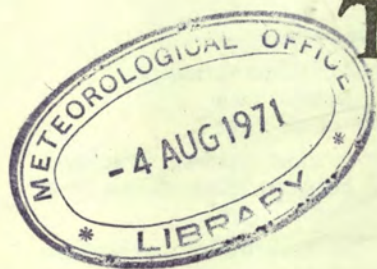


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DUPLICATE



# THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

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.).	7h. local time.
30° E. to 170° W.	oh. or 1h. G.M.T.

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

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

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

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

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

## THE INTERNATIONAL AND UPPER AIR SECTIONS.\*

The other two sections of the Daily Weather Report are Royal quarto in size. The International Section contains 4 pp. per day and is issued daily by 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 1h. to-day.
- Table of meteorological observations taken at about 80 stations, mostly on the Continent of Europe (not for the British Isles).
- Table of meteorological observations received by Wireless Telegraphy from Ships on the Northern Atlantic.

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

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

\* 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:—

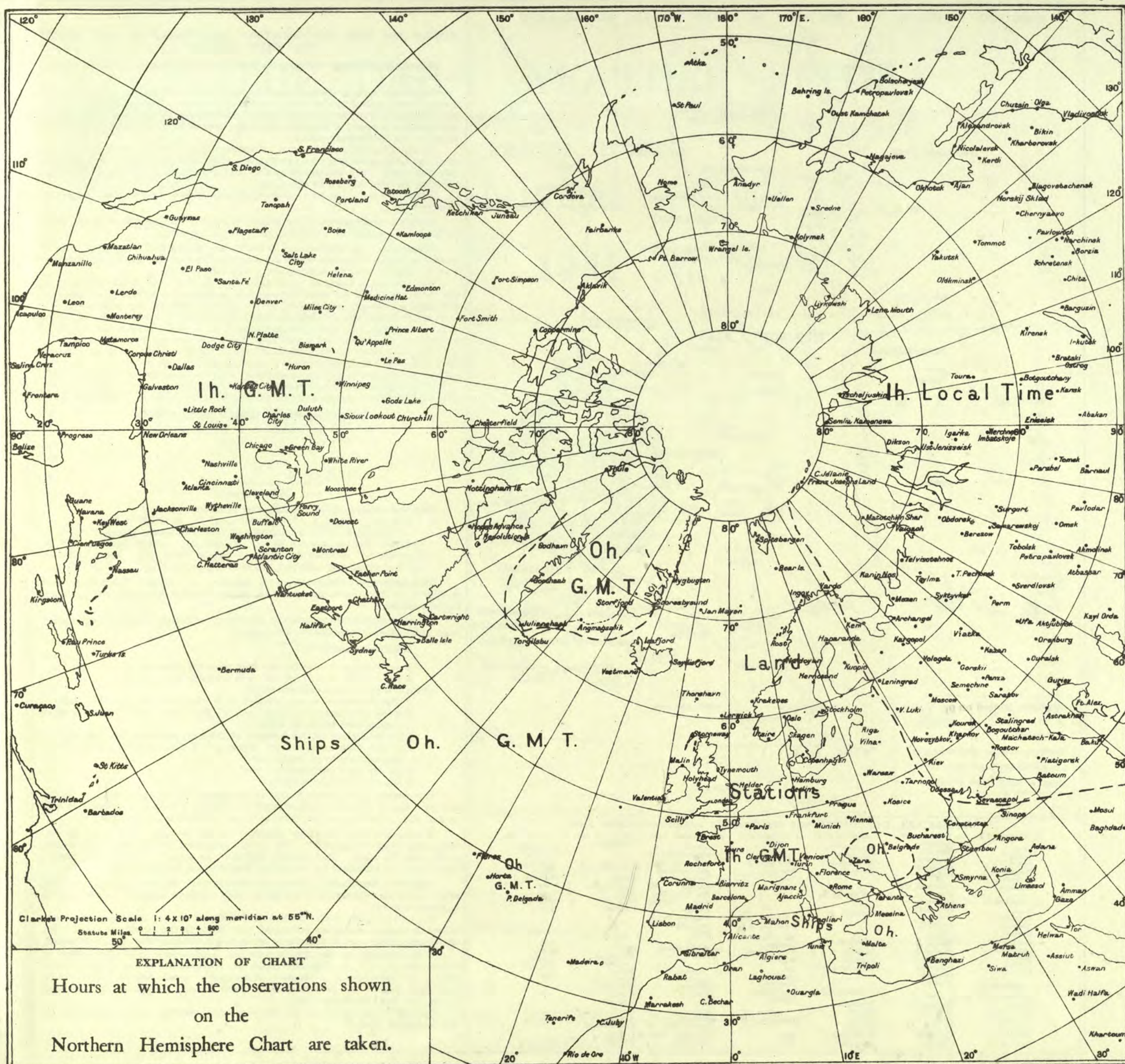
▲ North Cone hoisted:

▼ 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.

\* Not.—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. Hebrides. Western parts of Inverness, Ross and Cromarty, Sutherland. (Boundary line runs from Ran- noch Station through Fort Augustus, Beaulie and Laig to Mel- nich.)	16. Orkneys and Shetlands.	19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Laois. 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. Kincardine. 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.		
		11. Scotland, S.E. Roxburgh. Selkirk. Peebles. Berwick. Haddington. Edinburgh.	13A. Scotland, W. Argyll. Bute.			

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

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

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

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

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

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

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

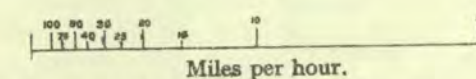
The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper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

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

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

## GEOSTROPHIC WIND SCALE FOR

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



This scale applies under the following conditions:—

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

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

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

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

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

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

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

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.

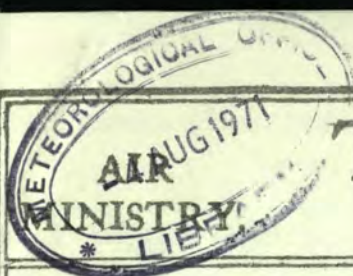
**Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, such adjusted reading is published in brackets thus (59).

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.





DUPLICATE

## THE DAILY WEATHER REPORT

MONTHLY  
SUPPLEMENT,

Page 1.

OF THE METEOROLOGICAL OFFICE, LONDON.

July 1941 No. 295

Warm periods; many thunderstorms.

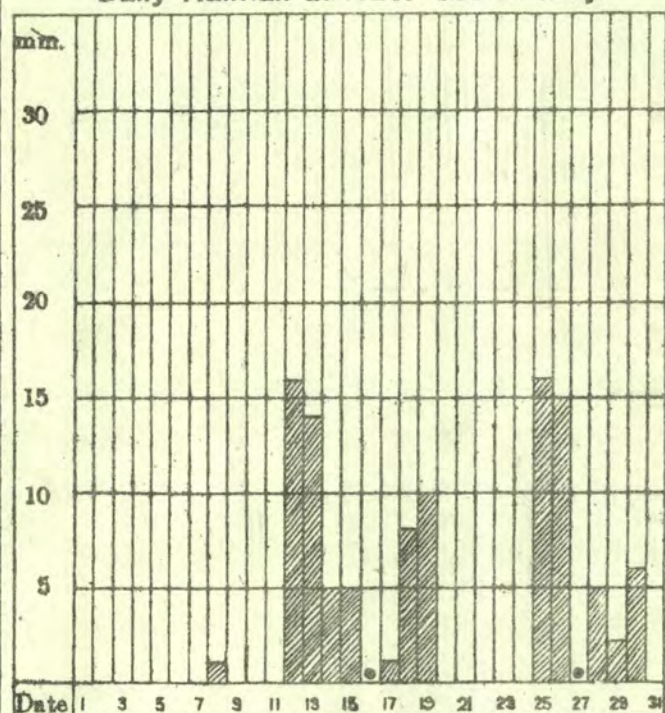
The period of abnormally warm and sunny weather which set in over the greater part of England in the middle of June continued until 12th. Temperatures reached 91° at Croydon and 90° at South Farnborough on 8th and 90° at Mildenhall and 91° at South Farnborough on the 11th. A maximum of 88° was also reached locally on 7th and 12th. The absolute drought which persisted over Southern and Eastern England was broken by thunderstorms on the 8th.

An anticyclonic belt covered Southern England until 10th with only slight interruptions by cold fronts on 3rd and 8th, the latter giving heavy thunderstorms locally in Eastern England. Depressions moving northeast on the Atlantic caused unsettled conditions in Scotland and Ireland during this period. On 11th a shallow depression commenced to spread up from France and severe thunderstorms developed in the southern half of England. On 12th and 13th thunderstorms were very widespread and in some places severe, extending to parts of Scotland and Ireland. Heavy squalls occurred locally and 30mm of rain was reported in one area in Central England.

A complex depression moved northwards across the country between 12th and 16th and an unsettled westerly type prevailed until 21st. There was a brief return of fine, warm weather on 23rd and maximum temperatures reached 85° at Croydon and South Farnborough on 25th and exceeded 80° in many areas in the East and South. This warm spell was broken by thunderstorms with heavy rainfall in several districts in Eastern England, falls exceeding 30mm. being reported. Conditions remained cool and unsettled for the remainder of the month, with further local thunderstorms, heavy in places, on the 30th.

Sunshine was generally about normal, but rainfall in some districts in the central and eastern areas of the kingdom was in excess of the monthly average.

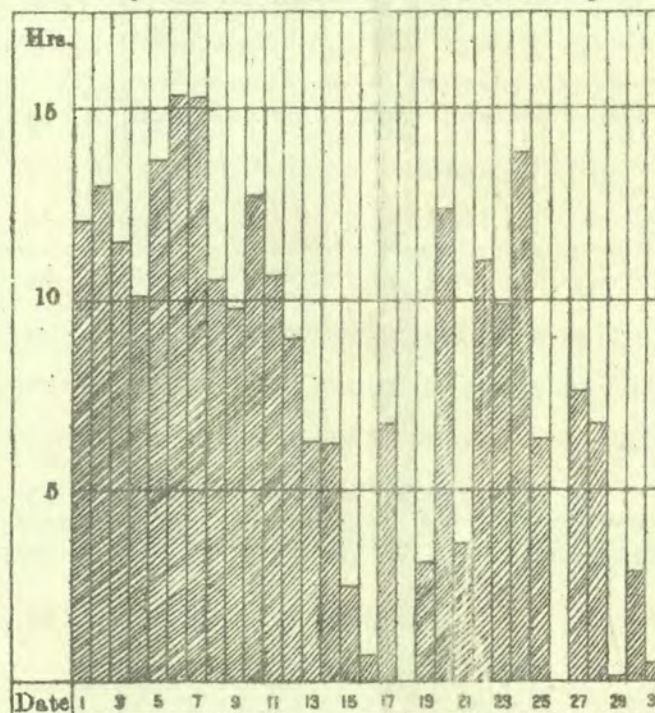
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

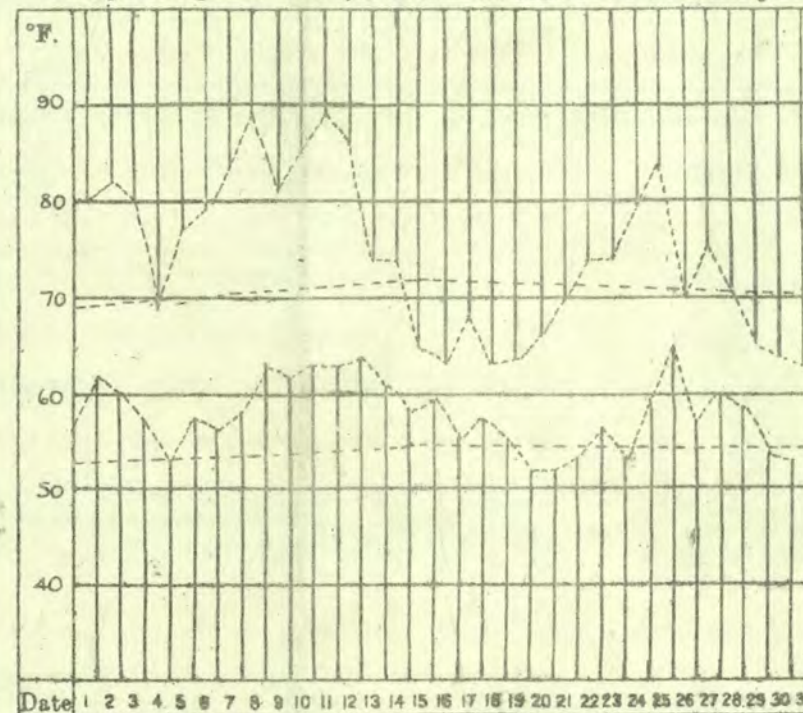
RAINFALL Total for Month. 103 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 244 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. 1014.8	mb. -1.0	°F. 64.5	°F. 0.0
Aberdeen	1012.2	-0.8	58	+0.1
Valentia	1016.7	+0.6	58.5	-0.7

\* Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 16 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	4866
Aberdeen	4775
Lerwick	9520
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.		Lowest Max.		Highest Min.		Lowest Min.		Number of Ground Frosts.	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.	
51°-59°	60°-68°	69°-77°	78°-86°	87° or above.	35°-41°		42°-50°	51°-59°	60°-68°	69°-77°		Highest Max.	Lowest Max.	Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.		1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.										
1	London (Kew Obsy).	0	9	10	10	2	72.8	0	0	21	10	0	56.2	89	11	63	16	31	65	26	52	22	0	0	23	1	1	28	0	2	25	0	0	0	0	7	0	0	0	0	27	
	Croydon	0	8	11	10	2	71.9	0	3	21	7	0	54.6	91	8	64	16	18	64	9	47	5	0	2	14	0	3	24	0	3	24	0	0	0	0	1	18	0	0	0	0	29
	Thorney Island..	0	8	18	5	0	68.7	0	7	19	5	0	55.4	84	9	62	18		64	26	45	21	0	4	10	5	0	22	1	5	14	4	0	0	0	2	13	0	0	0	0	28
	Lympne	0	11	12	6	2	68.8	0	19	7	5	0	53.8	87	11	64	21		64	26	44	21	0	8	8	1	3	20	2	3	14	4	0	0	1	0	14	0	0	0	0	25
2	Shoeburyness...	0	3	21	7	0	71.8	0	0	23	8	0	54.4	85	9	66	31		66	12	51	21	0	3	8	5	0	23	1	2	18	2	0	0	1	0	8	0	0	0	0	20
	Gorleston	0	15	14	2	0	67.9	0	0	19	12	0	55.4	80	3	64	31		64	26	51	4	0	2	16	0	0	19	0	0	18	0	0	0	0	11	0	0	0	0	15	
	Cranwell	1	9	11	8	2	71.0	0	6	21	4	0	52.6	88	7	57	31		61	8	45	20	0	4	13	0	3	25	0	3	21	0	0	0	0	1	12	0	0	0	0	25
3	Birmingham ... (Edgbaston)	1	11	10	9	0	68.3	0	3	24	4	0	54.1	86	11	58	19		64	13	49	20	0	3	16	1	1	27	0	3	21	0	0	0	2	2	7	0	0	0	0	22
4	Ross-on-Wye ...	1	10	12	8	0	70.6	0	5	24	2	0	53.7	85	7	59	19		64	13	44	20	0	3	20	0	1	27	0	1	25	0	0	0	1	1	25	0	0	0	1	24
5	The Lizard	0	20	11	0	0	*	0	4	27	0	*	72	2	60	18		59	18	49	5	*	2	28	0	2	28	0	1	29	0	0	0	2	0	28	0	0	1	0	27	
7	Holyhead (Volley)	1	25	5	0	0	62.9	0	4	27	0	0	55.1	77	13	59	25		59	1	42	23	0	7	23	1	4	26	1	3	26	1	0	0	1	1	25	0	0	0	0	25
8	Chester ... (Sealand)	0	14	9	8	0	68.8	0	4	26	1	0	53.2	85	7	62	19		63	13	46	5	0	1	20	2	2	26	0	0	26	2	0	0	1	4	12	0	0	0	0	23
10	Tynemouth	2	22	7	0	0	64.7	0	3	26	2	0	53.9	76	7	57	13		60	8	48	4	0	5	20	0	3	26	0	2	26	0	0	3	1	0	8	0	0	4	0	10
11	Leuchars	1	18	12	0	0	65.8	0	10	20	1	0	50.8	75	12	59	14		60	3	44	5	0	6	17	2	3	26	1	7	22	0	0	0	0	0	22	0	0	0	1	28
12	Renfrew	1	20	9	1	0	66.0	0	11	19	1	0	51.5	80	12	59	21		61	13	44	23	0	8	16	1	6	25	0	8	20	1	0	0	1	0	16	0	0	0	0	24
	Eskdalemuir	4	15	8	0	0	64.0	4	16	11	0	0	48.8	76	11	59	28		57	12	38	23	1	12	16	0	6	24	0	6	23	0	0	2	1	0	20	0	0	0	1	26
13	Stornoway	10	21	0	0	0	60.9	0	11	20	0	0	50.5	65	10	57	5		56	16	45	29	*	5	26	0	2	29	0	2	29	0	0	0	0	0	26	0	0	0	0	30
15	Aberdeen	4	20	7	0	0	64.1	0	9	22	0	0	51.7	74	12	56	14		57	7	44	21	0	7	15	2	5	22	1	4	20	0	0	0	1	3	22	0	0	0	0	17
18	Aldergrove	0	23	8	0	0	*	2	8	20	1	0	*	74	13	61	19, 20, 25		60	6	41	19, 23	0	9	22	0	0	30	1	4	27	0	0	0	0	1	24	0	0	0	0	27
19	Birr Castle	1	21	9	0	0	67.0	0	10	18	3	0	52.5	73	14	58	11		60	28	44	9	0	1	28	0	0	31	0	0	31	0	0	1	0	29	0	0	0	0	31	
20	Valentia ... (Cahiriveen)	1	30	0	0	0	63.7	0	4	25	2	0	54.7	67	14	57	15		60	14	46	4	0	5	26	0	4	27	0	7	24	0	0	0	0	0	27	0	0	0	0	28

## UPPER AIR TEMPERATURE.

## UPPER WINDS.

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

Pressure. mb.	Normal Height. Feet.	MILDENHALL.			ALDERGROVE.			STATION		LYMPNE.						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION.	
		Normal Temp. °F.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Height. Metres.	No. of Obs.	6	26	51	76	Above 100	No. of Obs.	6	26	51	76	Above 100	No. of Obs.	6	26	51	76	Above 100	No. of Obs.	6	26	51	76	Above 100	Height. Metres.	
											to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100			to 25
										kilometres per hour.						kilometres per hour.						kilometres per hour.						kilometres per hour.							
950	1830	57.5	61.5	62	54.5	62		500 above ground.	126	55	60	4	0	0	43	29	16	0	0	0	27	12	13	1	0	0	80	37	35	4	0	0	500 above ground.		
850	4840	47.3	51.5	62	46.5	62		1000 above M.S.L.	121	56	57	1	0	0	41	26	14	0	0	0	23	11	11	1	0	0	54	29	21	3	1	0	1000 above M.S.L.		
750	8180	38.5	42.5	62	39.5	62		2000 " "	100	53	43	3	0	0	30	13	16	0	0	0	15	4	11	0	0	0	21	13	7	1	0	0	2000 " "		
650	11920	27.5	31.5	62	29.5	62		3000 " "	80	33	40	2	0	0	23	6	16	0	0	0	6	1	5	0	0	0	10	8	2	0	0	0	3000 " "		
550	14170	13.1	17.0	62	16.5	62		4000 " "	55	15	38	2	0	0	12	2	9	1	0	0	3	1	2	0	0	0	6	4	2	0	0	0	4000 " "		

\* 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

July 1941.

Page 3.

Division.	STATIONS.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.
		Number of Days with Duration.					Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.			† Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month. ‡	Difference from Average.	Highest and Lowest Totals on record for Month.							
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.	Above 9h.	Hours.	Date.					Total for past 12 months.	Difference from average.	Total for Month.							Difference from average.	First year of record.	Highest. Year.	Lowest. Year.	mm.	Date.		
1	London (Kew Obsy). Croydon Thorney Island... Lympne ...	2 5 2 7 15 1 5 2 8 15 Not recorded. 0 4 6 5 16	15.3 6 15.7 6  15.5 7	1459 -10 1501 -24  1718 -47	244 +54 261 +41  274 +34	1880 1922 1881 1921	334 1911 297 1928 369 1911 307 1935	104 1888 132 1927 143 1927 153 1937	16 4 3 6 2 0 16 4 4 7 0 0 20 2 6 2 1 0 18 5 3 3 0 2	16 25 11 26 25 25 33 26	734 +128 758 +129 * * 756 +32	103 +48 70 +10 59 +6 104 +50	1856 1921 1871 1920	124 1880 105 1936 132 1920 126 1927	4 1921 3 1921 6 1905 6 1935	5 0 4 0 4 0 3 0													
2	Shoeburyness... Gorleston ... Cranwell ...	0 4 7 7 13   2 5 8 5 11	15.2 7   14.6 6	1591 -123   1452 -86	255 +28   213 +7	1919 1908 1921	311 1928 309 1935 266 1935	128 1919 103 1910 113 1937	19 5 3 3 1 0 22 1 5 3 0 0 19 1 4 4 2 1	15.3 28 12 30 30 26	515 +12 590 -32 698 +108	55 +8 41 -18 111 +52	1920 1871 1917	90 1940 150 1875 251 1932	7 1921 7 1897 10 1921	2 0 3 0 4 0													
3	Birmingham (Edgbaston)	0 10 5 5 11	15.4 6	1263 -41	203 +32	1887	271 1911	67 1887	15 5 5 4 2 0	23 12	849 +175	91 +32	1893	167 1936	7 1911	3 0													
4	Ross-on-Wye ...	0 9 7 4 11	15.4 6	1450 -35	209 +17	1915	271 1934	122 1927	21 1 4 5 0 0	14 13	755 +38	59 +1	1859	197 1872	6 1911	3 0													
5	Falmouth (Observatory)	2 3 7 5 14	15.2 4	1776 +66	254 +37	1881	346 1911	135 1890	19 7 5 0 0 0	3 17 30	1146 +39	16 -56	1871	178 1924	8 1913	0 0													
7	Holyhead (Valley)					1914	255 1934	123 1920	13 11 15 2 0 0	9 11 15	784 -93	41 -25	1871	197 1920	8 1935	4 0													
8	Chester (Sealand)	0 9 4 8 10	14.1 23	1391 +15	211 +38	1928	244 1934	112 1931	18 5 5 3 0 0	12 15	697 +59	41 -17	1922	132 1939	18 1934	2 0													
10	Tynemouth ...			* *	*	1935	* *	* *	19 6 3 3 0 0	10 28	742 +123	41 -20	1915	174 1940	13 1935	* *													
11	Leuchars ...	5 9 6 5 6	15.3 10	1214 -256	151 -21	1922	244 1935	91 1931	14 6 7 4 0 0	11 17	717 +64	56 -10	1922	181 1940	17 1928	3 0													
12	Renfrew ...	4 11 3 6 7	11.9 26	1102 -91	144 -5	1921	231 1934	86 1931	15 6 4 6 0 0	13 20	953 +14	70 -1	1921	136 1936	35 1935	3 0													
	Eskdalemuir ...	4 9 8 5 5	14.1 10	1140 -61	153 +6	1910	217 1935	75 1931	13 6 1 9 1 1	25 25	1322 -107	119 +15	1910	225 1938	25 1913	1 0													
13a	Stornoway	5 11 8 3 4	13.3 22	1235 +20	119 +26	1881	227 1917	57 1939	4 8 13 6 0 0	10 20	945 -321	98 +21	1870	175 1871	22 1913	* *													
15	Aberdeen ...	5 11 7 3 5	12.3 8	1215 -114	125 -27	1881	239 1911	83 1931	15 7 2 6 1 0	17 18	832 +94	70 -1	1871	195 1940	14 1878	2 0													
18	Aldergrove ...	5 12 8 4 2	11.1 8	1117 *	105 *	1927	217 1934	87 1939	12 4 9 4 2 0	21 2	806 -32	98 +27	1926	154 1939	27 1935	1 0													
19	Birr Castle ...	6 10 7 6 2	11.3 8	1147 -159	104 -45	1881	224 1911	93 1936	14 3 8 6 0 0	12 6	804 -23	70 -5	1862	186 1880	8 1863	* *													
20	Valentia (Cahiriveen)	7 9 6 5 4	12.1 3	1342 -26	116 -41	1880	235 1918	71 1932	13 9 4 3 2 0	22 6	1387 -27	80 -16	1866	223 1937	22 1898	* *													

MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.													
No. of Days (MDT. to MDT.) WITH MINIMA BETWEEN FIXED LIMITS.											No. of Days EACH TYPE WAS RECORDED.													
STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.		
London (Kew)	0	0	1	3	3	6	14	4	0	0	London (Kew)	13	18	0	0	0	0	0	0	0	0	0	0	1 Dry.
Ross-on-Wye...	0	0	0	4	6	12	4	4	1	0	Ross-on-Wye	19	12	0	0	0	0	0	0	0	0	0	0	1 Wet.
Falmouth (Obey.)	1	2	5	8	13	2	0	0	0	0	Renfrew ...	20	11	0	0	0	0	0	0	0	0	0	0	2 Flooded.
Renfrew ...	0	1	2	5	8	11	4	0	0	0	Renfrew ...	20	11	0	0	0	0	0	0	0	0	0	0	3 Frozen hard and dry.
Eskdalemuir ...	0	0	3	1	7	12	6	2	0	0	Eskdalemuir	9	22	0	0	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.
Aberdeen ...	1	1	4	5	10	5	4	1	0	0	Aberdeen ...	14	17	0	0	0	0	0	0	0	0	0	0	5 Covered with ice or glazed frost.
Valentia ...											Valentia ...	11	20	0	0	0	0	0	0	0	0	0	0	6 Covered with thawing snow.
																								7 Covered with snow, less than 6 ins., but ground not frozen.
																								8 Covered with snow, less than 6 ins., and ground frozen.
																								9 Covered with snow, greater than 6 ins. deep.

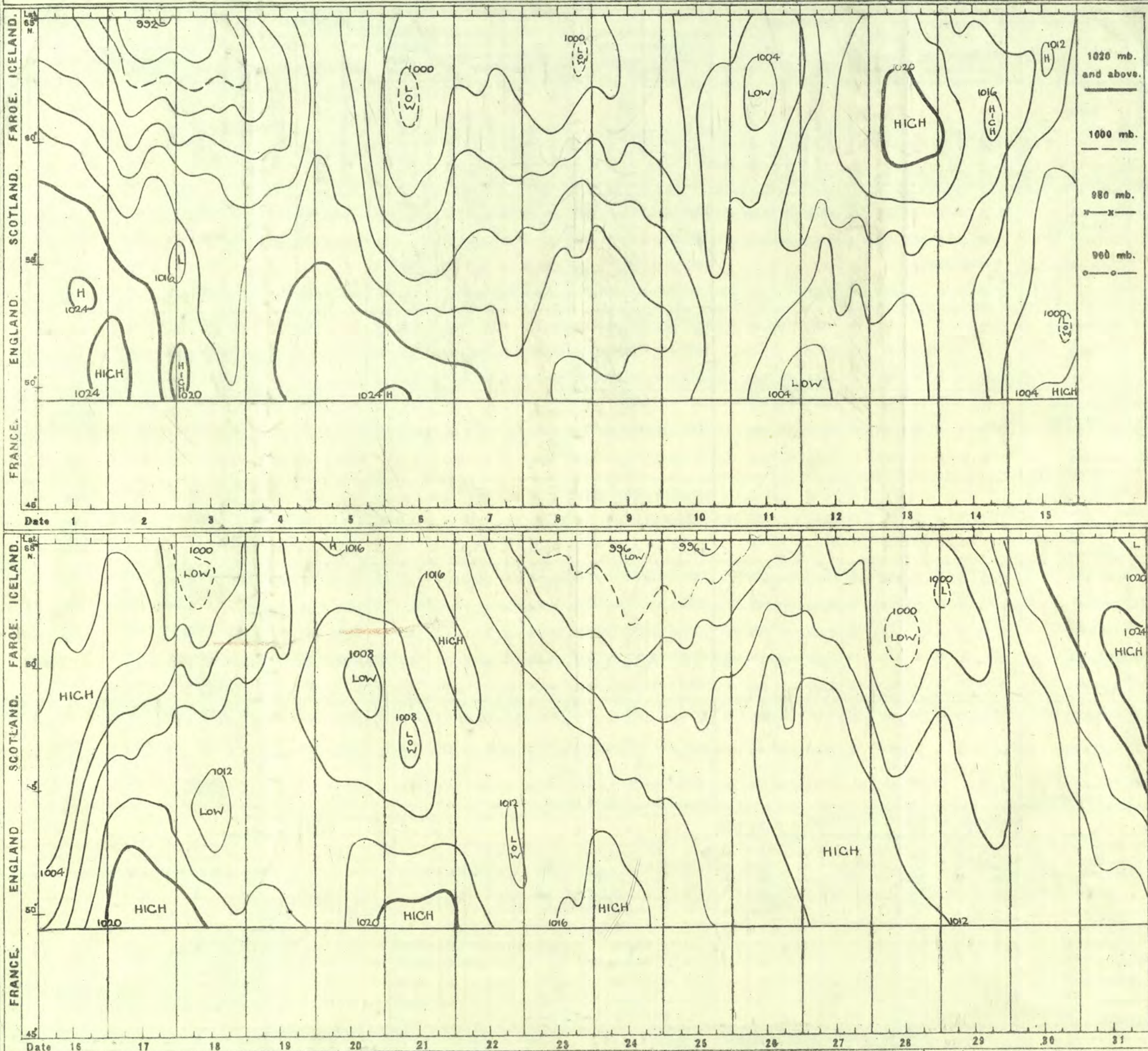
† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.



## PRESSURE: ICELAND TO GULF OF LIONS

July 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 shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Tuesday 1st July, 1941  
No 29,076

OBSERVATIONS at 13h. G.M.T. 30th June

OBSERVATIONS at 18h. G.M.T. 30th June

PAST 24 HOURS.

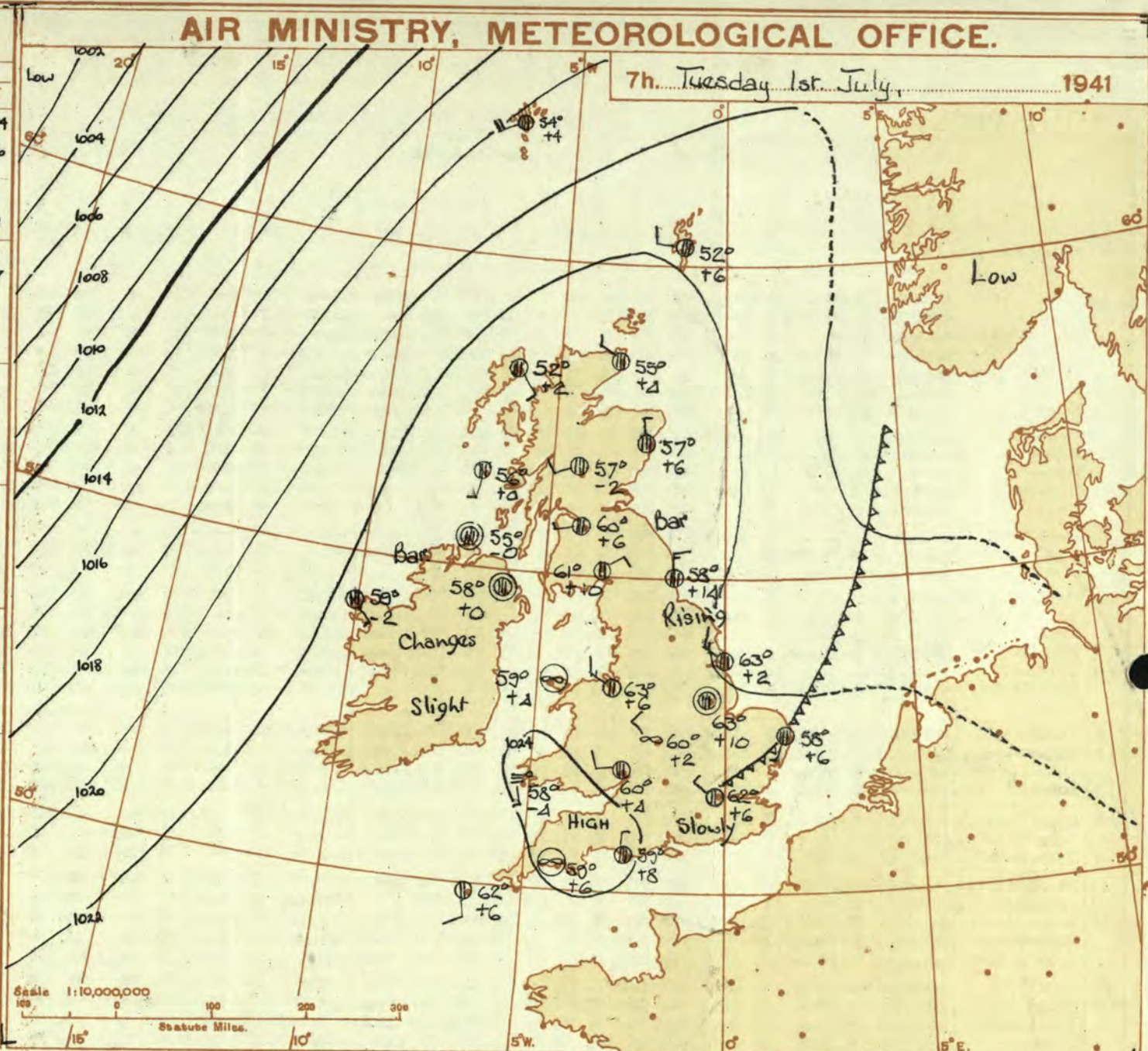
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. m. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. m. (22)	Cloud.			Barom. at M.S.L. mb. (28)	State of Ground. (29)	Sea. (30)	WEATHER.												
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base (feet) (14)			Dir.	Force. 0-12 (18)					Form.	Amount. Low 0-10 Total 0-10 (23) (24)	Height of Base (feet) (25)				7h.-13h. 30th (37)	13h.-18h. 30th (38)	18h. to 1st July (39)	1h.-7h. 1st July (40)									
																															Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.
1	London (Kew)...	022.2	-8	SW	2	2	68	65	7	-	-	Tr	4000	021.0	-8	NW	2	c	76	85	8	-	-	6	0	7-8	-	0	*	bc bz	bc bz	bc bz	bc bz						
	Croydon ...	022.3	-8	NW	1	1	69	55	7	-	-	4	0	4-6	-	021.2	-2	S	3	c	67	75	7	-	-	0	7-8	-	0	*	bc bz	bc bz	bc bz	bc bz					
	S. Farnborough	022.3	-10	N	1	1	73	45	7	-	-	8	Tr	4-6	3000	021.4	-4	SW	3	bc	71	65	8	1	-	0	Tr	4-6	4000	0	*	bc bz	bc bz	bc bz	bc bz				
	Boscombe Down	022.0	-10	NW	2	2	75	45	8	1	-	1	4-6	4-6	3000	022.2	+4	SW	3	bc	67	55	8	7	3	8	2-3	4-6	8000	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Thorney Island	022.3	-2	SW	2	2	62	75	8	7	-	1	2-3	4-6	4000	022.6	-4	SW	3	c	61	85	8	-	-	8	0	7-8	-	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Lymington	022.3	+6	SE	2	2	59	75	8	7	-	6	2-3	7-8	1800	022.6	-8	SE	2	c	58	75	8	-	-	8	0	7-8	-	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Manston	022.3	-2	SE	2	2	61	65	8	1	-	2	1-2	7-8	2000	022.3	-4	SW	2	c	62	75	7	-	-	6	0	7-8	-	0	0	*	bc bz	bc bz	bc bz	bc bz			
2	Shoeburyness	023.0	-4	SE	3	3	64	75	8	5	-	8	4-6	0	2500	021.0	-6	SE	3	c	65	75	8	-	-	8	0	7-8	-	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Felixstowe	023.3	-4	SE	2	2	63	65	8	5	-	2	2-3	7-8	2000	022.3	-6	SE	2	c	61	75	8	-	-	8	0	7-8	-	0	0	2	*	bc bz	bc bz	bc bz	bc bz		
	Gorleston	023.2	-2	E	1	1	56	85	7	5	-	10	10	400	022.5	-4	SE	2	c	57	85	7	-	-	7	2	0	7-8	-	0	0	3	*	bc bz	bc bz	bc bz	bc bz		
	Mildenhall	022.4	-10	W	1	1	68	55	8	-	3	6	0	4-6	-	021.0	-6	NW	1	c	71	45	8	-	-	8	0	7-8	-	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Cranwell	022.0	-12	SE	3	3	72	55	8	-	5	0	7-8	-	020.9	-4	ENE	2	c	73	55	8	8	3	6	4-6	0	7-8	-	0	0	*	bc bz	bc bz	bc bz	bc bz			
3	Birmingham	021.6	-15	E	1	1	72	45	7	7	-	4-6	4-6	4000	020.7	-4	SW	2	c	74	45	8	7	8	-	7-8	0	4000	0	0	*	bc bz	bc bz	bc bz	bc bz				
	Upper Heyford	021.7	-14	NW	2	2	73	55	8	1	-	6	1	4-6	4000	021.2	-2	WN	1	c	75	55	8	5	-	1	4-6	7-8	8000	0	0	*	bc bz	bc bz	bc bz	bc bz			
4	Ross-on-Wye	021.6	-6	SW	3	3	73	55	7	-	7	6	0	4-6	-	021.1	-6	SE	2	c	72	75	6	8	-	10	10	2500	0	0	*	bc bz	bc bz	bc bz	bc bz				
5	Hartland Point	022.8	0	W	2	2	61	92	3	-	-	10	10	2150	022.6	-4	W	8	c	61	85	7	5	4	-	4-6	7-8	1500	0	0	2	*	bc bz	bc bz	bc bz	bc bz			
	Bristol ...	022.0	-4	SE	2	2	75	55	7	1	3	-	2-3	9	3500	022.2	+2	W	3	c	70	75	7	4	-	7-8	7-8	8000	0	0	2	*	bc bz	bc bz	bc bz	bc bz			
	Portland Bill	023.0	+4	SE	1	1	61	85	7	5	-	3	3	2500	022.2	-4	SW	1	c	59	85	8	5	7	-	4-6	7-8	2500	0	0	2	*	bc bz	bc bz	bc bz	bc bz			
	Plymouth	022.9	-2	SW	2	2	68	75	7	2	3	-	Tr	2-3	2000	022.6	-2	WNW	2	c	71	65	8	1	-	0	Tr	0	8500	0	0	2	*	bc bz	bc bz	bc bz	bc bz		
	The Lizard	022.8	0	SW	3	3	68	85	8	4	-	2-3	2-3	3500	023.1	-2	WNW	2	c	68	75	8	4	-	-	4-6	7-8	3500	0	0	2	*	bc bz	bc bz	bc bz	bc bz			
	Scilly (St. Mary's)	022.9	-2	SE	1	1	72	75	7	-	4	4	0	4-6	-	022.0	-6	ENE	1	c	66	85	8	-	-	1	0	1	-	0	0	2	*	bc bz	bc bz	bc bz	bc bz		
	Guernsey	022.9	-2	SE	1	1	72	75	7	-	4	4	0	4-6	-	022.0	-6	ENE	1	c	66	85	8	-	-	1	0	1	-	0	0	2	*	bc bz	bc bz	bc bz	bc bz		
6	Pembroke	022.6	-6	SW	2	2	59	97	6	5	-	10	10	2500	022.7	0	W	2	c	61	92	8	2	7	1	4-6	7-8	2500	0	0	2	*	bc bz	bc bz	bc bz	bc bz			
7	Holyhead	021.6	-2	SW	3	3	60	87	7	5	-	6	Tr	4-6	2150	022.0	+2	SW	4	c	57	97	8	-	-	10	10	2150	0	0	1	*	bc bz	bc bz	bc bz	bc bz			
	Chester (Sealand)	022.7	-8	WNW	2	2	76	55	6	8	-	3	3	5200	021.2	+2	NW	4	c	60	80	6	-	-	1	-	7-8	9	2500	0	0	*	bc bz	bc bz	bc bz	bc bz			
8	Manchester	022.9	-10	SW	1	1	80	35	8	1	3	6	2-3	7-8	3500	020.8	+4	WNW	4	c	68	85	8	2	7	-	2-3	9	3500	0	0	*	bc bz	bc bz	bc bz	bc bz			
10	Spurn Head	022.3	-2	SE	3	3	61	85	7	7	-	2	2-3	4-6	4000	021.2	-4	SE	3	c	62	85	7	8	6	-	4-6	7-8	4000	0	0	2	*	bc bz	bc bz	bc bz	bc bz		
	Catterick	021.2	-11	S	1	1	66	75	6	5	-	10	10	5000	019.9	-2	S	3	c	71	65	6	8	-	-	2-3	7-8	3500	0	0	2	*	bc bz	bc bz	bc bz	bc bz			
	Tynemouth	021.9	-10	SE	3	3	68	85	7	5	-	-	0	2400	021.0	0	S	3	c	62	85	6	8	-	-	3	9	2400	1	2	*	bc bz	bc bz	bc bz	bc bz				
11	St. Abbs Head	022.4	-10	ESE	2	2	60	75	7	5	2	-	7-8	9	2000	019.8	-6	SE	2	c	67	75	7	8	6	-	4-6	10	2000	1	2	*	bc bz	bc bz	bc bz	bc bz			
	Leuchars	020.1	-11	E	1	1	66	75	8	-	3	8	0	7-8	-	019.0	-4	NW	2	c	66	85	6	8	-	-	9	9	3500	0	0	*	bc bz	bc bz	bc bz	bc bz			
12	Renfrew (Abbots L.)	020.0	-8	SW	3	3	76	55	8	2	3	9	4-6	9	3500	020.5	+4	WNW	2	c	60	75	8	5	1	-	7-8	9	1800	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Eskdalemuir	019.9	-8	SW	3	3	71	65	8	3	2	2	2-3	7-8	2500	020.0	+6	NW	2	c	65	75	8	8	1	-	4-6	9	2500	0	0	*	bc bz	bc bz	bc bz	bc bz			
	Point of Ayre	021.2	-6	WNW	2	2	68	75	7	1	3	-	Tr	9	2400	021.0	0	WNW	4	c	68	85	7	5	4	-	7-8	9	3000	0	0	2	*	bc bz	bc bz	bc bz	bc bz		
13A	Tiree	020.2	+4	W	2	2	60	92	7	5	-	10	10	800	020.7	+2	WSW	2	c	58	97	8	-	-	-	10	10	2150	0	0	3	*	bc bz	bc bz	bc bz	bc bz			
13B	Stornoway	020.0	0	SW	2	2	59	92	7	8	2	-	7-8	10	1200	020.5	+6	WSW	4	c	60	75	8	2	4	-	4-6	7-8	2000	1	2	*	bc bz	bc bz	bc bz	bc bz			
15	Dalwhinnie	020.3	-4	SW	3	3	65	75	8	5	-	7-8	9	2500	021.1	+4	SW	3	c	62	75	7	3	-	-	10	10	800	0	0	1	*	bc bz	bc bz	bc bz	bc bz			
	Aberdeen	019.4	-12	SE	3	3	62	75	7	2	7	-	1	9	2800	019.6	+14	NW	1	c	60	97	6	3	-	-	10	10	5500	0	0	1	*	bc bz	bc bz	bc bz	bc bz		
	Wick	019.1	-6	SE	3	3	56	92	7	5	7	-	9	9	3000	019.7	+4	NW	3	c	58	97	6	5	7	-	7-8	10	500	0	0	*	bc bz	bc bz	bc bz	bc bz			
16	Lerwick	020.5	-6	SE	2	2	55	85	8	5	3	2	4-6	9	2000	019.5	-6	WSW	2	c	53	92	6	5	-	-	10	10	200	0	0	*	bc bz	bc bz	bc bz	bc bz			
17	Blacksod Point																																						



Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 30th June				18h. G.M.T.				01h. G.M.T. 1st July				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	C <sub>M</sub>	wwVhN	DDFWN
109	57	03647	16328	5-	54528	26368	5-	02635	23365	5-	01843	26224			
115	--	67109	26389	--	67109	20269	52	09824	22367	53	02844	22226			
203	5-	62738	16328	5-	02835	16325	5-	09838	16328						
206	73	02865	02128	52	61865	08267	53	02845	00027	73	01864	00025			
210	57	02865	04128	52	62765	26368	5-	03628	32268	5-	02838	08228			
220	52	02526	21238							53	01953	16104			
230	51	21655	22258	5-	08408	20358	5-	02847	24127	5-	02857	20257			
245	20	02851	13327	57	91665	04198	53	81656	04388	8-	02767	05167			
260	70	05664	32126	83	25867	22288	54	05562	22187	7-	05667	20127			
277															
270	53	05570	26225	87	05666	20228				03	02890	28226			
285	23	02754	22228							5-	02747	24327			
288	5-	02777	18127	53	47365	02148	5-	45257	00047	5-	05657	24147			
273															
301	03	05600	27327	07	01790	26315	5-	02748	28228	53	01743	26224			
321	13	01751	06114	57	01767	20376	57	05666	00028						
209	50	01753	18214	57	01754	18215	5-	05648	24228	57	05544	26485			
292	5-	02778	13128	83	05666	13128	5-	61648	00028	03	00790	30363			
310	--	05636	04326							--	04534	26314			
316	10	05561	14113	53	16216	20773	07	05590	00016	03	08490	16114			
333	53	01851	20314	5-	02728	16228	5-	05638	00028	5-	02638	00028			
334	--	01862	18404							--	51438	24228			
340	13	02762	10227	2-	25747	20287	02	05690	30128	5-	05548	32328			
136				08	02890	30116	57	02885	00017	07	01890	18385			
338	13	01762	20315	28	01762	24414				51	05654	32228			
350	50	01750	02213	58	01761	02225	00	05690	20100	05	05690	18215			
368	00	02750	23224							53	05526	23128			
379	10	01853	02124	23	01864	20215	50	05662	22202	03	05690	01113			
390	14	01661	00314	00	02790	28216	53	08492	18113	07	41490	00047			
382	10	01861	30214	13	02861	02216	50	05661	24112	53	05544	24126			
438	83	01743	18314							50	01754	28314			
430	50	00743	20213	00	01790	18215	00	05690	00000	00	05690	22201			
409	5-	05627	01217	58	47307	30247	5-	45208	00058	04	02890	04146			

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. Tuesday 1st July 1941.
1 S.E. England	Light variable wind becoming southwest; fair apart from local thunderstorms today;
2 E. England ...	cloudy with perhaps slight rain later; warm.
3 E. Midlands ...	Light variable wind becoming southwest; fair apart from local thunderstorms today;
4 W. Midlands ...	cloudy with slight rain later; warm.
5 S.W. England	Light or moderate west to southwest wind; fair at first; cloudy with some rain
6 South Wales ...	later; patches of fog on coast; rather warm.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light variable wind becoming southwest; fair today; cloudy with rain later; warm
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Freshening southwest wind; cloudy; rain later; average temperature.
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 9-11
20 S. W. Ireland	As 12-18

**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 covering the British Isles is moving east. A depression to southwest of Iceland is moving east-northeast or east and an associated trough of low pressure will move in from the Atlantic.

Weather will be generally fair and warm at first. Rain will spread from West later; there will be little or no rain in the Southeast.

**FURTHER OUTLOOK.**

Fair in the South; some showers in the North; cooler.

Cold Front

Warm Front

Occlusion

Forecast issued at 10.30h G.M.T.

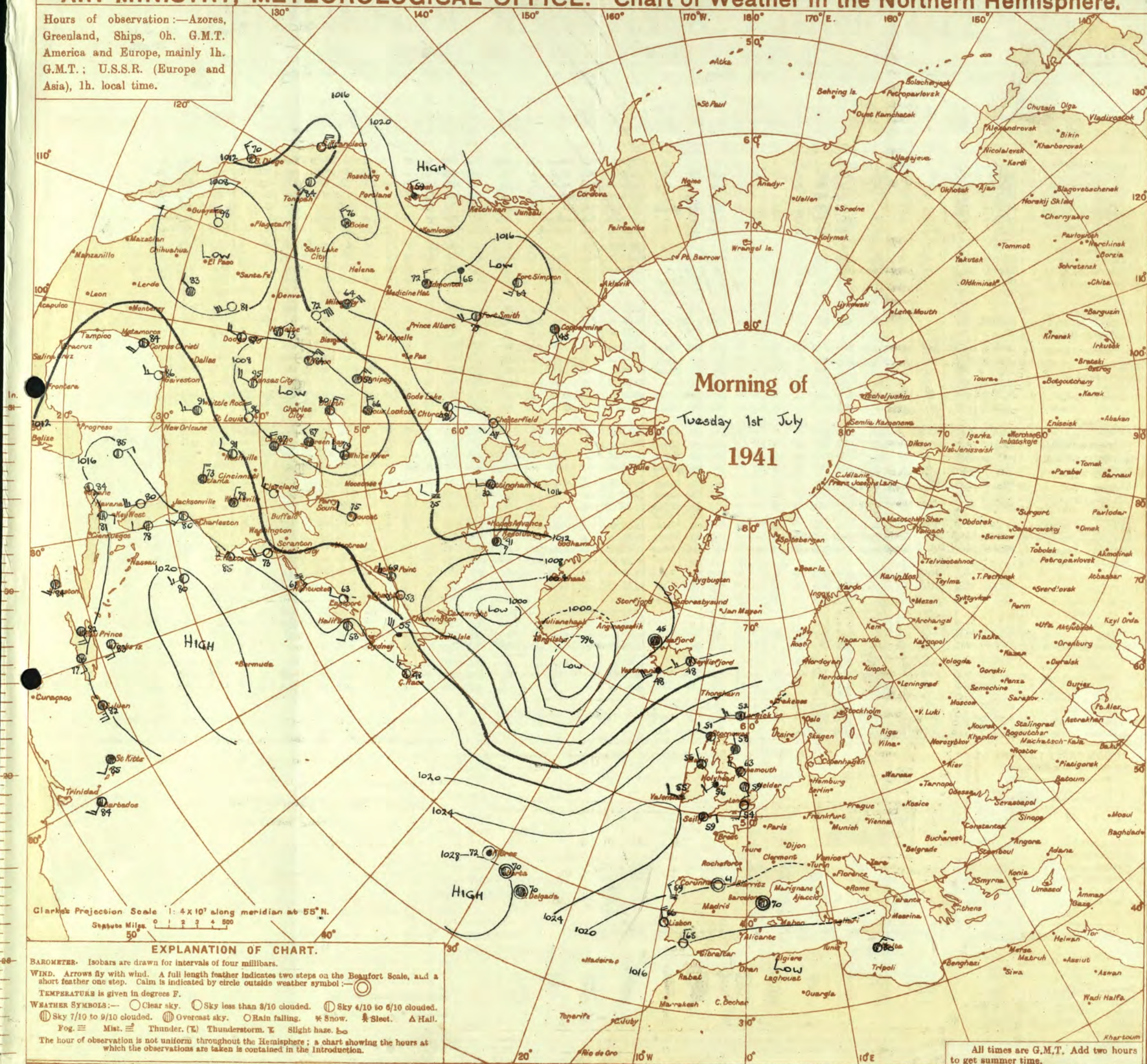
N. K. JOHNSON, D.Sc., A.R.C.S.,  
Director.

H.M.S.O. Press, Cornhill House, S.E.1.  
G. 206. No. 0170. 0. 0034. 0. 049. 3300. 5/41



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

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





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

BRITISH SECTION

Thursday 1st July 1941  
No. 22,076.

OBSERVATIONS at 1 hr. G.M.T. 1st July															OBSERVATIONS at 7 hr. G.M.T. 1st July															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility (22)	Cloud.				Barom. at M.S.L. (29)	Change in 3 hours. (30)	TEMPERATURE.					RAINFALL.		Sun-shine 30th. Hrs.					
					Direc. (3)	Force. (4)				Weather. (5)	Form.		Amount. (12)			Height of Base. (feet) (14)	Direc. (17)				Force (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)			Visibility (22)	Form.		Amount. (26)	Height of Base. (feet) (28)	State of Ground. (29)	Sea. 0-9 (30)		Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
											Low. (9)	Med. (10)																High (11)	Low (13)										
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1023.4	+0	WSW	2	61	85	6	-	-	6	1	2-3	2500	0	*	70	56	*	-	-	8.6						
	Croydon	217	1022.3	+2	S	2	54	27	5	-	4	-	0	Tr	-	1023.1	+0	NW	1	62	85	6	-	0	2-3	-	0	75	52	*	-	-	8.0						
	S. Farnborough	226	1022.6	+2	-	0	56	22	6	-	-	-	0	0	-	1023.6	+0	WN	2	60	85	7	-	0	Tr	-	0	78	53	4.6	-	-	13.0						
	Boscombe Down	417	1023.1	0	-	0	58	22	6	-	-	-	0	0	-	1023.8	+2	WNW	2	58	82	6	5	-	10	400	0	78	56	47	-	-	8.4						
	Thorney Island	10	1023.0	+2	-	0	53	27	6	5	-	-	Tr	Tr	4000	1023.3	+4	N	2	61	82	6	-	1	0	1	-	0	63	50	43	-	-	*					
	Lymington	346	1023.1	-2	-	0	50	27	6	-	3	-	0	Tr	-	1023.5	+4	WNW	1	59	85	7	-	-	8	0	4-6	-	0	61	47	40	-	-	7.6				
	Manston	154	1022.4	-2	WSW	1	53	22	6	-	-	1	0	Tr	-	1023.4	+0	NW	1	60	85	6	-	7	6	0	2+	-	0	63	51	47	-	Tr	6.8				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1023.4	+8	-	0	60	85	5	5	7	-	4-6	10	5700	0	*	66	57	45	-	-	7.0						
	Felixstowe	15	1021.9	-2	W	1	53	22	6	-	4	8	0	2-3	-	1022.9	+0	NW	1	61	82	6	5	7	-	9	10	5700	1	1	64	57	53	-	0.1	6.9			
	Gorleston	5	1022.2	0	-	0	55	22	6	-	-	5	0	2-3	-	1023.1	+0	SW	3	58	82	6	3	-	4-6	2+	1500	0	6	58	54	50	-	Tr	*				
	Mildenhall	19	1021.5	+2	-	0	60	85	8	5	3	-	4-6	2	2500	1022.5	+0	SW	3	64	75	7	5	7	-	2-3	2+	1500	1	*	73	58	53	-	0.1	8.9			
	Cranwell	240	1021.1	-2	WSW	2	65	65	6	5	-	-	2+	2+	2500																								
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1023.2	+2	NW	2	60	82	5	5	-	-	2-3	2-3	4500	0	*	75	50	53	*	-	-	7.7					
	Upper Heyford	408	1022.2	+2	-	0	62	85	7	5	-	-	7-8	7-8	5000	1023.0	+2	-	0	61	82	5	-	3	1	0	1	-	0	77	57	53	-	-					
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1023.5	+4	WS	2	60	82	7	5	-	-	9	9	2500	0	*	77	57	51	-	-	-	2.8					
5	Hartland Point	299	1023.2	+2	SW	1	50	27	6	5	-	-	2+	2+	1500	1023.8	+4	NE	1	60	87	7	3	3	-	4-6	7-8	500	0	2	62	58	57	-	-	1.6			
	Bristol	209	1023.0	+2	SW	3	50	27	5	5	-	-	2+	2+	1200	1024.2	+8	WN	2	60	85	6	5	-	-	10	10	800	0	*	76	57	49	-	-	4.2			
	Portland Bill	32	1022.2	-2	SW	1	56	22	7	5	-	-	10	10	2500	1024.4	+8	N	1	50	82	7	5	-	-	10	10	2500	0	2	63	55	*	-	-				
	Plymouth	82	1023.4	+2	-	0	58	22	7	-	-	1	0	Tr	-	1024.3	+6	-	0	50	82	5	-	3	-	0	9	-	0	2	73	55	51	-	-	*			
	The Lizard	240	1023.3	+8	N	2	61	22	6	8	-	-	4-6	4-6	2500	1023.9	+6	EN	2	61	85	7	3	-	-	4-6	4-6	2500	0	2	69	58	*	-	-	13.1			
	Scilly (St. Mary's)	163	1023.3	+2	E	2	50	27	7	5	-	-	10	10	1500	1023.9	+6	SE	2	62	27	7	8	3	-	2-3	4-6	1800	0	2	72	58	*	-	-	12.6			
	Guernsey	175																																					
6	Pembroke	142	1023.3	0	SW	2	56	27	1	-	-	-	10	10	1500	1024.2	-4	SE	1	58	27	4	5	-	-	10	10	1500	0	2	63	55	*	-	Tr	1.8			
7	Holyhead	26	1023.0	+6	SW	2	56	27	5	5	-	-	4-6	10	2000	1023.6	+4	-	0	50	82	6	5	-	-	2+	2+	3000	0	1	63	50	52	-	0.1	*			
	Chester (Sealand)	16	1022.1	+6	-	0	50	22	6	5	7	-	7-8	9	3000	1023.2	+6	NW	3	63	85	7	8	4	1	1	2-3	3000	0	*	76	50	53	-	-	3.6			
8	Manchester	70	1022.1	+6	W	2	50	27	5	7	-	-	9	10	2800	1023.5	+6	W	2	60	87	5	5	-	-	10	10	600	0	*	*	58	57	-	Tr	6.9			
10	Spurn Head	29	1021.4	+2	SE	2	50	27	6	8	-	-	10	10	1500	1021.5	+2	NW	3	63	85	5	8	-	-	7-8	7-8	2500	0	2	63	57	*	-	-	7.0			
	Catterick	175	1021.3	+8	-	0	61	85	5	5	7	-	4-6	2+	4000	1022.6	+10	-	0	63	85	7	5	-	-	2+	2+	2500	0	*	75	50	52	Tr	-	1.0			
	Tynemouth	108	1021.4	+6	NW	3	63	85	6	8	-	-	2+	2+	2500	1022.9	+14	N	3	58	85	6	8	-	-	2+	2+	2000	1	2	62	57	54	0.8	1	*			
11	St. Abbs Head	280	1020.1	+8	WNW	3	62	75	7	5	2	-	7-8	10	1500	1022.6	+12	NW	2	56	27	1	5	-	-	10	10	1500	1	2	67	54	*	Tr	4	Tr	0.8		
	Leuchars	36	1020.8	+10	SE	2	50	85	6	5	-	-	10	10	2500	1023.4	+4	SE	2	59	27	7	5	-	-	10	10	1200	0	*	70	58	58	Tr	Tr	0.8			
12	Renfrew (Abbots L.)	19	1022.2	+6	SW	2	55	22	8	5	4	*	Tr	4-6	3000	1023.3	+6	WSW	1	60	75	8	5	3	8	Tr	7-8	2500	0	*	76	53	45	-	-	2.1			
	Eskdalemuir	794														1022.9	+10	NE	2	61	75	8	1	3	2	Tr	4-6	2500	0	*	74	49	41	Tr	Tr	2.4			
	Point of Ayre	30	1022.6	+6	WNW	3	57	22	8	5	-	-	7-8	7-8	3000	1023.6	+8	WN	4	58	85	2	5	-	-	4-7	7-8	5000	0	2	70	53	*	-	-	3.3			
13A	Tiree	22	1023.6	+6	WNW	1	54	85	8	5	-	-	2+	2+	2100	1022.7	0	SW	1	56	85	8	5	-	-	7-8	7-8	2500	0	2	62	54	*	1	-	0.1			
13B	Stornoway	80	1022.8	+8	WNW	2	51	27	7	5	4	7	Tr	10	3500	1023.1	+2	SE	1	52	22	8	5	5	7	Tr	10	3500	1	1	65	47	*	2	-	2.6			
15	Dalwhinnie	1176														1023.9	-2	SW	2	57	85	8	2	-	-	4-6	9	2500	0	*	67	42	33	Tr	-	0.6			
	Aberdeen	79	1022.3	+14	NW	1	53	27	6	5	-	-	2+	2+	800	1023.3	+6	NW	1	57	85	8	5	-	-	8-4	6-7	3300	1	1	67	54	53	G	2	3.5			
	Wick	158	1022.3	+14	NW	1	53	27	6	5	-	-	2+	2+	800	1023.1	+4	NW	1	55	85	8	5	-	-	2	2-3	2+	1000	*	*	*	*	*	*				
16	Forwick	158	1021.0	+14	WNW	3	55	27	3	-	-	-	10	10	1150	1022.2	+6	W	2	52	27	6	5	7	6	4-6	9	100	*	*	*	*	*	*	*				
17	Blackod Point	18	1023.1	-4	NW	2	54	27	8	-	4	-	0	2-3	-	1022.5	-2	SE	1	59	22	8	-	7	-	0	2+	-	0	2	62	53	*	Tr	-	*			
18	Malin Head	84	1023.5	+2	NNW	1	55	22	7	5	-	-	2+	2+	1500	1023.3	0	-	0	55	85	8	2	6	-	4-6	7-8	4000	0	1	65	53	*	0.1	Tr	2.1			
	Aldergrove	268	1023.8	+8	N	1	55	27	7	5	-	-	10	10	1200	1024.0	0	-	0	58	85	8	5	-	-	2+	2+	2000	0	*	72	54	54	0.1	0.2	1.9			
19	Birr Castle	173	1022.7	0	W	1	62	22	8	5	-	-	7-8	7-8	2500																								
20	Valentia Obay.	30	1023.8	+2	WNW	1	58	27	1	-	-	-	10	10	1150																								
	Roches Point	22	1022.8	+4	SW	1	59	27	8	8	-	-	7-8	7-8	1500																								

## LONDON OBSERVATIONS

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

9h-18h, Kensington.

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

Height above M.S.L. in feet.

24 hrs. ended 9h.

Morning. Afternoon. Night.

Day Max. Night Min. Min. on Grass °F.

°F. °F.

Rainfall. mm. mm.

Sun-shine. to Sunset. hrs. hrs.

Humidity. 15h. 9h. G.M.T. G.M.T.

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 1st

SOUTH KENSINGTON.

Max. Time. Min. Time.

Kew Observatory.

Max. Time. Min. Time.

0.2 7-8h 10.1 15-24h

30th 30th

## FOREIGN OBSERVATIONS.

1st. G.M.T. 1st. G.M.T. 1st. G.M.T.

Evening. Morning. Past 24 Hours.



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 2nd July 1941  
No. 29577

OBSERVATIONS at 13h. G.M.T. 1st July														OBSERVATIONS at 18h. G.M.T. 1st July														PAST 24 HOURS.																					
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity. mi.	Cloud.			Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity. mi.	Cloud.			Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity. mi.	WEATHER.																	
				Dir.	Force.					Low.	Med.	High.			Low.	Total.					Height of Base. (feet).	Dir.	Force.			Low.	Med.					High.	Low.	Total.	Height of Base. (feet).	Dir.	Force.	Low.	Med.	High.	Low.	Total.	Height of Base. (feet).	Dir.	Force.	7h.—18h. 1st	13h.—18h. 1st	18h.—1st 2nd.	1h.—7h. 2nd.
1	London (Kew) ...	1023.4	-4	SW	2	c	75	65	7	7	-	-	7-8	7-8	2500	1023.3	-2	WN	3	bc	80	45	8	-	-	4	2-3	2-3	4000	0	*	bczoc	bcy	bcybbc	bcybbm														
	Croydon ...	1023.1	-2	WS	2	c	75	65	7	2	-	-	7-8	7-8	3000	1022.8	-2	SSE	2	bc	77	65	7	1	-	1	2-3	4-6	3000	0	*	bcmbzoc	bcybc	bcybbm	bcybbm														
	S. Farnborough	1023.4	0	SWW	2	bc	80	45	7	1	-	-	2-3	2-3	3500	1023.4	-2	WN	3	bc	75	45	8	1	-	5	1	2-3	4500	0	*	bczoc	bc	bcybbm	bcybbm														
	Boscombe Down	1023.0	-2	WSW	2	bc	75	65	7	1	-	-	4-6	4-6	3000	1023.8	-2	WN	2	bc	76	55	6	1	-	1	2-3	2-3	3000	0	*	cmobc	bcy	bcybbm	bcybbm														
	Thorney Island	1024.8	+0	SSE	1	b	71	75	7	-	-	-	0	0	-	1024.1	-4	SW	3	bc	68	85	7	-	-	4	0	2-3	-	0	*	cmobc	bcy	bcybbm	bcybbm														
	Lymington	1024.3	+8	SSE	1	b	69	75	7	-	-	-	0	0	-	1024.3	-2	SSE	1	b	66	85	8	-	-	0	0	-	-	0	*	cmobc	bcy	bcybbm	bcybbm														
	Manston	1024.0	+2	SE	1	bc	73	65	7	5	7	-	1	2-3	3000	1023.9	-2	SSE	3	b	73	55	8	-	-	0	0	-	-	0	*	idobzoc	bcybc	bcybbm	bcybbm														
2	Shoeburyness ...	1013.5	-8	SE	2	bc	76	65	5	1	7	-	2-3	2500	1023.0	-6	S	3	bc	72	75	6	5	-	-	2-3	2-3	2500	0	2	cmobzoc	bcybc	bcybbm	bcybbm															
	Felixstowe ...	1023.5	+2	SW	3	z	71	65	5	-	8	-	0	4-6	-	1023.3	-2	SSE	3	bc	66	75	8	3	-	-	4-6	4-6	3500	0	2	cmobzoc	bcybc	bcybbm	bcybbm														
	Gorleston ...	1023.3	0	SE	3	c	68	75	6	5	-	-	10	10	2000	1023.7	0	HEW	2	bc	72	72	6	8	-	-	7-8	7-8	2000	0	3	cmobzoc	bcybc	bcybbm	bcybbm														
	Mildenhall ...	1022.5	-2	WS	2	bc	75	65	7	2	-	-	4-6	4-6	3000	1022.6	+2	HE	3	bc	75	65	7	2	-	-	2-3	2-3	3000	0	*	cmobzoc	bcybc	bcybbm	bcybbm														
	Cranwell ...	1022.5	-2	NNW	2	z	77	65	6	8	-	-	7-8	7-8	3000	1023.1	+6	ESE	3	c	70	75	7	8	-	-	3+	3+	3000	0	*	cmobzoc	bcybc	bcybbm	bcybbm														
3	Birmingham ...	1023.4	0	NNW	1	bc	74	65	7	1	-	-	4-6	4-6	2500	1023.1	0	WNW	2	bc	78	35	8	1	-	-	4-6	4-6	4000	0	*	bfbc	bc	bcybbm	bcybbm														
	Upper Heyford	1022.7	-2	SWW	2	z	70	65	6	2	-	-	7-8	7-8	3000	1023.7	+4	NW	2	bc	75	55	7	2	-	-	2-3	2-3	3500	0	*	cmobzoc	bcybc	bcybbm	bcybbm														
4	Ross-on-Wye ...	1023.5	0	WN	3	bc	74	65	7	2	-	-	4-6	4-6	4000	1023.2	-4	W	3	bc	78	55	7	7	-	-	2-3	2-3	4000	0	*	bczoc	bcy	bcybbm	bcybbm														
5	Hartland Point ...	1025.1	+4	NE	2	bc	60	92	7	1	-	1	2-3	1500	1025.2	-2	N	1	bc	66	75	7	-	-	1	0	0	-	-	0	2	abc	bc	bcybbm	bcybbm														
	Bristol ...	1025.5	+8	NW	1	bc	72	65	8	1	-	4	4-6	4-6	3000	1024.1	0	WS	2	bc	74	65	8	-	-	5	0	2-3	-	0	*	cmobc	bcy	bcybbm	bcybbm														
	Portland Bill ...	1024.9	+4	SW	1	bc	72	65	7	4	-	-	4-6	4-6	2500	1025.1	+2	W	2	bc	61	85	7	2	-	-	2-3	2-3	2500	0	2	abc	bc	bcybbm	bcybbm														
	Plymouth ...	1025.6	+4	SWW	3	bc	70	65	8	2	-	1	2-3	2-3	2000	1025.5	-2	SW	3	b	67	75	7	1	-	-	1	0	3000	0	3	mb	bcybc	bcybbm	bcybbm														
	The Lizard ...	1024.7	0	ES	2	bc	69	75	7	7	-	-	2-3	2-3	4000	1025.5	+2	-	0	60	75	7	-	-	0	0	-	-	0	2	bc	bc	bcybbm	bcybbm															
	Scilly (St. Mary's)	1025.0	+2	WNW	1	b/f	75	6	-	-	-	-	-	-	-	1025.5	+2	ENE	2	b	71	75	7	5	-	-	1	1	1500	0	2	bczoc	b	bcybbm	bcybbm														
	Guernsey ...	1025.0	+2	WNW	1	b/f	75	6	-	-	-	-	-	-	-	1025.5	+2	ENE	2	b	71	75	7	5	-	-	1	1	1500	0	2	bczoc	b	bcybbm	bcybbm														
6	Pembroke ...	1024.2	0	SWW	7	b/f	63	85	5	5	-	-	10	10	1500	1025.5	+2	WS	2	bc	63	92	6	7	7	-	-	2-3	2-3	2500	0	2	Fe	abc	bcybbm	bcybbm													
7	Holyhead Valley ...	1024.2	+2	WSW	2	bc	66	75	7	2	-	-	2-3	4-6	2500	1024.7	0	SW	2	bc	61	85	7	2	-	-	2	2	2000	0	1	abc	bcybbm	bcybbm	bcybbm														
	Chester (Sealand)	1023.7	0	WNW	3	bc	73	65	8	2	4	-	1	4-6	2500	1024.2	+2	NW	3	c	67	75	8	5	2	-	-	3+	3+	5400	0	*	bczoc	bcybbm	bcybbm	bcybbm													
8	Manchester ...	1023.5	-2	WNW	3	c	76	55	8	1	-	-	2-3	7-8	3500	1023.7	-2	NW	3	c	75	45	8	-	-	5	5	0	0	-	0	*	cmobzoc	bcybbm	bcybbm	bcybbm													
10	Spurn Head ...	1023.4	+6	NE	4	z	66	75	5	1	-	-	4-6	7-8	4000	1024.1	+8	NNE	2	bc	57	92	2	-	-	-	10	10	1500	0	2	bczoc	bcybbm	bcybbm	bcybbm														
	Catterick ...	1023.5	+6	NNE	2	bc	73	65	5	5	-	-	4-6	4-6	4500	1023.9	+4	NNE	2	bc	66	85	7	8	4	-	-	4-6	4-6	2800	0	2	f	bcybbm	bcybbm	bcybbm													
	Tynemouth ...	1024.3	+4	NNE	3	c/f	68	85	5	-	-	-	7-8	7-8	4000	1024.5	+4	NE	2	cf	58	92	2	5	1	-	-	7-8	10	4000	0	2	f	bcybbm	bcybbm	bcybbm													
11	St. Abbs Head ...	1024.4	+2	E	3	bc	58	92	8	4	5	3	2-3	4-6	2000	1023.5	-4	SSE	3	cf	55	97	1	5	-	-	10	10	1000	1	2	ffbc	bcybbm	bcybbm	bcybbm														
	Leuchars ...	1024.2	0	E	3	bc	58	75	8	2	4	1	2-3	4-6	4500	1023.5	-2	E/S	3	if	59	85	3	-	-	-	10	10	1500	0	*	abc	bcybbm	bcybbm	bcybbm														
12	Renfrew (Abbots L.)	1023.2	-2	WSW	3	bc	73	65	8	2	-	8	2-3	4-6	3500	1023.0	-6	SSW	2	c	70	55	9	7	7	-	-	3+	3+	3500	0	*	bcybbm	bcybbm	bcybbm	bcybbm													
	Eskdalemuir ...	1022.7	0	WS	3	c	69	65	8	8	-	1	3	3	7500	1022.6	-4	SW	3	c	67	65	8	7	4	9	2-3	7-8	2500	0	*	bczoc	bcybbm	bcybbm	bcybbm														
	Point of Ayre ...	1024.3	+2	NNW	1	c	68	75	8	1	4	6	2-3	7-8	3000	1023.9	-6	S/E	3	bc	63	75	8	1	4	4	4	4	4000	0	2	c	bcybbm	bcybbm	bcybbm	bcybbm													
13A	Tiree ...	1023.4	0	SE	2	c	61	75	5	3	-	-	4-6	7-8	2500	1026.0	-6	SE/S	3	c	59	85	8	5	-	-	3	3	2500	0	3	c	bcybbm	bcybbm	bcybbm	bcybbm													
13B	Stornoway ...	1022.9	0	SSW	5	c	61	65	8	1	5	5	1	3	8500	1021.5	-4	S	4	c	58	85	5	7	-	-	7-8	3+	2500	1	3	c	bcybbm	bcybbm	bcybbm	bcybbm													
15	Dalwhinnie ...	1023.5	+3	SW	3	c	68	55	8	2	-	6	4-6	7-8	2500	1023.4	0	SW	3	c	66	55	8	8	7	-	-	4-6	3+	2500	0	*	cy	bcybbm	bcybbm	bcybbm													
	Aberdeen ...	1024.5	+8	SE	2	c	67	55	7	-	4	4-6	7-8	3100	1023.6	-6	SSE	3	c	58	75	8	-	-	7	-	0	7-8	-	1	1	cmobzoc	bcybbm	bcybbm	bcybbm														
	Wick ...	1023.9	+2	SSE	2	c	59	75	5	8	4	1	2-3	7-8	1400	1022.2	-4	SE	3	c	56	85	8	-	-	4	9	0	3+	-	0	*	bczoc																

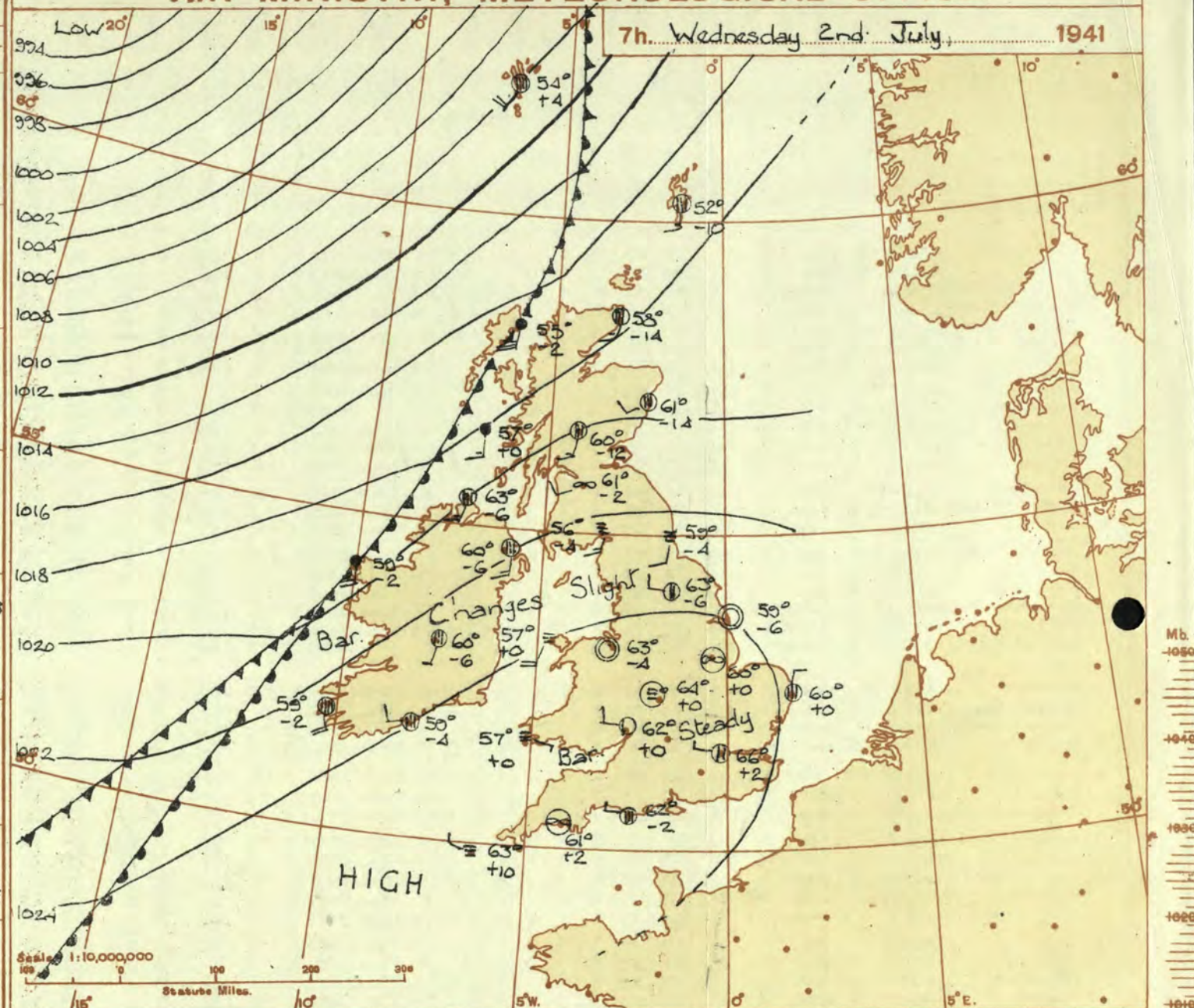


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 1st July					18h. G.M.T.					01h. G.M.T. 2nd July					07h. G.M.T.				
III	C <sub>u</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>N</sub>	DDFWN			
109	83	02855	12223	07	02890	15327	57	02774	18327	02	62538	00058							
115	53	02944	12226	54	02944	20125	52	81844	18287	5-	62638	20488							
203	5-	02945	18415	5-	02947	16427	5-	62838	16428	6-	64738	16588							
206	13	01964	10424	87	02965	08227	57	02864	28128	57	02865	00068							
210	73	02953	06525	13	02962	06317	53	02964	14225	57	22865	25268							
220	53	02953	19317	52	02863	18428				5-	64528	22468							
230	13	02951	21325	5-	02968	00028	6-	22858	20163	57	02784	19228							
245	80	01974	10225	5-	09618	10228	--	46209	14249	54	05623	15145							
260	8-	05667	02227				50	05563	00026	57	02864	20325							
277																			
279	83	02762	20328	13	01961	20315				5-	05638	10128							
285	23	03855	28218							24	05634	26514							
288	5-	05576	04326	53	05562	03314	--	48008	00049	04	41590	20243							
273																			
301	13	01853	28314	5-	02866	30216	50	00761	24101	53	05635	18245							
321	2-	05665	32315	53	05664	07326	03	05590	00012	03	05690	00011							
299	5-	08415	28445	--	46109	28349	50	08444	23214	50	05533	20243							
292	8-	02756	27226	2-	02866	07321	04	05690	00082	00	05590	00041							
310	--	01644	26314							--	01642	24112							
316	8-	05565	04225	8-	05566	06226	00	05590	00011	00	05490	20111							
333	50	01741	16313	40	09643	16314	5-	05538	18228	5-	05625	18247							
334				--	03746	28328				--	03647	26228							
340	2-	01864	30224	19	00871	30313	50	05673	00013	00	00790	22202							
136	13	00661	02311	08	05690	06314	--	48209	32219	54	01773	06114							
336	13	01763	32315	14	01763	26314				13	01763	32314							
350	20	05664	20214	40	05663	24213				5-	43365	22145							
308	20	05652	24313							50	09535	22115							
379	20	01755	20215	10	05772	24203	00	05690	22200	00	05690	26201							
390	5-	05565	24315	80	01753	24314	5-	08452	24112	00	05590	26200							
382	10	05553	20203	13	00762	23213	03	05690	00014	00	05690	26201							
438	00	00790	24100							51	01763	00003							
430	p1	00761	20301	00	00790	18202	00	05690	02100	00	05690	00001							
409	50	01744	28304	00	00890	02101	00	00890	00000	00	00790	00000							

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.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12. NOON, G.M.T. Wednesday 2nd July

1 S.E. England	Light variable to southwest winds; fine at first, but cloud increasing later; coast fog in the West; warm.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light to moderate southwest winds; fair at first; occasional rain later;
8 N.W. England	some fog on west coasts; rather warm today; cooler tomorrow.
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 southwest winds; cloudy with occasional rain; some bright intervals later; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Light to moderate southwest wind; fair at first; occasional rain later; average temperature.
20 S. W. Ireland	As 13A-18.

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

GENERAL INFERENCE.

A ridge of high pressure extends across England from the Azores while a trough of low pressure associated with a depression over Iceland is moving eastwards across Scotland and Ireland. Weather will continue fine and rather warm in southeastern districts, though with some increase of cloud later. In the North and West there will be some rain, and temperatures about normal.

FURTHER OUTLOOK.

Becoming mainly fair again in all districts.

Warm Front   
Cold Front   
Occlusion

Forecasts issued at 10.30.3.M.T.

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

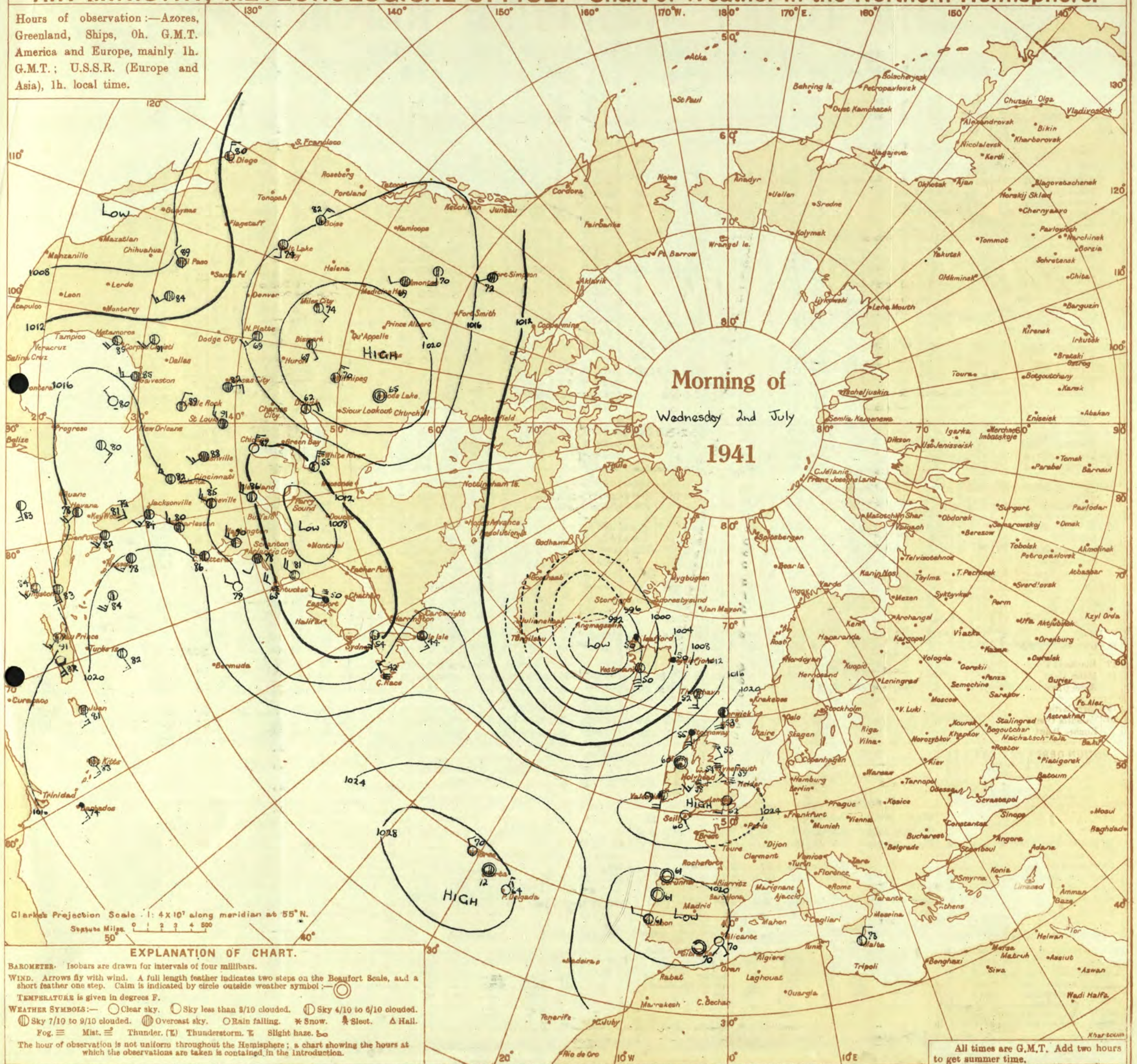
H.M.S.O. Press, Cornwall House, S.E.1.

G. 266. Hrs. 0176. D. 0034. Gp. 948. 9300. 5/41



# 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 2nd July 1941  
No. 20,077.

OBSERVATIONS at 1 hr. G.M.T. 2nd July														OBSERVATIONS at 7 hr. G.M.T. 2nd July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 1st Hr.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Direc.	Force.					Low.	Med.	High.	Total.	Low.			Med.	High.					Total.	Height of Base (feet).	Low.	Med.	High.			Total.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																																							0-12	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Thursday 3rd July 1941  
No. 22,078

OBSERVATIONS at 13h. G.M.T. 2nd July														OBSERVATIONS at 18h. G.M.T. 2nd July														PAST 24 HOURS.																			
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (29)	Change in 8 hours. (30)	WEATHER.																	
				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) (28)	State of Ground. 0-6 (29)	7h.—13h. ...2nd... (37)	13h.—18h. ...2nd... (38)	18h.—2nd 1h.—3rd (39)			1h.—7h. ...3rd... (40)																	
1	London (Kew)...	1022.8	-3	WN	2	bc	70	45	8	1	1	2-3	2500	1021.0	-12	WNW	3	bc	79	45	8	7	1	1	4-6	4-6	2500	0	1	WNW	3	bc	79	45	8	7	1	1	bzby	byby	bzby	bzo					
	Croydon ...	1022.7	-8	NNW	2	bc	80	55	8	1	1	2-3	2500	1021.1	-10	W	1	bc	81	55	8	1	1	1	2-3	2-3	4500	0	1	W	1	bc	81	55	8	1	1	1	bzby	byby	bzby	bzo					
	S. Farnborough	1023.0	-10	WNW	3	b	81	55	8	1	1	Tr	1	4000	1021.5	-8	W/N	4	b	80	45	8	1	1	Tr	1	4500	0	1	W/N	4	b	80	45	8	1	1	1	by	bybc	byb	b,c					
	Boscombe Down	1023.7	-10	W/N	3	b	78	45	7	1	1	1	1	4000	1022.4	-10	W/N	3	b	76	55	7	1	1	1	0	0	0	0	1	W/N	3	b	75	65	7	1	1	1	bmabz	by	bw	b,c				
	Thorney Island	1023.3	-6	W	3	b	81	55	7	1	1	Tr	1	4000	1022.0	-10	W/S	3	b	75	65	7	4	1	Tr	Tr	5700	0	1	W/S	3	b	73	75	6	2	6	1	1	1	bzby	byb	bmo	bmo			
	Lymington	1023.0	-6	SE	2	z	71	75	6	2	1	4-6	4-6	5000	1021.3	-8	SE	2	z	73	75	6	2	6	1	1	3500	0	1	SE	2	z	73	75	6	2	6	1	1	1	cmabz	bz,cprk	bmo	bmo			
	Manston	1023.0	-6	SE	2	z	73	65	6	1	1	Tr	2-3	3500	1021.5	-6	SE	1	z	76	85	6	1	3	1	0	Tr	0	1	SE	1	z	76	85	6	1	3	1	1	1	bmabz	bz,cprk	bmo	bmo			
2	Shoeburyness ...	1022.8	-10	ESE	3	b	73	75	6	2	1	1	4000	1021.4	-10	E	3	b	66	85	6	1	1	1	0	0	0	0	1	E	3	b	66	85	6	1	1	1	1	bzby	bz	bz	bmo				
	Felixstowe ...	1022.8	-6	SE	2	z	73	65	6	1	1	0	0	0	1021.6	-8	SSE	1	z	63	85	6	1	3	0	9	0	0	1	SSE	1	z	63	85	6	1	3	0	1	1	bzby	bz	bz	bmo			
	Gorleston ...	1023.8	-2	ESE	1	bc	68	85	6	1	3	0	4-6	0	1021.7	-10	SSE	3	bc	63	85	6	5	1	4-6	4-6	2500	0	2	SSE	3	bc	63	85	6	5	1	1	1	1	bzby	bz	bz	bmo			
	Mildenhall ...	1022.4	-6	WSW	2	bc	80	55	7	1	1	4-6	4-6	3000	1020.2	-10	WSW	2	bc	81	45	8	2	6	2-3	4-6	3500	0	1	WSW	2	bc	81	45	8	2	6	1	1	1	cmabz	bz	bz	bmo			
	Cranwell ...	1022.0	-10	W	3	b	81	45	7	1	1	1	3500	1020.2	-10	W	4	b	80	55	7	1	1	1	1	0	0	0	1	W	4	b	80	55	7	1	1	1	1	1	cmabz	bz	bz	bmo			
3	Birmingham ...	1023.0	-4	NW	2	bc	72	45	8	1	1	4-6	4-6	4000	1021.3	-10	W	2	bc	78	35	8	1	1	4-6	4-6	4000	0	1	W	2	bc	78	35	8	1	1	1	1	1	bzby	bz	bz	bmo			
4	Upper Heyford	1022.7	-8	WNW	2	bc	80	45	8	1	1	Tr	2-3	3500	1021.2	-10	NW	2	bc	79	45	8	8	1	4-6	4-6	3000	0	1	NW	2	bc	79	45	8	8	1	1	1	1	bzby	bz	bz	bmo			
	Ross-on-Wye ...	1022.7	-10	W	3	bc	78	55	8	1	1	2-3	2-3	4000	1021.3	-10	W/S	4	b	77	45	8	7	1	1	1	4000	0	1	W/S	4	b	77	45	8	7	1	1	1	1	bzby	bz	bz	bmo			
5	Hartland Point	1024.9	-6	SW	2	b	65	85	7	1	1	Tr	1	2500	1023.5	-10	W	3	bc	67	85	7	1	1	Tr	2-3	4000	0	2	W	3	bc	67	85	7	1	1	1	1	1	1	bzby	bz	bz	bmo		
	Bristol ...	1024.3	-4	W	4	b	76	55	8	1	1	Tr	Tr	3000	1023.8	-10	W	4	b	74	45	8	1	4	0	Tr	0	0	0	1	W	4	b	74	45	8	1	4	0	1	1	1	bzby	bz	bz	bmo	
	Portland Bill ...	1026.0	0	W	2	bc	62	85	7	1	1	2-3	2-3	2500	1023.1	-10	W	2	b	62	85	7	1	1	0	0	0	0	0	2	W	2	b	62	85	7	1	1	1	1	1	bzby	bz	bz	bmo		
	Plymouth ...	1025.6	-4	WSW	3	bc	69	75	7	1	1	Tr	2-3	2000	1024.0	-10	WSW	3	bc	68	85	7	1	1	Tr	Tr	3000	0	3	WSW	3	bc	68	85	7	1	1	1	1	1	1	bzby	bz	bz	bmo		
	The Lizard ...	1025.2	-4	W	2	b	71	85	7	1	1	0	0	0	1024.6	-4	W/N	2	b	68	92	7	4	1	1	4000	0	1	W	2	b	68	92	7	4	1	1	1	1	1	1	bzby	bz	bz	bmo		
	Scilly (St. Mary's)	1025.5	-2	WSW	2	bc	72	75	6	5	1	4-6	4-6	1500	1024.3	-10	W	2	b	68	75	6	1	1	0	0	0	0	0	2	W	2	b	68	75	6	1	1	1	1	1	1	bzby	bz	bz	bmo	
	Guernsey ...	1025.5	-2	WSW	2	bc	72	75	6	5	1	4-6	4-6	1500	1024.3	-10	W	2	b	68	75	6	1	1	0	0	0	0	0	2	W	2	b	68	75	6	1	1	1	1	1	1	bzby	bz	bz	bmo	
6	Pembroke ...	1024.8	-4	SWW	1	bc	64	85	7	1	7	2-3	2-3	4000	1023.3	-6	WSW	3	c	62	92	7	8	1	7-8	7-8	2500	0	2	WSW	3	c	62	92	7	8	1	1	1	1	1	bzby	bz	bz	bmo		
7	Holyhead ...	1023.6	-2	SSW	4	z	59	85	6	5	2	1	1000	1021.7	-14	SSW	4	c	61	85	8	5	4	1	7-8	7-8	3000	0	3	SSW	4	c	61	85	8	5	4	1	1	1	1	1	bzby	bz	bz	bmo	
	Chester (Sealand)	1022.8	-12	WNW	2	bc	75	55	8	1	4	4-6	4-6	2500	1021.3	-6	SWW	2	bc	70	65	7	1	4	2	4-6	2500	0	1	SWW	2	bc	70	65	7	1	4	2	1	1	1	1	bzby	bz	bz	bmo	
8	Manchester ...	1021.5	-22	W	3	bc	78	45	8	1	4	4-6	4-6	3000	1021.6	-2	WNW	3	bc	79	75	7	1	1	0	4-6	0	0	1	W	3	bc	79	75	7	1	1	1	1	1	1	bzby	bz	bz	bmo		
10	Spurn Head ...	1022.1	-10	SE	3	z	62	85	6	1	1	0	2-3	0	1020.2	-10	SE	3	z	64	85	6	1	1	0	4-6	0	0	2	SE	3	z	64	85	6	1	1	1	1	1	1	bzby	bz	bz	bmo		
	Catterick ...	1022.0	-6	W	4	bc	73	55	8	2	4	4-6	4-6	3500	1020.8	-4	W	3	c	66	75	8	5	7	4-6	7-8	2800	0	2	W	3	c	66	75	8	5	7	6	1	1	1	1	bzby	bz	bz	bmo	
	Tynemouth ...	1021.6	-10	W	3	bc	73	75	6	2	1	4-6	4-6	2000	1020.3	-4	NW	3	c	71	65	7	5	1	9	9	2500	0	2	NW	3	c	71	65	7	5	1	1	1	1	1	1	bzby	bz	bz	bmo	
11	St. Abbs Head	1018.4	-4	WSW	4	c	70	65	8	7	4	2-3	7-8	2500	1019.3	-2	NW	2	c	60	85	8	8	2	7-8	10	2000	0	2	NW	2	c	60	85	8	8	2	1	1	1	1	1	bzby	bz	bz	bmo	
	Leuchars ...	1018.7	-12	W	5	c	71	55	8	7	7	2	4-6	7-8	4000	1018.4	-8	WSW	3	c/r	66	75	7	5	7	4-6	9	1800	0	1	WSW	3	c/r	66	75	7	5	7	1	1	1	1	1	bzby	bz	bz	bmo
12	RAF (Abbots L.)	1024.7	-2	SW	3	bc	62	85	7	5	2	7-8	10	1100	1019.6	-10	SW	3	c/r	61	92	6	5	1	10	10	600	1	1	SW	3	c/r	61	92	6	5	1	1	1	1	1	1	bzby	bz	bz	bmo	
	Eskdalemuir ...	1020.6	-8	SW	4	c	65	75	8	8	1	9	2500	1020.0	-6	SW	4	c	59	92	6	5	1	10	10	200	0	1	SW	4	c																



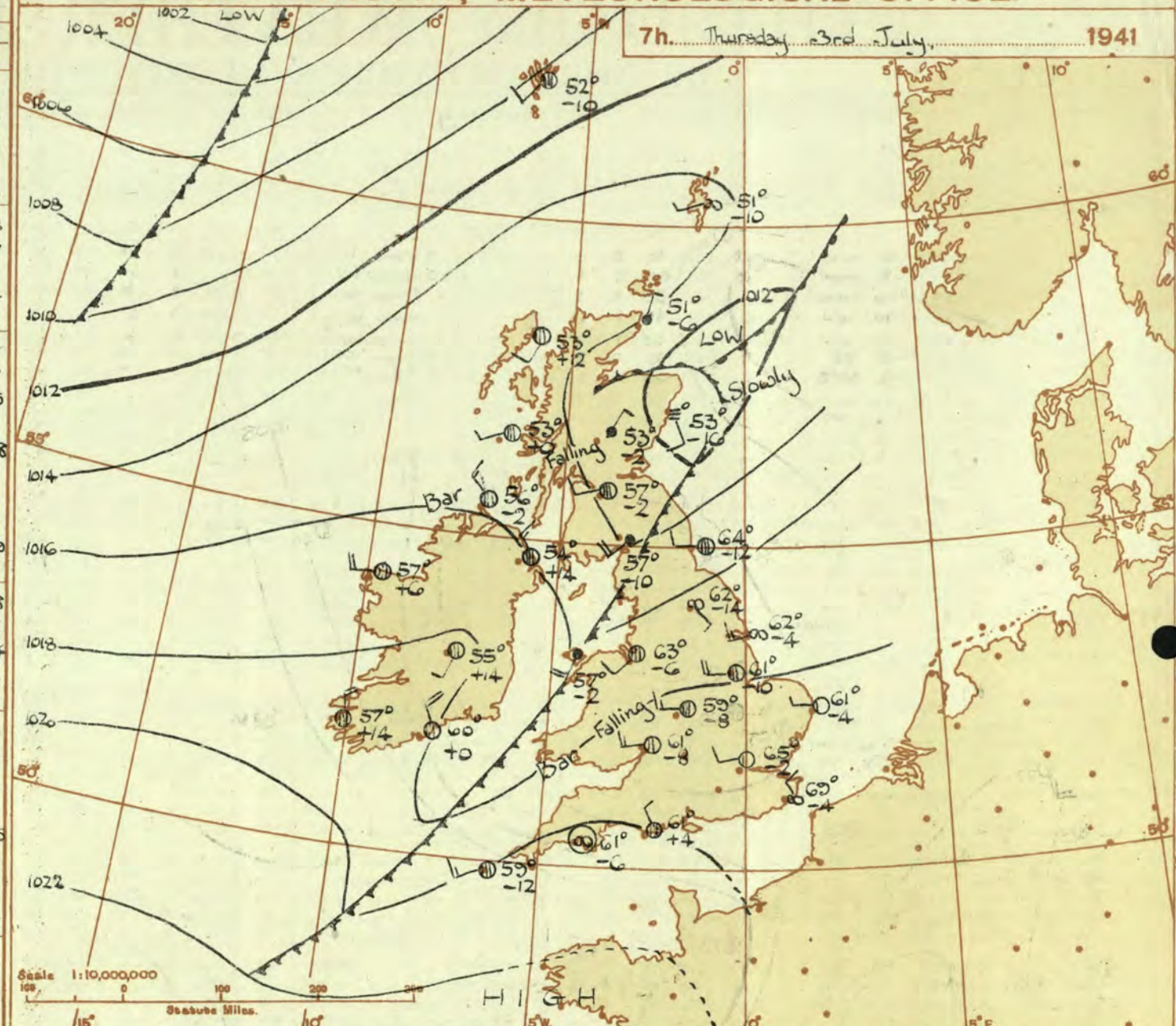
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 2nd July	18h. G.M.T.	01h. G.M.T. 3rd July	07h. G.M.T.
III, C, W, V, N, D, DFWN	C, C, W, V, N, D, DFWN	C, C, W, V, N, D, DFWN	C, C, W, V, N, D, DFWN
109 5- 22848 23468 53 02855 24326 57 03765 20128 5- 64648 16168			
115 52 00734 22457 55 02844 20227 52 02844 20227 52 02844 20227			
203 6- 62838 16458 5- 01835 16325 5- 02838 16228 5- 81838 16388			
206 77 22865 20368 52 16365 05228 5- 61838 06368 72 62747 12168			
210 52 22864 18267 57 02955 04328 5- 64638 07368 5- 22738 31368			
220 23 01853 23204 53 01753 23217 53 25845 26286			
230 52 52645 20268 5- 64578 24268 5- 62538 00068 53 02866 24267			
245 57 02753 24327 57 22862 20366 -- 57808 10169 5- 47308 17368			
260 73 02865 22316 52 02856 22368 52 51744 20158 52 61854 20367			
277			
279 8- 01754 20414 5- 05515 20427			02 54538 18468
285 23 01854 22514			6- 62538 22668
288 24 02863 22414 57 01864 22215 57 02766 18227 07 02890 20415			
273			
301 50 01724 24314 50 01773 26224 50 03642 00013 5- 63648 22368			
321 20 05664 02214 03 01700 23214 00 08490 00014 00 05630 18211			
299 50 05544 16414 50 05644 16314 50 01753 00013 54 05553 16214			
292 10 01863 20314 07 01890 20315 54 05661 00012 53 05663 16214			
310			22 44200 12349
316 20 00762 20202 10 01862 00114 04 08490 00003 5- 05638 18328			
333 51 02845 18328 5- 02847 20327 5- 02638 17428 5- 58428 18368			
334 -- 01854 22214			-- 03438 20528
340 20 01853 24213 20 00000 22312 50 05643 22213 53 01843 20324			
136 20 01764 23114 10 01761 00083 04 05690 00012 94 05690 27814			
336 13 01763 20314 06 01790 24312 52 03762 16322			
350 10 01853 22343 10 00861 26201			5- 05538 18328
368 10 00761 23301			5- 02736 24316
379 10 01851 20202 10 00753 20203 00 05690 24100 10 05642 22302			
390 8- 05664 23214 40 00763 25813 00 00790 23200 00 05690 24102			
382 10 00861 24362 40 01864 23414 00 00790 24200 5- 05645 23325			
438 15 01753 24414			50 00752 22302
430 40 00861 22303 20 00761 22401 00 00790 00000 50 00741 24201			
409 10 00751 22301 00 05790 21312 5- 47108 18148			

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>h</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 3rd July 1941



DISTRICTS.

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

1 S.E. England	Wind light west becoming moderate southwest; fine most of today, cloud increasing tonight with slight rain and local thunderstorms; warm today becoming cooler.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh southwest wind veering northwest; cloudy, occasional rain or drizzle and local thunderstorms today, bright periods later; some coast and hill fog; becoming cooler.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate southwest wind veering west-northwest later; cloud increasing with some rain and local thunderstorms today, bright periods later; becoming cooler.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate southwest wind veering northwest; cloudy with rain at first; bright periods later; cooler than of late.
13 { A.W. Scotld. B.N.W. Scot- land.	Light or moderate west wind mainly cloudy but bright intervals; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	Moderate west-northwest wind; bright periods; average temperature.

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

SEA DISTURBANCE. Rough. High.

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

GENERAL INFERENCE.

Pressure continues high to southward of the British Isles. A deepening secondary depression off Northeast Scotland will move east northeast and an associated trough of low pressure will move southeast across England and Wales. Cloudy weather with some rain or drizzle and local thunderstorms will accompany the trough, but it will be fine and very warm for most of the day in the Southeast. Fair but cooler weather will occur in Ireland and West Scotland today and will spread to all districts later.

FURTHER OUTLOOK.

Fair in the Southeast; occasional rain in the Northwest.

▲▲▲▲ Cold front  
▲▲▲▲ Warm front  
▲▲▲▲ Occlusion.

Forecasts issued at 10.30h.

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

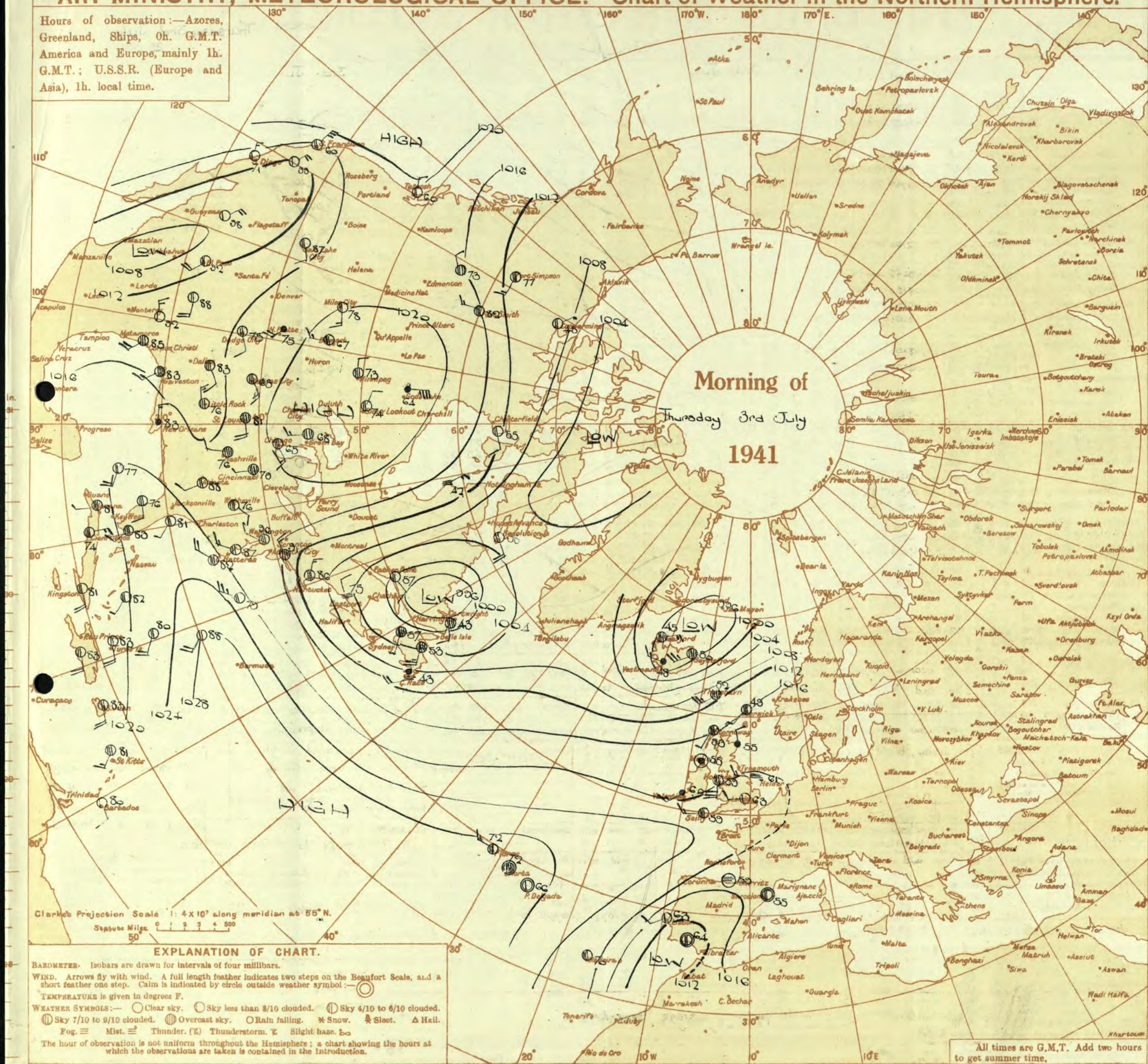
H.M.S.O. Press, Cornwall House, S.E.

G. 268. No. 0170. 0.5034. 0.948. 3300. 5/41



# 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 3rd July 1941  
No. 25,078

OBSERVATIONS at 1 hr. G.M.T. 3rd July														OBSERVATIONS at 7 hr. G.M.T. 3rd July														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. (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.		RAINFALL.		Sun-shine (36)				
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)			Force. (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (25)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
																																Low. (12)		Med. (13)	High (14)	Low (19)	Med. (20)
1	London (Kew) ... 18	217	1021.1	-2	W	2	b	63	65	6	-	-	-	1019.7	-4	WSW	3	20	63	75	6	-	-	-	-	0	*	82	60	50	-	-	13.0				
	Croydon ... 226	1021.2	-8	W	2	b	61	75	7	-	-	-	-	1019.7	-2	WS	2	6	65	75	7	-	-	5	0	1	0	*	83	57	52	-	-	14.5			
	S. Farnborough ... 417	1022.4	-6	W	0	0	57	85	7	-	-	-	-	1020.4	-8	SW	3	20	62	66	6	-	-	10	10	800	0	*	80	54	43	-	-	14.8			
	Thorney Island ... 10	1021.1	-10	W	2	20	60	85	7	-	-	-	-	1019.5	-8	NW	2	20	58	52	6	-	-	4	0	10	0	*	82	56	50	-	-	*			
	Lymington ... 346	1020.7	-6	WNW	2	20	60	92	5	-	-	-	-	1019.6	-4	NW	2	20	60	85	6	-	-	4	0	10	0	*	76	54	49	-	-	11.6			
	Manston ... 154	1019.8	-10	WNW	1	20	60	97	6	-	-	-	-	1018.8	-4	WN	2	20	63	65	6	-	-	0	0	0	0	*	76	59	58	-	-	12.7			
2	Shoeburyness ... 11	1019.9	-10	W	0	20	62	85	6	-	-	-	-	1018.9	0	W	1	60	67	65	6	-	-	1	0	2-3	0	*	75	59	48	-	-	13.2			
	Felixstowe ... 15	1020.2	-8	NW	3	20	61	85	6	-	-	-	-	1018.2	-2	WNW	2	6	65	75	6	-	-	1	0	1	0	1	74	60	54	-	-	9.8			
	Gorleston ... 5	1020.2	-8	NW	3	20	61	85	6	-	-	-	-	1018.2	-2	W	1	6	61	85	6	-	-	0	0	0	0	1	65	58	50	-	-	*			
	Mildenhall ... 19	1019.4	-10	SW	1	20	62	85	6	-	-	-	-	1018.2	-2	WSW	2	20	62	75	6	-	-	1	0	2-3	0	*	83	52	50	-	-	10.1			
	Cranwell ... 240	1019.9	-4	NW	1	20	60	85	6	-	-	-	-	1017.7	-10	W	4	6	61	85	7	-	-	9+	9+	2500	0	*	83	56	52	-	-	12.1			
3	Birmingham ... 535	1021.1	-6	W	0	6	57	85	7	-	-	-	-	1018.3	-8	W	3	6	59	85	7	-	-	9+	9+	2500	1	*	80	58	46	-	-	12.6			
	Upper Heyford ... 408	1021.1	-6	W	0	6	57	85	7	-	-	-	-	1018.3	-8	W	3	6	59	85	7	-	-	9+	9+	2500	1	*	80	58	46	-	-	12.6			
4	Ross-on-Wye ... 223	1021.1	-6	W	0	6	57	85	7	-	-	-	-	1018.3	-8	W	3	6	59	85	7	-	-	9+	9+	2500	1	*	80	58	46	-	-	12.6			
5	Hartland Point ... 299	1021.7	-10	WSW	3	4	62	85	6	-	-	9	9	1500	1019.4	-8	WSW	4	6	61	85	7	-	-	9	9+	1000	0	3	68	60	59	-	-	13.7		
	Bristol ... 209	1022.0	-6	SW	2	20	59	92	6	-	-	1	1	2-3	1020.1	-2	W	4	6	63	85	7	-	-	9+	9+	1400	0	*	77	58	51	-	-	14.1		
	Portland Bill ... 32	1022.1	-4	W	1	0	56	92	7	-	-	-	-	1020.6	+4	NW	1	60	61	85	7	-	-	2-3	2-3	2500	0	2	64	53	-	-	-	*			
	Plymouth ... 82	1023.1	-2	W	0	20	58	97	6	-	-	-	-	1021.3	-6	W	0	20	61	85	5	-	-	1	2-3	800	0	2	70	56	48	-	-	13.6			
	The Lizard ... 240	1022.9	-4	NW	2	m	61	97	4	-	-	4-6	4-6	1500	1021.0	-6	WS	2	60	62	97	8	-	-	4-6	4-6	2500	0	2	72	59	-	-	-	14.1		
	Scilly (St. Mary's) ... 163	1022.8	-8	W	3	6	59	97	7	-	-	7-8	7-8	1500	1020.6	-12	WSW	3	6	59	92	7	-	-	10	10	1200	0	2	73	57	-	-	-	12.5		
	Guernsey ... 175	1022.8	-8	W	3	6	59	97	7	-	-	7-8	7-8	1500	1020.6	-12	WSW	3	6	59	92	7	-	-	10	10	1200	0	2	73	57	-	-	-	12.5		
6	Pembroke ... 142	1020.8	-10	WSW	3	6	59	85	7	-	-	9+	10	1500	1019.3	-4	SW	3	6	59	97	7	-	-	7-8	10	2500	0	2	66	57	-	-	-	5.8		
7	Holyhead Valley ... 26	1019.2	-14	S	6	6	59	92	6	-	-	10	10	1000	1016.9	-2	SW	4	DD	57	97	4	-	-	10	10	200	1	2	64	54	54	-	-	3		
	Chester (Sealand) ... 16	1019.7	+12	W	0	60	57	85	6	-	-	1	0	2-3	1019.3	-6	SW	2	6	63	75	8	-	-	7-8	10	1700	0	*	78	55	49	-	-	13.7		
8	Manchester ... 70	1020.1	-10	SW	1	m/f	51	97	4	-	-	7-8	10	3000	1017.4	-8	SW	2	20	61	85	6	-	-	7-8	10	3000	0	*	79	50	45	-	-	13.7		
10	Spurn Head ... 29	1019.6	-8	WN	3	20	61	85	6	-	-	0	0	-	1017.2	-4	WSW	3	20	62	85	6	-	-	0	0	-	0	1	65	59	-	-	-	9.1		
	Catterick ... 175	1018.9	-10	W	0	20	60	85	6	-	-	4-6	4-6	2400	1015.6	-14	SE	1	20	62	85	6	-	-	4-6	9+	1000	0	*	75	56	55	-	-	12.5		
	Tynemouth ... 108	1019.0	-10	W	2	6	61	85	6	-	-	7-8	7-8	2500	1015.7	-12	W	2	6	64	75	6	-	-	9+	9+	4200	0	2	76	59	58	-	-	9		
11	St. Abbs Head ... 280	1016.4	-20	W	3	6	58	92	7	-	-	7-8	9+	2000	1012.5	-16	SW	5	C/r	59	92	8	-	-	7-8	9+	1500	1	3	72	57	-	-	-	*		
	Leuchars ... 36	1016.1	-18	W	2	60	59	97	5	-	-	10	10	800	1012.3	-14	WSW	2	6	61	92	7	-	-	9	10	900	1	*	73	60	59	-	-	3		
12	Renfrew (Abbots L.) ... 19	1015.8	-22	SW	1	m	60	97	5	-	-	10	10	1200	1013.6	-2	WS	2	C/d	57	85	8	-	-	7-8	9+	2500	1	*	66	57	55	-	-	0.1		
	Eskdalemuir ... 794	1017.2	-14	SW	3	6	63	85	8	-	-	7-8	10	2500	1013.9	-10	SW	4	r/r	57	97	6	-	-	10	10	220	1	*	67	55	55	-	-	6		
	Point of Ayre ... 30	1017.2	-14	SW	3	6	63	85	8	-	-	7-8	10	2500	1014.6	-8	WS	5	r/r	61	97	6	-	-	7-8	10	800	1	4	72	57	-	-	-	4.8		
13a	Tiree ... 22	1015.1	-16	W	3	6	53	92	7	-	-	9+	9+	1800	1014.4	0	WSW	1	6	53	92	7	-	-	7-8	7-8	1500	1	3	58	51	-	-	-	0.2		
13b	Stornoway ... 80	1016.1	-30	SW	1	6	53	92	6	-	-	7-8	9	1000	1015.1	+12	SW	2	6	53	92	8	-	-	7-8	9	1000	1	1	62	51	-	-	-	0.8		
15	Dalwhinnie ... 1176	1016.1	-30	SW	1	6	53	92	6	-	-	7-8	9	1000	1014.0	-2	NNE	1	100	53	92	7	-	-	10	10	1500	1	*	63	52	52	-	-	0.0		
	Aberdeen ... 79	1016.1	-30	SW	1	6	53	92	6	-	-	7-8	9	1000	1014.0	-2	NNE	1	100	53	92	7	-	-	10	10											



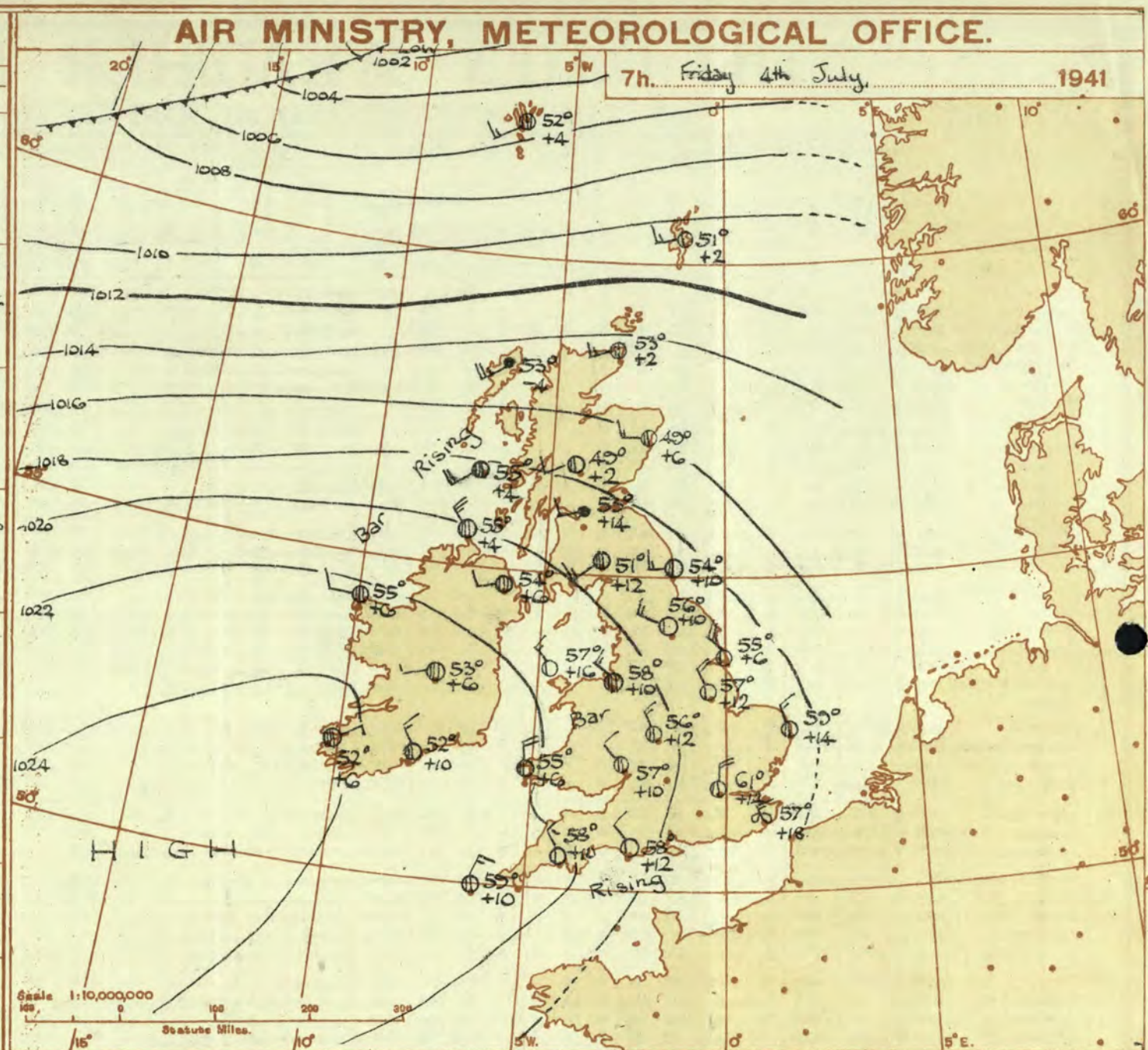
AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Friday 4th July 1941  
No.

OBSERVATIONS at 13h. G.M.T. 3rd July														OBSERVATIONS at 18h. G.M.T. 3rd July														PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours. (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)			State of Ground. 0-9 (29)	Sea. 0-9 (30)	7h.—13h. ... 2nd ... (37)	13h.—18h. ... 3rd ... (38)	18h.—3rd to 1h.—4th ... (39)	1h.—7h. ... 4th ... (40)	
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Thorney Island Lympne ... Manston ...	1016.7 1016.7 1016.9 1017.8 1018.1 1017.5 1016.2	+20 -18 -16 -14 -10 -8 -12	W/H W/H W W/S SW SW NW/H	2 3 4 4 3 3 2	b b b c b b b	73 78 79 76 74 75 80	55 55 45 55 65 65 45	8 8 8 7 7 8 7	1 1 1 1 1 1 1	5 1 1 1 1 1 1	Tr Tr Tr 9-6 0 Tr 0	2500 - - 3000 - 1-3500 -	1015.5 1015.6 1015.8 1017.1 1016.5 1016.2 1015.0	-6 -2 -4 -2 -14 -8 -6	WNW W W/H W/H W/S SW WSW	3 3 3 4 3 2 2	c c c Z bc b Z	75 75 75 67 70 73 78	65 65 65 83 85 68 53	8 8 8 6 6 8 6	5 4 5 5 5 5 1	2 1 1 1 1 1 1	9 10 10 9 9 4 1	2500 3000 3700 1800 5700 -	0 0 0 0 0 0 0	0 0 0 0 0 0 0	*	*	*	*	*	bbszby bbszby bbszby abcmob cmob bmaby bezaby	bbszby bbszby bbszby c bbszby bbszby bybzay	c acid. id.cmcob cprsdadcmo cmorfo bucimorfo cid.zedalam	cbsb id.cbc cmobob bmob cmorfo cmorfo delffo
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1016.5 1016.0 1015.9 1015.6 1015.4	-16 -18 -12 -14 -14	W/S WNW WNW W W	2 2 2 4 4	b b b bc c	79 80 80 77 74	35 45 45 55 65	6 7 7 7 7	4 - - 1 1	- - - 4 5	0 Tr 0 4-6 4-6	1 - - 3000 2800	1014.9 1014.3 1014.0 1014.8 1015.1	-6 -10 -6 0 +2	WNW NW NW NW NW	2 3 3 3 3	bc c c c c	70 80 83 73 68	55 45 35 65 75	6 8 5 7 7	8 1 5 5 5	7 5 3 2 7	- - - 9 10	4-6 7-8 9 10 10	2500 4000 2500 2500 2200	0 0 0 0 0	1 0 2 0 0	*	*	*	*	cmc bmaby beb bmaby cbac	bbszby bbszby bbszby bbszby cid	bc c c c c	cid cid cid cid cid
3	Birmingham Upper Heyford	1016.6 1016.4	-8 -16	WSW WSW	3 3	c c	69 76	65 75	8 8	5 5	2 7	- - 4-6 4-6	10 10	1017.0 1015.7	0 -2	WNW SW	3 3	c c/d	58 69	97 75	5 7	6 5	- 7	- 9	10 9	450 1400	1 0	1 0	*	*	cmc bmaby bbcc	cid cid cid	vr.oc cid cid	cbc bcmo bcmo		
4	Ross-on-Wye ...	1017.3	-8	WSW	4	c	69	75	8	5	7	- 4-6	9	1016.3	-10	SW	3	c	66	85	7	5	7	- 9	9	2500	0	*	cmc bbcc	cid cid	vr.oc cid cid	cbc bcmo bcmo				
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) Guernsey ...	1018.3 1018.5 1019.4 1020.1 1020.1 1019.7	-6 -6 -4 -6 -8 -6	WSW W/H SW SSW W W	2 4 4 4 3 4	dF c bc Z if Sp	60 70 62 65 62 63	97 75 85 85 97 92	1 1 7 6 5 5	- 1 4 - - -	- 3 - - - -	- 10 4-6 10 10 10	10 10 10 10 10 10	1018.3 1017.9 1017.5 1017.5 1018.9 1019.5 1020.0	+2 -4 -8 -6 -2 +2	NW W SW W W W	3 3 3 3 3 3	c c c c c c	58 64 60 65 61 63	97 97 83 92 97 75	7 7 7 7 8 8	5 5 5 5 8 5	4 1 1 1 2 2	- -<												



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 3rd July				18h. G.M.T.				01h. G.M.T. 4th July			
III	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>
109	83	02745	24357	2-	02844	26424	53	02845	23425	8c	02745
115	52	81844	22387	54	02844	22385	57	02884	20427	87	81834
203	5-	02845	26458	8-	01832	20412		G-	04808		16508
206	87	81845	22284	83	01854	24425	53	02804	22325	74	02855
210	87	02854	26358	8c	02964	04385	54	01963	20814	54	01963
220	53	01954	24308	53	01953	23414		53	25845	26486	
230	87	02955	20386	8-	81956	20486	8-	81857	20387	83	02855
245	8-	02955	07247	83	10365	06325	54	49222	25183	54	01954
260	13	02964	26356	73	01963	26444	45	00861	22202	13	01762
277											
279	70	02845	26326	77	01963	28314		80	02855	24315	
285	23	51636	24658					20	01764	28444	
288	57	02745	19268	87	02851	26326	00	00890	23210	10	00861
273											
301	52	51737	28368	07	02850	27367	50	01754	26314	2-	01855
321	87	03655	25327	57	05665	26328	50	05661	26211	00	05660
299	5-	61648	24368					57	01743	26214	00
292	52	02957	16368	57	25955	22287	04	00890	00001	13	00961
310	--	57203	13423					--	01634	24314	
316				57	05664	25368	04	05690	29314	54	05662
333	51	21635	27315	79	02953	30227	50	02865	28215	2-	01842
334								--	01663	32214	
340	52	21846	21358	5-	02868	30368	50	05652	26212		
136	14	05662	26413	57	51765	0428-	57	22665	28268	8-	25705
336	51	21763	16358	53	02763	28216		13	01762	28313	
350	13	01765	20315	5-	51658	26328	5-	05668	28168	04	05690
368	02	51528	25328					54	01864	30215	
379				2-	02757	22327	5-	05663	28323	14	01741
390	10	00761	24301	5-	02768	26428	5-	04538	26468	54	05672
382				83	02734	24427	5-	02768	28228	03	05690
438	51	01635	24444								
430	00	00750	20300	53	01762	22313	5-	22647	24267	5-	05651
409	5-	52518	21458	5-	21608	31458	00	05690	30250	00	00854

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. Friday 4th July 1941.
1 S.E. England	
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Moderate w. to s.w. wind; bright and cloudy periods; some showers, local thunder; average temperature or rather cool
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	Light variable wind; mainly fine; cooler than of later

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

**GENERAL INFERENCE.**

A ridge of high pressure extends from the Azores to the British Isles. Pressure is low from Iceland to Norway, and minor troughs of low pressure will cross our Northern districts. Weather will be mainly fair with considerable bright periods but also some showers, especially in the North. It will be cooler than of late.

**FURTHER OUTLOOK.**

Becoming fine and warm again in the South; cloudy with occasional rain in the Northwest.

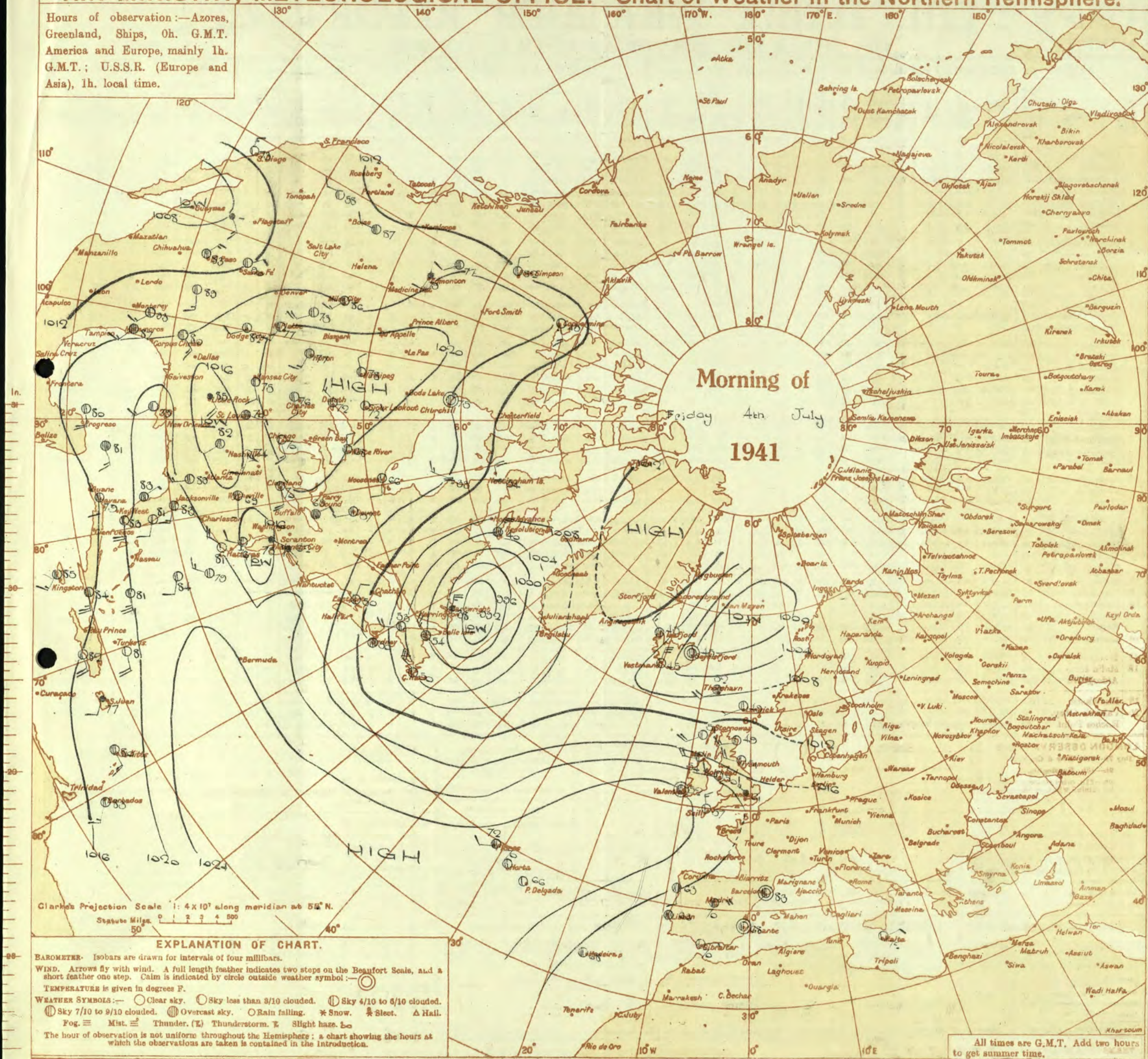
▲▲▲▲ Cold Front.  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion

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.

OBSERVATIONS at 1 hr. G.M.T. 4th July															OBSERVATIONS at 7 hr. G.M.T. 4th July															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.		Sun-shine 3rd Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground. 0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.								
																																0-12	0-10	0-10	0-10		0-10	0-9	(31)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	-16	NNW	3	bc	60	65	1	-	6	Tr	2-3	2500	0	*	80	57	53	-	-	11.5				
	Croydon	217	1017.0	+6	NW	3	do do	61	97	6	5	-	10	10	500	1019.4	+14	N	4	bc	61	75	7	-	3	-	0	4-6	-	81	56	54	-	0.3	12.5				
	S. Farnborough	226	1017.9	+8	NW	3	do	59	85	6	5	-	10	10	1600	1020.3	+14	NNW	3	b	59	65	8	-	-	0	0	-	0	82	55	51	-	Tr	9.4				
	Boacombe Down	417	1019.0	+14	NW	3	do	57	92	6	5	-	10	10	2000	1020.9	+10	NNW	3	b	57	75	8	-	-	0	0	-	0	77	50	43	-	Tr	7.9				
	Thorney Island	10	1017.0	+4	WSW	3	do	65	92	6	5	-	10	10	2400	1019.8	+18	NNE	3	b	60	75	7	-	-	0	0	-	0	74	57	55	-	Tr	*				
	Lympe	346	1016.5	-2	WNW	2	do	67	85	6	5	-	9	9	2500	1019.7	+18	NW	3	do	57	92	6	5	-	-	9	400	0	76	56	57	-	Tr	13.7				
	Manston	154	1015.9	+4	-	0	do do	63	97	4	5	-	10	10	500	1018.7	+16	NW	3	q/r	57	97	6	5	-	10	10	2800	1	82	56	55	-	2	13.9				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	+18	N	2	bc	61	75	7	-	4	-	0	4-6	-	1	82	56	55	-	0.5	12.8				
	Felixstowe	15	1015.4	+4	-	0	do do	64	97	5	5	-	10	10	800	1018.6	+18	N	3	b	52	75	8	-	3	1	0	1	-	84	56	55	-	4	12.9				
	Gorleston	5	1017.1	+4	N	3	do	58	92	5	6	-	10	10	800	1018.3	+14	NNW	3	bc	59	75	7	-	4	-	0	2-3	-	80	51	52	-	3	*				
	Mildenhall	19	1017.1	+16	WNW	2	do do	56	97	5	5	-	10	10	2900	1019.4	+10	NNW	4	bc	56	75	7	-	3	1	0	2-3	-	80	54	50	-	3	9.9				
	Cranwell	240	1017.6	+10	NNW	4	do	61	97	6	5	-	10	10	2500	1019.5	+12	NNW	4	bc	57	75	7	-	4	1	0	2-3	-	76	50	47	-	Tr	5.6				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1020.6	+12	NNW	3	bc	56	75	6	5	-	-	4-6	4-6	2500	0	*	71	51	41	-	0.2	3.4			
	Upper Heyford	408	1018.0	+6	NW	2	do	56	85	6	5	7	-	4-6	7-8	2500	1020.5	+18	WNW	2	do	57	75	6	-	3	1	0	Tr	-	78	49	44	-	0.3	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1021.2	+10	NW	2	bc	57	75	9	7	-	4	Tr	2-3	4000	0	*	73	49	40	-	Tr	5.4			
5	Hartland Point	209	1020.2	+4	NW	3	b	58	85	8	5	-	Tr	Tr	2500	1021.6	+10	NW	2	c	57	92	8	5	-	1	2-3	7-8	2000	1	61	55	50	-	0.6	*			
	Bristol	209	1019.4	+10	N	2	b	55	85	7	5	4	-	Tr	1	2000	1021.6	+12	NW	1	bc	57	75	8	-	4	2	0	2-3	-	72	50	39	-	0.4	5.9			
	Portland Bill	32	1017.9	+6	W	3	c	57	92	7	5	-	7-8	7-8	2500	1021.0	+12	NW	2	b	58	85	8	5	-	-	0	0	-	63	55	*	-	-	*				
	Plymouth	82	1020.7	+6	NW	2	b	56	92	7	-	-	0	0	-	1022.3	+10	NNW	1	bc	58	88	8	5	-	1	2-3	2-3	4500	0	68	52	44	-	Tr	4.1			
	The Lizard	240	1024.4	+6	NW	3	bc	52	97	8	4	-	1	2-3	2-3	2500	1023.0	+16	N	2	bc	58	85	8	4	-	-	2-3	2-3	2500	0	65	50	*	-	-	4.6		
	Scilly (St. Mary's)	163	1021.7	+4	NW	3	b	57	85	8	-	-	0	0	-	1023.0	+10	N'E	3	bc	59	75	8	1	4	3	Tr	2-3	1500	0	67	55	*	-	Tr	3.2			
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
6	Pembroke	142	1020.6	+6	NNW	4	bc	55	85	7	2	6	-	2-3	4-6	3500	1022.5	+6	N	4	bc	55	85	8	2	6	4	2-3	4-6	2500	0	62	52	*	0.4	-	0.6		
7	Holyhead Valley	26	1019.8	+10	WNW	3	b	50	97	8	5	-	1	1	3500	1021.9	+16	NW	3	bc	57	75	8	2	-	5	2-3	4-6	3000	1	63	48	37	-	-	*			
	Chester (Sealand)	16	1018.8	+4	WNW	2	bc	50	92	7	5	-	4-6	4-6	4000	1021.0	+10	NNW	3	c	58	75	7	8	3	-	7-8	7-8	2500	0	66	53	41	-	2	0.8			
8	Manchester	70	1018.9	+8	WNW	1	bc	45	97	2	5	-	4-6	4-6	3500	1021.0	+16	NNW	3	do	56	85	6	8	3	-	4-6	4-6	2000	1	65	41	35	-	0.5	0.3			
10	Spurn Head	29	1016.0	+8	NW	4	bc	58	65	6	7	3	-	2-3	4-6	2500	1018.2	+6	NW	5	bq	55	75	7	-	1	0	Tr	-	0	4	54	*	-	-	6.7			
	Catterick	175	1018.1	+10	WS	2	b	48	85	7	-	-	0	0	-	1019.2	+10	WNW	3	b	56	65	8	8	-	-	Tr	Tr	2500	0	68	47	38	-	-	1.7			
	Tynemouth	108	1016.8	+8	NW	3	bc	51	75	7	-	4	-	0	2-3	-	1018.6	+10	W	3	bc	54	65	8	-	4	-	0	2-3	-	68	48	45	-	0.4	*			
11	St. Abbs Head	280	1015.3	+10	WNW	4	bc	53	65	8	4	4	-	2-3	2-3	2500	1017.1	+8	WNW	4	bc	54	65	8	4	4	-	1	2-3	2500	0	64	51	*	-	-	*		
	Leuchars	36	1015.8	+14	WNW	3	bc	48	85	8	-	4	-	0	2-3	-	1017.2	+8	SW	2	c	54	85	9	8	4	-	4-6	7-8	6000	0	70	47	43	-	Tr	8.2		
12	Renfrew (Abbots L.)	19	1017.9	+6	WS	2	c	50	85	8	2	3	-	4-6	7-8	2500	1019.3	+14	WSW	2	pr	53	85	8	4	-	7-8	9	2500	0	65	49	42	-	Tr	7.1			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.4	+12	SWW	3	c	51	85	8	7	4	-	7-8	9	1500	1	64	44	37	-	-	7.2			
	Point of Ayre	30	1019.2	+10	NNW	3	bc	53	92	8	4	-	2-3	2-3	2000	1020.8	+12	NNW	4	bc	56	85	8	7	4	5	1	2-3	4000	0	64	52	*	0.3	-	3.7			
13A	Tiree	22	1017.6	+4	WNW	4	c	58	85	8	8	*	3	9	2100	1017.5	+4	SWW	4	c	55	85	8	5	-	9	9	2100	0	60	52	*	0.1	0.3	11.0				
13B	Stornoway	80	1015.0	+2	WSW	4	bc/pr	51	97	8	6	-	2-3	4-6	1500	1014.8	-4	SW	5	ir	53	85	8	2	6	3	4-6	7-8	1200	1	62	50	*	1	4	5.0			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	+4	SW	2	b	55	75	9	8	-	-	Tr	Tr	3500	1	61	48	41	-	Tr	5.0			
	Wick	112	1013.9	+2	WSW	2	bc	46	92	8	5	-	9	Tr	2-3	2500	1014.3	+2	WSW	3	bc	53	85	9	8	6	-	4-6	4-6	2500	0	57	45	42	-	*	*		
16	Lerwick-Sumbly	136	1011.3	+2	W	3	bc	49	92	8	8	-	2-3	2-3	2000	1011.5	+2	WSW	3	b	51	92	8	8	-	9	1	1	2500	1	54	49	*	*	*	*			
17	Blackod Point	18	1021.8	+4	WN	2	c	55	85	8	-	7	-	0	9	-	1022.1	+6	W	2	c	55	85	8	-	7	-	0	10	-	0	2	61	51	*	-	0.2	*	
18	Malin Head	84	1019.1	+2	W	4	c	54	85	8	9	-	4-6	7-8	2500	1019.7	+4	NW	5	c	55	75	8	9	-	4	4-6	7-8	5700	0	60	50	*	-	0.1	10.0			
	Aldergrove	268	1020.4	+6	WNW	2	b	51	85	8	5																												



SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Saturday 5th July, 1941  
No. 29,080.

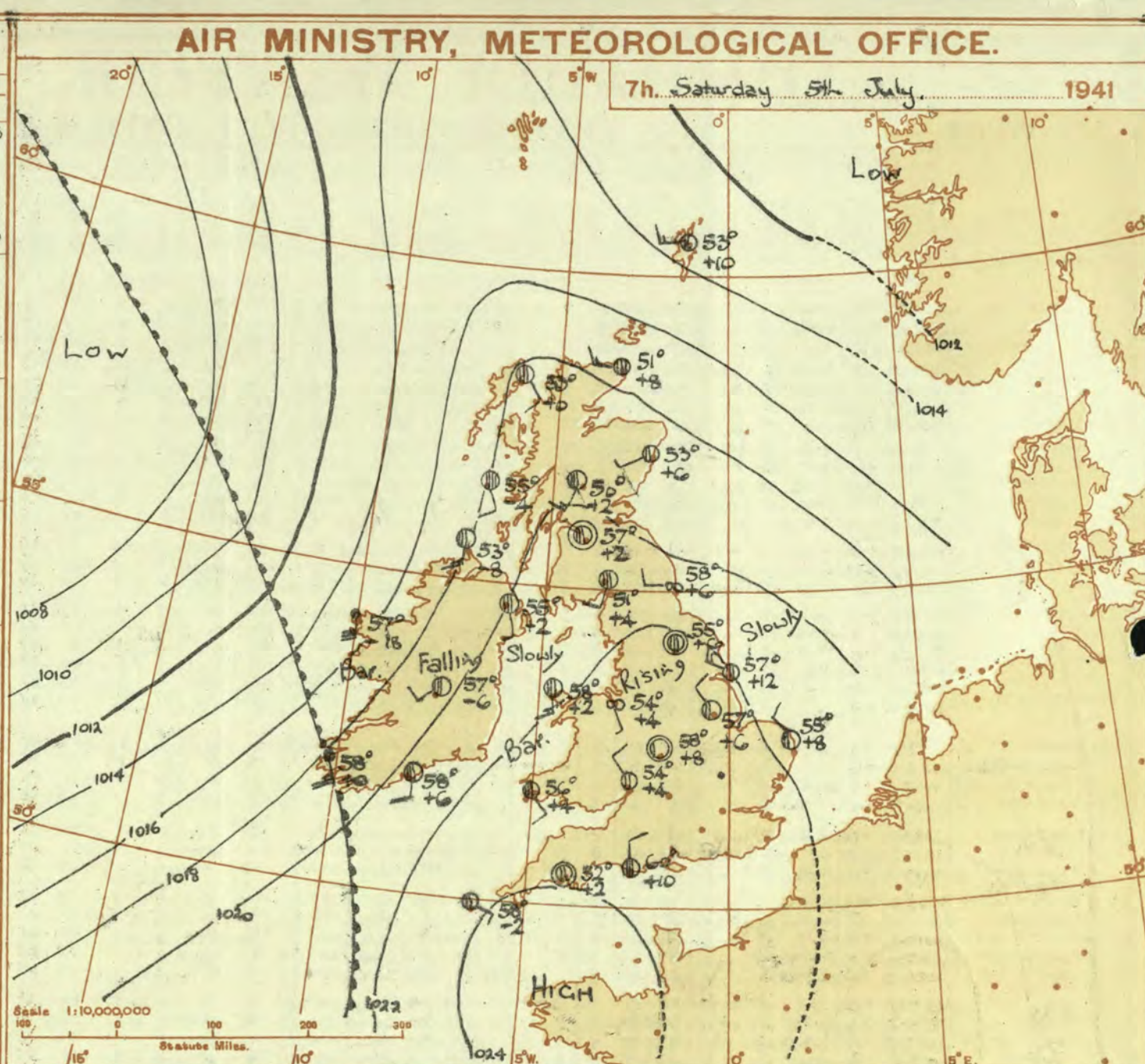
OBSERVATIONS at 13h. G.M.T. 4th July														OBSERVATIONS at 18h. G.M.T. 4th July														PAST 24 HOURS.																				
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-6 (8)	Cloud.				Height of Base (feet) (14)	Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-6 (22)	Cloud.				Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																				
				Dir.	Force. 0-12 (4)				Form.	Amount.	Low 0-10 (11)	Total 0-10 (12)				Dir.	Force. 0-12 (18)				Form.	Amount.	Low 0-10 (23)	Total 0-10 (24)																								
1	London (Kew)...	1021.0	+4	HLW	3	66	45	8	7	-	4	4-6	9	1000	1020.9	-2	NNW	2	e	68	35	7	7	-	6	Tr	9	2500	0	*	bbyey	ey	cyc	cbmabzdo														
	Croydon ...	1020.6	+6	WMS	2	71	55	8	1	-	2	7-8	7-8	4000	1020.6	-2	NNW	3	e	69	55	7	1	4	6	2-3	9	4500	0	*	babbey	ey	cycbmo	bcwcnm														
	S. Farnborough	1021.0	+2	HLW	3	67	45	8	1	-	2	4-6	7-8	3500	1020.0	-2	NNW	2	c	68	45	8	7	3	6	2-3	9	5000	0	*	b. c bay	bey	cycbmba															
	Boscombe Down	1021.4	+6	HLW	3	68	45	8	1	-	1	4-6	4-6	3500	1021.2	-2	NW	3	c	68	45	8	7	3	1	4-6	7-8	3000	0	*	b. bay	bey	bey, b	buofgbc														
	Thorney Island	1020.8	0	NNE/H	2	70	45	8	7	-	1	4-6	4-6	4000	1020.6	0	NW	2	bc	69	55	8	4	-	8	4-6	4-6	4000	0	*	bmbay	cybey	beybmo	bmbuocmo														
	Lymington	1020.5	+2	NNW	3	66	55	8	1	-	-	7-8	7-8	4500	1021.5	+4	SSE	2	e	62	65	8	4	-	6	1	7-8	5500	0	2	amo bay	beybe	bcwcb	bcwcb														
2	Manston	1020.4	+6	HLW	3	67	55	8	1	-	6	-	1	2500	1021.5	+8	SE/E	2	e	62	65	8	7	6	9	2-3	9	2500	0	*	amo bay	beybe	bcwcb	bcwcb														
	Shoeburyness ...	1020.4	-2	HLW	3	71	45	8	7	-	-	4-6	4-6	4000	1020.8	+2	NE	3	e	65	75	8	5	-	6	4-6	10	4000	0	*	babbey	beyeye	cbcbmo	buwcz														
	Felixstowe ...	1020.0	+6	NW	3	69	45	8	1	-	-	4-6	4-6	3500	1021.0	+2	ESE	3	c	61	75	8	1	-	6	Tr	9	3500	0	2	bubey	bey, ey	cb	bce														
	Gorleston ...	1019.8	+6	NNE	4	68	75	7	1	4	-	2-3	4-6	4000	1021.1	0	NNE	1	bc	60	85	7	-	5	-	0	4-6	-	0	3	bc	bc	bc	bc														
	Mildenhall	1020.0	+4	NNW	3	67	45	8	1	4	-	1	2-3	4-6	3000	1020.3	+2	NNE	1	c	69	55	8	4	-	6	7-8	9	3000	0	*	beyv	beyvey	cybamo	cbmabmo													
	Cranwell	1020.4	+2	NNW	4	68	45	8	1	-	-	2	3	9	4500	1020.3	+2	NNW	3	bc	67	55	7	4	-	1	2-3	4-6	5000	0	*	bewygb	cybey	bcmo	bemoba													
3	Birmingham	1021.4	+2	NNW	3	64	45	8	7	-	1	4-6	4-6	4000	1021.3	0	NNW	2	e	64	45	8	1	-	6	2-3	7-8	7200	0	*	bc	bc	cb	bc														
	Upper Heyford	1021.1	+2	NNW	3	65	55	8	8	-	6	4-6	7-8	3000	1021.1	+2	NNW	2	c	66	55	8	4	6	4	2-3	9	3000	0	*	bzobey	bey	cbcb	bcwcb														
4	Ross-on-Wye	1021.3	0	NNE	3	66	55	8	7	-	2	4-6	4-6	4000	1021.0	-4	NE	2	c	66	45	8	7	-	6	2-3	9	4000	0	*	bzobey	beyvey	cbcb	bcwcb														
	Hartland Point	1023.1	+6	N	3	60	75	9	1	-	3	1	2-3	2500	1022.8	-2	N	3	bc	58	65	9	1	-	3	2-3	4-6	2500	0	3	cb	bc	bc	bc														
5	Bristol ...	1021.8	-2	NNW	2	66	45	9	1	3	-	7-8	9	2800	1021.8	-2	W	3	bc	65	55	9	1	-	4	Tr	9	3500	0	3	bawcy	bc	bc	bc														
	Portland Bill	1021.3	+4	NW	2	60	85	8	2	-	-	7-8	7-8	2500	1021.7	0	W	3	bc	61	85	8	1	-	4	4-6	4-6	2500	0	3	bcc	bc	bc	bc														
	Plymouth	1022.7	+2	SW	3	66	65	8	1	-	-	4-6	4-6	3000	1022.5	-2	NNW	4	bc	66	65	8	1	4	8	1	2-3	3500	0	2	cy	bc	bc	bc														
	The Lizard	1023.3	0	NW	3	68	65	8	7	-	-	4-6	4-6	2500	1023.0	+4	NW	2	bc	63	65	8	7	-	-	4-6	4-6	3500	0	2	bc	bc	bc	bc														
	Soilly (St. Mary's)	1024.0	+2	H	2	65	55	8	1	-	-	2-3	2-3	1800	1023.3	-2	NW	2	c	62	55	8	1	-	5	1	2-3	2200	0	3	bey	bey	bcw	b														
	Guernsey	1023.7	+2	NW	2	59	85	8	1	-	2	2-3	4-6	3500	1023.6	-6	NW	3	bc	57	85	8	7	2	2	2-3	4-6	4000	0	2	bc	bc	bc	bc														
6	Pembroke	1023.0	+6	W	3	62	55	9	2	6	6	2-3	7-8	3000	1022.6	+6	SW	4	bc	58	75	9	1	6	4	1	4-6	4000	1	2	bc	bc	bc	bc														
	Holyhead Valley	1022.1	+6	NNW	4	62	55	8	8	6	1	2-3	4-6	3000	1022.1	-2	NW	4	bc	61	45	9	2	6	6	Tr	4-6	3500	0	*	cbey	bey	bcwcb	bcwcb														
7	Chester (Sealand)	1021.7	+6	WNL	4	61	55	8	8	-	-	7-8	7-8	3000	1021.7	-2	NNW	3	c	64	45	8	1	4	6	2-3	7-8	3500	0	*	mbay	bey	bcy mo	bemofgmo														
	Manchester	1021.7	+6	WNL	4	61	55	8	8	-	-	7-8	7-8	3000	1021.7	-2	NNW	3	c	64	45	8	1	4	6	2-3	7-8	3500	0	*	mbay	bey	bcy mo	bemofgmo														
10	Spurn Head	1020.1	+14	ENE	3	61	55	7	1	4	2	4-6	7-8	4000	1020.4	-2	SSE	3	bc	62	65	7	2	8	-	2-3	2-3	5700	0	2	bc	bc	bc	bc														
	Catterick	1019.7	+10	W	3	64	55	8	8	-	-	7-8	7-8	2500	1020.1	+2	NNW	3	c	62	45	9	8	7	8	4-6	9	2200	0	*	bcbey	c	cybcw	bcwcb														
11	Tynemouth	1019.7	+6	WNL	3	63	55	7	2	3	-	4-6	7-8	2800	1020.0	+4	W	4	c	63	55	8	2	3	-	4-6	7-8	2800	0	2	bcc	c	cybcw	bcwcb														
	St. Abbs Head	1017.9	+4	WNL	4	58	55	9	5	4	4	4-6	9	2500	1017.9	0	NNW	4	c	59	55	9	8	4	-	4-6	7-8	2500	0	3	bey	c	cb	bc														
12	Leuchars	1017.0	0	WNL	6	65	45	9	2	-	4	2-3	4-6	4000	1017.4	+4	W	6	c	60	55	9	8	7	-	2-3	9	3500	0	*	beybey	beycy	cb	bc														
	Renfrew (Abbots L.)	1019.7	+6	WIS	4	62	55	8	7	6	-	7-8	9	2500	1020.2	+6	NNW	2	c	58	65	9	8	7	1	9	9	2000	0	*	cpr	cy	cb	bc														
	Eskdalemuir	1019.6	+4	WIS	4	57	65	8	8	-	-	9	9	1500	1019.6	0	NW	4	c	57	55	8	8	4	8	4-6	7-8	1500	0	*	cpr	cy	cb	bc														
	Point of Ayre	1021.0	+4	WNL	3	66	55	8	1	4	5	1	7-8	3000	1021.6	-2	NNW	2	c	62	65	8	4	3	-	4-6	9	4000	0	2	bcc	a	c	bc														
	Tiree	1019.7	+8	W	4	58	85	8	8	-	-	7-8	7-8	2200	1017.4	0	WIS	3	c	56	75	8	8	7	-	7-8	9	1800	0	5	cpr	c	cb	bc														
	Stornoway	1015.4	+6	WIS	6	57	75	8	8	7	-	7-8	9	2000	1016.3	+6	WIS	6	c	57	92	8	8	7	-	7-8	9	2000	1	4	cpr	c	cb	bc														
13	Dalwhinnie	1017.7	+4	WIS	4	55	65	8	8	-	-	9	9	1500	1018.7	0	WIS	4	c	53	75	8	5	3	-	9	9	1500	1	*	cpr	oc	cpr	bc														
	Aberdeen	1015.6	-2	HLW	3	63	45	8	8	-	-	7-8	7-8	3500	1016.6	+6	W	3	c	61	55	8	8	-	3	7-8	7-8	3500	0	1	bey	pr	bey	bc														
14	Wick	1014.9	+6	WIS	4	60	75	9	8	8	-	9	9	2500	1015.7	+10	NNW	3	cpr	54	85	8	8	6	-	7-8	7	2000	1	*	c	pr	pr	pr														
	Lerwick Sumbury	1011.8	+2	WIS	4	54	85	8	8	3	-	2-3	7-8	3000	1012.0	0	WSW	4	cpr	52	85	8	8	6	-	4-6	7-8	2500	1	*	c	pr	pr	pr														
17	Blacksod Point	1022.6	0	W	3	60	65	8	-	6	-	0	7-8	-	1021.6	-2	W	3	c	58	75	8	2	5	9	1	7-8	4000	0	2	c	bc	bc	bc														
	Malin Head	1021.0	+8	W	3	58	75	8	8	-	-	7-8	7-8	4000	1020.8	-2	NNW	5	c	57	75	8	6	3	5	2-3	7-8	4000	0	3	c	bc	bc	bc														
18	Aldergrove	1022.1	+4	SW	3	59	65	9	8	7																																						



Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 4th July				18h. G.M.T.				01h. G.M.T. 5th July				07h. G.M.T.			
IIIC	C <sub>W</sub>	wwVhN	DDFWN	C <sub>W</sub>	wwVhN	DDFWN	C <sub>W</sub>	wwVhN	DDFWN	C <sub>W</sub>	wwVhN	DDFWN	C <sub>W</sub>	wwVhN	DDFWN
109	86	01854	24684	8-	25846	57586	8-	16747	24587	8-	02865	24425			
115	87	81844	22485	87	81844	24485	87	81834	22487						
203	6-	64838	16528					5-	02847	20427	5-	01845	20425		
206	86	01865	24485	8-	25857	57487	5-	01855	22225	53	02865	22325			
210	8-	01864	55514	8-	10865	57485	8-	01864	20884	5-	02865	20225			
220	01	02855	28417	05	01864	24415				53	01845	15216			
230	83	25865	21486	87	25866	22488	83	02865	24287	87	02854	21268			
245	2-	02864	22415	83	02864	23327	40	01863	24214	24	01852	22303			
260	76	01863	57415	74	02863	24416	43	01763	16225	73	01863	22214			
277															
279	80	02856	22427	87	01864	21425				57	02865	22227			
285	23	02855	26627							5-	02747	24427			
288	7-	02856	25326	70	02864	26825	50	01873	22114	5-	02877	15127			
273															
301	20	01853	26413	10	01851	25303	50	01863	26414	03	05630	14364			
321	7-	02765	28415	40	00763	27813	54	05562	25113	03	05550	20114			
299	57	01754	30314	57	01754	18215	5-	02755	00015	57	02758	24216			
292	5-	02755	20315	4-	02865	24315	54	01873	00015	07	02880	00036			
310	--	03636	26428							2-	01644	26314			
316	70	01764	27314	10	01861	27014	04	05630	25224	03	08420	20113			
338	2-	01843	30314	10	01861	28214	03	01830	00014	73	02064	20286			
334	--	02857	30227							--	02764	04443			
340	80	01864	30314	40	01863	30324	00	01750	28115	03	00020	16213			
136	14	01863	32314	10	01761	06214	00	01830	22114						
336	13	01763	28415	83	01763	24414				50	04762	24312			
350	40	02764	26325	40	02763	28227	00	05630	00013	04	05630	04213			
368	10	01863	24423							00	05630	04414			
379	10	02864	28315	13	02862	28325	00	01750	32213	04	01750	08214			
390	73	01764	28314							00	05530	02113			
382	10	02864	30326	10	02862	31226	00	00750	00002	04	05630	00014			
438	8-	02755	20315												
430	46	01864	30314	46	01864	60214	03	05630	32101	00	05630	32123			
400	54	01854	31314	14	00864	31302	00	00830	00000	00	01930	17114			

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).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 5th July 1941
1 S.E. England	Light variable wind becoming southwest; fair but cloud increasing later; temperature about or slightly above average.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate south to southwest wind; fair at first, cloud increasing with occasional light rain or drizzle later; coastal fog later; average temperature.
5 S.W. England	
6 South Wales ...	Moderate or fresh south to southwest wind; cloud increasing with occasional rain spreading from southwest later; average temperature.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light west wind backing southwest and freshening; bright periods and occasional showers at first; cloud increasing with some rain later; average temperature.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. R.N.W. Scotland.	Freshening south to southwest wind; cloud, occasional rain, some coast fog in the Southwest; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

**GENERAL INFERENCE.**

A ridge of high pressure extends from South of the Azores to Southern England and a trough of low pressure is approaching Ireland from the Southwest. Occasional rain will spread eastwards to most districts of the British Isles except the East and Southeast.

**FURTHER OUTLOOK.**

Fair or fine in the South. Occasional rain in the Northwest.

Warm front  
 Cold front  
 Occlusion

Forecasts issued at 10.30h.

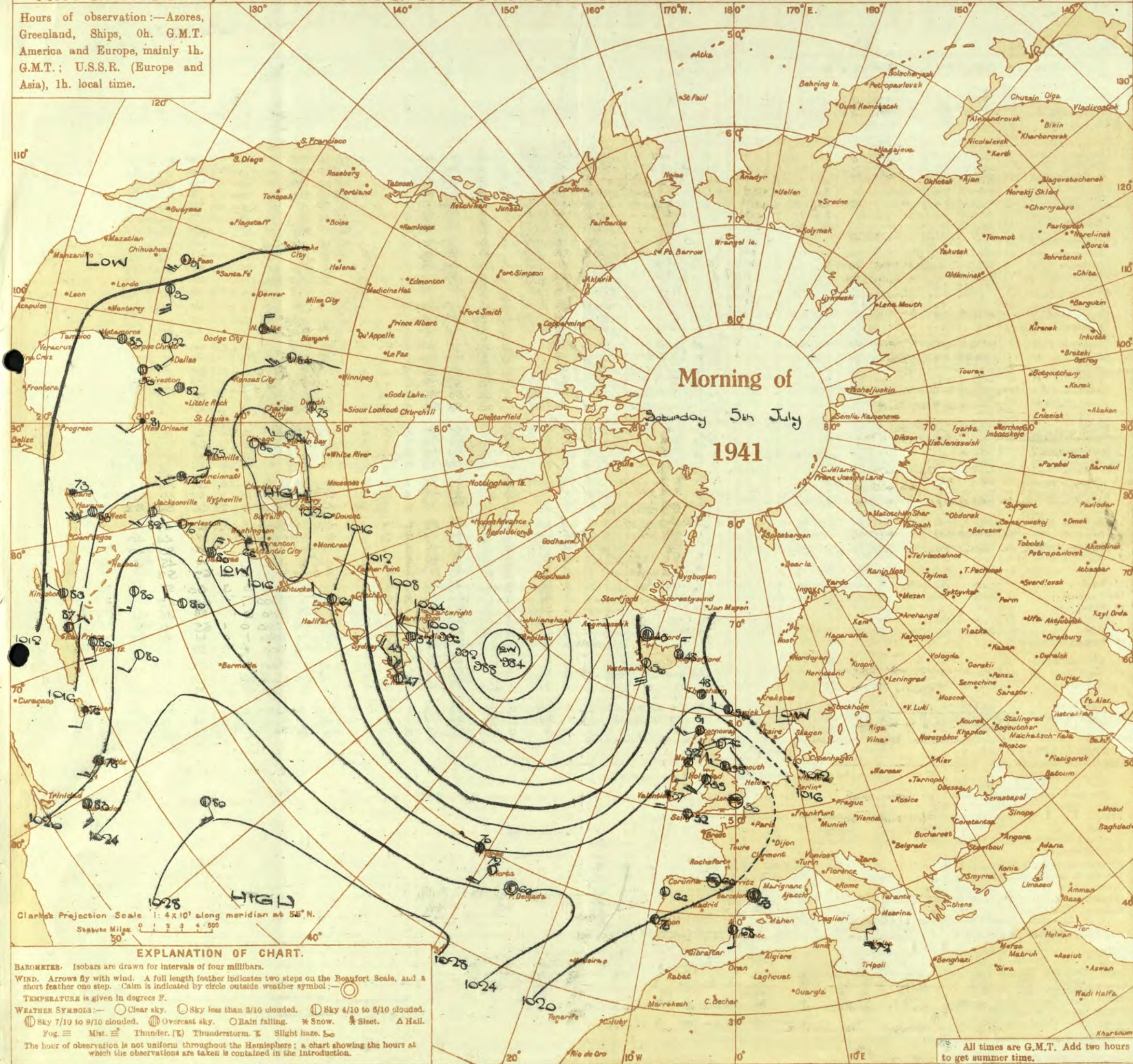
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

H.M.S.O. Press, Cornwall House, S.E.1.  
G. 205. Pts. 0170, 0. 6054 (p. 343) 3302 5/41



# 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 5th July, 1941  
 No. 29,080

OBSERVATIONS at 1 hr. G.M.T. 5th July															OBSERVATIONS at 7 hr. G.M.T. 5th July															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. (8)	Humid. % (9)	Visibility (10)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility (22)	Cloud.					State of Ground (29)	Sea (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36)			
					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)								
																																Low. (11)	Med. (12)	High (13)	Low (23)		Med. (24)	High (25)	Low (26)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1023.5	+8	NE/E	1	Zo	61	55	6	-	4	2	0	7.8	-	0	69	53	38	-	-	-	10.2				
	Croydon	217	1022.3	+2	-	0	bc	50	92	5	-	-	5	0	2.3	1023.2	+6	NE	2	Zo	60	65	6	-	-	1	0	7.8	-	0	72	47	47	-	-	-	11.6		
	S. Farnborough	226	1023.0	+8	-	0	bc	49	92	8	-	-	1	0	4.6	1023.9	+8	E	0	Zo	54	85	6	-	-	0	0	7.8	-	0	72	45	37	-	-	-	13.2		
	Boscombe Down	417	1023.3	+4	NW	1	bc	52	85	8	-	-	1	0	2.3	1023.8	+4	E	2	Zo	57	65	6	-	-	2	0	7.8	-	0	72	46	42	-	-	-	12.9		
	Thorney Island	10	1022.4	+4	WNW	1	bc	51	85	6	-	-	1	0	4.000	1023.3	+10	N	1	Zo	58	75	6	-	-	6	0	9	-	0	75	48	45	-	-	-	10.1		
	Lympe	346	1022.4	0	SE	2	bc	53	97	7	-	-	2	0	2.3	1023.6	+12	SSE	1	C	58	92	8	-	-	2	0	9	-	0	68	49	49	-	-	-	10.1		
	Manston	154	1022.5	0	S	1	bc	56	85	6	-	-	1	0	2.3	1023.3	+8	WSW	1	Zo	59	85	6	-	-	5	0	4.6	-	0	69	53	48	-	-	-	7.7		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1023.6	+10	NW	2	bc	59	75	6	-	-	2	0	4.6	-	0	73	51	41	-	-	-	10.2				
	Felixstowe	15	1022.3	+2	SW	1	bc	59	75	8	-	-	8	0	2.3	1023.4	+6	NW	1	C	59	75	7	-	-	5	4	0	9	-	0	71	54	50	-	-	-	11.6	
	Gorleston	5	1022.3	0	SW	2	bc	53	85	6	-	-	4	0	4.6	1023.7	+8	NW	2	bc	55	85	7	-	-	3	0	4.6	-	0	65	53	48	-	-	-	11.5		
	Mildenhall	19	1022.3	+6	W	1	bc	54	85	6	-	-	3	0	7.8	1023.6	+12	NW	1	Zo	55	75	6	-	-	5	3	-	2.3	4.6	67	49	42	-	-	-	11.5		
	Cranwell	240	1022.5	+6	NW	3	bc	53	85	6	-	-	7	0	4.6	1023.2	+6	NW	2	bc	57	75	7	-	-	3	0	4.6	-	0	70	49	43	-	-	-	12.7		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1023.3	+8	-	0	bc	58	55	6	-	-	1	0	7.8	-	0	67	52	38	-	-	-	10.2				
	Upper Heyford	408	1022.9	+6	N	2	bc	53	65	7	-	-	1	0	7.8	1023.5	+6	-	0	bc	58	65	6	-	-	3	4	0	4.6	-	0	69	47	40	-	-	-	9.0	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1023.5	+4	NW/N	2	bc	54	75	8	-	-	1	0	7.8	-	0	70	47	39	-	-	-	9.0				
5	Hartland Point	299	1023.3	-2	N	2	bc	54	85	9	-	-	5	0	2.3	1023.5	+4	S	2	bc	54	85	8	-	-	4	5	0	2.3	-	0	61	51	46	-	-	-	14.4	
	Bristol	209	1022.9	+2	WNW	2	bc	52	85	7	-	-	2	0	4.6	1024.0	+10	-	0	Zo	55	75	6	-	-	2	0	7.8	-	0	70	47	36	-	-	-	12.9		
	Portland Bill	32	1022.5	+4	W	3	bc	57	85	7	-	-	4	0	4.6	1023.3	+10	N	2	C	60	85	7	-	-	4	1	4.6	9	2500	62	55	-	-	-	-	14.0		
	Plymouth	82	1023.6	-2	NW	1	bc	52	92	8	-	-	1	0	7.8	1024.0	+2	-	0	bc	52	75	8	-	-	4	0	4.6	-	0	68	45	39	-	-	-	14.0		
	The Lizard	240	1023.9	+2	N	3	bc	53	75	8	-	-	2	0	2.3	1023.6	+10	WSW	2	bc	59	75	8	-	-	4	0	2.3	2500	62	49	-	-	-	-	14.9			
	Scilly (St. Mary's)	163	1024.0	-2	-	0	bc	52	92	8	-	-	3	1	2.3	1023.3	-2	ESE	1	bc	58	85	8	-	-	5	4	-	2.3	2500	67	52	-	-	-	-	14.0		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	1023.8	+4	SE/S	2	C	56	85	8	-	-	4	6	-	4.6	7.8	3000	61	50	-	-	-	-	14.6			
6	Pembroke	142	1024.3	-2	NW	2	bc	55	85	8	-	-	1	2.3	4000	1023.8	+4	SE/S	2	C	56	85	8	-	-	4	6	-	4.6	7.8	61	50	-	-	-	14.6			
7	Hotylen Valley	26	1022.4	-6	SSW	4	C	55	85	8	-	-	8	0	9	1021.8	+2	S	3	C	58	75	9	-	-	7	3	9	2.3	7.8	64	54	49	-	-	-	*		
	Chester (Sealand)	16	1022.6	-4	-	0	C	47	85	8	-	-	8	0	7.8	1022.7	+4	SSE	1	Zo	54	75	6	-	-	7	0	2.3	-	0	63	47	41	-	-	-	13.6		
8	Manchester	70	1022.8	-2	-	0	Zo	45	92	5	-	-	4	2	4.6	1023.4	+6	S	1	Zo	53	75	5	-	-	3	9	0	2.3	-	0	66	44	39	-	-	-	12.4	
10	Spurn Head	29	1021.5	+8	NW	4	bc	57	75	7	-	-	0	2.3	-	1022.8	+12	WNW	3	C	57	75	7	-	-	4	6	7.8	4000	62	54	-	-	-	-	13.5			
	Catterick	175	1021.9	+2	WSW	2	C	52	85	8	-	-	4	8	0	7.8	1022.1	+6	-	0	C	55	75	8	-	-	7	0	2.3	10	3500	67	52	44	-	-	-	9.6	
	Tynemouth	108	1021.2	+4	NW	3	C	55	75	7	-	-	7	8	7.8	1021.6	+6	W	2	Zo	58	75	6	-	-	2	3	-	4.6	7.8	66	54	52	-	-	-	*		
11	St. Abba Head	280	1019.2	+2	W	4	bc	52	75	8	-	-	2	3	2500	1019.8	+8	W	4	C	55	65	9	-	-	4	6	7.8	2500	61	49	-	-	-	-	6.0			
	Leuchars	36	1019.2	+2	W	2	bc	49	85	9	-	-	0	2.3	-	1019.8	+6	WSW	2	bc	54	75	8	-	-	3	0	2.3	5500	67	44	40	-	-	-	5.3			
12	Renfrew (Abbots I.)	19	1020.7	0	WSW	2	C	52	85	8	-	-	7	8	3000	1020.5	+2	-	0	C	57	75	8	-	-	5	7	-	2.3	9	4000	65	50	47	-	-	-	5.4	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	+4	SSW	2	C	51	75	8	-	-	7	3	-	4.6	10	4000	60	45	41	-	-	-	10.0	
	Point of Ayre	30	1021.7	0	W	3	C	55	75	8	-	-	9	9	4000	1021.1	0	S	2	C	56	85	8	-	-	5	7	6	4.6	9	5000	69	53	-	-	-	-	10.0	
13A	Tiree	22	1020.1	0	WSW	4	bc	53	85	8	-	-	2	3	4.6	1017.6	-4	SSE	2	0	55	92	8	-	-	5	7	-	10	10	1800	60	51	-	-	-	2.5		
13B	Stornoway	80	1018.1	+6	WSW	3	C/pr	51	92	8	-	-	7	8	9	1018.1	0	SE	2	C	53	85	8	-	-	5	7	-	7.8	9	2500	60	49	-	-	-	9.9		
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*																											



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday 6th July, 1941  
No. 27,081.

[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/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, 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 15, 27. The figures in these columns indicate the total amount of all forms of cloud.

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

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

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

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.  
1 Typical As (thin).  
2 Typical As (thick) (sun or moon invisible), or  
Nimbostratus (Ns).  
3 Single layer of Ac or high So.  
4 Ac in isolated patches. Individually 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:      Nimb

		COLUMN 29 — ST
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).

COLUMN 29 —STATE OF GROUND.

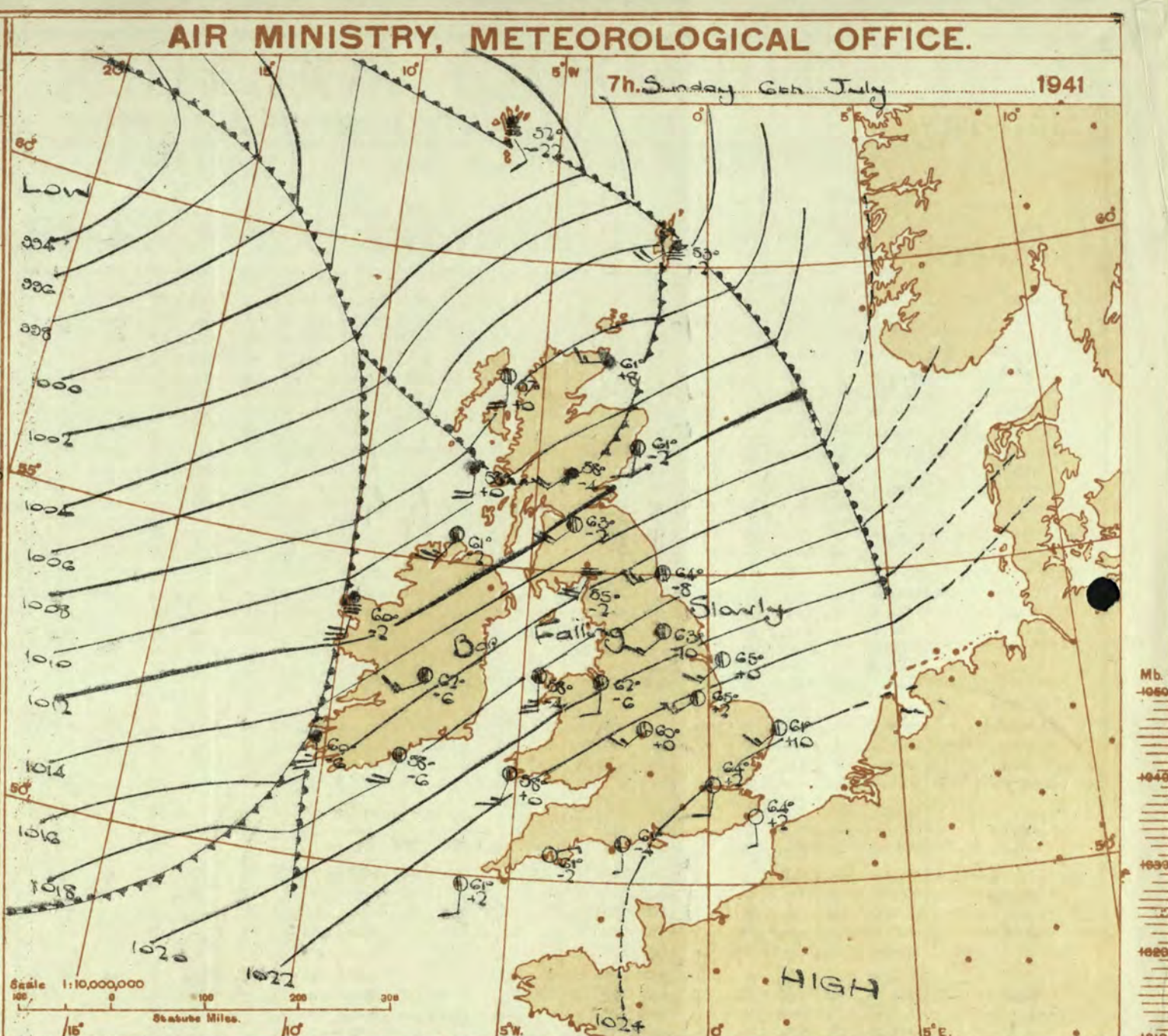
7. . . Ground covered with snow, less than 6 ins., deep but ground not frozen.  
8. . . " covered with snow, less than 6 ins., but ground frozen.  
il. 9. . . " covered with snow greater than 6 ins. deep.  
- . . Fresh snow has fallen in the mountains.

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



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 5h. July				18h. G.M.T.				01h. G.M.T. 6h. July			
III	C <sub>u</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>u</sub>	ww	Vh <sub>N</sub>
109	70	01353	23314						6-	50418	17308
115									52	21848	20358
203	5-	02348	20418	5-	62848	16308			--	67203	20563
206	73	02264	20227	57	62763	20268	57	02854	51425	5-	62638
210	73	02263	05320	52	62634	19308	57	02965	19247	57	02804
220	62	64735	15518	62	58416	19608				62	66310
230	57	02958	14268	52	54647	14268	62	22747	20468	5-	59438
245	13	02963	14317	57	02755	17227	5-	05638	18268	52	02746
260	87	02854	20268	5-	63758	18308	5-	02858	20468	53	01843
277											
279	17	02962	20527	5-	54648	51528				62	05627
285											
288	77	02764	22427	07	02787	21327	50	00703	19213	74	02850
273											
301	5-	02787	22227	07	02990	24427	53	01754	20425	57	01853
321	76	02774	20315	57	22774	19367	54	00762	22113	00	01790
290										00	01790
292										00	01790
310										58	02753
316	03	02790	20317	07	02790	22315	53	05601	00012	00	05600
333	77	02974	20227	02	02987	18527	52	02734	18456	5-	02744
334	--	02866	22327								
340	13	02961	18316	5-	02967	21327	03	00890	20311	04	00990
136	14	02861	20114	03	01790	16215	03	05690	18814	00	00790
336	51	02763	16427	54	01763	16414					
350	00	01790	18215	03	02890	22215	04	00790	18201	00	00890
368	07	01990	22314							10	02751
379	00	01890	16313							00	01890
390	10	16764	24214	05	01790	26113	00	00790	21111	04	00790
382	54	01861	20303							00	00990
438	00	01762	22313							02	00790
430	10	00861	20212	00	00890	23-13	00	00790	00000	00	00890
400	14	05961	24413	40	00861	23302	00	00890	00000	50	01843

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 6th July 1941
1 S.E. England	Light or moderate south wind; fine; warm..
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate south to southwest wind fresh or strong locally on coasts; cloudy; light rain locally; local fog on west coasts; warm.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh south to southwest winds strong on coasts; mainly cloudy; occasional rain; rather warm and close.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. P.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Moderate or fresh south to southwest winds; cloudy; local rain; local coast fog; warm.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	



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

### GENERAL INFERENCE.

An anticyclone centred over Germany is moving slowly east. A trough of low pressure off Western Ireland will move northeast across Northern districts. There is probably a deepening depression in mid-Atlantic moving fairly quickly northeast.  
Weather will be fine and warm in the South and Midlands but there will be rain in the North.

### FURTHER OUTLOOK.

Fine and warmer in the South and Midlands.  
Unsettled in the North.

~~~~~ Warm front  
~~~~~ Cold front  
~~~~~ Occlusion.

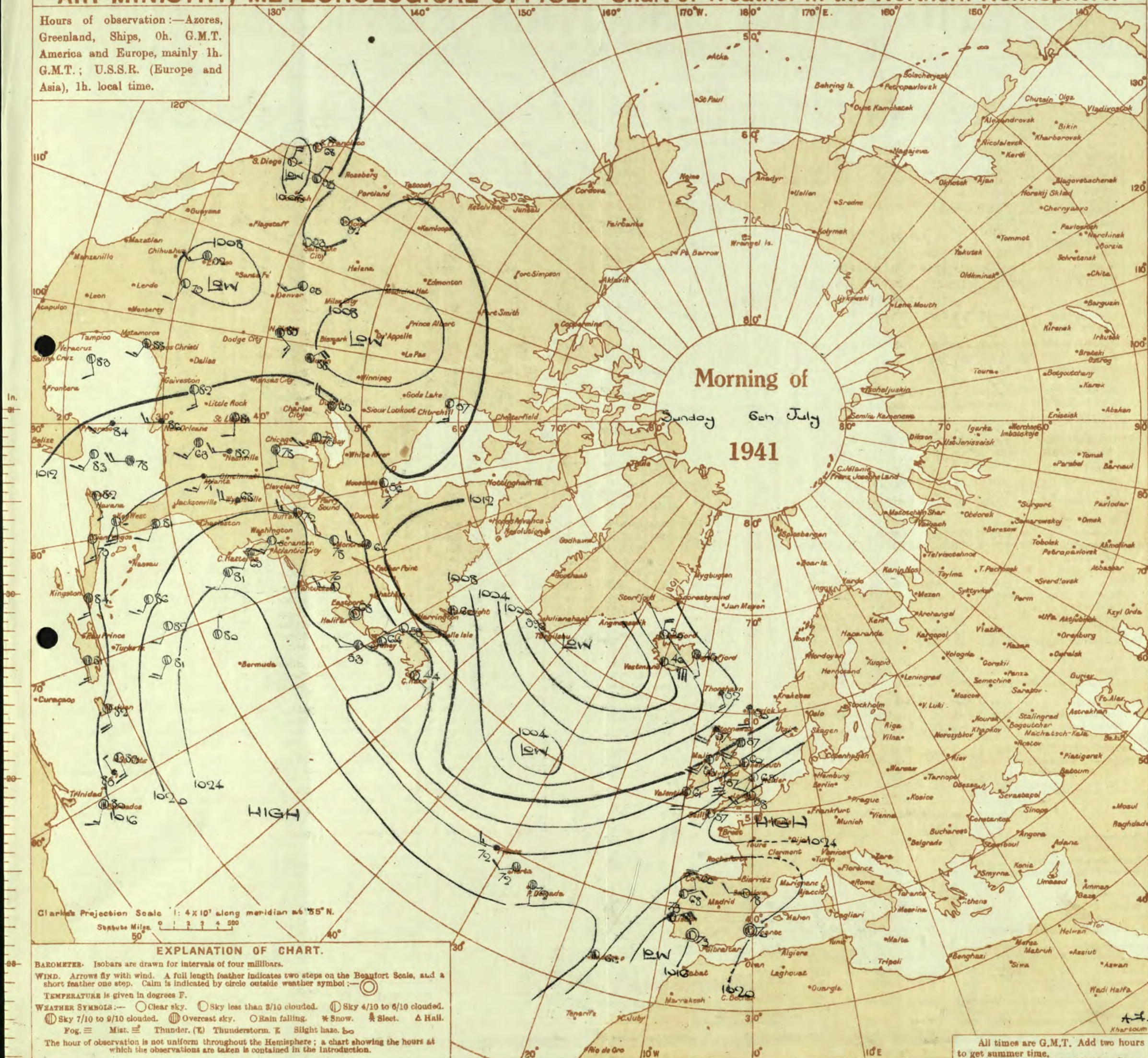
Forecasts issued at 10.30h.  
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

M.M.S.O. Press, Cornwall House, S.E. 1.  
G. 256. No. 9176. D. 6034. Gp. 949 3300. 5/41



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 6th July |           |                              |                         |                    |        |        |          |           |          |                  |        |         |                        | OBSERVATIONS at 7 hr. G.M.T. 6th July |        |                         |                    |       |         |          |           |          |                  |                        |                      |                     |                       | PAST 24 HOURS.    |          |                |                  |           |      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      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| DISTRICT.                             | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. in mb. | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visib. in miles. | Cloud. |         |                        |                                       |        | Barom. at M.S.L. in mb. | Change in 3 hours. | Wind. |         | Weather. | Temp. °F. | Humid. % | Visib. in miles. | Cloud.                 |                      |                     |                       |                   | Sea. 0-9 | TEMPERATURE.   |                  | RAINFALL. |      | SUNSHINE in Hrs. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    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|                                       |           |                              |                         |                    | Direc. | Force. |          |           |          |                  | Form.  | Amount. | Height of Base (feet). | Direc.                                | Force. |                         |                    | Form. | Amount. |          |           |          |                  | Height of Base (feet). | State of Ground. 0-9 | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. |          | Day 7h-18h mm. | Night 18h-7h mm. |           |      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   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   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                       |           |                              |                         |                    |        |        |          |           |          |                  |        |         |                        |                                       |        |                         |                    |       |         |          |           |          |                  |                        |                      |                     |                       |                   |          |                |                  | 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 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 7th July, 1941  
No. 29,082.

| OBSERVATIONS at 13h. G.M.T. 6th July |                                      |                                      |                              |               |               |                 |                     |                    |                          |              |                 |                                      |                                        |                               | OBSERVATIONS at 18h. G.M.T. 6th July |               |                  |                      |                     |                    |               |                |                                     |                                    |                     |                          |                           |                             |                 | PAST 24 HOURS. |              |              |             |               |             |              |
|--------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|---------------|-----------------|---------------------|--------------------|--------------------------|--------------|-----------------|--------------------------------------|----------------------------------------|-------------------------------|--------------------------------------|---------------|------------------|----------------------|---------------------|--------------------|---------------|----------------|-------------------------------------|------------------------------------|---------------------|--------------------------|---------------------------|-----------------------------|-----------------|----------------|--------------|--------------|-------------|---------------|-------------|--------------|
| DISTRICT.                            | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.         |               | Weather.<br>(5) | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>m.<br>(8) | Cloud.       |                 |                                      | Barom.<br>at<br>M.S.L.<br>-mb.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.                                |               | Weather.<br>(19) | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility<br>(22) | Cloud.        |                |                                     | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER.                 |                           |                             |                 |                |              |              |             |               |             |              |
|                                      |                                      |                                      |                              | Direc.<br>(3) | Force.<br>(4) |                 |                     |                    |                          | Form.<br>(9) | Amount.<br>(10) | Height of<br>Base.<br>(feet)<br>(11) |                                        |                               | Direc.<br>(17)                       | Force<br>(18) |                  |                      |                     |                    | Form.<br>(23) | Amount<br>(24) | Height of<br>Base<br>(feet)<br>(25) |                                    |                     | 7h.-13h.<br>Gth.<br>(37) | 13h.-18h.<br>Gth.<br>(38) | 18h.-7h.<br>1h.-7h.<br>(39) | 1h.-7h.<br>(40) |                |              |              |             |               |             |              |
|                                      |                                      |                                      |                              |               |               |                 |                     |                    |                          |              |                 |                                      |                                        |                               |                                      |               |                  |                      |                     |                    |               |                |                                     |                                    |                     |                          |                           |                             |                 | Low.<br>(9)    | Med.<br>(10) | High<br>(11) | Low<br>(12) | Total<br>(13) | Low<br>(23) | Med.<br>(24) |
| 1                                    | London (Kew) ...                     | 1022.5                               | -12                          | SSW           | 3             | bc              | 74                  | 45                 | 8                        | -            | -               | 4                                    | 0                                      | 4-6                           | -                                    | 1021.3        | -6               | SSW                  | 4                   | bc                 | 76            | 45             | 8                                   | -                                  | -                   | 4                        | 0                         | 2-3                         | -               | 0              | *            | bbybey       | bey         | bbyb          | bmywbz      |              |
|                                      | Croydon ...                          | 1022.5                               | -10                          | SSW           | 3             | bc              | 79                  | 55                 | 8                        | -            | -               | 6                                    | 0                                      | 4-6                           | -                                    | 1021.4        | -6               | SW                   | 4                   | bc                 | 76            | 55             | 8                                   | -                                  | -                   | 2                        | 0                         | 2-3                         | -               | 0              | *            | bby          | bey         | byb           |             |              |
|                                      | S. Farnborough                       | 1022.3                               | -10                          | SW            | 4             | bc              | 79                  | 45                 | 9                        | -            | -               | 2                                    | 0                                      | 2-3                           | -                                    | 1021.4        | -4               | SSW                  | 3                   | b                  | 77            | 45             | 8                                   | -                                  | -                   | 1                        | 0                         | 1                           | -               | 0              | *            | bbybc        | beyb        | byb           | b           |              |
|                                      | Boscombe Down                        | 1022.8                               | -6                           | SE            | 4             | bc              | 77                  | 45                 | 8                        | -            | -               | 1                                    | 0                                      | 2-3                           | -                                    | 1021.6        | -6               | SW                   | 4                   | bc                 | 74            | 35             | 8                                   | -                                  | -                   | 1                        | 0                         | 1                           | -               | 0              | *            | bby          | bey         | b             |             |              |
|                                      | Thorney Island                       | 1023.7                               | -4                           | S             | 2             | b               | 69                  | 65                 | 8                        | -            | -               | 1                                    | 0                                      | 1                             | -                                    | 1022.4        | -6               | SE                   | 2                   | b                  | 68            | 75             | 8                                   | -                                  | -                   | 1                        | 0                         | 0                           | -               | 0              | *            | bby          | bey         | bbyb          | bmybom      |              |
|                                      | Lympne ...                           | 1023.7                               | -10                          | S             | 2             | b               | 73                  | 55                 | 8                        | -            | -               | 1                                    | 0                                      | 2-3                           | -                                    | 1022.3        | -6               | SSW                  | 2                   | b                  | 75            | 45             | 8                                   | -                                  | -                   | 1                        | 0                         | 1                           | -               | 0              | *            | bby          | bey         | byb           | b           |              |
|                                      | Manston ...                          | 1023.4                               | -6                           | SW'S          | 4             | b               | 78                  | 45                 | 8                        | -            | -               | 1                                    | 0                                      | 1                             | -                                    | 1022.1        | -6               | SW                   | 3                   | b                  | 77            | 45             | 8                                   | -                                  | -                   | 1                        | 0                         | 1                           | -               | 0              | *            | bby          | bey         | byb           | bbz         |              |
| 2                                    | Shoeburyness ...                     | 1023.1                               | -18                          | S             | 2             | bc              | 70                  | 55                 | 8                        | -            | -               | 2                                    | 0                                      | 4-6                           | -                                    | 1021.3        | -4               | SW                   | 3                   | bc                 | 76            | 55             | 8                                   | -                                  | -                   | 2                        | 0                         | 2-3                         | -               | 0              | *            | bbyb         | bey         | bby           | bbybz       |              |
|                                      | Felixstowe ...                       | 1023.0                               | -10                          | SE            | 3             | b               | 71                  | 65                 | 8                        | -            | -               | 1                                    | 0                                      | 1                             | -                                    | 1021.6        | -6               | SW                   | 3                   | bc                 | 74            | 55             | 8                                   | -                                  | -                   | 1                        | 0                         | 2-3                         | -               | 0              | *            | bbyb         | bey         | b             |             |              |
|                                      | Gorleston ...                        | 1023.0                               | -8                           | SE            | 4             | bc              | 67                  | 75                 | 7                        | -            | -               | 4                                    | 1                                      | 0                             | 4-6                                  | -             | 1021.3           | -8                   | SE                  | 3                  | bc            | 69             | 65                                  | 7                                  | -                   | -                        | 1                         | 0                           | 4-6             | -              | 0            | *            | bc          | bey           | bcb         | bby          |
|                                      | Mildenhall ...                       | 1021.4                               | -12                          | SSW           | 4             | bc              | 81                  | 25                 | 8                        | -            | -               | 5                                    | 0                                      | 4-6                           | -                                    | 1019.5        | -8               | SW                   | 4                   | bc                 | 82            | 35             | 8                                   | -                                  | -                   | 2                        | 0                         | 4-6                         | -               | 0              | *            | bbyb         | bey         | bbyb          | bby         |              |
|                                      | Cranwell ...                         | 1019.9                               | -4                           | SW            | 5             | c               | 81                  | 45                 | 8                        | -            | -               | 6                                    | 0                                      | 7-8                           | -                                    | 1018.4        | -2               | SW'S                 | 5                   | bc                 | 82            | 37             | 7                                   | -                                  | -                   | 4                        | 0                         | 2-3                         | -               | 0              | *            | bbyb         | beyb        | bby           | bby         |              |
| 3                                    | Birmingham                           | 1020.5                               | -4                           | SSW           | 4             | bc              | 75                  | 25                 | 8                        | -            | -               | 6                                    | 0                                      | 4-6                           | -                                    | 1018.1        | -4               | SW                   | 3                   | bc                 | 79            | 25             | 8                                   | -                                  | -                   | 1                        | 0                         | 4-6                         | -               | 0              | *            | bc           | bey         | bcb           | bby         |              |
|                                      | Upper Heyford                        | 1021.3                               | -12                          | SW            | 4             | bc              | 80                  | 45                 | 8                        | -            | -               | 6                                    | 0                                      | 4-6                           | -                                    | 1019.8        | -6               | SW                   | 3                   | bc                 | 79            | 45             | 8                                   | -                                  | -                   | 2                        | 0                         | 4-6                         | -               | 0              | *            | bey          | bey         | beyb          | bcb         |              |
| 4                                    | Ross-on-Wye ...                      | 1020.5                               | -10                          | SW'S          | 4             | bc              | 76                  | 35                 | 8                        | -            | -               | 2                                    | 0                                      | 4-6                           | -                                    | 1019.6        | -6               | SW                   | 4                   | b                  | 77            | 45             | 8                                   | -                                  | -                   | 1                        | 0                         | 1                           | -               | 0              | *            | bey          | bey         | byb           | bby         |              |
| 5                                    | Hartland Point                       | 1021.2                               | -10                          | WSW           | 4             | bc              | 68                  | 55                 | 8                        | -            | -               | 6                                    | 0                                      | 2-3                           | -                                    | 1020.3        | -4               | WSW                  | 3                   | bc                 | 69            | 65             | 8                                   | -                                  | -                   | 4                        | 0                         | 2-3                         | -               | 0              | *            | bc           | bey         | bcb           | bby         |              |
|                                      | Bristol ...                          | 1021.6                               | -14                          | SW            | 1             | b               | 77                  | 45                 | 9                        | -            | -               | 4                                    | 0                                      | 1                             | -                                    | 1020.7        | -2               | SSW                  | 3                   | bc                 | 76            | 45             | 9                                   | -                                  | -                   | 4                        | 0                         | 2-3                         | -               | 0              | *            | bbyb         | bey         | bby           | bcb         |              |
|                                      | Portland Bill ...                    | 1023.3                               | -4                           | SE            | 1             | bc              | 64                  | 85                 | 8                        | 1            | 2               | -                                    | 2-3                                    | 4-6                           | 2500                                 | 1022.1        | -4               | SE                   | 1                   | b                  | 62            | 85             | 8                                   | -                                  | -                   | -                        | 0                         | 0                           | -               | -              | 0            | *            | bbyb        | bey           | bby         | bcb          |
|                                      | Plymouth ...                         | 1022.8                               | -6                           | SSW           | 3             | bc              | 71                  | 55                 | 8                        | -            | -               | 2                                    | 0                                      | 2-3                           | -                                    | 1021.8        | -6               | SSW                  | 3                   | b                  | 68            | 75             | 8                                   | -                                  | -                   | 1                        | 0                         | 1                           | -               | 0              | *            | bey          | bey         | bbyb          | bby         |              |
|                                      | The Lizard ...                       | 1022.5                               | -4                           | SE            | 2             | bc              | 68                  | 75                 | 8                        | 4            | -               | -                                    | 2-3                                    | 2-3                           | 4000                                 | 1021.4        | -6               | S                    | 1                   | bc                 | 67            | 75             | 8                                   | 4                                  | -                   | -                        | 2-3                       | 2-3                         | 3500            | 0              | *            | bey          | bey         | bby           | bby         |              |
|                                      | Scilly (St. Mary's)                  | 1021.6                               | -2                           | SE            | 3             | bc              | 69                  | 65                 | 8                        | 2            | 4               | 4                                    | 0                                      | 4-6                           | -                                    | 1020.5        | -10              | SSW                  | 3                   | bc                 | 67            | 75             | 8                                   | -                                  | -                   | 4                        | 3                         | 0                           | 4-6             | -              | 0            | *            | bc          | bc            | bc          | bc           |
|                                      | Guernsey ...                         |                                      |                              |               |               |                 |                     |                    |                          |              |                 |                                      |                                        |                               |                                      |               |                  |                      |                     |                    |               |                |                                     |                                    |                     |                          |                           |                             |                 |                |              |              |             |               |             |              |
| 6                                    | Pembroke                             | 1021.0                               | -4                           | S             | 3             | bc              | 62                  | 92                 | 8                        | -            | 9               | 1                                    | 0                                      | 4-6                           | -                                    | 1019.9        | -6               | SW                   | 4                   | bc                 | 61            | 92             | 8                                   | -                                  | -                   | 4                        | 1                         | 0                           | 4-6             | -              | 0            | 3            | bc          | bc            | bcb         |              |
| 7                                    | Holyhead Valley                      | 1018.5                               | -6                           | SW            | 5             | bc              | 66                  | 65                 | 9                        | 5            | 7               | 2                                    | 1                                      | 4-6                           | 2500                                 | 1017.3        | -6               | SSW                  | 6                   | c                  | 62            | 75             | 9                                   | -                                  | 9                   | 6                        | 0                         | 7-8                         | -               | 1              | 4            | c            | c           | c             | c           |              |
|                                      | Chester (Sealand)                    | 1018.4                               | -10                          | SW'S          | 3             | bc              | 81                  | 35                 | 9                        | -            | 3               | 2                                    | 0                                      | 4-6                           | -                                    | 1018.2        | +4               | SW                   | 3                   | c                  | 77            | 35             | 9                                   | -                                  | 7                   | -                        | 0                         | 7-8                         | -               | 0              | *            | cbyro        | cby         | bey           | c           |              |
| 8                                    | Manchester                           | 1018.8                               | -16                          | SSW           | 4             | c               | 78                  | 35                 | 2                        | -            | 9               | 5                                    | 0                                      | 7-8                           | -                                    | 1018.0        | 0                | WS                   | 3                   | c                  | 76            | 35             | 9                                   | -                                  | 7                   | 1                        | 0                         | 7-8                         | -               | 0              | *            | bey          | bey         | bey           | bey         |              |
| 10                                   | Spurn Head                           | 1019.6                               | -8                           | SW            | 4             | bc              | 80                  | 35                 | 7                        | -            | 2               | 0                                    | 2-3                                    | -                             | 1018.3                               | -8            | SW               | 4                    | bc                  | 79                 | 35            | 7              | -                                   | 3                                  | 2                   | 0                        | 4-6                       | -                           | 0               | 2              | bc           | bc           | bcb         | bc            |             |              |
|                                      | Catterick                            | 1017.3                               | -10                          | SW'S          | 4             | c               | 75                  | 45                 | 7                        | 5            | 7               | 2                                    | 1                                      | 9                             | 5000                                 | 1016.8        | +2               | SSW                  | 3                   | c                  | 72            | 45             | 9                                   | -                                  | 9                   | 2                        | 0                         | 9                           | -               | 0              | *            | cby          | cby         | cyc           | cyc         |              |
|                                      | Tynemouth                            | 1017.2                               | -4                           | WSW           | 6             | c               | 69                  | 75                 | 7                        | 8            | -               | -                                    | 9                                      | 9                             | 3400                                 | 1016.4        | 0                | SW                   | 3                   | c                  | 71            | 55             | 8                                   | 5                                  | 4                   | -                        | 4-6                       | 7-8                         | 3200            | 0              | 2            | c            | c           | cyc           | cyc         |              |
| 11                                   | St. Abbs Head                        | 1013.8                               | +12                          | SW            | 5             | c               | 61                  | 75                 | 8                        | 4            | 7               | 5                                    | 7-8                                    | 9                             | 2000                                 | 1012.9        | -10              | SW                   | 5                   | c                  | 63            | 75             | 8                                   | 4                                  | 7                   | -                        | 4-6                       | 7-8                         | 2000            | 0              | 3            | c            | c           | c             | c           |              |
|                                      | Leuchars                             | 1012.7                               | -2                           | SW            | 6             | c               | 66                  | 75                 | 7                        | 5            | 2               | -                                    | 2-3                                    | 10                            | 2800                                 | 1012.8        | 0                | WSW                  | 5                   | c                  | 62            | 87             | 6                                   | 5                                  | 2                   | -                        | 10                        | 10                          | 300             | 1              | *            | c            | c           | c             | c           |              |
| 12                                   | Rentfrew (Abbots L.)                 | 1014.0                               | +2                           | SW'S          | 3             | cd              | 61                  | 92                 | 6                        | 5            | -               | -                                    | 10                                     | 10                            | 1000                                 | 1013.3        | -6               | SW'S                 | 4                   | c                  | 61            | 92             | 6                                   | 6                                  | 2                   | -                        | 4-6                       | 10                          | 400             | 1              | *            | c            | c           | c             | c           |              |
|                                      | Eskdalemuir                          | 1015.8                               | -2                           | SSW           | 6             | c               | 58                  | 92                 | 7                        | 5            | -               | -                                    | 10                                     | 10                            | 1500                                 | 1015.4        | -2               | SW                   | 5                   | c                  | 57            | 92             | 6                                   | 5                                  | -                   | -                        | 10                        | 10                          | 220             | 1              | *            | c            | c           | c             | c           |              |
|                                      | Point of Ayre                        | 1016.0                               | -16                          | SW'S          | 6             | c               | 67                  | 25                 | 8                        | 2            | 5               | -                                    | 1                                      | 9                             | 1000                                 | 1015.3        | 0                | SW'S                 | 4                   | c                  | 64            | 75             | 8                                   | 5                                  | 2                   | -                        | 4-6                       | 9-10                        | 4000            | 0              | 4            | c            | c           | c             | c           |              |
| 13A                                  | Three ...                            | 1010.4                               | +8                           | SW            | 4             | rr              | 59                  | 97                 | 6                        | 2            | -               | -                                    | 10                                     | 10                            | 800                                  | 1010.3        | 0                | SW'S                 | 4                   | id                 | 58            | 97             | 5                                   | 5                                  | -                   | -                        | 10                        | 10                          | 200             | 1              | 5            | rr           | id          | c             | c           |              |
| 13B                                  | Stornoway                            | 1007.4                               | +0                           | SSW           | 5             | rr              | 57                  | 97                 | 7                        | 8            | 2               | -                                    | 9                                      | 10                            | 1000                                 | 1008.8        | +6               | WSW                  | 4                   | c                  | 57            | 85             | 8                                   | 7                                  | -                   | -                        | 9                         | 10                          | 1500            | 1              | 3            | rr           | id          | c             | c           |              |
| 15                                   | Dalwhinnie                           | *                                    | +2                           | SW            | 4             | id              | 59                  | 97                 | 6                        | 5            | 2               | -                                    | 7-8                                    | 10                            | 1500                                 | 1012.0        | +2               | SW                   | 3                   | c                  | 58            | 97             | 8                                   | 5                                  | 3                   | -                        | 7-8                       | 9-10                        | 800             | 1              | *            | id           | id          | c             | c           |              |
|                                      | Aberdeen                             | 1011.4                               | +2                           | SW            | 4             | c               | 65                  | 75                 | 7                        | 5            | 7               | -                                    | 4-6                                    | 9-10                          | 2300                                 | 1010.5        | -2               | SW'S                 | 4                   | c                  | 66            | 75             | 8                                   | 5                                  | 7                   | -                        | 7-8                       | 9-10                        | 4500            | 0              | 2            | c            | c           | c             | c           |              |
|                                      | Wick                                 | 1008.6                               | +2                           | SW'S          | 4             | rr              | 63                  | 97                 | 8                        | 5            | 2               | -                                    | 9                                      | 10                            | 3000                                 | 1009.4        | -2               | SW                   | 2                   | c                  | 62            | 92             | 9                                   | 5                                  | 7                   | -                        | 7-8                       | 9-10                        | 2600            | 1              | *            | c            | c           | c             | c           |              |
| 16                                   | Lerwick, Sumburgh                    | 1008.2                               | +6                           | SW            | 3             | rr              | 55                  | 97                 | 6                        | 5            | 2               | -                                    | 4-6                                    | 10                            | 200                                  | 1008.1        | 0                | WSW                  | 3                   | c                  | 54            | 97             | 7                                   | 5                                  | 2                   | -                        | 9-10                      | 10                          | 1500            | *              | *            | r            | r           | c             | c           |              |
| 17                                   | Blacksod Point...                    | 1011.2                               | +2                           | SSW           | 5             | rr              | 60                  | 97                 | 6                        | 6            | -               | -                                    | 10                                     | 10                            | 450                                  | 1011.3        | +6               | WSW                  | 2                   | p/d                | 58            | 97             | 7                                   | 5                                  | -                   | -                        | 10                        | 10                          | 800             | 1              | 3            | rr           | id          | c             | c           |              |
| 18                                   | Malin Head                           | 1011.0                               | -4                           | S             | 5             | rr              | 63                  | 92                 | 8                        | 8            | -               | -                                    | 9                                      | 9                             | 2500                                 | 1011.3        | -2               | SW                   | 4                   | c                  | 62            | 97             | 8                                   | 6                                  | -                   | -                        | 9                         | 9                           | 1500            | 1              | 3            | c            | c           | c             | c           |              |
|                                      | Aldergrove                           | 1013.9                               | -6                           | SSW           | 3             | id              | 65                  | 75                 | 8                        | 5            | -               | -                                    | 10                                     | 10                            | 1500                                 | 1013.6        | -2               | SW                   | 2                   | c                  | 62            | 92             | 8                                   | -                                  | 2                   | -                        | 10                        | 10                          | 300             | 1              | *            | c            | c           | c             | c           |              |
| 19                                   | Birr Castle                          | 1015.1                               | -4                           | SW            | 4             | rr              | 65                  | 85                 | 8                        | 6            | 1               | -                                    | 4-6                                    | 10                            | 1500                                 | 1014.7        | -2               | SW                   | 1                   | ir                 | 62            | 87             | 7                                   | 6                                  | 2                   | -                        | 4-6                       | 10                          | 1500            | 1              | *            | c            | c           | c             | c           |              |
| 20                                   | Valentia Obey. †                     | 1015.2                               | -6                           | SW            | 5             | c               | 60                  | 85                 | 8                        | 5            | -               | -                                    | 10                                     | 10                            | 800                                  | 1015.0        | -2               | SW                   | 3                   | d/d                | 62            | 97             | 6                                   | 6                                  | 2                   | -                        | 10                        | 10                          | 450             | 1              | 3            | c            | c           | c             | c           |              |
|                                      | Roches Point                         | 1017.9                               | -0                           | SW            | 4             | c               | 60                  | 85                 | 8                        | 5            | -               | -                                    | 9                                      | 9                             | 1500                                 | 1016.4        | -10              | SW                   | 4                   | c/r                | 59            | 97             | 8                                   | 6                                  | 2                   | -                        | 7-8                       | 9-10                        | 1500            | 1              | 4            | c            | c           | c             | c           |              |

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog „ less than 220 yds.  
fs, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
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/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 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

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).

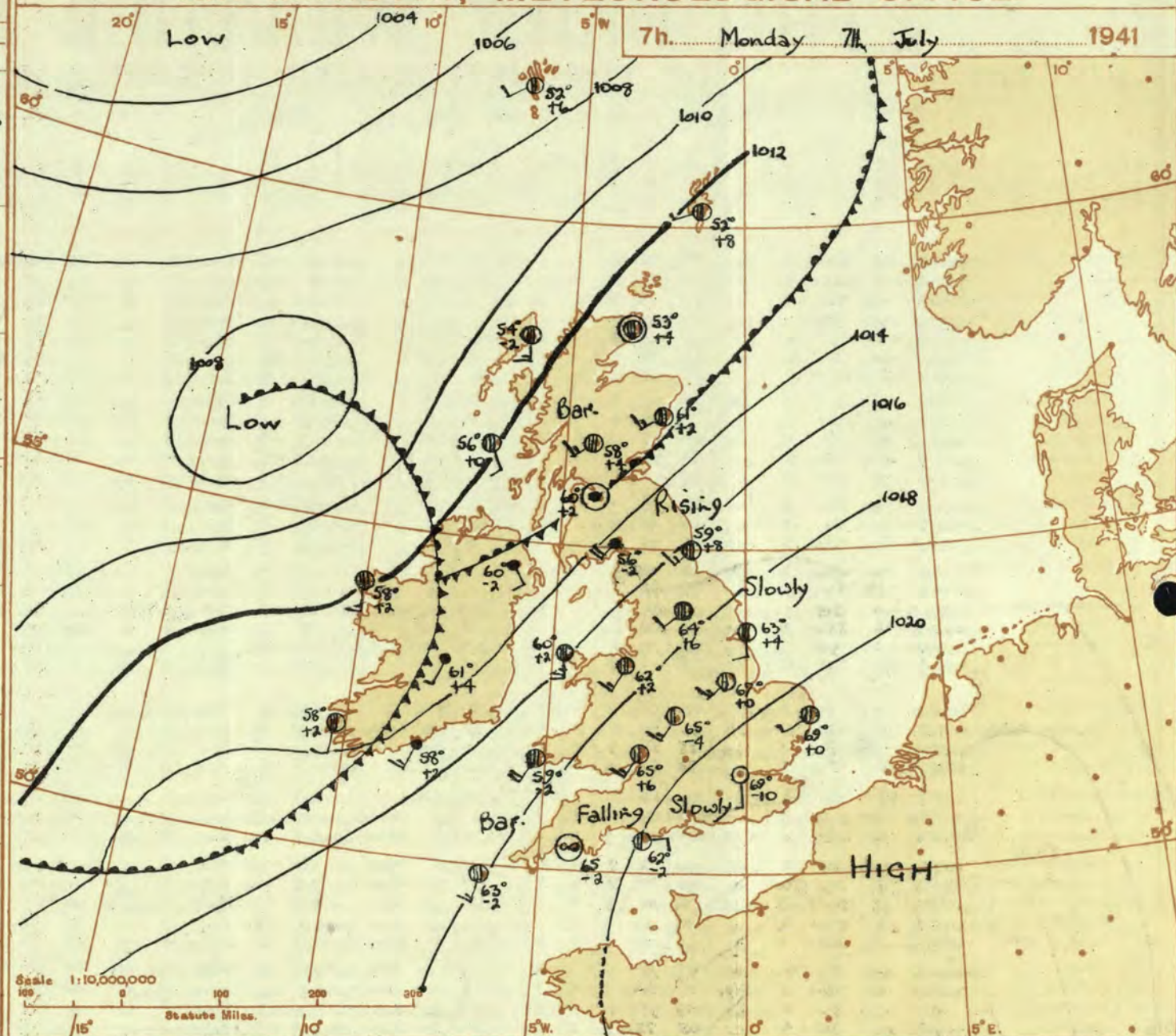
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |                    |                    |                |                    |                                      |                |                    |                    |                |                    |                    |
|------------------------------------------------------------------------------|----------------|--------------------|--------------------|----------------|--------------------|--------------------------------------|----------------|--------------------|--------------------|----------------|--------------------|--------------------|
| 13h. G.M.T. 6h. July.....18h. G.M.T.                                         |                |                    |                    |                |                    | 01h. G.M.T. 7h. July.....07h. G.M.T. |                |                    |                    |                |                    |                    |
| III                                                                          | C <sub>1</sub> | wwVhN <sub>1</sub> | DDFWN <sub>1</sub> | C <sub>2</sub> | wwVhN <sub>2</sub> | DDFWN <sub>2</sub>                   | C <sub>3</sub> | wwVhN <sub>3</sub> | DDFWN <sub>3</sub> | C <sub>4</sub> | wwVhN <sub>4</sub> | DDFWN <sub>4</sub> |
| 109                                                                          | 52             | 62646              | 21268              | 52             | 22744              | 17268                                | 57             | 02844              | 22225              | 57             | 02765              | 20227              |
| 115                                                                          | 52             | 64738              | 20867              | --             | 67107              | 20567                                | 53             | 02844              | 22267              | 53             | 02744              | 20345              |
| 203                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    |                |                    |                    |
| 206                                                                          | 82             | 22954              | 23268              | 57             | 02554              | 22268                                | 57             | 02754              | 00026              | 53             | 02266              | 00067              |
| 210                                                                          | 57             | 22954              | 19568              | 77             | 81263              | 23387                                | 57             | 02865              | 00067              | 53             | 02264              | 00027              |
| 220                                                                          | 5-             | 03518              | 21528              |                |                    |                                      |                |                    |                    | 53             | 01843              | 19316              |
| 230                                                                          | 52             | 64636              | 19468              | 62             | 62734              | 18468                                | --             | 48107              | 22269              | 52             | 03642              | 18147              |
| 245                                                                          | 57             | 02744              | 54528              | 57             | 22743              | 53568                                | 02             | 51648              | 20268              | 57             | 61643              | 19258              |
| 260                                                                          | 57             | 02855              | 20528              | 5-             | 52538              | 18368                                |                |                    |                    | 57             | 02866              | 18268              |
| 277                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    |                |                    |                    |
| 279                                                                          | 53             | 02744              | 61725              | 57             | 02554              | 53626                                |                |                    |                    | 5-             | 58528              | 18368              |
| 285                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    | 23             | 81744              | 26487              |
| 288                                                                          |                |                    |                    | 50             | 02783              | 21426                                |                |                    |                    | 5-             | 61778              | 18268              |
| 273                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    |                |                    |                    |
| 301                                                                          | 03             | 01890              | 24514              | 07             | 02370              | 22416                                | 5-             | 62868              | 00068              |                |                    |                    |
| 321                                                                          | 04             | 01790              | 19413              | 04             | 01790              | 19414                                | 04             | 05830              | 18114              | 53             | 05663              | 17215              |
| 299                                                                          | 57             | 05653              | 22215              | 77             | 01754              | 24214                                | 50             | 05653              | 22214              | 57             | 05654              | 20215              |
| 292                                                                          | 07             | 05690              | 21425              | 07             | 05690              | 22227                                | 53             | 02764              | 18327              | 57             | 05676              | 18127              |
| 310                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    | --             | 61635              | 12325              |
| 316                                                                          | 00             | 01890              | 20414              | 04             | 01890              | 20414                                | 04             | 05690              | 00011              | 07             | 05590              | 18213              |
| 333                                                                          | 04             | 01990              | 49524              | 54             | 02974              | 20415                                | 5-             | 02867              | 18317              | 57             | 02972              | 16328              |
| 334                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    |                |                    |                    |
| 340                                                                          | 04             | 01990              | 18414              | 04             | 01990              | 20314                                | 03             | 01890              | 18213              | 03             | 02790              | 16326              |
| 136                                                                          | 00             | 02890              | 20415              | 04             | 01890              | 18415                                | 00             | 01890              | 16301              | 08             | 01790              | 20301              |
| 336                                                                          |                |                    |                    |                |                    |                                      |                |                    |                    | 03             | 01809              | 16315              |
| 350                                                                          |                |                    |                    | 00             | 00890              | 18403                                | 00             | 00790              | 18200              | 04             | 00790              | 18301              |
| 368                                                                          | 00             | 01990              | 09114              |                |                    |                                      |                |                    |                    | 03             | 05690              | 14213              |
| 379                                                                          | 00             | 01890              | 18404              | 00             | 01890              | 18413                                | 00             | 00890              | 20200              | 03             | 01790              | 20302              |
| 390                                                                          | 00             | 01790              | 20314              | 04             | 01790              | 18313                                | 00             | 05690              | 16110              | 00             | 05690              | 24100              |
| 382                                                                          | 00             | 00890              | 18303              | 00             | 00890              | 18403                                | 00             | 00890              | 00000              | 08             | 00790              | 00002              |
| 488                                                                          | 00             | 00790              | 22200              |                |                    |                                      |                |                    |                    | 50             | 00741              | 08201              |
| 430                                                                          | 00             | 00890              | 16201              | 00             | 00890              | 16201                                | 00             | 05690              | 32400              | 00             | 00790              | 04100              |
| 409                                                                          | 00             | 01890              | 14514              |                |                    |                                      |                |                    |                    | 57             | 05622              | 15425              |

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. Monday 7th July                                                                                                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Light southerly breezes; fine; very warm, especially inland.                                                                                                                            |
| 2 E. England ...                           |                                                                                                                                                                                         |
| 3 E. Midlands ...                          |                                                                                                                                                                                         |
| 4 W. Midlands ...                          |                                                                                                                                                                                         |
| 5 S.W. England                             | Light southerly winds, freshening tomorrow; fine today apart from local coast fog; a possibility of some rain, perhaps thunderstorms by end of period; very warm tomorrow.              |
| 6 South Wales ...                          |                                                                                                                                                                                         |
| 7 North Wales ...                          | Moderate to fresh south to southwest winds; cloudy or dull; occasional light rain or drizzle, becoming more general tomorrow; some local coast and hill fog; very close.                |
| 8 N.W. England                             |                                                                                                                                                                                         |
| 9 N. Midlands ...                          | Light southerly winds; mainly fair, but a chance of some local light rain in the North; warm and close.                                                                                 |
| 10 N.E. England                            |                                                                                                                                                                                         |
| 11 S.E. Scotland                           | Light to moderate southwest winds, freshening on the coasts by tomorrow; cloudy to overcast; occasional rain and drizzle; coastal and hill fog at times in the West; mainly very close. |
| 12 S.W. Scotland & Isle of Man.            |                                                                                                                                                                                         |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                                                                                                         |
| 14 Mid Scotland                            |                                                                                                                                                                                         |
| 15 N. E. Scotland                          |                                                                                                                                                                                         |
| 16 Orkneys and Shetlands                   |                                                                                                                                                                                         |
| 17 N. W. Ireland                           |                                                                                                                                                                                         |
| 18 N. E. Ireland                           |                                                                                                                                                                                         |
| 19 S. E. Ireland                           |                                                                                                                                                                                         |
| 20 S. W. Ireland                           |                                                                                                                                                                                         |

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

### GENERAL INFERENCE.

An anticyclone centred over Central Europe will slowly recede eastwards. A complex low pressure area covers the Northeast Atlantic and secondary depressions are expected to move on a northeasterly track to west and northwest of the British Isles. There will be further occasional rain in the northwestern half of the country but fine conditions will continue over most of England.

### FURTHER OUTLOOK.

A break in the fine weather spell in England is indicated, probably with some thunderstorms.

Warm Front   
 Cold Front   
 Occlusion

Forecasts issued at 10.30 a.m.  
 H.M.S.O. Press, Cornwall House, S.E.1.

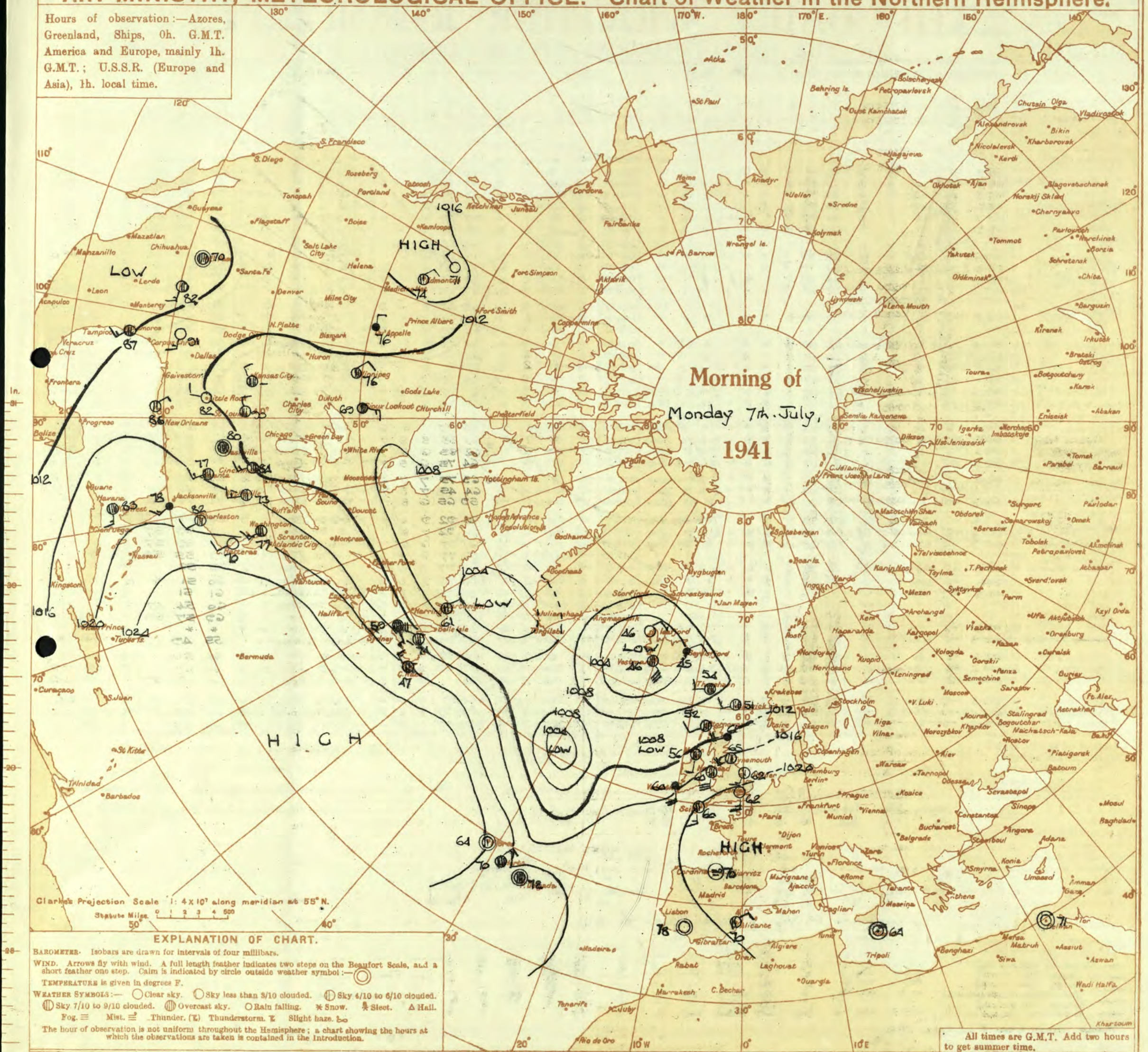
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

C. 206. No. 3176. 2. 6034. 6p. 943. 3300. 3/41



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

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





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

BRITISH SECTION

Monday 7th July 1941  
No. 25,082.

| OBSERVATIONS at 1 hr. G.M.T. 7th July |                     |                              |                      |                    |        |        |          |           |          |             |        |         |                        | OBSERVATIONS at 7 hr. G.M.T. 7th July |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  | PAST 24 HOURS. |                   |                |                  |           |      |                    |      |      |      |
|---------------------------------------|---------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|---------------------------------------|-----------------------|--------------------|--------|-------|----------|-----------|----------|-------------|---------|------------------------|---------------------|-----------------------|------------------|----------------|-------------------|----------------|------------------|-----------|------|--------------------|------|------|------|
| DISTRICT.                             | STATIONS.           | Height above M.S.L. in feet. | Barom. at (1) M.S.L. | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |         |                        |                                       | Barom. at (15) M.S.L. | Change in 3 hours. | Wind.  |       | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud.  |                        |                     |                       | State of Ground. | Sea.           | TEMPERATURE.      |                |                  | RAINFALL. |      | SUNSHINE Gth. Hrs. |      |      |      |
|                                       |                     |                              |                      |                    | Direc. | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Direc.                                |                       |                    | Force. | Form. |          |           |          |             | Amount. | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. |                  |                | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |           |      |                    |      |      |      |
|                                       |                     |                              |                      |                    |        |        |          |           |          |             |        |         |                        |                                       |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  |                |                   |                |                  | 0-12      | 0-10 |                    | 0-10 | 0-10 | 0-10 |
| 1                                     | London (Kew)        | 18                           | 1021.5               | -8                 | S      | 3      | b        | 62        | 75       | 8           | *      | *       | *                      | 1020.3                                | -4                    | S                  | 1      | b     | 66       | 65        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 73                | 56             | 43               | -         | -    | 15.3               |      |      |      |
|                                       | Croydon             | 217                          | 1021.4               | -6                 | S      | 1      | b        | 60        | 85       | 8           | -      | -       | -                      | 1020.6                                | -10                   | S                  | 1      | b     | 69       | 65        | 7        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 80                | 55             | 51               | -         | -    | 15.7               |      |      |      |
|                                       | S. Farnborough      | 226                          | 1021.4               | -6                 | S      | 1      | b        | 60        | 85       | 8           | -      | -       | -                      | 1020.7                                | -6                    | SE                 | 1      | b     | 69       | 65        | 7        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 81                | 53             | 45               | -         | -    | 15.4               |      |      |      |
|                                       | Boscombe Down       | 417                          | 1022.2               | 0                  | SE     | 2      | b        | 58        | 85       | 7           | -      | -       | -                      | 1020.8                                | -8                    | SE                 | 2      | b     | 63       | 85        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 78                | 51             |                  | -         | -    | *                  |      |      |      |
|                                       | Thorney Island      | 10                           | 1021.4               | -10                | ENE    | 1      | b        | 58        | 92       | 6           | -      | -       | -                      | 1020.7                                | -4                    | ENE                | 3      | b     | 64       | 75        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 71                | 49             | 46               | -         | -    | 15.2               |      |      |      |
|                                       | Lympe               | 346                          | 1022.4               | -2                 | SE     | 1      | b        | 58        | 85       | 7           | -      | -       | -                      | 1021.5                                | -6                    | SE                 | 1      | b     | 64       | 75        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 76                | 52             | 44               | -         | -    | 15.2               |      |      |      |
|                                       | Manston             | 154                          | 1021.3               | -6                 | S      | 1      | b        | 60        | 75       | 7           | -      | -       | -                      | 1021.2                                | -2                    |                    | 0      | b     | 69       | 65        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 80                | 58             | 50               | -         | -    | 15.2               |      |      |      |
| 2                                     | Shoeburyness        | 11                           | 1021.4               | -6                 | SSW    | 1      | b        | 65        | 85       | 7           | -      | -       | -                      | 1021.6                                | -2                    | SW                 | 1      | b     | 68       | 75        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 81                | 56             | 44               | -         | -    | 14.9               |      |      |      |
|                                       | Felixstowe          | 15                           | 1021.3               | -4                 | SSW    | 3      | b        | 62        | 75       | 7           | -      | -       | -                      | 1021.3                                | -4                    | SW                 | 1      | b     | 69       | 65        | 6        | -           | -       | -                      | 0                   | 0                     | 0                | 0              | 75                | 59             | 52               | -         | -    | 15.0               |      |      |      |
|                                       | Gorleston           | 5                            | 1021.3               | -4                 | SSW    | 3      | b        | 63        | 65       | 7           | -      | 4       | -                      | 1020.3                                | 0                     | SW                 | 2      | b     | 68       | 55        | 7        | -           | 7       | -                      | 0                   | 1                     | 0                | 0              | 83                | 60             | 49               | -         | -    | 15.2               |      |      |      |
|                                       | Mildenhall          | 19                           | 1020.4               | 0                  | S      | 2      | b        | 62        | 65       | 7           | -      | -       | 1                      | 1020.3                                | 0                     | SW                 | 2      | b     | 67       | 65        | 8        | -           | 5       | -                      | 0                   | 4-6                   | 0                | 0              | 84                | 53             | 45               | -         | -    | 14.6               |      |      |      |
|                                       | Cranwell            | 240                          | 1019.2               | 0                  | SW     | 3      | b        | 62        | 65       | 7           | -      | -       | 1                      | 1019.2                                | 0                     | SW                 | 3      | bc    | 67       | 65        | 8        | -           | 5       | -                      | 0                   | 4-6                   | 0                | 0              |                   |                |                  |           |      | 14.6               |      |      |      |
| 3                                     | Birmingham          | 535                          | 1021.2               | +2                 | SSW    | 2      | b        | 57        | 75       | 8           | -      | -       | -                      | 1018.3                                | -4                    | SSW                | 3      | bc    | 63       | 55        | 8        | -           | 3       | 1                      | 0                   | 1                     | 0                | 0              | 81                | 59             | 47               | -         | -    | 15.4               |      |      |      |
|                                       | Upper Heyford       | 408                          | 1021.2               | +2                 | SSW    | 2      | b        | 57        | 75       | 8           | -      | -       | -                      | 1020.4                                | -2                    | SSW                | 2      | b     | 63       | 65        | 7        | -           | 3       | 1                      | 0                   | 1                     | 0                | 0              | 83                | 54             | 44               | -         | -    | *                  |      |      |      |
| 4                                     | Ross-on-Wye         | 223                          | 1021.2               | +2                 | SSW    | 2      | b        | 57        | 75       | 8           | -      | -       | -                      | 1019.2                                | -6                    | SSW                | 3      | bc    | 65       | 75        | 7        | -           | 3       | 1                      | 0                   | 1                     | 0                | 0              | 81                | 57             | 49               | -         | -    | 15.4               |      |      |      |
| 5                                     | Hartland Point      | 299                          | 1019.5               | -2                 | S      | 3      | bc       | 63        | 75       | 8           | -      | 3       | -                      | 1018.3                                | 0                     | S                  | 3      | bc    | 65       | 75        | 8        | 4           | 3       | -                      | 2-3-6               | 3500                  | 0                | 3              | 63                | 60             | 58               | -         | -    | 14.8               |      |      |      |
|                                       | Bristol             | 209                          | 1020.7               | +2                 | SE     | 3      | b        | 63        | 65       | 8           | -      | 4       | -                      | 1019.3                                | -2                    | S                  | 3      | b     | 66       | 65        | 8        | -           | 4       | -                      | 0                   | 1                     | 0                | 0              | 80                | 61             | 55               | -         | -    | 15.0               |      |      |      |
|                                       | Portland Bill       | 32                           | 1021.2               | -6                 | N      | 1      | b        | 59        | 85       | 8           | -      | -       | -                      | 1019.7                                | -2                    | E                  | 2      | bc    | 62       | 72        | 8        | 1           | -       | -                      | 4-6-6               | 2500                  | 0                | 2              | 64                |                |                  | -         | -    | *                  |      |      |      |
|                                       | Plymouth            | 82                           | 1021.1               | -6                 | S      | 1      | b        | 58        | 85       | 8           | -      | -       | -                      | 1019.3                                | -2                    |                    | 0      | bc    | 65       | 75        | 7        | -           | 8       | -                      | 0                   | 2-3                   | 0                | 2              | 73                | 54             | 51               | -         | -    | 14.4               |      |      |      |
|                                       | The Lizard          | 240                          | 1020.6               | +2                 | SW     | 2      | bc       | 61        | 77       | 7           | 4      | -       | -                      | 1019.3                                | -2                    | S                  | 2      | bc    | 61       | 77        | 2        | 5           | -       | -                      | 10                  | 10                    | 400              | 2              | 69                | 59             |                  | -         | -    | 14.9               |      |      |      |
|                                       | Scilly (St. Mary's) | 163                          | 1019.7               | -6                 | S      | 3      | bc       | 60        | 92       | 8           | 5      | 5       | -                      | 1018.5                                | -2                    | SW                 | 3      | c     | 63       | 85        | 8        | 5           | 3       | -                      | 1                   | 7-8                   | 1800             | 0              | 3                 | 71             | 59               |           | -    | -                  | 13.9 |      |      |
|                                       | Guernsey            | 175                          |                      |                    |        |        |          |           |          |             |        |         |                        |                                       |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  |                |                   |                |                  |           |      |                    |      |      |      |
| 6                                     | Pembroke            | 142                          | 1019.1               | 0                  | S      | 4      | c        | 59        | 92       | 7           | 8      | 7       | -                      | 1018.0                                | -2                    | SSW                | 4      | c     | 59       | 97        | 7        | 8           | 6       | -                      | 4-6                 | 7-8                   | 2500             | 0              | 2                 | 63             | 57               |           | -    | -                  | 13.1 |      |      |
| 7                                     | Holyhead Valley     | 26                           | 1016.7               | -10                | S      | 6      | c        | 60        | 85       | 8           | 5      | 7       | -                      | 1016.1                                | +2                    | S                  | 5      | c     | 60       | 85        | 8        | 5           | 7       | -                      | 3                   | 10                    | 1500             | 1              | 4                 | (72)           | 58               | 55        | -    | -                  | 12.8 |      |      |
|                                       | Chester (Sealand)   | 15                           | 1018.0               | -2                 | S      | 2      | c        | 62        | 85       | 8           | 5      | 3       | -                      | 1017.2                                | +2                    | SSW                | 3      | c/r   | 62       | 85        | 6        | 5           | 7       | -                      | 7-8                 | 3                     | 5500             | 0              | *                 | 84             | 62               | 56        | -    | Tr                 | *    |      |      |
| 8                                     | Manchester          | 70                           | 1018.8               | +2                 | SW     | 2      | c        | 61        | 65       | 8           | 5      | 3       | -                      | 1018.2                                | +2                    | S                  | 3      | c/r   | 64       | 75        | 6        | 5           | 7       | -                      | 7-8                 | 3                     | 4000             | 0              | *                 | 84             | 58               | 50        | -    | Tr                 | 12.4 |      |      |
| 10                                    | Spurn Head          | 29                           | 1018.8               | 0                  | SW     | 3      | bc       | 62        | 75       | 7           | 5      | 7       | -                      | 1018.8                                | +4                    | S                  | 2      | bc    | 63       | 75        | 7        | 7           | 3       | -                      | 1                   | 4-6                   | 5700             | 0              | 2                 | 83             | 57               |           | -    | -                  | 13.0 |      |      |
|                                       | Catterick           | 175                          | 1017.0               | -2                 | WSW    | 1      | b        | 63        | 55       | 6           | 5      | 7       | -                      | 1016.8                                | +6                    | SW                 | 2      | c     | 64       | 45        | 7        | 8           | 7       | -                      | 7-8                 | 10                    | 7000             | 0              | *                 | 77             | 62               | 58        | -    | -                  | 6.7  |      |      |
|                                       | Tynemouth           | 108                          | 1018.3               | +6                 | SW     | 4      | c        | 65        | 45       | 6           | 8      | -       | -                      | 1017.4                                | +8                    | SW                 | 3      | c/r   | 59       | 65        | 6        | 8           | -       | -                      | 3                   | 3                     | 3200             | 1              | 2                 | 74             | 53               | 54        | -    | 1                  | *    |      |      |
| 11                                    | St. Abbs Head       | 280                          | 1013.8               | +2                 | SW     | 5      | c        | 59        | 85       | 7           | 5      | -       | -                      | 1013.3                                | 0                     | SW                 | 4      | c     | 58       | 92        | 7        | 4           | 7       | -                      | 4-6                 | 3                     | 2500             | 1              | 3                 | 63             | 57               |           | -    | Tr                 | 0.1  |      |      |
|                                       | Leuchars            | 36                           | 1013.3               | +2                 | WSW    | 2      | bc       | 59        | 92       | 6           | 6      | 2       | -                      | 1013.5                                | +2                    | SW                 | 2      | c     | 61       | 92        | 7        | 5           | 7       | -                      | 3                   | 3                     | 1500             | 1              | *                 | 67             | 59               | 57        | Tr   | 1                  | 0.1  |      |      |
| 12                                    | Renfrew (Abbots L.) | 19                           | 1013.9               | +2                 | WSW    | 3      | bc       | 59        | 97       | 6           | 5      | 7       | -                      | 1013.9                                | +2                    |                    | 0      | c     | 60       | 97        | 6        | 6           | 7       | -                      | 7-8                 | 10                    | 1000             | 1              | *                 | 63             | 59               | 57        | 3    | 1                  | 0.4  |      |      |
|                                       | Eskdalemuir         | 794                          |                      |                    |        |        |          |           |          |             |        |         |                        | 1014.3                                | -2                    | SW                 | 4      | c     | 56       | 97        | 6        | 6           | 2       | -                      | 10                  | 10                    | 220              | 1              | *                 | 59             | 55               | 55        | 0.1  | 13                 | 0.0  |      |      |
|                                       | Point of Ayre       | 30                           | 1015.7               | +2                 | SW     | 3      | bc       | 60        | 97       | 6           | 6      | 2       | -                      | 1014.8                                | +2                    |                    | 0      | c     | 59       | 97        | 7        | 6           | 2       | -                      | 3                   | 10                    | 2000             | 1              | 2                 | 63             | 58               |           | Tr   | 5                  | 1.3  |      |      |
| 13A                                   | Tiree               | 22                           | 1011.6               | +4                 | SSW    | 1      | c        | 54        | 92       | 8           | 5      | -       | -                      | 1011.5                                | 0                     | SSW                | 2      | c     | 56       | 92        | 8        | 5           | 3       | -                      | 4-6                 | 7-8                   | 2500             | 0              | 3                 | 60             | 51               | *         | 11   | Tr                 | 0.0  |      |      |
| 13B                                   | Stormoway           | 80                           | 1011.5               | +12                | SW     | 2      | c        | 52        | 92       | 8           | 2      | 5       | -                      | 1012.0                                | -2                    | S                  | 3      | c     | 54       | 92        | 8        | 5           | 5       | -                      | Tr                  | 3                     | 2500             | 1              | 2                 | 61             | 51               | *         | 2    | -                  | 0.0  |      |      |
| 15                                    | Dalwhinnie          | 1176                         |                      |                    |        |        |          |           |          |             |        |         |                        | 1013.3                                | +4                    | SW                 | 3      | c     | 58       | 75        | 8        | 8           | 5       | -                      | 2-3                 | 3                     | 1500             | 1              | *                 | 60             | 54               | 47        | 4    | 2                  | 0.0  |      |      |
|                                       | Aberdeen            | 79                           |                      |                    |        |        |          |           |          |             |        |         |                        | 1012.8                                | +2                    | SW                 | 3      | c     | 61       | 85        | 7        | -           | 7       | -                      | 0                   | 3                     | -                | 1              | 2                 | 69             | 57               | 56        | -    | -                  | 0.4  |      |      |
|                                       | Wick                | 975                          | 1011.3               | +6                 |        | 0      | c        | 53        | 97       | 8           | 5      | -       | -                      | 1012.7                                | +4                    |                    | 0      | c     | 53       | 92        | 9        | -           | 3       | -                      | 0                   | 3                     | -                | *              | *                 | *              | *                | *         | *    | *                  |      |      |      |
| 16                                    | Larne               | 553                          | 1010.8               | +10                | WSW    | 2      | c        | 50        | 97       | 8           | 5      | 3       | 1                      | 1012.6                                | +8                    | WSW                | 1      | c     | 52       | 97        | 8        | 5           | 3       | 4                      | 4-6                 | 7-8                   | 4000             | *              | *                 | 55             | 49               | *         | *    | *                  | *    |      |      |
| 17                                    | Blackod Point       | 18                           | 1012.6               | -2                 | S      | 1      | c        | 57        | 92       | 7           | 3      | 5       | -                      | 1011.6                                | +2                    | S                  | 3      | c     | 58       | 92        | 8        | -           | 7       | -                      | 0                   | 3                     | -                | 0              | 3                 | 61             | 56               |           | 17   | -                  | 0.0  |      |      |
| 18                                    | Malin Head          | 84                           | 1013.2               | +8                 | S      | 1      | c        | 56        | 92       | 8           | 8      | -       | -                      | 1012.7                                | -2                    | SSW                | 1      | pr    | 57       | 92        | 8        | 5           | 7       | -                      | 4-6                 | 3                     | 4000             | 0              | 0                 | 64             | 53               |           | 0.2  | 7                  | 0.0  |      |      |
|                                       | </                  |                              |                      |                    |        |        |          |           |          |             |        |         |                        |                                       |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  |                |                   |                |                  |           |      |                    |      |      |      |

## LONDON OBSERVATIONS

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

|                                   |     |     |     |     |     |
|-----------------------------------|-----|-----|-----|-----|-----|
| Kew...                            | ... | ... | ... | ... | ... |
| CROYDON ...                       | ... | ... | ... | ... | ... |
| GREENWICH (Royal Observatory)...  |     |     |     |     |     |
| CITY (Bunhill Row) ...            | ... | ... | ... | ... | ... |
| WESTMINSTER (St. James' Park) ... |     |     |     |     |     |
| HERBERTS PK. (Botanic Gardens)... |     |     |     |     |     |
| CAMDEN SQUARE                     | ... | ... | ... | ... | ... |
| KENSINGTON                        | ... | ... | ... | ... | ... |
| HAMPSHIRE OBSERVATORY             | ... | ... | ... | ... | ... |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 5th July 1941  
No. 22,083.

| OBSERVATIONS at 13h. G.M.T. 7th July |                                      |                               |                              |       |                       |                 |                     |                    |                           |        |                         |                                         |      | OBSERVATIONS at 18h. G.M.T. 7th July |                                |                               |       |                         |                  |                      |                     |                            |                                         |                             |                              |                              |                            | PAST 24 HOURS.              |              |          |      |      |  |
|--------------------------------------|--------------------------------------|-------------------------------|------------------------------|-------|-----------------------|-----------------|---------------------|--------------------|---------------------------|--------|-------------------------|-----------------------------------------|------|--------------------------------------|--------------------------------|-------------------------------|-------|-------------------------|------------------|----------------------|---------------------|----------------------------|-----------------------------------------|-----------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|--------------|----------|------|------|--|
| DISRICT.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>3 hours.<br>(2) | Wind. |                       | Weather.<br>(5) | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-3<br>(8) | Cloud. |                         |                                         |      |                                      | Barom.<br>at<br>M.S.L.<br>(15) | Change in<br>3 hours.<br>(16) | Wind. |                         | Weather.<br>(19) | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-3<br>(22) | Cloud.                                  |                             |                              |                              |                            | State of<br>Ground.<br>(29) | Sea.<br>(30) | WEATHER. |      |      |  |
|                                      |                                      |                               |                              | Dir.  | Force.<br>0-12<br>(4) |                 |                     |                    |                           | Form.  | Amount.<br>0-10<br>(12) | Height<br>of<br>Base.<br>(feet)<br>(14) | Dir. | Force.<br>0-12<br>(18)               |                                |                               | Form. | Amount.<br>0-10<br>(26) |                  |                      |                     |                            | Height<br>of<br>Base.<br>(feet)<br>(28) | 7h.—18h.<br>7th—7th<br>(37) | 18h.—18h.<br>7th—7th<br>(38) | 18h.—7th<br>18h.—7th<br>(39) | 1h.—7th<br>8th—7th<br>(40) |                             |              |          |      |      |  |
|                                      |                                      |                               |                              |       |                       |                 |                     |                    |                           |        |                         |                                         |      |                                      |                                |                               |       |                         |                  |                      |                     |                            |                                         |                             |                              |                              |                            |                             |              |          |      |      |  |
| 1                                    | London (Kew)...                      | 1013.6                        | -14                          | SW    | 3                     | b               | 77                  | 45                 | 8                         | -      | -                       | -                                       | -    | 1017.6                               | -6                             | SW                            | 3     | b                       | 80               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | bc   | bbsz |  |
|                                      | Croydon ...                          | 1013.0                        | -12                          | SW    | 3                     | b               | 85                  | 35                 | 8                         | -      | -                       | -                                       | -    | 1018.2                               | -2                             | SW                            | 4     | b                       | 80               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | by           | by       | byb  | bbbc |  |
|                                      | S. Farnborough                       | 1013.8                        | -6                           | SW    | 4                     | b               | 85                  | 35                 | 8                         | -      | -                       | -                                       | -    | 1018.2                               | +2                             | SW                            | 4     | b                       | 80               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | by           | by       | byb  | bbsz |  |
|                                      | Boscombe Down                        | 1018.3                        | -10                          | S     | 4                     | b               | 81                  | 35                 | 8                         | -      | -                       | -                                       | -    | 1017.9                               | -2                             | SW                            | 4     | b                       | 78               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | bmb          | by       | bbsz | bbsz |  |
|                                      | Thorney Island                       | 1018.8                        | -6                           | S     | 2                     | b               | 73                  | 65                 | 7                         | -      | -                       | -                                       | -    | 1018.0                               | -8                             | SW                            | 2     | b                       | 70               | 75                   | 7                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | bmb          | by       | bbsz | bbsz |  |
|                                      | Lymington                            | 1020.3                        | -8                           | SW    | 2                     | b               | 75                  | 55                 | 8                         | -      | -                       | -                                       | -    | 1019.0                               | -2                             | SW                            | 2     | b                       | 78               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | b            | by       | byb  | bbsz |  |
|                                      | Manston                              | 1019.7                        | -6                           | SW    | 3                     | b               | 84                  | 45                 | 8                         | -      | -                       | -                                       | -    | 1018.8                               | -4                             | SW                            | 2     | b                       | 81               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 2                                    | Shoeburyness ...                     | 1013.7                        | -6                           | SW    | 2                     | b               | 75                  | 65                 | 7                         | -      | -                       | -                                       | -    | 1018.0                               | -8                             | SW                            | 2     | b                       | 81               | 55                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
|                                      | Felixstowe ...                       | 1020.0                        | -10                          | SW    | 3                     | b               | 78                  | 65                 | 7                         | -      | -                       | -                                       | -    | 1018.2                               | -12                            | S                             | 3     | b                       | 75               | 55                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
|                                      | Gorleston ...                        | 1020.7                        | -6                           | SW    | 4                     | b               | 69                  | 75                 | 8                         | -      | -                       | -                                       | -    | 1018.0                               | -8                             | SSE                           | 4     | b                       | 65               | 65                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | 3                           | by           | by       | byb  | bbsz |  |
|                                      | Mildenhall ...                       | 1018.1                        | -14                          | SW    | 2                     | b               | 85                  | 35                 | 8                         | -      | -                       | -                                       | -    | 1016.2                               | -10                            | SW                            | 3     | b                       | 82               | 45                   | 8                   | -                          | -                                       | -                           | -                            | -                            | 0                          | *                           | by           | by       | byb  | bbsz |  |
|                                      | Cranwell ...                         | 1017.2                        | -12                          | SW    | 4                     | b               | 85                  | 35                 | 7                         | -      | 3                       | -                                       | -    | 1015.4                               | -2                             | SW                            | 4     | b                       | 85               | 35                   | 7                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 3                                    | Birmingham ...                       | 1012.8                        | -6                           | SW    | 3                     | b               | 80                  | 35                 | 8                         | -      | 7                       | -                                       | -    | 1015.5                               | -2                             | SW                            | 3     | b                       | 84               | 25                   | 8                   | -                          | 9                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
|                                      | Upper Heyford                        | 1017.6                        | -14                          | SW    | 4                     | b               | 85                  | 35                 | 8                         | -      | 8                       | -                                       | -    | 1016.4                               | -2                             | S                             | 4     | b                       | 83               | 35                   | 8                   | -                          | 4                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 4                                    | Ross-on-Wye ...                      | 1016.0                        | -14                          | SW    | 5                     | b               | 81                  | 35                 | 8                         | -      | 9                       | -                                       | -    | 1016.2                               | -10                            | SW                            | 4     | b                       | 82               | 45                   | 8                   | -                          | 4                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 5                                    | Hartland Point ...                   | 1017.7                        | -6                           | S     | 3                     | b               | 68                  | 65                 | 8                         | -      | 6                       | -                                       | -    | 1017.3                               | -2                             | SW                            | 4     | b                       | 65               | 65                   | 8                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
|                                      | Bristol ...                          | 1018.0                        | -10                          | SW    | 3                     | b               | 83                  | 45                 | 8                         | -      | 4                       | -                                       | -    | 1017.6                               | +6                             | SW                            | 3     | b                       | 79               | 55                   | 8                   | -                          | 8                                       | -                           | -                            | -                            | 0                          | *                           | by           | by       | byb  | bbsz |  |
|                                      | Portland Bill ...                    | 1018.6                        | -4                           | S     | 1                     | b               | 65                  | 85                 | 7                         | -      | -                       | -                                       | -    | 1018.3                               | +2                             | SW                            | 1     | b                       | 62               | 85                   | 8                   | -                          | 1                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
|                                      | Plymouth ...                         | 1013.5                        | -2                           | SW    | 2                     | b               | 65                  | 32                 | 7                         | -      | -                       | -                                       | -    | 1018.8                               | -6                             | SW                            | 2     | b                       | 67               | 85                   | 8                   | -                          | 8                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
|                                      | The Lizard ...                       | 1018.4                        | -2                           | SW    | 3                     | b               | 68                  | 85                 | 6                         | -      | 6                       | -                                       | -    | 1018.4                               | -4                             | SW                            | 1     | b                       | 67               | 85                   | 8                   | -                          | 4                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
|                                      | Scilly (St. Mary's)                  | 1018.2                        | -2                           | SW    | 3                     | b               | 68                  | 75                 | 8                         | -      | 4                       | -                                       | -    | 1017.5                               | -4                             | SW                            | 3     | b                       | 68               | 75                   | 8                   | -                          | 4                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
|                                      | Guernsey ...                         | 1018.2                        | -2                           | SW    | 3                     | b               | 68                  | 75                 | 8                         | -      | 4                       | -                                       | -    | 1017.5                               | -4                             | SW                            | 3     | b                       | 68               | 75                   | 8                   | -                          | 4                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
| 6                                    | Pembroke ...                         | 1018.3                        | +2                           | SW    | 3                     | b               | 68                  | 92                 | 7                         | -      | 3                       | -                                       | -    | 1017.4                               | -8                             | SW                            | 4     | b                       | 60               | 97                   | 7                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
| 7                                    | Holyhead Valley ...                  | 1015.7                        | -2                           | SW    | 3                     | b               | 66                  | 75                 | 7                         | -      | 3                       | -                                       | -    | 1015.9                               | +2                             | SW                            | 6     | b                       | 61               | 92                   | 5                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | 4                           | bzby         | by       | byb  | bbsz |  |
|                                      | Chester (Sealand)                    | 1015.8                        | +10                          | SW    | 2                     | b               | 82                  | 35                 | 8                         | -      | 7                       | -                                       | -    | 1015.1                               | 0                              | SW                            | 2     | b                       | 78               | 45                   | 9                   | -                          | 9                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 8                                    | Manchester ...                       | 1016.2                        | +10                          | SW    | 1                     | b               | 80                  | 45                 | 8                         | -      | 7                       | -                                       | -    | 1016.3                               | 0                              | SW                            | 4     | b                       | 77               | 45                   | 8                   | -                          | 7                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 10                                   | Spurn Head ...                       | 1017.2                        | +8                           | SW    | 4                     | b               | 82                  | 45                 | 7                         | -      | 4                       | -                                       | -    | 1016.0                               | 0                              | SW                            | 4     | b                       | 65               | 75                   | 7                   | -                          | 4                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
|                                      | Catterick ...                        | 1016.0                        | -8                           | SW    | 2                     | b               | 74                  | 45                 | 6                         | -      | 7                       | -                                       | -    | 1014.5                               | +2                             | SW                            | 3     | b                       | 78               | 45                   | 6                   | -                          | 9                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
|                                      | Tynemouth ...                        | 1016.8                        | +4                           | SW    | 2                     | b               | 66                  | 75                 | 6                         | -      | 3                       | -                                       | -    | 1015.9                               | -4                             | SW                            | 3     | b                       | 75               | 85                   | 6                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
| 11                                   | St. Abbs Head ...                    | 1014.4                        | -6                           | SW    | 3                     | b               | 60                  | 92                 | 8                         | -      | 2                       | -                                       | -    | 1013.3                               | -10                            | SW                            | 8     | b                       | 62               | 92                   | 8                   | -                          | 6                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
|                                      | Leuchars ...                         | 1018.7                        | -2                           | SW    | 2                     | b               | 62                  | 92                 | 7                         | -      | 2                       | -                                       | -    | 1013.4                               | -2                             | SW                            | 3     | b                       | 62               | 92                   | 7                   | -                          | 5                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 12                                   | Renfrew (Abbots L.)                  | 1013.3                        | +2                           | SW    | 2                     | b               | 62                  | 92                 | 5                         | -      | 2                       | -                                       | -    | 1013.6                               | -2                             | SW                            | 1     | b                       | 60               | 97                   | 5                   | -                          | 6                                       | -                           | -                            | -                            | 0                          | 1                           | bzby         | by       | byb  | bbsz |  |
|                                      | Eskdalemuir ...                      | 1014.3                        | -6                           | SW    | 4                     | b               | 57                  | 97                 | 6                         | -      | 2                       | -                                       | -    | 1014.9                               | -2                             | SW                            | 4     | b                       | 58               | 97                   | 6                   | -                          | 2                                       | -                           | -                            | -                            | 0                          | 1                           | bzby         | by       | byb  | bbsz |  |
|                                      | Point of Ayre ...                    | 1014.4                        | 0                            | SW    | 4                     | b               | 61                  | 97                 | 7                         | -      | 2                       | -                                       | -    | 1014.8                               | +4                             | SW                            | 1     | b                       | 61               | 97                   | 7                   | -                          | 6                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
| 13a                                  | Three ...                            | 1011.2                        | 0                            | SW    | 3                     | b               | 60                  | 88                 | 8                         | -      | 3                       | -                                       | -    | 1011.3                               | +2                             | SW                            | 2     | b                       | 60               | 85                   | 8                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
| 13b                                  | Stornoway ...                        | 1011.3                        | 0                            | SW    | 3                     | b               | 61                  | 85                 | 8                         | -      | 3                       | -                                       | -    | 1011.7                               | 0                              | S                             | 3     | b                       | 62               | 75                   | 8                   | -                          | 3                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
| 15                                   | Dalwhinnie ...                       | 1013.3                        | 0                            | SW    | 2                     | b               | 60                  | 75                 | 8                         | -      | 7                       | -                                       | -    | 1013.3                               | -4                             | SW                            | 2     | b                       | 58               | 92                   | 6                   | -                          | 8                                       | -                           | -                            | -                            | 0                          | 1                           | bzby         | by       | byb  | bbsz |  |
|                                      | Aberdeen ...                         | 1018.6                        | 0                            | SW    | 2                     | b               | 64                  | 85                 | 6                         | -      | 7                       | -                                       | -    | 1013.1                               | +6                             | SE                            | 3     | m/r                     | 57               | 97                   | 4                   | -                          | 5                                       | -                           | -                            | -                            | 0                          | 2                           | bzby         | by       | byb  | bbsz |  |
|                                      | Wick ...                             | 1018.5                        | +2                           | SW    | 2                     | b               | 58                  | 85                 | 5                         | -      | 1                       | -                                       | -    | 1012.8                               | -4                             | SE                            | 3     | c                       | 55               | 92                   | 9                   | -                          | 5                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 16                                   | Derwick ...                          | 1013.3                        | +6                           | SW    | 3                     | b               | 57                  | 85                 | 8                         | -      | 3                       | -                                       | -    | 1014.0                               | -4                             | S                             | 3     | c                       | 55               | 85                   | 9                   | -                          | 7                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 17                                   | Blacksod Point...                    | 1012.2                        | +4                           | WSW   | 3                     | b               | 63                  | 85                 | 8                         | -      | 2                       | -                                       | -    | 1012.8                               | 0                              | SW                            | 3     | b                       | 61               | 85                   | 8                   | -                          | 2                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
| 18                                   | Malin Head ...                       | 1012.2                        | 0                            | -     | 0                     | b               | 61                  | 85                 | 8                         | -      | 2                       | -                                       | -    | 1012.5                               | +2                             | -                             | 0     | c                       | 61               | 75                   | 8                   | -                          | 9                                       | -                           | -                            | -                            | 0                          | 0                           | bzby         | by       | byb  | bbsz |  |
|                                      | Aldergrove ...                       | 1013.7                        | +4                           | SW    | 1                     | b               | 61                  | 87                 | 6                         | -      | -                       | -                                       | -    | 1013.7                               | -2                             | S                             | 1     | c/r                     | 60               | 92                   | 8                   | -                          | 5                                       | -                           | -                            | -                            | 0                          | *                           | bzby         | by       | byb  | bbsz |  |
| 19                                   | Birr Castle ...                      | 1014.1                        | +4                           | WSW   | 1                     | b               | 61                  | 97                 | 7                         | -      | 2                       | -                                       | -    | 1014.5                               | 0                              | S                             | 1     | c                       | 61               | 85                   | 8                   | -                          | 1                                       | -                           | -                            | -                            | 0                          | 1                           | bzby         | by       | byb  | bbsz |  |
| 20                                   | Valentia Obsy.†                      | 1014.9                        | +4                           | SW    | 4                     | b               | 61                  | 85                 | 8                         | -      | 7                       | -                                       | -    | 1015.3                               | +2                             | SE                            | 4     | c                       | 61               | 92                   | 8                   | -                          | 5                                       | -                           | -                            | -                            | 0                          | 3                           | bzby         | by       | byb  | bbsz |  |
|                                      | Roches Point ...                     | 1015.6                        | +10                          | W     | 2                     | b               | 58                  | 97                 | 8                         | -      | 2                       | -                                       | -    | 1015.9                               | 0                              | SW                            | 2     | r/r                     | 56               | 97                   | 8                   | -                          | 6                                       | -                           | -                            | -                            | 0                          | 4                           | bzby         | by       | byb  | bbsz |  |

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

<, less than (for cloud height).  
⊙ 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



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |       |                 |             |                |       |                 |                      |                |       |                 |             |                |       |                 |       |
|------------------------------------------------------------------------------|----------------|-------|-----------------|-------------|----------------|-------|-----------------|----------------------|----------------|-------|-----------------|-------------|----------------|-------|-----------------|-------|
| 13h. G.M.T. 7th July                                                         |                |       |                 | 18h. G.M.T. |                |       |                 | 01h. G.M.T. 8th July |                |       |                 | 07h. G.M.T. |                |       |                 |       |
| III                                                                          | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN       | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN                | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN       | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN |
| 109                                                                          | 19             | 01851 | 18215           | 53          | 02882          | 18310 | 54              | 01854                | 17124          | 10    | 05761           | 18201       |                |       |                 |       |
| 115                                                                          | 73             | 02944 | 13125           | 73          | 02844          | 20325 | 54              | 01844                | 18325          | 54    | 02844           | 20325       |                |       |                 |       |
| 203                                                                          | 8-             | 02945 | 16425           | 83          | 01954          | 16215 | 8-              | 01954                | 16414          | 5-    | 01844           | 16614       |                |       |                 |       |
| 206                                                                          | 87             | 02963 | 08127           | 77          | 02865          | 10227 | 53              | 01863                | 20123          | 7-    | 01863           | 20013       |                |       |                 |       |
| 210                                                                          | 57             | 02974 | 06227           | 57          | 01855          | 20125 | 54              | 02865                | 20125          | 54    | 01855           | 20314       |                |       |                 |       |
| 220                                                                          | 13             | 01955 | 18304           | 40          | 01953          | 17304 |                 |                      |                |       | 13              | 01853       | 22508          |       |                 |       |
| 230                                                                          | 57             | 02744 | 00068           | 57          | 03846          | 18168 | 53              | 02755                | 18165          | 8-    | 02855           | 17315       |                |       |                 |       |
| 245                                                                          | 52             | 01744 | 17368           | 57          | 22-17          | 15367 | 57              | 01855                | 00027          | 50    | 05833           | 22364       |                |       |                 |       |
| 260                                                                          | 52             | 04746 | 16268           | 52          | 02856          | 21168 | 5-              | 01748                | 00058          | 80    | 01763           | 21364       |                |       |                 |       |
| 277                                                                          |                |       |                 |             |                |       |                 |                      |                |       |                 |             |                |       |                 |       |
| 279                                                                          |                |       |                 |             | 62             | 52527 | 18358           |                      |                |       |                 |             |                |       |                 |       |
| 285                                                                          | 53             | 02745 | 20427           |             |                |       |                 |                      |                |       |                 | 57          | 05256          | 20326 |                 |       |
| 288                                                                          | 57             | 05667 | 20167           | 05          | 05620          | 25225 | 07              | 02830                | 15215          | 53    | 02852           | 18215       |                |       |                 |       |
| 273                                                                          |                |       |                 |             |                |       |                 |                      |                |       |                 |             |                |       |                 |       |
| 301                                                                          | 07             | 01790 | 20364           | 03          | 01830          | 28214 | 5-              | 02728                | 54318          | 52    | 51644           | 26258       |                |       |                 |       |
| 321                                                                          | 07             | 01790 | 17413           | 04          | 00730          | 52403 | 04              | 05630                | 20114          | 07    | 05630           | 00016       |                |       |                 |       |
| 299                                                                          |                |       |                 |             | 70             | 00742 | 18402           | 00                   | 05530          | 00010 |                 |             |                |       |                 |       |
| 292                                                                          | 87             | 05664 | 19465           | 07          | 05630          | 20214 | 04              | 05630                | 00013          | 53    | 05652           | 21117       |                |       |                 |       |
| 310                                                                          | --             | 01743 | 12413           |             |                |       |                 |                      |                | --    | 01636           | 24216       |                |       |                 |       |
| 316                                                                          | 03             | 10790 | 18413           | 08          | 01830          | 20302 | 03              | 05530                | 20114          |       |                 |             |                |       |                 |       |
| 333                                                                          | 19             | 02861 | 18425           | 5-          | 02757          | 20427 | 54              | 57403                | 16343          |       |                 |             |                |       |                 |       |
| 334                                                                          | --             | 01864 | 16314           |             |                |       |                 |                      |                | --    | 03637           | 20328       |                |       |                 |       |
| 340                                                                          | 08             | 02890 | 16425           | 07          | 20314          | 45181 | 03              | 01790                | 18214          | 57    | 01862           | 18115       |                |       |                 |       |
| 136                                                                          | 00             | 00890 | 15400           | 00          | 00730          | 20300 | 00              | 00830                | 20200          | 13    | 01771           | 22213       |                |       |                 |       |
| 336                                                                          | 03             | 01890 | 16414           | 04          | 01830          | 16413 |                 |                      |                |       |                 |             |                |       |                 |       |
| 350                                                                          |                |       |                 | 05          | 00830          | 17402 | 04              | 00730                | 18203          | 88    | 01664           | 22204       |                |       |                 |       |
| 368                                                                          | 03             | 00890 | 20212           |             |                |       |                 |                      |                |       |                 | 53          | 05634          | 00026 |                 |       |
| 379                                                                          | 04             | 00890 | 16401           | 04          | 00830          | 18400 | 03              | 05630                | 18203          | 53    | 22763           | 28166       |                |       |                 |       |
| 390                                                                          | 00             | 00790 | 16100           | 04          | 00730          | 17202 | 00              | 00630                | 20102          | 03    | 05630           | 00002       |                |       |                 |       |
| 382                                                                          | 08             | 00830 | 16401           | 04          | 00830          | 16402 | 07              | 01830                | 00004          | 53    | 02764           | 22126       |                |       |                 |       |
| 438                                                                          | 00             | 00790 | 24300           |             |                |       |                 |                      |                |       |                 | 55          | 01793          | 06313 |                 |       |
| 430                                                                          | 00             | 00890 | 14200           | 00          | 00830          | 16200 | 00              | 00730                | 002100         | 08    | 01830           | 08103       |                |       |                 |       |
| 409                                                                          | 09             | 01890 | 22413           | 03          | 02830          | 22213 | 03              | 02730                | 18227          | 5-    | 57308           | 28358       |                |       |                 |       |

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>u</sub>

-

Form of low and medium cloud—See page 1.

V

-

Visibility.

F

-

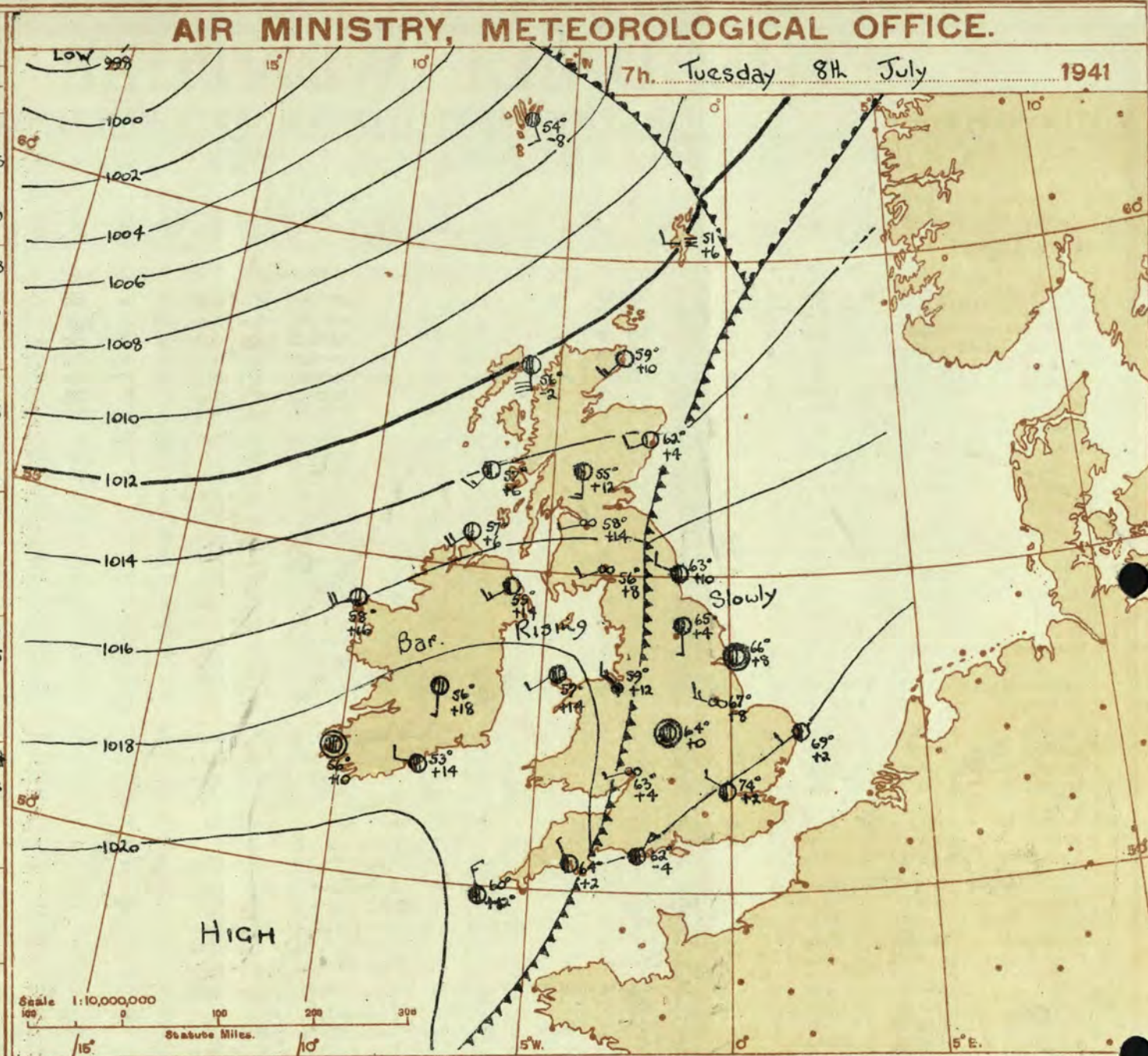
Force of wind—See page 4.

DD

-

Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

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>u</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. Tuesday 8th July, 1941.                                                                                                             |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                         | Light southerly winds veering west tonight; becoming cloudy with some light rain or drizzle and a few local thunderstorms; bright periods tomorrow; very warm at first, then much cooler. |
| 2 E. England ...                       |                                                                                                                                                                                           |
| 3 E. Midlands ...                      |                                                                                                                                                                                           |
| 4 W. Midlands ...                      |                                                                                                                                                                                           |
| 5 S.W. England                         | Winds veering west, light to moderate; cloudy, with some slight rain locally at first; then bright periods with a few showers, becoming much cooler.                                      |
| 6 South Wales ...                      |                                                                                                                                                                                           |
| 7 North Wales ...                      |                                                                                                                                                                                           |
| 8 N.W. England                         |                                                                                                                                                                                           |
| 9 N. Midlands ...                      | Light to moderate W. to S.W. winds; bright periods; some showers, especially in the North; local thunder possible; average temperature.                                                   |
| 10 N.E. England                        |                                                                                                                                                                                           |
| 11 S.E. Scotland                       |                                                                                                                                                                                           |
| 12 S.W. Scotland & Isle of Man.        |                                                                                                                                                                                           |
| 13 { A.W. Scotld.<br>B.N.W. Scot-land. |                                                                                                                                                                                           |
| 14 Mid Scotland                        |                                                                                                                                                                                           |
| 15 N. E. Scotland                      |                                                                                                                                                                                           |
| 16 Orkneys and Shetlands               |                                                                                                                                                                                           |
| 17 N. W. Ireland                       |                                                                                                                                                                                           |
| 18 N. E. Ireland                       |                                                                                                                                                                                           |
| 19 S. E. Ireland                       |                                                                                                                                                                                           |
| 20 S. W. Ireland                       |                                                                                                                                                                                           |

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

#### GENERAL INFERENCE.

An anticyclone over the Continent is receding, whilst pressure is very high in the region of the Azores. A trough of relatively low pressure from N.E. England to Brittany will continue to move slowly eastward bring much cooler conditions generally. There will be some light rain in South and East England & the Midlands today. Elsewhere there will be bright periods and some showers.

#### FURTHER OUTLOOK.

Fair in the South; occasional showers in the North.

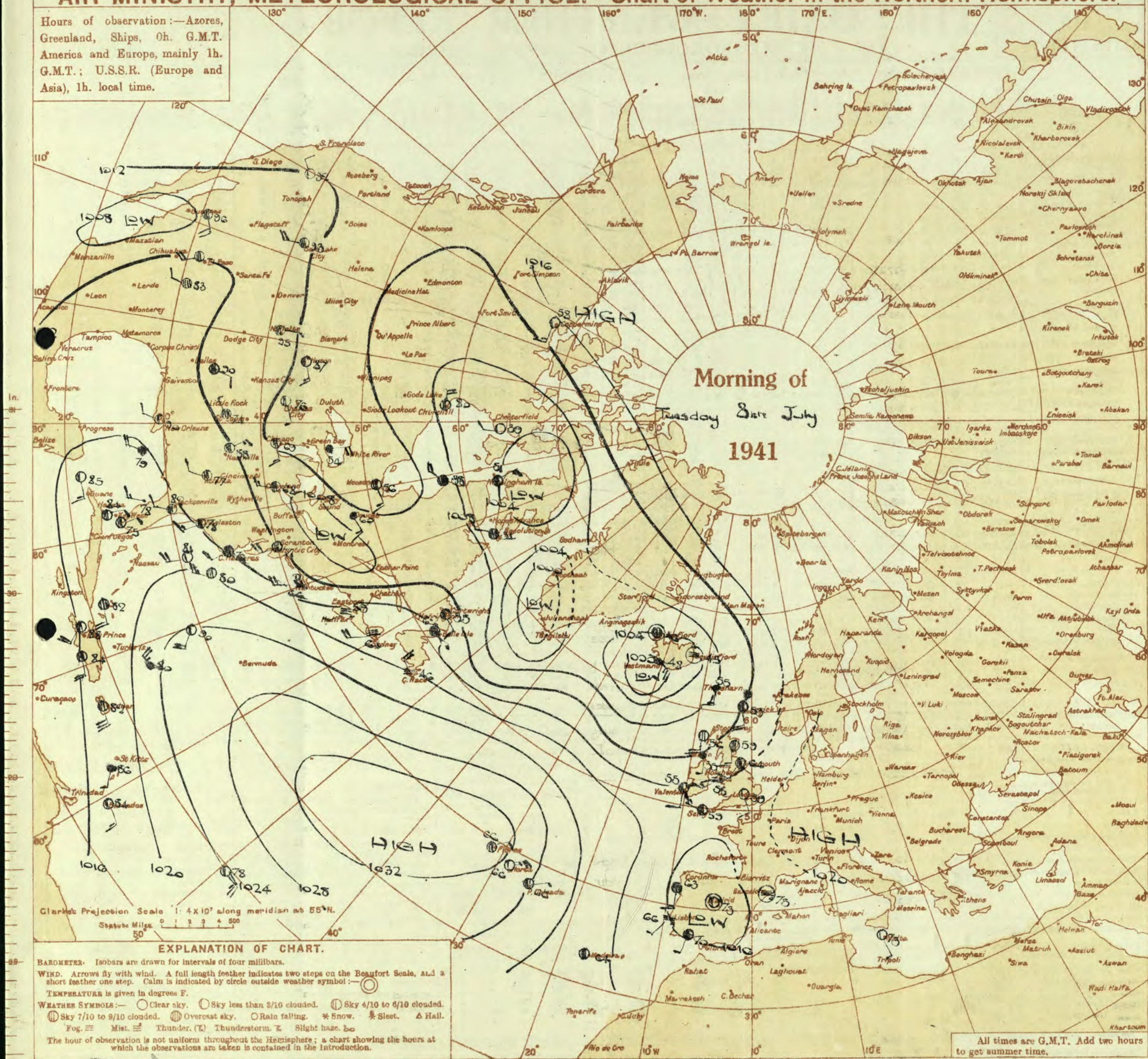
▲▲▲▲ Cold Front  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion

Forecasts issued at 1030h G.M.T.  
 N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.  
 H.M.S. O. Press, Cornwall House, S.E.1.  
 G. 266 Ws. 6176 & 6334 Gs. 948 9300 5/41



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 8th July |                         |                              |                      |                        |           |        |           |            |                 |               |      |       |       |         | OBSERVATIONS at 7 hr. G.M.T. 8th July |                         |                         |        |            |             |                 |                |      |      |       |       |                       |           |                      | 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) |        | Temp. (6) | Humid. (7) | Visibility. (8) | Cloud. (9-14) |      |       |       |         | Barom. at M.S.L. (15)                 | Change in 3 hours. (16) | Wind. (17)              |        | Temp. (20) | Humid. (21) | Visibility (22) | Cloud. (23-28) |      |      |       |       | State of Ground. (29) | Sea. (30) | TEMPERATURE. (31-33) |                         |                       | RAINFALL. (34-35)       |                     | SUNSHINE (36) Hrs. |                |                  |      |     |     |  |
|                                       |                         |                              |                      |                        | Direc.    | Force. |           |            |                 | Low.          | Med. | High. | Form. | Amount. |                                       |                         | Height of Base. (feet). | Direc. |            |             |                 | Force.         | Low. | Med. | High. | Form. |                       |           | Amount.              | Height of Base. (feet). | Max. Day 7h-18h (°F.) | Min. Night 18h-7h (°F.) | Min. on Grass (°F.) |                    | Day 7h-18h mm. | Night 18h-7h mm. |      |     |     |  |
|                                       |                         |                              |                      |                        |           |        |           |            |                 |               |      |       |       |         |                                       |                         |                         |        |            |             |                 |                |      |      |       |       |                       |           |                      |                         |                       |                         |                     |                    |                |                  |      |     |     |  |
| 1                                     | London (Kew) ...        | 18                           | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | 1018.0  | +6                                    | NNW                     | 1                       | N      | 68         | 65          | 6               | 5              | -    | 2-3  | 2-3   | 2500  | 0                     | *         | 84                   | 58                      | 46                    | -                       | -                   | 15.2               |                |                  |      |     |     |  |
|                                       | Croydon ...             | 217                          | 1018.4               | +2                     | -         | 0      | 61        | 82         | 6               | -             | -    | -     | -     | 1018.0  | +2                                    | NW                      | 1                       | N      | 74         | 65          | 7               | -              | 4    | -    | 0     | 4-6   | -                     | 0         | 86                   | 60                      | 56                    | -                       | -                   | 15.5               |                |                  |      |     |     |  |
|                                       | S. Farnborough ...      | 226                          | 1018.2               | -4                     | -         | 0      | 60        | 85         | 8               | -             | 4    | -     | -     | 1017.8  | +2                                    | -                       | 0                       | 0      | 67         | 65          | 6               | -              | 8    | -    | 0     | 2-3   | -                     | 0         | 86                   | 54                      | 46                    | -                       | -                   | 15.4               |                |                  |      |     |     |  |
|                                       | Boscombe Down ...       | 417                          | 1018.7               | -2                     | SE        | 5      | 57        | 87         | 6               | 4             | 4    | -     | Tr    | 2-3     | 3000                                  | -                       | NW                      | 2      | N          | 62          | 85              | 6              | 5    | 7    | 1     | 2-3   | 4-6                   | 1000      | 0                    | *                       | 82                    | 56                      | 46                  | -                  | -              | 15.0             |      |     |     |  |
|                                       | Thorney Island ...      | 10                           | 1018.2               | -6                     | NNE       | 1      | 58        | 82         | 7               | -             | 3    | -     | -     | 1017.0  | -2                                    | NNE                     | 1                       | N      | 71         | 75          | 6               | -              | 8    | -    | 0     | 2-3   | -                     | 0         | 77                   | 55                      | 53                    | -                       | -                   | *                  |                |                  |      |     |     |  |
|                                       | Lympne ...              | 346                          | 1018.2               | -6                     | ESE       | 1      | 57        | 85         | 7               | -             | -    | -     | 0     | 0       | -                                     | -                       | SE                      | 1      | 0          | 75          | 65              | 8              | -    | -    | 0     | 0     | -                     | 0         | 78                   | 57                      | 49                    | -                       | -                   | 15.5               |                |                  |      |     |     |  |
|                                       | Manston ...             | 154                          | 1018.3               | -8                     | SSE       | 1      | 65        | 68         | 8               | -             | -    | -     | 0     | 0       | -                                     | -                       | -                       | 0      | 74         | 65          | 8               | -              | -    | -    | 0     | 0     | -                     | 0         | 83                   | 51                      | 53                    | -                       | -                   | 15.4               |                |                  |      |     |     |  |
| 2                                     | Shoeburyness ...        | 11                           | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | 1017.9  | +4                                    | SW                      | 1                       | bc     | 72         | 75          | 6               | 5              | -    | 1    | 1     | 2-3   | 4000                  | 1         | *                    | 84                      | 58                    | 46                      | -                   | -                  | 15.2           |                  |      |     |     |  |
|                                       | Felixstowe ...          | 15                           | 1018.3               | 0                      | SW        | 2      | 66        | 85         | 7               | -             | -    | -     | 0     | 0       | -                                     | -                       | SW                      | 2      | bc         | 69          | 85              | 6              | -    | 4    | -     | 0     | Tr                    | -         | 0                    | 76                      | 61                    | *                       | -                   | -                  | 15.2           |                  |      |     |     |  |
|                                       | Gorleston ...           | 5                            | 1018.7               | +4                     | SE        | 3      | 61        | 85         | 6               | -             | -    | -     | 0     | 0       | -                                     | -                       | SW                      | 2      | bc         | 69          | 75              | 7              | -    | 4    | -     | 0     | 2-3                   | -         | 0                    | 70                      | 61                    | 57                      | -                   | -                  | *              |                  |      |     |     |  |
|                                       | Mildenhall ...          | 19                           | 1017.2               | +2                     | SSW       | 2      | 65        | 75         | 8               | -             | -    | -     | 0     | 0       | -                                     | -                       | WSW                     | 2      | bc         | 67          | 65              | 7              | -    | 7    | -     | 0     | 2-3                   | -         | 0                    | 88                      | 60                    | 49                      | -                   | -                  | 15.3           |                  |      |     |     |  |
|                                       | Cranwell ...            | 240                          | 1016.4               | +2                     | WS        | 1      | 64        | 65         | 7               | -             | 3    | 1     | 0     | 2-3     | -                                     | -                       | WN                      | 3      | bc         | 67          | 65              | 6              | 5    | 9    | -     | 7-8   | 2500                  | 0         | *                    | 88                      | 61                    | 52                      | -                   | -                  | 13.3           |                  |      |     |     |  |
| 3                                     | Birmingham ...          | 535                          | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | 1017.5  | 0                                     | -                       | 0                       | 64     | 75         | 6           | 5               | 9              | -    | 4-6  | 2500  | 0     | *                     | 85        | 62                   | 48                      | -                     | -                       | 12.8                |                    |                |                  |      |     |     |  |
|                                       | Upper Heyford ...       | 408                          | 1017.6               | -2                     | S         | 1      | 61        | 75         | 7               | -             | 3    | -     | 0     | 2-3     | -                                     | -                       | SSW                     | 1      | c/pr       | 62          | 85              | 7              | 8    | 7    | -     | 7-8   | 10                    | 3500      | 1                    | *                       | 87                    | 57                      | 50                  | -                  | -              | Tr               |      |     |     |  |
| 4                                     | Ross-on-Wye ...         | 223                          | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | 1017.6  | +4                                    | WSW                     | 1                       | N      | 63         | 85          | 6               | -              | 8    | -    | 0     | 9+    | -                     | 0         | 85                   | 59                      | 52                    | -                       | -                   | Tr                 |                |                  |      |     |     |  |
| 5                                     | Hartland Point ...      | 299                          | 1017.5               | -2                     | SSW       | 2      | 62        | 82         | 8               | -             | 5    | -     | 0     | 9+      | -                                     | -                       | WNW                     | 3      | bc         | 59          | 87              | 3              | -    | -    | 10    | 10    | 1500                  | 0         | 3                    | 70                      | 59                    | 57                      | -                   | -                  | 12.8           |                  |      |     |     |  |
|                                       | Bristol ...             | 209                          | 1017.9               | +4                     | -         | 0      | 61        | 85         | 7               | 5             | 3    | -     | 4-6   | 2500    | -                                     | 1018.2                  | +4                      | -      | 0          | 64          | 85              | 7              | 5    | 8    | -     | 2-3   | 2500                  | 0         | *                    | 84                      | 60                    | 51                      | -                   | -                  | 14.4           |                  |      |     |     |  |
|                                       | Portland Bill ...       | 32                           | 1018.0               | -4                     | S         | 1      | 60        | 82         | 8               | -             | -    | -     | 4-6   | 4-6     | 2500                                  | -                       | 1017.6                  | -4     | NE         | 1           | c               | 62             | 85   | 8    | 2     | 4     | -                     | 4-6       | 7-8                  | 2500                    | 0                     | 2                       | 66                  | 57                 | *              | -                | -    |     |     |  |
|                                       | Plymouth ...            | 82                           | 1018.4               | -6                     | SE        | 1      | 62        | 85         | 7               | 3             | -    | -     | 0     | 10      | -                                     | -                       | NNW                     | 1      | bc         | 64          | 75              | 8              | -    | 3    | 3     | -     | 0                     | 2         | 70                   | 61                      | 56                    | -                       | -                   | 12.2               |                |                  |      |     |     |  |
|                                       | The Lizard ...          | 240                          | 1016.6               | -8                     | SE        | 1      | 63        | 85         | 8               | 8             | 2    | -     | 7-8   | 2500    | -                                     | 1017.9                  | +6                      | NW     | 3          | bc          | 62              | 82             | 2    | 5    | -     | -     | 10                    | 10        | 1200                 | 1                       | 3                     | 69                      | 58                  | *                  | -              | -                | 9.1  |     |     |  |
|                                       | Scilly (St. Mary's) ... | 163                          | 1017.7               | 0                      | WNW       | 3      | 59        | 87         | 6               | 5             | -    | 3     | 10    | 10      | 1500                                  | -                       | 1017.0                  | +12    | NW         | 3           | bc              | 60             | 85   | 8    | 8     | 7     | -                     | 4-6       | 2500                 | 0                       | 3                     | 72                      | 58                  | *                  | -              | -                | 10.1 |     |     |  |
|                                       | Guernsey ...            | 175                          | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | 1018.3  | +16                                   | NW                      | 2                       | c      | 55         | 87          | 6               | 7              | 7    | -    | 7-8   | 3000  | 0                     | 3         | 64                   | 54                      | *                     | -                       | -                   | Tr                 |                |                  |      |     |     |  |
| 6                                     | Pembroke ...            | 142                          | 1017.5               | +2                     | SW        | 3      | 61        | 87         | 1               | -             | -    | -     | 10    | 10      | 1500                                  | -                       | 1018.1                  | +4     | SW         | 1           | c               | 57             | 87   | 8    | 5     | -     | -                     | 10        | 10                   | 4000                    | 1                     | 2                       | 68                  | 55                 | 50             | -                | -    | *   |     |  |
| 7                                     | Holyhead Valley ...     | 26                           | 1016.1               | +2                     | SSW       | 3      | 58        | 87         | 3               | 5             | -    | -     | 10    | 10      | 300                                   | -                       | 1018.1                  | +4     | SW         | 1           | c               | 57             | 87   | 8    | 5     | -     | -                     | 10        | 10                   | 4000                    | 1                     | 2                       | 68                  | 55                 | 50             | -                | -    | *   |     |  |
|                                       | Chester (Sealand) ...   | 16                           | 1016.0               | -2                     | -         | 0      | 58        | 85         | 6               | -             | 9    | -     | 0     | 9       | -                                     | -                       | 1017.6                  | +12    | NW         | 3           | bc              | 59             | 82   | 4    | 5     | -     | -                     | 10        | 10                   | 200                     | 1                     | *                       | 85                  | 58                 | 51             | -                | -    | 0.6 |     |  |
| 8                                     | Manchester ...          | 70                           | 1016.4               | -2                     | S         | 1      | 58        | 85         | 6               | -             | 3    | -     | 0     | 4-6     | -                                     | -                       | 1017.3                  | +6     | WNW        | 1           | bc              | 61             | 82   | 4    | 5     | -     | -                     | 10        | 10                   | 200                     | 0                     | *                       | 86                  | 50                 | 47             | -                | -    | 8.3 |     |  |
| 10                                    | Spurn Head ...          | 29                           | 1016.0               | 0                      | SW        | 1      | 65        | 75         | 6               | -             | 1    | 0     | Tr    | -       | 1016.9                                | +8                      | -                       | 0      | 66         | 65          | 6               | -              | 3    | 1    | 0     | 4-6   | -                     | 0         | 1                    | 83                      | 62                    | *                       | -                   | -                  | 13.0           |                  |      |     |     |  |
|                                       | Catterick ...           | 175                          | 1016.6               | -2                     | SW        | 1      | 61        | 85         | 7               | 5             | 3    | -     | 4-6   | 7-8     | 2500                                  | -                       | 1016.3                  | +4     | S          | 1           | bc              | 65             | 85   | 8    | 5     | 9     | -                     | 7-8       | 2500                 | 0                       | *                     | 83                      | 58                  | 49                 | -              | -                | 3.6  |     |     |  |
|                                       | Tynemouth ...           | 108                          | 1016.0               | -2                     | W         | 1      | 64        | 75         | 6               | 2             | 3    | -     | 4-6   | 7-8     | 2500                                  | -                       | 1016.7                  | +10    | WNW        | 2           | c               | 63             | 83   | 6    | 5     | -     | -                     | 25        | 25                   | 2800                    | 0                     | 2                       | 76                  | 60                 | 57             | -                | -    | *   |     |  |
| 11                                    | St. Abbs Head ...       | 280                          | 1013.8               | -4                     | SW        | 4      | 61        | 85         | 8               | 4             | 7    | -     | 4-6   | 2500    | -                                     | 1015.0                  | +6                      | SW     | 2          | bc          | 61              | 85             | 8    | 4    | 5     | 4     | Tr                    | 4-6       | 2500                 | 0                       | 2                     | 62                      | 58                  | *                  | -              | -                | Tr   |     |     |  |
|                                       | Leuchars ...            | 36                           | 1013.4               | -6                     | -         | 0      | 60        | 85         | 6               | 5             | -    | -     | 10    | 10      | 1200                                  | -                       | 1014.6                  | +8     | SW         | 3           | bc              | 61             | 85   | 8    | -     | -     | 2-3                   | 4-6       | 2800                 | 1                       | *                     | 65                      | 56                  | 51                 | -              | -                | 0.5  |     |     |  |
| 12                                    | Reafrew (Abbots L.) ... | 19                           | 1014.3               | +2                     | WSW       | 2      | 58        | 87         | 6               | 8             | -    | -     | 9     | 9       | 1200                                  | -                       | 1015.9                  | +14    | WSW        | 1           | N               | 58             | 87   | 5    | 2     | -     | 1                     | 4-6       | 7-8                  | 2000                    | 1                     | *                       | 62                  | 55                 | 48             | -                | -    | 0.5 |     |  |
|                                       | Eskdalemuir ...         | 794                          | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | *       | 1016.2                                | +8                      | SW                      | 2      | N          | 56          | 85              | 6              | 2    | -    | -     | 1     | 4-6                   | 4-6       | 2500                 | 1                       | *                     | 59                      | 54                  | 54                 | -              | -                | 0.0  |     |     |  |
|                                       | Point of Ayre ...       | 30                           | 1015.2               | +2                     | W         | 3      | 59        | 82         | 8               | 5             | 2    | -     | 7-8   | 10      | 2500                                  | -                       | 1016.8                  | +8     | WN         | 3           | bc              | 58             | 85   | 8    | 5     | -     | 6                     | 1         | 7-8                  | 5000                    | 1                     | 2                       | 62                  | 53                 | *              | -                | -    | 0.0 |     |  |
| 13a                                   | Tiree ...               | 22                           | 1012.2               | +8                     | SW        | 3      | 58        | 85         | 8               | 5             | 2    | -     | 1     | 1       | 3500                                  | -                       | 1013.3                  | +6     | SW         | 3           | bc              | 57             | 85   | 8    | 2     | -     | -                     | 4-6       | 4-6                  | 2800                    | 0                     | 4                       | 64                  | 52                 | *              | -                | -    | 7.5 |     |  |
| 13b                                   | Stornoway ...           | 80                           | 1012.1               | 0                      | S         | 4      | 56        | 82         | 7               | 5             | 7    | -     | 7-8   | 2500    | -                                     | 1012.1                  | -2                      | S      | 6          | c           | 56              | 85             | 8    | 5    | 7     | -     | -                     | 4-6       | 2500                 | 1                       | 4                     | 65                      | 54                  | *                  | -              | -                | 11.0 |     |     |  |
| 15                                    | Dalwhinnie ...          | 1176                         | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | *       | 1014.8                                | +12                     | S                       | 3      | c          | 55          | 75              | 7              | 2    | 6    | -     | -     | 2-3                   | 7-8       | 2500                 | 1                       | *                     | 61                      | 48                  | 39                 | -              | -                | 0.5  |     |     |  |
|                                       | Aberdeen ...            | 79                           | *                    | *                      | *         | *      | *         | *          | *               | *             | *    | *     | *     | *       | 1013.8                                | +4                      | WS                      | 2      | b          | 62          | 75              | 8              | -    | -    | 9     | 0     | Tr                    | -         | 1                    | 2                       | 64                    | 56                      | 49                  | -                  | -              | 0.4              |      |     |     |  |
|                                       | Wick ...                | 83                           | 1011.8               | -2                     | SW        | 2      | 57        | 87         | 8               | 5             | -    | -     | 7-8   | 7-8     | 4000                                  | -                       | 1012.9                  | +10    | SSW        | 3           | b               | 59             | 78   | 8    | 5     | -     | -                     | 1         | 1                    | 3000                    | 0                     | *                       | 63                  | 51                 | 46             | -                | -    | *   |     |  |
| 16                                    | Low Wick Sunbush ...    | 30                           | 1012.3               | -16                    | SE        | 3      | 54        | 87         | 6               | 5             | 7    | -     | 9     | 10      | 300                                   | -                       | 1012.1                  | +6     | W          | 2           | bc              | 51             | 87   | 1    | -     | -     | 0                     | 0         | -                    | *                       | *                     | 50                      | *                   | *                  | -              | -                | *    |     |     |  |
| 17                                    | Blacksod Point ...      | 18                           | 1014.0               | +4                     | SW        | 4      | 57        | 85         | 7               | 3             | -    | -     | 4-6   | 4-6     | 1500                                  | -                       | 1016.0                  | +10    | WSW        | 4           | bc              | 58             | 85   | 8    | 3     | -     | -                     | 2-3       | 2-3                  | 1500                    | 0                     | 3                       | 65                  | 54                 | *              | -                | -    | 0.2 |     |  |
| 18                                    | Malin Head ...          | 84                           | 1014.1               | +8                     | S         | 1      | 55        | 85         | 8               | 4             | -    | -     | 2-3   | 2-3     | 5700                                  | -                       | 1015.0                  | +6     | SW         | 4           | bc              | 57             | 75   | 8    | 9     | -     | -                     | 1         | 2-3                  | 2-3                     | 5700                  | 0                       | 2                   | 64                 | 52             | *                | -    | -   | 3.8 |  |
|                                       | Aldergrove ...          | 268                          | 1015.1               | +6                     | SW        | 1      | 55        | 87         | 7               | 5             | -    | -     | 2-3   | 2-3     |                                       |                         |                         |        |            |             |                 |                |      |      |       |       |                       |           |                      |                         |                       |                         |                     |                    |                |                  |      |     |     |  |



# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET  
BRITISH SECTION  
Wednesday 31st July 1941  
No. 29,084.

| OBSERVATIONS at 13h. G.M.T. 8th July |                                      |                               |                              |               |               |                 |                      |                 |                    |              |                            |                                      |                | OBSERVATIONS at 18h. G.M.T. 8th July |                                |                               |               |                            |                  |                       |                  |                     |                                      |                 |                  |                  |                  | PAST 24 HOURS.          |              |          |        |          |         |         |        |      |
|--------------------------------------|--------------------------------------|-------------------------------|------------------------------|---------------|---------------|-----------------|----------------------|-----------------|--------------------|--------------|----------------------------|--------------------------------------|----------------|--------------------------------------|--------------------------------|-------------------------------|---------------|----------------------------|------------------|-----------------------|------------------|---------------------|--------------------------------------|-----------------|------------------|------------------|------------------|-------------------------|--------------|----------|--------|----------|---------|---------|--------|------|
| DISTRICT.                            | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.         |               | Weather.<br>(5) | Temp.<br>(°F)<br>(6) | % Humid.<br>(7) | Visibility.<br>(8) | Cloud.       |                            |                                      |                |                                      | Barom.<br>at<br>M.S.L.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.         |                            | Weather.<br>(19) | Temp.<br>(°F)<br>(20) | % Humid.<br>(21) | Visibility.<br>(22) | Cloud.                               |                 |                  |                  |                  | State of<br>Sky<br>(29) | Sea.<br>(30) | WEATHER. |        |          |         |         |        |      |
|                                      |                                      |                               |                              | Direc.<br>(3) | Force.<br>(4) |                 |                      |                 |                    | Form.<br>(9) | Amount.<br>(10-10)<br>(11) | Height of<br>Base.<br>(feet)<br>(12) | Direc.<br>(17) | Force.<br>(18)                       |                                |                               | Form.<br>(23) | Amount.<br>(24-24)<br>(25) |                  |                       |                  |                     | Height of<br>Base.<br>(feet)<br>(26) | 7h-13h.<br>(37) | 13h-15h.<br>(38) | 15h-18h.<br>(39) | 18h-24h.<br>(40) |                         |              |          |        |          |         |         |        |      |
|                                      |                                      |                               |                              |               |               |                 |                      |                 |                    |              |                            |                                      |                |                                      |                                |                               |               |                            |                  |                       |                  |                     |                                      |                 |                  |                  |                  |                         |              | Low.     | Med.   | High.    | Low.    | Total.  | High.  | Low. |
| 1                                    | London (Kew)...                      | 1015.5                        | -10                          | S/E           | 1             | c               | 84                   | 55              | 8                  | -            | -                          | 7-8                                  | 7-8            | 2500                                 | 1015.1                         | 0                             | N/W           | 2                          | c                | 80                    | 55               | 8                   | 8                                    | -               | 3                | 9                | 9                | 2500                    | 0            | *        | bazyay | cy       | bcmw    | cprbcm  |        |      |
|                                      | Croydon ...                          | 1015.9                        | -12                          | S             | 3             | c               | 84                   | 45              | 8                  | 2            | 8                          | 7-8                                  | 7-8            | 4000                                 | 1014.6                         | -6                            | S             | 2                          | c                | 85                    | 55               | 8                   | 7                                    | 6               | 9                | 9                | 3500             | 0                       | *            | bzybay   | cybay  | cprbcm   | bcmgm   |         |        |      |
|                                      | S. Farnborough                       | 1015.6                        | -12                          | ESE           | 2             | c               | 86                   | 45              | 8                  | 1            | 8                          | 4-6                                  | 7-8            | 6000                                 | 1014.4                         | -8                            | S             | 2                          | bc               | 85                    | 55               | 8                   | 3                                    | 6               | 3                | 2-3              | 2-3              | 5700                    | 0            | *        | pzbaye | cybay    | beyzc   | cmlo    |        |      |
|                                      | Boscombe Down                        | 1016.2                        | +14                          | E             | 2             | bc              | 82                   | 45              | 7                  | 1            | -                          | 4-6                                  | 4-6            | 4000                                 | 1015.7                         | -6                            | NW/W          | 4                          | bc               | 70                    | 65               | 6                   | 5                                    | -               | -                | Tr               | Tr               | 5700                    | 0            | *        | bcbz   | beybz    | beybz   | czbcmo  |        |      |
|                                      | Thorney Island                       | 1018.9                        | -8                           | ESE           | 2             | b               | 82                   | 55              | 8                  | -            | 8                          | -                                    | -              | -                                    | 1015.2                         | -4                            | WN            | 2                          | bc               | 73                    | 75               | 8                   | 2                                    | 7               | -                | 2-3              | 2-3              | 5700                    | 0            | 0        | bcmoby | beybcb   | bcawm   | beybcm  |        |      |
|                                      | Lympe ...                            | 1016.0                        | -10                          | S/E           | 2             | b               | 82                   | 55              | 8                  | 1            | 8                          | Tr                                   | Tr             | 5700                                 | 1016.1                         | -6                            | ESE           | 1                          | bc               | 81                    | 55               | 8                   | 3                                    | 5               | -                | Tr               | 2-3              | 5000                    | 0            | \$       | bcmby  | beyb     | beybcm  | beybcm  |        |      |
|                                      | Manston ...                          | 1016.6                        | -10                          | SE            | 2             | b               | 85                   | 55              | 7                  | -            | 8                          | -                                    | 0              | Tr                                   | 1015.5                         | 0                             | R/S           | 3                          | b                | 77                    | 55               | 7                   | 3                                    | 6               | -                | Tr               | Tr               | 3000                    | 0            | *        | bby    | beybzobz | beybcm  | beybcm  |        |      |
| 2                                    | Shoeburyness ...                     | 1017.2                        | -12                          | EIS           | 3             | bc              | 73                   | 65              | 8                  | -            | 8                          | -                                    | 0              | 2-3                                  | -                              | 1015.4                        | -10           | ESE                        | 3                | bc                    | 73               | 65                  | 7                                    | -               | 7                | -                | 0                | 2-3                     | -            | 0        | 2      | bzobc    | babbe   | bcm     | bcm    |      |
|                                      | Felixstowe ...                       | 1017.2                        | -6                           | ESE           | 3             | bc              | 73                   | 65              | 7                  | -            | 8                          | -                                    | 2-3            | 2-3                                  | 1200                           | 1015.7                        | -14           | EIS                        | 3                | bc                    | 71               | 65                  | 6                                    | 3               | 6                | 3                | Tr               | 1                       | 2500         | 0        | 1      | bmobz    | bcm     | bcm     | bcm    |      |
|                                      | Gorleston ...                        | 1018.1                        | -6                           | SE            | 2             | bc              | 67                   | 75              | 6                  | -            | 4                          | -                                    | 0              | 2-3                                  | -                              | 1017.2                        | -6            | -                          | 0                | 66                    | 75               | 6                   | -                                    | 8               | -                | 0                | 2-3              | -                       | 0            | 1        | bc     | bc       | bc      | bc      |        |      |
|                                      | Mildenhall ...                       | 1017.1                        | -2                           | -             | 0             | bc              | 83                   | 45              | 8                  | 7            | 3                          | -                                    | 2-3            | 2-3                                  | 5700                           | 1014.6                        | -10           | N/E                        | 1                | cl                    | 70               | 55                  | 6                                    | 8               | 7                | -                | 4-6              | 9                       | 2500         | 0        | *      | bboy     | cprcytz | chkrbcm | bcmgm  |      |
|                                      | Cranwell ...                         | 1017.2                        | -2                           | WNW           | 3             | c               | 79                   | 55              | 7                  | 5            | 8                          | -                                    | 2-3            | 9                                    | 5000                           | 1016.1                        | -6            | NW                         | 3                | c                     | 77               | 55                  | 7                                    | 8               | -                | -                | 9                | 9                       | 3500         | 0        | *      | cy       | cyc     | cprcm   | cprcm  |      |
| 3                                    | Birmingham                           | 1017.1                        | -2                           | NW            | 2             | bc/pr           | 76                   | 55              | 6                  | 8            | -                          | -                                    | 4-6            | 4-6                                  | 4000                           | 1016.9                        | +2            | NW                         | 3                | c/pr                  | 68               | 75                  | 6                                    | 8               | -                | -                | 7-8              | 7-8                     | 2500         | 0        | *      | cbccz    | cbpbc   | pbc     | c      |      |
|                                      | Upper Heyford                        | 1016.2                        | -10                          | W/S           | 2             | bc              | 81                   | 55              | 8                  | 1            | 3                          | 4                                    | 1              | 4-6                                  | 5500                           | 1015.1                        | -2            | NW                         | 3                | bc                    | 79               | 55                  | 7                                    | 8               | 3                | -                | 1                | 4-6                     | 5000         | 0        | *      | cpcabey  | bey     | bey     | cbcz   |      |
| 4                                    | Ross-on-Wye ...                      | 016.9                         | -8                           | NW            | 3             | bc              | 76                   | 55              | 7                  | 1            | 8                          | -                                    | 2-3            | 4-6                                  | 4000                           | 1016.7                        | -6            | N                          | 3                | c                     | 72               | 75                  | 7                                    | 5               | -                | -                | 7-8              | 9                       | 2500         | 0        | *      | cbe      | beyz    | c       | c      |      |
| 5                                    | Hartland Point                       | 1019.1                        | +4                           | N             | 2             | c               | 61                   | 85              | 7                  | 2            | 9                          | -                                    | 2-3            | 7-8                                  | 1500                           | 1018.8                        | -2            | NW                         | 3                | bc                    | 60               | 85                  | 8                                    | -               | 8                | 3                | 0                | 4-6                     | -            | 0        | 1      | mblfde   | cbe     | bcc     | bcc    |      |
|                                      | Bristol ...                          | 1017.3                        | -10                          | WNW           | 2             | c               | 77                   | 55              | 8                  | -            | 8                          | -                                    | 0              | 7-8                                  | -                              | 1016.9                        | -4            | WNW                        | 3                | bc                    | 73               | 65                  | 8                                    | -               | 3                | 4                | 0                | 4-6                     | -            | 0        | 2      | cby      | bey     | bcc     | cy     |      |
|                                      | Portland Bill                        | 1017.0                        | -6                           | NW            | 2             | c               | 75                   | 8               | 2                  | 4            | -                          | -                                    | 4-6            | 7-8                                  | 2500                           | 1016.4                        | -2            | NW                         | 2                | bc                    | 66               | 85                  | 8                                    | 1               | -                | -                | 2-6              | 4-6                     | 2500         | 0        | 2      | cbe      | cbe     | bcc     | cy     |      |
|                                      | Plymouth ...                         | 1018.2                        | +2                           | NW            | 3             | bc              | 74                   | 65              | 8                  | 2            | -                          | 3                                    | 1              | 2-3                                  | 2500                           | 1018.3                        | +2            | WNW                        | 4                | bc                    | 60               | 65                  | 8                                    | 4               | 4                | 2                | Tr               | 2-3                     | 6000         | 0        | 3      | bcb      | ba      | bcc     | c/b    |      |
|                                      | The Lizard                           | 1019.4                        | +4                           | N             | 4             | bc              | 70                   | 75              | 8                  | 2            | 6                          | -                                    | 4-6            | 4-6                                  | 2500                           | 1019.2                        | 0             | NW                         | 4                | bc                    | 66               | 65                  | 8                                    | 4               | -                | -                | 4-6              | 4-6                     | 2500         | 0        | 3      | bc       | bc      | bcc     | bc     |      |
|                                      | Scilly (St. Mary's)                  | 1020.2                        | +10                          | SE/E          | 4             | bc              | 66                   | 65              | 8                  | 8            | 7                          | 4                                    | 2-3            | 4-6                                  | 1500                           | 1020.5                        | 0             | N                          | 4                | bc                    | 64               | 65                  | 8                                    | 4               | 4                | -                | 2-3              | 4-6                     | 1500         | 0        | 3      | cbe      | bc      | bcc     | cbe    |      |
|                                      | Guernsey ...                         |                               |                              |               |               |                 |                      |                 |                    |              |                            |                                      |                |                                      |                                |                               |               |                            |                  |                       |                  |                     |                                      |                 |                  |                  |                  |                         |              |          |        |          |         |         |        |      |
| 6                                    | Pembroke                             | 1019.4                        | +4                           | NW            | 2             | c               | 62                   | 85              | 7                  | 7            | 7                          | 1                                    | 4-6            | 7-8                                  | 3000                           | 1019.7                        | +2            | NW/W                       | 3                | bc                    | 60               | 85                  | 8                                    | 7               | 7                | 1                | 2-3              | 4-6                     | 3000         | 0        | 3      | cbce     | cbe     | bc      | beygm  |      |
| 7                                    | Holyhead (Valley)                    | 1019.3                        | +2                           | NW            | 3             | bc              | 64                   | 65              | 8                  | 2            | 2                          | 1                                    | 4-6            | 2500                                 | 1018.8                         | -10                           | WNW           | 2                          | bc               | 66                    | 55               | 8                   | 5                                    | 6               | 1                | 1                | 4-6              | 3000                    | 0            | 2        | bc     | bey      | cbe     | bcjg    |        |      |
|                                      | Chester (Sealand)                    | 1018.7                        | 0                            | NNW           | 3             | c               | 62                   | 65              | 7                  | 5            | -                          | -                                    | 9              | 10                                   | 3000                           | 1018.9                        | +2            | NW                         | 3                | c                     | 62               | 65                  | 8                                    | 5               | 9                | -                | 7-8              | 9                       | 4500         | 0        | *      | ddgmacc  | c       | c       | cbccbc |      |
| 8                                    | Manchester ...                       | 1018.7                        | +2                           | WNW           | 2             | c               | 67                   | 75              | 7                  | 9            | -                          | -                                    | 9              | 9                                    | 800                            | 1018.8                        | +2            | WNW                        | 3                | c                     | 65               | 65                  | 8                                    | 5               | 3                | -                | 7-8              | 9                       | 4200         | 0        | *      | cdgmacc  | c       | c       | ccm    |      |
| 10                                   | Spurn Head ...                       | 1017.4                        | 0                            | E/N           | 3             | zo              | 67                   | 75              | 5                  | 5            | -                          | -                                    | 9              | 9                                    | 4000                           | 1017.6                        | 0             | NE                         | 4                | zo                    | 64               | 65                  | 6                                    | -               | -                | 1                | 0                | 0                       | -            | 0        | 1      | czo      | bzz     | bc      | chr    |      |
|                                      | Catterick ...                        | 1017.2                        | +2                           | W             | 1             | c               | 73                   | 55              | 8                  | 8            | 7                          | -                                    | 4-6            | 9                                    | 2500                           | 1017.2                        | -2            | W/S                        | 2                | c                     | 71               | 55                  | 8                                    | 8               | -                | -                | 9                | 9                       | 4500         | 0        | *      | cay      | cy      | cygc    | c      |      |
|                                      | Tynemouth ...                        | 1017.5                        | +4                           | W             | 2             | c               | 70                   | 55              | 6                  | 2            | 3                          | -                                    | 4-6            | 7-8                                  | 3000                           | 1017.9                        | 0             | ESE                        | 3                | c                     | 63               | 75                  | 6                                    | 8               | -                | -                | -                | 7-8                     | 7-8          | 2000     | 0      | 2        | c       | c       | c      | c    |
| 11                                   | St. Abbs Head                        | 1016.8                        | +8                           | -             | 0             | c               | 63                   | 75              | 8                  | 7            | 4                          | -                                    | 7-8            | 9                                    | 2000                           | 1017.1                        | +2            | SE                         | 2                | c                     | 63               | 75                  | 8                                    | 5               | 7                | -                | 7-8              | 9                       | 2000         | 0        | 1      | c        | c       | cbe     | bcb    |      |
|                                      | Leuchars                             | 1016.2                        | +6                           | WSW           | 5             | bc              | 70                   | 45              | 8                  | 1            | -                          | 6                                    | 2-3            | 4-6                                  | 3500                           | 1016.9                        | +2            | SW                         | 4                | bc                    | 69               | 45                  | 9                                    | 1               | -                | 8                | Tr               | 4-6                     | 3200         | 0        | *      | bey      | bey     | beybcb  | bcb    |      |
| 12                                   | Renfrew (Abbots L.)                  | 1017.5                        | +6                           | WSW           | 3             | c               | 66                   | 55              | 9                  | 2            | -                          | 6                                    | 4-6            | 7-8                                  | 3000                           | 1017.8                        | +2            | SW                         | 2                | c                     | 65               | 55                  | 8                                    | 2               | -                | 6                | 2-3              | 9                       | 2500         | 0        | *      | cmgbey   | bcc     | ccyjb   | bfqjfm |      |
|                                      | Eskdalemuir ...                      | 1016.9                        | +2                           | SW/S          | 3             | bc              | 64                   | 65              | 8                  | 7            | 1                          | 4                                    | 4              | 4                                    | 2500                           | 1017.5                        | +2            | SSW                        | 3                | bc                    | 64               | 65                  | 8                                    | 8               | 3                | -                | 1                | 2-3                     | 2500         | 1        | 0      | bc       | c       | cbe     | bcb    |      |
|                                      | Point of Ayre ...                    | 1018.8                        | +4                           | NW/W          | 3             | c               | 63                   | 75              | 8                  | 1            | -                          | 4                                    | 1              | 9                                    | 4000                           | 1018.8                        | 0             | -                          | 0                | c                     | 59               | 85                  | 8                                    | 1               | -                | 9                | Tr               | 7-8                     | 4000         | 0        | 0      | c        | c       | cbe     | bcbbc  |      |
| 13A                                  | Tiree ...                            | 1015.6                        | +4                           | SW            | 5             | bc              | 61                   | 75              | 8                  | 2            | -                          | 1                                    | 4-6            | 4-6                                  | 2500                           | 1016.7                        | +4            | SW/S                       | 4                | bc                    | 59               | 75                  | 8                                    | 2               | 3                | -                | 1                | 2-3                     | 2800         | 0        | 4      | bc       | bc      | bcc     | bc     |      |
| 13B                                  | Stornoway                            | 1013.1                        | +8                           | S             | 6             | pr              | 58                   | 85              | 7                  | 8            | 7                          | -                                    | 7-8            | 10                                   | 1500                           | 1015.4                        | +6            | S                          | 6                | c/pr                  | 57               | 92                  | 8                                    | 8               | 7                | -                | 4-6              | 9                       | 1800         | 1        | 4      | cpr      | cpr     | c       | c      |      |
| 15                                   | Dalwhinnie ...                       | 1016.0                        | +16                          | SSW           | 2             | bc              | 62                   | 55              | 8                  | 8            | 1                          | -                                    | 2-3            | 4-6                                  | 2500                           | 1016.7                        | +4            | S                          | 3                | c                     | 62               | 55                  | 8                                    | 8               | 9                | -                | 2-3              | 9                       | 2500         | 0        | *      | bc       | c       | c       | c      |      |
|                                      | Aberdeen ...                         | 1015.1                        | +2                           | WSW           | 3             | bc              | 72                   | 35              | 8                  | 1            | -                          | 6                                    | 2-3            | 2-3                                  | 4100                           | 1015.8                        | +4            | SSW                        | 3                | bc                    | 60               | 45                  | 7                                    | 4               | -                | 9                | 4-6              | 4-6                     | 4500         | 0        | *      | bby      | bey     | beybcb  | bcb    |      |
|                                      | Wick ...                             | 1014.2                        | +6                           | SSW           | 4             | bc              | 66                   | 65              | 9                  | 1            | 4                          | -                                    | 4-6            | 4-6                                  | 3500                           | 1015.6                        | +12           | NE                         | 3                | c                     | 62               | 75                  | 9                                    | 4               | 6                | 4                | 4-6              | 7-8                     | 3500         | 0        | *      | bc       | o       | cbe     | bc     |      |
| 16                                   | Levenich, Sumburgh                   | 014.1                         | +6                           | SW/W          | 3             | b               | 58                   | 85              | 8                  | 1            | 4                          | -                                    | Tr             | 1                                    | 3000                           | 1016.2                        | +8            | SSW                        | 3                | c                     | 57               | 75                  | 8                                    | 5               | 8                | -                | 4-6              | 7-8                     | 3000         | *        | *      | b        | c       | c       | bc     |      |
| 17                                   | Blackod Point..                      | 1017.8                        | +8                           | SW            | 4             | bc              | 61                   | 75              | 8                  | 3            | -                          | -                                    | 4-6            | 4-6                                  | 2500                           | 1018.5                        | +2            | W/S                        | 4                | bc                    | 60               | 75                  | 8                                    | 2               | -                | -                | 4-6              | 4-6                     | 4000         | 0        | 3      | bc       | bc      | c       | ir     |      |
| 18                                   | Malin Head ...                       | 1016.8                        | +6                           | W             | 4             | c               | 60                   | 75              | 8                  | 9            | -                          | 2                                    | 4-6            | 7-8                                  | 5700                           | 1017.5                        | +4            | W                          | 4                | c                     | 61               | 75                  | 8                                    | 4               | 9                | -                | 2-3              | 7-8                     | 5700         | 0        | 4      | bc       | c       | c       | c      |      |
|                                      | Aldergrove ...                       | 1018.2                        | +2                           | WSW           | 2             | c               | 67                   | 55              | 8                  | 8            | -                          | 6                                    | 4-6            | 9                                    | 3000                           | 1018.3                        | +2            | WSW                        | 3                | c                     | 64               | 65                  | 9                                    | 7               | 3                | 9                | 7-8              | 9                       | 3000         | 1        | *      | bcbcb    | cbcc    | bcbcbcb | bwbcmw |      |
| 19                                   | Birr Castle ...                      | 1019.2                        | +4                           | WSW           | 2             | c               | 64                   | 65              | 8                  | 8            | 7                          | -                                    | 7-8            | 9                                    | 1500                           | 1019.4                        | +2            | WSW                        | 2                | bc                    | 67               | 65                  | 8                                    | 2               | -                | 2                | 2-3              | 4-6                     | 1500         | 1        | 3      | c        | cbe     | bcb     | b      |      |
| 20                                   | Valentia Obay. †                     | 1020.7                        | +4                           | W             | 3             | c               | 65                   | 75              | 8                  | 8            | -                          | 2                                    | 4-6            | 7-8                                  | 2500                           | 021.0                         | -2            | SW/W                       | 3                | c                     | 61               | 75                  | 9                                    | 2               | -                | 1                | 7-8              | 7-8                     | 2500         | 1        | 3      | c        | cbe     | bcbw    | iridnc |      |
|                                      | Roches Point ...                     | 1020.3                        | +4                           | W             | 3             | c               | 60                   | 85              | 8                  | 3            | -                          | 3                                    | 4-6            | 7-8                                  | 2500                           | 019.3                         | -8            | NW                         | 3                | c                     | 65               | 65                  | 8                                    | 2               | -                | 5                | 4-6              | 7-8                     | 2500         | 1        | 3      | bcc      | c       | bcbw    | bwb    |      |

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.  
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>0</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, slight rain.

⊕ Solar halo. ⊙ lunar halo. ✧ Aurora.

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

A "solitus" divides actual existing weather from preceding conditions thus: —bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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.

§ See 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,—: Cirrocumulus,—C: Cirrostratus,—S:       |                                   | COLUMN 29 — ST. |  |
|---------------------------------------------------|-----------------------------------|-----------------|--|
| Stratocumulus,—Sc: Stratus,—Sf: Nimbostratus,—Ns: |                                   |                 |  |
| 0                                                 | Ground dry.                       | 7               |  |
| 1                                                 | wet.                              |                 |  |
| 2                                                 | flooded.                          | 8               |  |
| 3                                                 | frozen hard and dry.              |                 |  |
| 4                                                 | partly covered with snow or hail. | 9               |  |
| 5                                                 | covered with ice or glazed frost. |                 |  |
| 6                                                 | covered with thawing snow.        |                 |  |

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

- 0 No cirriform cloud.
- 1 Fine Ci not increasing: sparse.
- 2 Fine Ci not increasing: abundant but not a continuous layer.
- 3 Anvil Ci (usually dense).
- 4 Fine Ci increasing: usually in tufts.
- 5 Ci or 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).

COLUMN 29 — STATE OF GROUND.

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

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



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                    |                    |                |                                      |                    |                    |                |                   |                    |                    |                |       |       |
|------------------------------------------------------------------------------|--------------------|--------------------|----------------|--------------------------------------|--------------------|--------------------|----------------|-------------------|--------------------|--------------------|----------------|-------|-------|
| 13h. G.M.T. 8th July.....18h. G.M.T.                                         |                    |                    |                | 01h. G.M.T. 9th July.....07h. G.M.T. |                    |                    |                |                   |                    |                    |                |       |       |
| IIIC <sub>1</sub>                                                            | wwVhN <sub>1</sub> | DDFWN <sub>1</sub> | C <sub>1</sub> | IIIC <sub>2</sub>                    | wwVhN <sub>2</sub> | DDFWN <sub>2</sub> | C <sub>2</sub> | IIIC <sub>3</sub> | wwVhN <sub>3</sub> | DDFWN <sub>3</sub> | C <sub>3</sub> |       |       |
| 109                                                                          | 70                 | 01954              | 24314          | 40                                   | 01854              | 23314              | 40             | 01763             | 16113              | 57                 | 01861          | 15204 |       |
| 115                                                                          | 74                 | 01844              | 20525          | 74                                   | 01844              | 20425              | 54             | 02844             | 18525              |                    |                |       |       |
| 203                                                                          |                    |                    |                | 5-                                   | 02846              | 18526              | 8-             | 01834             | 20514              | 5-                 | 02847          | 20527 |       |
| 206                                                                          | 75                 | 01964              | 22224          | 75                                   | 02063              | 22225              | 5-             | 01863             | 20113              | 57                 | 02862          | 28125 |       |
| 210                                                                          | 14                 | 01964              | 22414          | 53                                   | 01964              | 22415              | 54             | 00061             | 00012              | 50                 | 02871          | 20217 |       |
| 220                                                                          | 13                 | 01853              | 21404          | 13                                   | 01853              | 21404              |                |                   |                    | 53                 | 01843          | 20314 |       |
| 230                                                                          | 24                 | 00853              | 20483          | 84                                   | 02855              | 21315              | 24             | 00853             | 00013              | 53                 | 02843          | 00016 |       |
| 246                                                                          | 20                 | 02954              | 22315          | 10                                   | 01963              | 22415              | 03             | 01990             | 24124              | 08                 | 00890          | 21212 |       |
| 260                                                                          | 10                 | 02864              | 22315          | 20                                   | 01863              | 22314              | 53             | 05662             | -----              | 13                 | 05661          | 00002 |       |
| 277                                                                          |                    |                    |                |                                      |                    |                    |                |                   |                    |                    |                |       |       |
| 279                                                                          | 27                 | 02862              | 19326          | 23                                   | 01862              | 20315              |                |                   |                    | 07                 | 05663          | 00002 |       |
| 285                                                                          | 13                 | 02853              | 22427          |                                      |                    |                    |                |                   |                    | 53                 | 01853          | 28314 |       |
| 288                                                                          | 8-                 | 02755              | 26227          | 8-                                   | 17557              | 01227              | 5-             | 17457             | 30227              | 5-                 | 17548          | 31128 |       |
| 273                                                                          |                    |                    |                |                                      |                    |                    |                |                   |                    |                    |                |       |       |
| 301                                                                          | 53                 | 02735              | 26256          | 53                                   | 02973              | 28225              | 03             | 00890             | 28202              | 03                 | 05660          | 30101 |       |
| 321                                                                          | 83                 | 05663              | 32326          | 53                                   | 05663              | 26385              | 07             | 05660             | 00025              | 50                 | 05664          | 30325 |       |
| 299                                                                          | 57                 | 06546              | 00017          | 50                                   | 05653              | 07283              | --             | 46109             | 30249              |                    |                |       |       |
| 292                                                                          | 73                 | 02854              | 23227          | 57                                   | 05662              | 00085              | 5-             | 02765             | 28225              | 5-                 | 02858          | 29278 |       |
| 310                                                                          | --                 | 01634              | 24314          |                                      |                    |                    |                |                   |                    |                    |                |       |       |
| 316                                                                          | 53                 | 05675              | 00087          |                                      |                    |                    |                | 5-                | 05564              | 32114              | 53             | 05567 | 02327 |
| 333                                                                          | 17                 | 01951              | 30214          | 13                                   | 01971              | 26314              | 05             | 01930             | 28214              | 04                 | 00930          | 26111 |       |
| 334                                                                          |                    |                    |                |                                      |                    |                    |                |                   |                    | --                 | 01690          | 08202 |       |
| 340                                                                          | 77                 | 25655              | 30387          | 53                                   | 01760              | 28324              | 5-             | 02766             | 30126              | 53                 | 02764          | 30425 |       |
| 136                                                                          | 09                 | 01872              | 31313          | 09                                   | 01790              | 00314              | 06             | 04530             | 04194              | 23                 | 05673          | 02217 |       |
| 336                                                                          | 51                 | 03763              | 28328          |                                      |                    |                    |                |                   |                    | 04                 | 01890          | 26312 |       |
| 350                                                                          |                    |                    |                | 30                                   | 01665              | 30295              | 5-             | 05665             | 30225              | 57                 | 05666          | 32227 |       |
| 368                                                                          | 23                 | 02862              | 24326          |                                      |                    |                    |                |                   |                    | 50                 | 05664          | 24225 |       |
| 379                                                                          | 14                 | 01762              | 18214          | 80                                   | 05664              | 28314              | 52             | 05665             | 30328              | 03                 | 05660          | 30301 |       |
| 390                                                                          | 26                 | 02765              | 19115          | 0-                                   | 02766              | 08226              | 09             | 05660             | 32114              | 53                 | 41464          | 26245 |       |
| 382                                                                          | 14                 | 01861              | 08203          | 80                                   | 02864              | 28315              | 53             | 05662             | 28327              | 03                 | 05660          | 30314 |       |
| 438                                                                          | 00                 | 00790              | 08400          |                                      |                    |                    |                |                   |                    | 54                 | 01763          | 24114 |       |
| 430                                                                          | 28                 | 00861              | 14201          | 27                                   | 01863              | 12113              | 00             | 05660             | 30215              | 03                 | 05660          | 32225 |       |
| 409                                                                          | 57                 | 01743              | 31455          |                                      |                    |                    |                | 04                | 02830              | 28326              | 54             | 01842 | 28314 |

III

ww, W

h, N<sub>h</sub>

N

C<sub>1</sub>, C<sub>2</sub>

V<sub>30</sub>

DD

= Index Number of Station—See M.O. 252 or list issued on 1st of each month.

= Present and past weather—See M.O. 252.

= Height and amount of low cloud—See M.O. 252.

= Total amount of cloud—See M.O. 252.

= Form of low and medium cloud—See page 1.

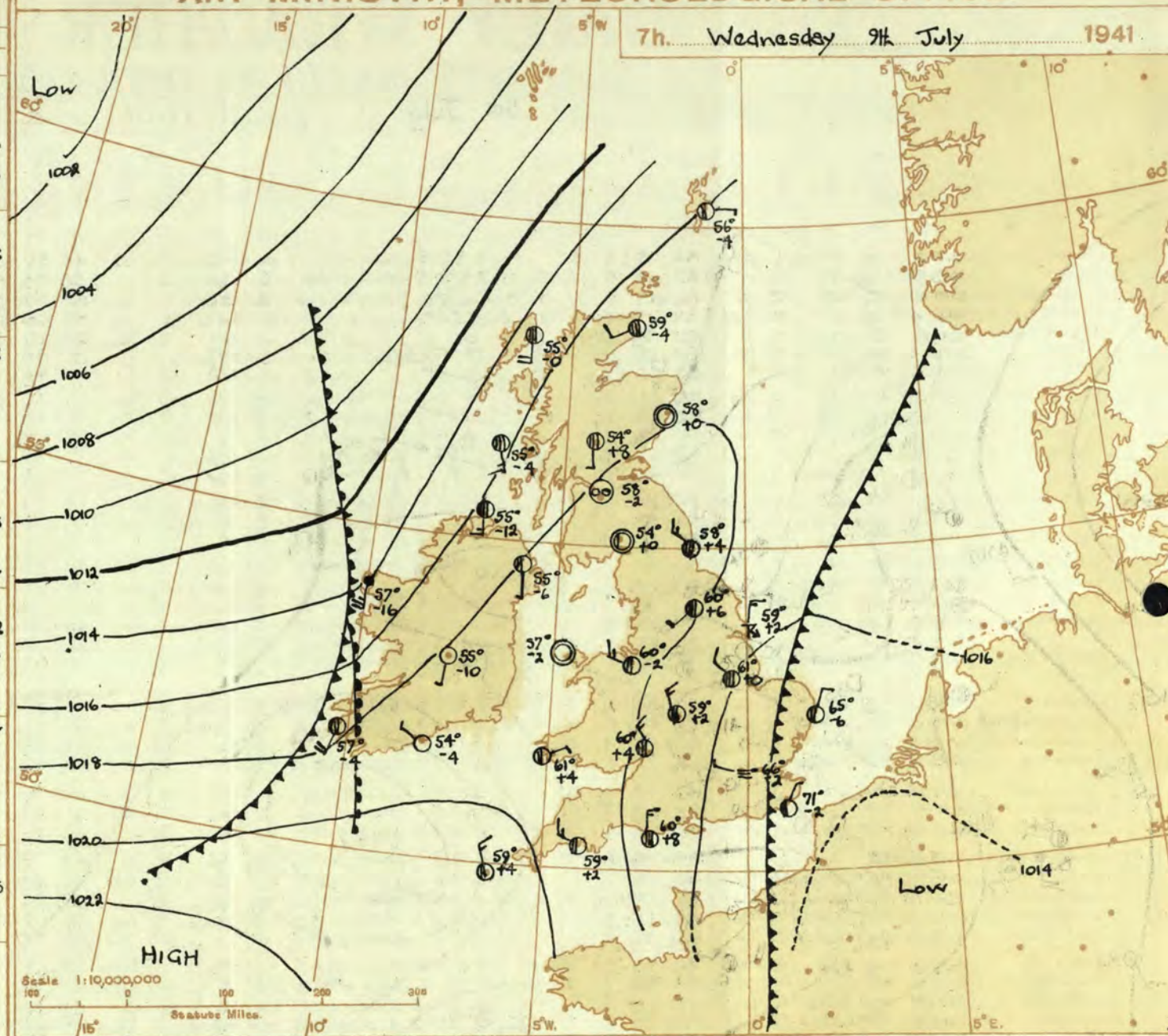
= Visibility. F = Force of wind—See page 4.

= Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

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. Wednesday 9th July 1941



| DISTRICTS.                                 | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 9th July, 1941.                                                                                                             |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Light N-N.W. winds, becoming S.W. moderate tomorrow; mainly fine today apart from a chance of a few local thunderstorms in evening; cloud increasing tomorrow; warm today, becoming cooler. |
| 2 E. England ...                           |                                                                                                                                                                                             |
| 3 E. Midlands ...                          |                                                                                                                                                                                             |
| 4 W. Midlands ...                          |                                                                                                                                                                                             |
| 5 S.W. England                             | Light variable winds at first, freshening from southwest; fine to fair today; cloudy with some rain and possibly local thunder later; rather warm today, becoming cooler tomorrow.          |
| 6 South Wales ...                          |                                                                                                                                                                                             |
| 7 North Wales ...                          |                                                                                                                                                                                             |
| 8 N.W. England                             |                                                                                                                                                                                             |
| 9 N. Midlands ...                          | Winds S-S.W., becoming fresh at times near the coast; mainly cloudy, with rain spreading from the west; bright periods with some showers tomorrow; average temperature.                     |
| 10 N.E. England                            |                                                                                                                                                                                             |
| 11 S.E. Scotland                           |                                                                                                                                                                                             |
| 12 S.W. Scotland & Isle of Man.            |                                                                                                                                                                                             |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. | Freshening southerly wind; bright periods, local showers; dull; occasional rain later; average temperature.                                                                                 |
| 14 Mid Scotland                            |                                                                                                                                                                                             |
| 15 N.E. Scotland                           |                                                                                                                                                                                             |
| 16 Orkneys and Shetlands                   |                                                                                                                                                                                             |
| 17 N.W. Ireland                            | As 12-14.                                                                                                                                                                                   |
| 18 N.E. Ireland                            |                                                                                                                                                                                             |
| 19 S.E. Ireland                            |                                                                                                                                                                                             |
| 20 S.W. Ireland                            |                                                                                                                                                                                             |

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

**GENERAL INFERENCE.**

Pressure is high to S.W. of the British Isles and low to southwest of Iceland. A ridge of high pressure over South Scotland and West-England will give way in front of a trough moving east from westward of Ireland. Fine conditions will prevail over most of England and East Scotland today, but rain will spread to other districts and will affect England tomorrow.

**FURTHER OUTLOOK.**

Cooler conditions generally; unsettled in most districts, expect perhaps the Southeast

▲▲▲▲ Cold Front  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion.

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

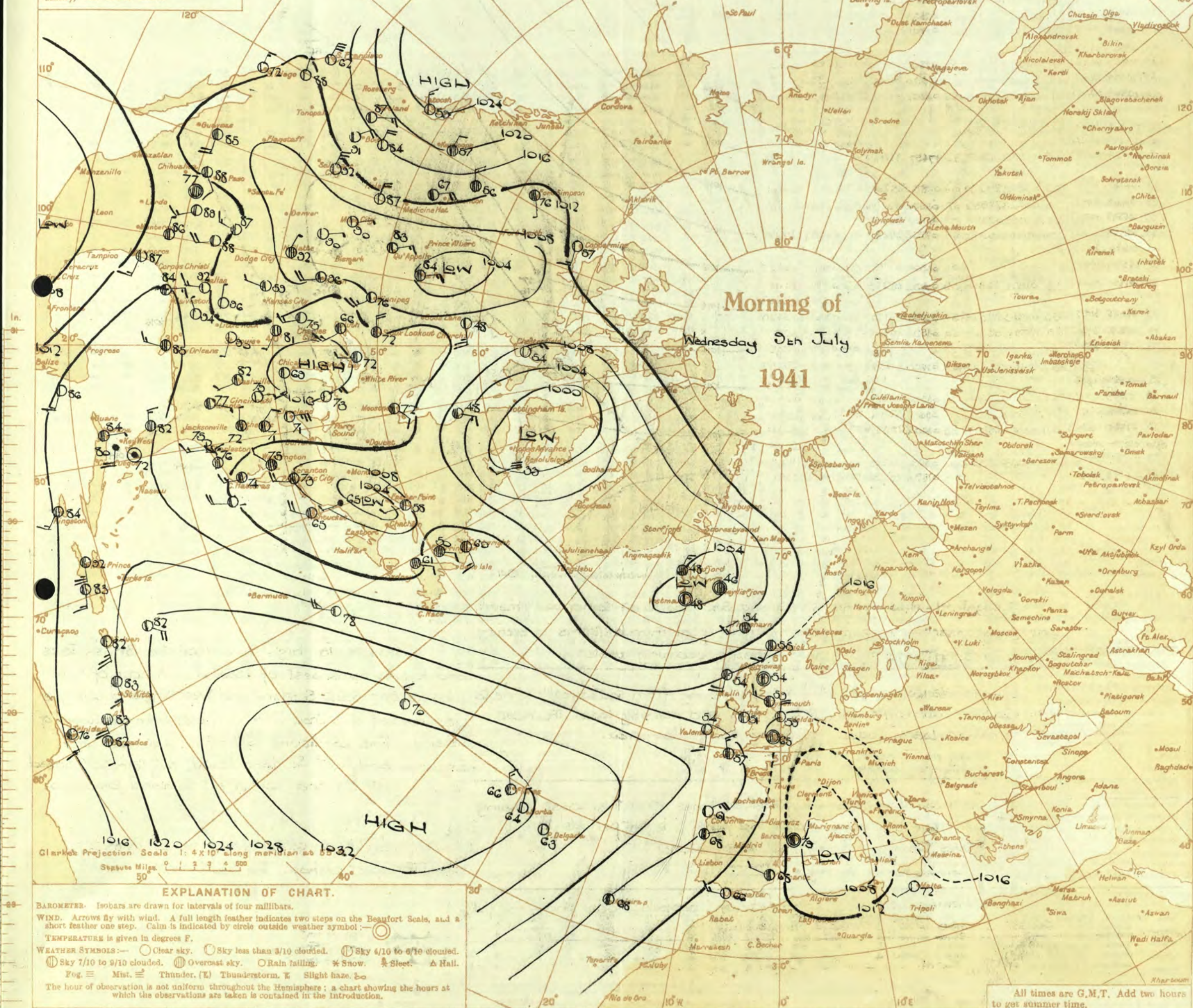
N. K. JOHNSON, D.Sc., A.R.C.S.,  
 Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 24th July, 1941

No. 27,084.

| OBSERVATIONS at 1 hr. G.M.T. 24th July |                             |                              |                      |                    |        |        |          |           |          |            |        |         |                 | OBSERVATIONS at 7 hr. G.M.T. 24th July |                      |                    |        |       |          |           |          |            |         |                 |                     |                       |                  | 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 Hrs. |
|                                        |                             |                              |                      |                    | Direc. | Force. |          |           |          |            | Form.  | Amount. | Height of Base. | Direc.                                 |                      |                    | Force. | Form. |          |           |          |            | Amount. | Height of Base. | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. |                  |                | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |           |      |                 |
|                                        |                             |                              |                      |                    |        |        |          |           |          |            |        |         |                 |                                        |                      |                    |        |       |          |           |          |            |         |                 |                     |                       |                  |                |                   |                |                  | Low.      | Med. |                 |
| 1                                      | London (Kew) ... 18         | 1015.5                       | 0                    | *                  | *      | *      | 65       | 87        | 6        | *          | *      | *       | 1015.5          | +4                                     | NW                   | 2                  | 20     | 65    | 83       | 6         | 5        | 4          | 1       | 1               | 2-3                 | 5700                  | 0                | 80             | 63                | 58             | -                | 1         | 10.6 |                 |
|                                        | Croydon ... 217             | 1015.5                       | 0                    | *                  | *      | *      | 65       | 87        | 6        | *          | *      | *       | 1014.9          | -2                                     | WNW                  | 1                  | 3      | 66    | 83       | 4         | 1        | 3          | 1       | 0               | 0                   | -                     | 0                | 81             | 64                | 63             | -                | Tr        | 12.2 |                 |
|                                        | S. Farnborough ... 226      | 1015.6                       | +2                   | NW                 | 1      | N      | 66       | 85        | 5        | -          | -      | -       | 1015.6          | +2                                     | NW                   | 2                  | 20     | 64    | 75       | 6         | 1        | 1          | 1       | 0               | 1                   | -                     | 0                | 80             | 61                | 58             | -                | Tr        | 11.6 |                 |
|                                        | Boscombe Down ... 417       | 1016.8                       | -2                   | NW                 | 4      | N      | 63       | 85        | 6        | -          | -      | -       | 1016.7          | +2                                     | NW                   | 3                  | 20     | 62    | 65       | 6         | 5        | 7          | 1       | 2-3             | 4000                | 0                     | 85               | 56             | 53                | -              | -                | 9.9       |      |                 |
|                                        | Thorney Island ... 10       | 1014.3                       | -2                   | NW                 | 2      | N      | 66       | 82        | 6        | -          | -      | -       | 1014.7          | -2                                     | NNE                  | 1                  | bc     | 71    | 75       | 7         | 1        | 7          | 6       | 0               | 400                 | -                     | 87               | 62             | 57                | -              | -                | 14.3      |      |                 |
|                                        | Lympe ... 346               | 1015.5                       | -4                   | ENE                | 3      | bc     | 71       | 65        | 8        | -          | -      | -       | 1014.5          | +4                                     | -                    | 0                  | 20     | 68    | 83       | 6         | 1        | 4          | 6       | 0               | 400                 | -                     | 86               | 61             | 59                | -              | -                | 14.3      |      |                 |
|                                        | Manston ... 154             | 1014.9                       | -6                   | SE                 | 1      | bc     | 66       | 75        | 7        | -          | -      | -       | 1014.7          | -12                                    | ENE                  | 1                  | bc     | 63    | 75       | 6         | 1        | 7          | 5       | 0               | 7-8                 | -                     | 80               | 62             | 49                | -              | -                | 13.3      |      |                 |
| 2                                      | Shoeburyness ... 11         | 1015.4                       | -4                   | NE                 | 2      | bc     | 62       | 85        | 6        | *          | *      | *       | 1014.5          | -2                                     | EVE                  | 3                  | 20     | 67    | 75       | 6         | 1        | 4          | 3       | 0               | 7-8                 | -                     | 79               | 60             | 58                | -              | -                | 13.0      |      |                 |
|                                        | Felixstowe ... 15           | 1016.8                       | -4                   | *                  | *      | bc     | 62       | 75        | 6        | -          | -      | -       | 1015.6          | -6                                     | NNE                  | 2                  | bc     | 65    | 75       | 6         | 1        | 4          | 3       | 0               | 2-3                 | -                     | 78               | 60             | 58                | -              | -                | *         |      |                 |
|                                        | Gorleston ... 5             | 1015.8                       | -2                   | NE                 | 2      | N      | 62       | 82        | 6        | -          | -      | -       | 1015.0          | 0                                      | NW                   | 2                  | 20     | 64    | 85       | 6         | 1        | 3          | 1       | 0               | 0                   | -                     | 87               | 58             | 54                | -              | 19               | 11.1      |      |                 |
|                                        | Mildenhall ... 19           | 1017.1                       | -4                   | NW                 | 2      | N      | 62       | 82        | 6        | 5          | 7      | -       | 1016.6          | 0                                      | NW                   | 2                  | 20     | 61    | 82       | 6         | 8        | 7          | 1       | 0               | 0                   | 2500                  | 1                | 81             | 60                | 60             | -                | 6         | 4.2  |                 |
|                                        | Cranwell ... 240            | 1017.1                       | -4                   | NW                 | 2      | N      | 62       | 82        | 6        | 5          | 7      | -       | 1016.6          | 0                                      | NW                   | 2                  | 20     | 61    | 82       | 6         | 8        | 7          | 1       | 0               | 0                   | 2500                  | 1                | 81             | 60                | 60             | -                | 6         | 4.2  |                 |
| 3                                      | Birmingham ... 535          | 1016.4                       | +2                   | N                  | 2      | N      | 61       | 75        | 6        | -          | *      | *       | 1016.3          | +2                                     | NW                   | 2                  | 20     | 62    | 65       | 6         | 5        | 7          | 3       | 2-3             | 7-8                 | 5000                  | 0                | 86             | 59                | 57             | -                | -         | 6.4  |                 |
|                                        | Upper Heyford ... 408       | 1016.4                       | +2                   | N                  | 2      | N      | 61       | 75        | 6        | -          | *      | *       | 1017.7          | +4                                     | NW                   | 3                  | 20     | 60    | 65       | 8         | 5        | 7          | 3       | 2-3             | 7-8                 | 4000                  | 0                | 77             | 59                | 56             | -                | -         | 6.4  |                 |
| 4                                      | Ross-on-Wye ... 223         | 1016.4                       | +2                   | N                  | 2      | N      | 61       | 75        | 6        | -          | *      | *       | 1017.7          | +4                                     | NW                   | 3                  | 20     | 60    | 65       | 8         | 5        | 7          | 3       | 2-3             | 7-8                 | 4000                  | 0                | 77             | 59                | 56             | -                | -         | 6.4  |                 |
| 5                                      | Hartland Point ... 209      | 1019.0                       | -2                   | NW                 | 3      | bc     | 57       | 82        | 8        | -          | 4      | 2       | 1018.8          | +4                                     | NW                   | 3                  | bc     | 59    | 82       | 8         | 1        | 4          | 1       | Tr              | 2-3                 | 2500                  | 0                | 63             | 56                | 53             | -                | -         | 7.1  |                 |
|                                        | Bristol ... 209             | 1018.0                       | -2                   | NNE                | 3      | bc     | 62       | 65        | 7        | 5          | -      | -       | 1017.8          | +4                                     | NW                   | 3                  | bc     | 62    | 55       | 8         | 5        | -          | -       | 0               | 0                   | 3000                  | 0                | 79             | 59                | 52             | -                | -         | 10.0 |                 |
|                                        | Portland Bill ... 32        | 1017.3                       | -6                   | NE                 | 2      | bc     | 61       | 85        | 7        | 5          | -      | -       | 1016.4          | +8                                     | N                    | 3                  | bc     | 60    | 82       | 7         | 5        | -          | -       | 10              | 10                  | 2500                  | 0                | 70             | 56                | 51             | -                | -         | 12.1 |                 |
|                                        | Plymouth ... 82             | 1015.2                       | +2                   | ENE                | 1      | bc     | 58       | 75        | 8        | -          | 3      | -       | 1015.1          | +2                                     | NW                   | 3                  | bc     | 59    | 85       | 8         | 1        | -          | 2       | 0               | 2-3                 | -                     | 0                | 76             | 55                | 51             | -                | -         | 11.1 |                 |
|                                        | The Lizard ... 240          | 1020.5                       | +10                  | NW                 | 3      | bc     | 57       | 85        | 8        | 8          | 4      | 3       | 1020.9          | +12                                    | NW                   | 3                  | bc     | 59    | 82       | 8         | 8        | 6          | -       | 400             | 400                 | 2500                  | 0                | 71             | 51                | 51             | -                | -         | 11.1 |                 |
|                                        | Scilly (St. Mary's) ... 163 | 1020.9                       | -2                   | NW                 | 3      | bc     | 57       | 85        | 8        | 8          | 4      | 3       | 1020.2          | +4                                     | NW                   | 3                  | bc     | 59    | 85       | 8         | 8        | 4          | 3       | 2-3             | 400                 | 1800                  | 0                | 68             | 55                | 51             | -                | -         | 9.9  |                 |
|                                        | Guernsey ... 175            | 1020.9                       | -2                   | NW                 | 3      | bc     | 57       | 85        | 8        | 8          | 4      | 3       | 1020.2          | +4                                     | NW                   | 3                  | bc     | 59    | 85       | 8         | 8        | 4          | 3       | 2-3             | 400                 | 1800                  | 0                | 68             | 55                | 51             | -                | -         | 9.9  |                 |
| 6                                      | Pembroke ... 142            | 1019.6                       | -4                   | NW                 | 3      | bc     | 57       | 82        | 8        | 5          | 3      | -       | 1019.1          | +4                                     | ENE                  | 1                  | bc     | 61    | 85       | 7         | 7        | -          | -       | 2-3             | 2-3                 | 4000                  | 0                | 66             | 54                | 51             | -                | -         | 8.7  |                 |
| 7                                      | Holyhead (valley) ... 226   | 1019.2                       | -2                   | NW                 | 2      | bc     | 51       | 97        | 8        | -          | 3      | -       | 1018.2          | -2                                     | -                    | 0                  | bc     | 57    | 85       | 8         | 5        | 4          | -       | 1               | 2-3                 | 600                   | 0                | 67             | 47                | 40             | -                | -         | *    |                 |
|                                        | Chester (Sealand) ... 16    | 1019.1                       | +2                   | NW                 | 1      | bc     | 56       | 85        | 8        | 5          | 3      | -       | 1018.1          | -2                                     | NW                   | 3                  | bc     | 60    | 65       | 8         | 5        | 7          | -       | 2-3             | 400                 | 5000                  | 0                | 53             | 53                | 50             | -                | -         | 0.4  |                 |
| 8                                      | Manchester ... 70           | 1018.8                       | -2                   | NW                 | 2      | bc     | 57       | 75        | 8        | 5          | -      | -       | 1018.3          | +2                                     | -                    | 0                  | 20     | 59    | 85       | 5         | 7        | -          | -       | 400             | 7-8                 | 4000                  | 0                | 71             | 54                | 52             | -                | -         | 0.3  |                 |
| 10                                     | Spurn Head ... 29           | 1017.8                       | -2                   | N                  | 3      | bc     | 59       | 82        | 6        | 8          | 7      | -       | 1016.9          | +2                                     | N/E                  | 3                  | Hc     | 59    | 87       | 6         | 3        | -          | -       | 0               | 0                   | 2500                  | 1                | 70             | 59                | 54             | -                | -         | 7.3  |                 |
|                                        | Catterick ... 175           | 1018.3                       | 0                    | NW                 | 2      | bc     | 60       | 65        | 7        | 5          | 2      | -       | 1018.3          | +6                                     | SW                   | 1                  | bc     | 60    | 65       | 7         | 5        | 2          | -       | 0               | 10                  | 2500                  | 0                | 73             | 55                | 49             | -                | Tr        | 2.0  |                 |
|                                        | Tynemouth ... 108           | 1018.3                       | -6                   | NW                 | 3      | bc     | 59       | 75        | 7        | 8          | -      | -       | 1018.1          | +4                                     | NW                   | 3                  | bc     | 58    | 85       | 7         | 5        | -          | -       | 0               | 0                   | 3000                  | 0                | 71             | 54                | 52             | -                | -         | *    |                 |
| 11                                     | St. Abbs Head ... 280       | 1018.6                       | 0                    | WNW                | 1      | bc     | 59       | 75        | 8        | 4          | 4      | -       | 1018.9          | +8                                     | W                    | 2                  | bc     | 58    | 85       | 8         | 4        | 5          | 1       | 2-3             | 2500                | 0                     | 64               | 53             | 44                | -              | -                | 14.5      |      |                 |
|                                        | Leuchars ... 36             | 1018.1                       | -2                   | NW                 | 2      | bc     | 56       | 85        | 8        | 5          | 3      | -       | 1018.0          | -2                                     | WSW                  | 1                  | bc     | 57    | 85       | 7         | 1        | 3          | 5       | 0               | 2-3                 | -                     | 0                | 72             | 50                | 44             | -                | -         | 10.7 |                 |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1018.7                       | -2                   | -                  | 0      | fg     | 54       | 82        | 8        | 2          | 3      | -       | 1018.2          | -2                                     | -                    | 0                  | 20     | 58    | 75       | 6         | -        | 3          | 6       | 0               | 7-8                 | -                     | 1                | 68             | 47                | 39             | -                | -         | 10.7 |                 |
|                                        | Eskdalemuir ... 794         | 1018.7                       | -2                   | -                  | 0      | fg     | 54       | 82        | 8        | 2          | 3      | -       | 1018.3          | 0                                      | -                    | 0                  | bc     | 54    | 85       | 8         | -        | 4          | 1       | 0               | 1                   | -                     | 1                | 67             | 42                | 35             | -                | -         | 10.3 |                 |
|                                        | Point of Ayre ... 30        | 1019.1                       | 0                    | W/S                | 3      | bc     | 53       | 82        | 8        | -          | 3      | -       | 1018.3          | -2                                     | NW                   | 1                  | bc     | 59    | 85       | 8         | -        | 4          | -       | 0               | 2-3                 | -                     | 0                | 68             | 48                | 43             | -                | -         | 12.0 |                 |
| 13A                                    | Tiree ... 22                | 1017.8                       | 0                    | S                  | 1      | bc     | 50       | 82        | 8        | 2          | -      | -       | 1015.7          | -4                                     | SE                   | 3                  | bc     | 55    | 85       | 7         | 5        | -          | -       | 7-8             | 7-8                 | 2200                  | 0                | 61             | 48                | 43             | -                | -         | 15.3 |                 |
| 13B                                    | Stornoway ... 80            | 1015.7                       | -10                  | S                  | 4      | bc     | 54       | 87        | 7        | 5          | 7      | -       | 1016.1          | 0                                      | S                    | 4                  | bc     | 55    | 82       | 8         | 5        | 7          | -       | 7-8             | 0                   | 2500                  | 1                | 61             | 53                | 48             | -                | -         | 4.5  |                 |
| 15                                     | Dalwhinnie ... 1176         | 1017.4                       | +8                   | S                  | 1      | bc     | 54       | 75        | 8        | 4          | 3      | -       | 1017.4          | +8                                     | S                    | 1                  | bc     | 54    | 75       | 8         | 4        | 3          | 8       | 2-3             | 0                   | 4000                  | 0                | 65             | 40                | 30             | -                | -         | 11.7 |                 |
|                                        | Aberdeen ... 79             | 1017.3                       | 0                    | -                  | 0      | bc     | 58       | 75        | 7        | -          | -      | -       | 1017.3          | 0                                      | -                    | 0                  | bc     | 58    | 75       | 7         | -        | -          | 1       | 0               | Tr                  | -                     | 0                | 73             | 50                | 43             | -                | -         | 12.4 |                 |
|                                        | Wick ... 115                | 1017.2                       | +2                   | W                  | 3      | bc     | 51       | 85        | 8        | 5          | 4      | -       | 1016.8          | 0                                      | SW                   | 2                  | bc     | 59    | 75       | 9         | 5        | -          | 2       | Tr              | 7-8                 | 4000                  | *                | 73             | 50                | 43             | -                | -         | 12.4 |                 |
| 16                                     | Lerwick ... 115             | 1017.2                       | -2                   | -                  | 0      | bc     | 53       | 85        | 8        | 8          | 3      | -       | 1016.7          | -4                                     | E                    | 1                  | bc     | 56    | 85       | 8         | 1        | -          | 4       | 1               | 2-3                 | 3000                  | *                | 60             | 50                | 43             | -                | -         | 12.4 |                 |
| 17                                     | Blackod Point ... 18        | 1017.5                       | -12                  | S                  | 3      | bc     | 57       | 85        | 7        | 3          | 6      | 7       | 1014.0          | -16                                    | S                    | 5                  | bc     | 57    | 85       | 8         | 6        | -          | -       | 0               | 0                   | 1500                  | 1                | 63             | 54                | 41             | -                | Tr        | 14.5 |                 |
| 18                                     | Malin Head ... 84           | 1018.3                       | -2                   | S                  | 1      | bc     | 50       | 85        | 8        | -          | 3      | 1       | 1016.4          | -12                                    | S                    | 3                  | bc     | 59    | 85       | 7         | 5        | -          | 2       | 400             | 7-8                 | 5700                  | 0                | 62             | 47                | 41             | -                | -         | 11.1 |                 |
|                                        | Aldergrove ... 268          | 1019.2                       | -2                   | -                  | 0      | bc     | 53       | 75        | 8        | 1          | 4      | -       | 1018.3          | -6                                     | S                    | 1                  | bc     | 55    | 85       | 6         | 1        | 4          | 0       | Tr              | 2-3                 | 3500                  | 1                | 63             | 45                | 41             | -                | -         | 11.1 |                 |
| 19                                     | Birr Castle ... 173         | 1020.3                       | +2                   | NW                 | 1      | bc     | 47       | 87        | 8        | 5          | -      | -       | 1018.3          | -10                                    | S                    | 1                  | bc     | 55    | 85       | 8         | -        | -          | -       | 0               | 0                   | -                     | 0                | 68             | 44                | 39             | -                | -         | 11.  |                 |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**

BRITISH SECTION  
Thursday 10 July, 1941  
No. 29,085.

| OBSERVATIONS at 13h. G.M.T. 9th July |                                      |                               |                              |                  |              |                 |                     |                 |                      |                              |                 |               |              |                                | OBSERVATIONS at 18h. G.M.T. 9th July |                    |                 |                  |                      |                  |                       |                               |                          |                          |                         |                             |              |                                 |                       | PAST 24 HOURS.      |                       |         |         |         |
|--------------------------------------|--------------------------------------|-------------------------------|------------------------------|------------------|--------------|-----------------|---------------------|-----------------|----------------------|------------------------------|-----------------|---------------|--------------|--------------------------------|--------------------------------------|--------------------|-----------------|------------------|----------------------|------------------|-----------------------|-------------------------------|--------------------------|--------------------------|-------------------------|-----------------------------|--------------|---------------------------------|-----------------------|---------------------|-----------------------|---------|---------|---------|
| District.                            | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.<br>(3) (4) |              | Weather.<br>(5) | Temp.<br>°F.<br>(6) | ° Humid.<br>(7) | ° Visibility.<br>(8) | Cloud.<br>(9) (10) (11) (12) |                 |               |              | Barom.<br>at<br>M.S.L.<br>(15) | Change in<br>8 hours.<br>(16)        | Wind.<br>(17) (18) |                 | Weather.<br>(19) | Temp.<br>°F.<br>(20) | ° Humid.<br>(21) | ° Visibility.<br>(22) | Cloud.<br>(23) (24) (25) (26) |                          |                          |                         | State of<br>Ground.<br>(29) | Sea.<br>(30) | WEATHER.<br>(37) (38) (39) (40) |                       |                     |                       |         |         |         |
|                                      |                                      |                               |                              | Form.<br>(9)     | Med.<br>(10) |                 |                     |                 |                      | High<br>(11)                 | Amount.<br>(12) | Form.<br>(23) | Med.<br>(24) |                                |                                      | High<br>(25)       | Amount.<br>(26) |                  |                      |                  |                       | 7h.—13h.<br>9th<br>(37)       | 13h.—18h.<br>9th<br>(38) | 18h.—9th<br>10th<br>(39) | 1h.—7h.<br>10th<br>(40) |                             |              |                                 |                       |                     |                       |         |         |         |
|                                      |                                      |                               |                              |                  |              |                 |                     |                 |                      |                              |                 |               |              |                                |                                      |                    |                 |                  |                      |                  |                       |                               |                          |                          |                         |                             |              | Low<br>0-10<br>(13)             | Total<br>0-10<br>(14) | Low<br>0-10<br>(23) | Total<br>0-10<br>(26) |         |         |         |
| 1                                    | London (Kew)...                      | 1014.9                        | -2                           | NNW              | 2            | Zo              | 78                  | 55              | 6                    | -                            | -               | 2-3           | 2-3          | 1014.1                         | -6                                   | NNW                | 3               | Zo               | 80                   | 55               | 6                     | -                             | -                        | 7-8                      | 7-8                     | 2500                        | 0            | *                               | bcmzobz               | bcmzoy              | bcmz                  | cyzo    |         |         |
|                                      | Croydon ...                          | 1014.7                        | -2                           | NW               | 3            | b               | 82                  | 55              | 6                    | -                            | -               | Tr            | Tr           | 1014.2                         | -2                                   | NW                 | 2               | C                | 81                   | 55               | 6                     | -                             | -                        | 4                        | Tr                      | 7-8                         | 4500         | 0                               | *                     | cmmbmbz             | bz.bcz                | czomo   | bcmo    |         |
|                                      | S. Farnborough                       | 1015.0                        | -6                           | WNW              | 3            | Zo              | 80                  | 45              | 6                    | -                            | -               | Tr            | Tr           | 1014.4                         | *                                    | NNW                | 3               | Zo               | 80                   | 45               | 6                     | -                             | -                        | 6                        | O                       | 2-3                         | -            | 0                               | *                     | bcbzoy              | b                     | bczomo  | bcmobmo |         |
|                                      | Boscombe Down                        | 1016.5                        | -4                           | NNW              | 4            | Zo              | 76                  | 55              | 6                    | -                            | -               | O             | O            | 1015.8                         | -2                                   | NNW                | 3               | bc               | 77                   | 45               | 7                     | -                             | -                        | 5                        | O                       | 2-3                         | -            | 0                               | *                     | bcbzoy              | bey                   | bey     | bmo     |         |
|                                      | Thorney Island                       | 1015.3                        | -2                           | NW               | 2            | Zo              | 82                  | 55              | 6                    | -                            | -               | O             | Tr           | 1014.5                         | -2                                   | NNW                | 3               | Zo               | 79                   | 55               | 6                     | -                             | -                        | 2                        | O                       | 4-6                         | -            | 0                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | cbmo    |         |
|                                      | Lympne                               | 1014.8                        | +2                           | SE               | 2            | O               | 81                  | 65              | 6                    | -                            | -               | Tr            | Tr           | 1014.3                         | -4                                   | NE                 | 1               | bc               | 75                   | 75               | 7                     | -                             | -                        | 2                        | O                       | 4-6                         | -            | 0                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | bcmzobz |         |
|                                      | Manston                              | 1014.3                        | -4                           | WNW              | 1            | Zo              | 80                  | 55              | 6                    | -                            | -               | O             | O            | 1014.0                         | -4                                   | -                  | 0               | Zo               | 77                   | 65               | 6                     | -                             | -                        | 8                        | O                       | 4-6                         | -            | 0                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | bcmzobz |         |
| 2                                    | Shoeburyness ...                     | 1014.2                        | -10                          | WNW              | 2            | b               | 81                  | 55              | 6                    | -                            | -               | O             | O            | 1014.0                         | -2                                   | NNW                | 2               | C                | 81                   | 55               | 7                     | -                             | -                        | 6                        | O                       | 7-8                         | -            | 0                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | bcmzobz |         |
|                                      | Felixstowe ...                       | 1014.2                        | -10                          | SSE              | 2            | Zo              | 71                  | 75              | 6                    | -                            | -               | O             | O            | 1013.7                         | -2                                   | ENE                | 2               | Zo               | 68                   | 75               | 6                     | -                             | -                        | 6                        | O                       | 4-6                         | -            | 0                               | 1                     | *                   | bcmzobz               | bcmzobz | bcmzobz | bcmzobz |
|                                      | Gorleston ...                        | 1015.2                        | -4                           | NNW              | 3            | b               | 65                  | 85              | 6                    | -                            | -               | O             | O            | 1014.8                         | -4                                   | NNE                | 2               | Zo               | 66                   | 75               | 6                     | -                             | -                        | 4                        | O                       | 4-6                         | -            | 0                               | 1                     | *                   | bcmzobz               | bcmzobz | bcmzobz | bcmzobz |
|                                      | Mildenhall ...                       | 1014.8                        | +6                           | NW               | 3            | Zo              | 74                  | 65              | 6                    | -                            | -               | 2             | 1            | 1014.5                         | 0                                    | NNW                | 3               | bc               | 73                   | 65               | 7                     | -                             | -                        | 4                        | O                       | 4-6                         | -            | 0                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | bcmzobz |         |
|                                      | Cranwell ...                         | 1015.9                        | -2                           | NW               | 4            | C               | 71                  | 75              | 7                    | -                            | -               | 7-8           | 7-8          | 1015.5                         | -2                                   | NE                 | 3               | b                | 71                   | 75               | 7                     | -                             | -                        | 0                        | O                       | -                           | -            | 1                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | bcmzobz |         |
| 3                                    | Birmingham                           | 1016.0                        | -4                           | NNW              | 2            | Zo              | 72                  | 45              | 6                    | -                            | -               | 9+            | 9+           | 1015.2                         | -2                                   | NNW                | 3               | b                | 75                   | 35               | 8                     | -                             | -                        | O                        | O                       | -                           | -            | 0                               | *                     | bcmzobz             | bcmzobz               | bcmzobz | bcmzobz |         |
|                                      | Upper Heyford                        | 1015.1                        | -4                           | NNW              | 2            | Zo              | 76                  | 55              | 6                    | -                            | -               | 9             | 9            | 1014.6                         | -6                                   | NNW                | 2               | Zo               | 77                   | 55               | 6                     | -                             | -                        | Tr                       | Tr                      | 5000                        | 0            | *                               | bcmzobz               | bcmzobz             | bcmzobz               | bcmzobz |         |         |
| 4                                    | Ross-on-Wye ...                      | 1016.5                        | -10                          | NW               | 3            | b               | 74                  | 55              | 8                    | -                            | -               | 1             | 1            | 1015.5                         | -6                                   | NW                 | 3               | b                | 77                   | 45               | 8                     | -                             | -                        | Tr                       | Tr                      | 4000                        | 0            | *                               | bcmzobz               | bcmzobz             | bcmzobz               | bcmzobz |         |         |
| 5                                    | Hartland Point                       | 1019.0                        | +2                           | WNW              | 3            | bc              | 62                  | 85              | 8                    | -                            | -               | 3             | 1            | 1018.4                         | -2                                   | WNW                | 2               | bc               | 61                   | 85               | 9                     | -                             | -                        | 4                        | Tr                      | 2-3                         | 2500         | 0                               | 3                     | bcb                 | bcb                   | bcb     | bcb     |         |
|                                      | Bristol ...                          | 1017.0                        | -8                           | WNW              | 3            | b               | 75                  | 55              | 7                    | -                            | -               | Tr            | Tr           | 1016.8                         | -2                                   | W                  | 4               | b                | 70                   | 65               | 8                     | -                             | -                        | 1                        | O                       | Tr                          | -            | 0                               | *                     | bcb                 | bcb                   | bcb     | bcb     |         |
|                                      | Portland Bill ...                    | 1016.8                        | -6                           | NW               | 3            | C               | 65                  | 85              | 7                    | -                            | -               | 7-8           | 7-8          | 1016.0                         | -2                                   | W                  | 3               | c                | 63                   | 85               | 8                     | -                             | -                        | 4                        | O                       | 7-8                         | 2500         | 0                               | 2                     | C                   | C                     | C       | C       |         |
|                                      | Plymouth ...                         | 1018.8                        | -2                           | NNW              | 4            | bc              | 71                  | 55              | 8                    | -                            | -               | 1             | 2-3          | 1018.5                         | -2                                   | NNW                | 4               | bc               | 67                   | 65               | 8                     | -                             | -                        | 6                        | Tr                      | 4-6                         | 3500         | 0                               | 3                     | bcb                 | bcb                   | bcb     | bcb     |         |
|                                      | The Lizard ...                       | 1019.7                        | 0                            | NW               | 4            | bc              | 66                  | 75              | 8                    | -                            | -               | 2-3           | 2-3          | 1018.8                         | -6                                   | NW                 | 3               | bc               | 63                   | 65               | 8                     | -                             | -                        | 4-6                      | 4-6                     | 4000                        | 0            | 2                               | bcb                   | bcb                 | bcb                   | bcb     |         |         |
|                                      | Scilly (St. Mary's)                  | 1020.2                        | +4                           | NNW              | 3            | b               | 68                  | 65              | 8                    | -                            | -               | Tr            | Tr           | 1019.5                         | -8                                   | NNW                | 2               | bc               | 65                   | 65               | 8                     | -                             | -                        | 2                        | Tr                      | 2-3                         | 2200         | 0                               | 2                     | bcb                 | bcb                   | bcb     | bcb     |         |
|                                      | Guernsey ...                         | 1019.2                        | -6                           | WNW              | 4            | bc              | 61                  | 75              | 8                    | -                            | -               | 2-3           | 4-6          | 1019.0                         | -2                                   | WN                 | 3               | bc               | 61                   | 85               | 8                     | -                             | -                        | 2-3                      | 2-3                     | 4000                        | 0            | 3                               | bcb                   | bcb                 | bcb                   | bcb     |         |         |
| 6                                    | Pembroke ...                         | 1028.1                        | -2                           | WSW              | 3            | bc              | 66                  | 65              | 9                    | -                            | -               | 1             | 2-3          | 1017.2                         | -6                                   | SSW                | 3               | b                | 62                   | 75               | 9                     | -                             | -                        | 5                        | Tr                      | 1                           | 4000         | *                               | *                     | bcb                 | bcb                   | bcb     | bcb     |         |
| 7                                    | Holyhead (Valley)                    | 1017.5                        | -2                           | NW               | 3            | bc              | 79                  | 45              | 8                    | -                            | -               | 1             | 2-3          | 1017.0                         | 0                                    | NNW                | 1               | b                | 69                   | 55               | 8                     | -                             | -                        | 4                        | Tr                      | 1                           | 3000         | 0                               | *                     | bcb                 | bcb                   | bcb     | bcb     |         |
| 8                                    | Manchester ...                       | 1017.0                        | -6                           | WNW              | 3            | b               | 74                  | 45              | 8                    | -                            | -               | O             | O            | 1016.7                         | 0                                    | NNW                | 3               | b                | 71                   | 45               | 8                     | -                             | -                        | O                        | 1                       | -                           | 0            | 0                               | *                     | bcb                 | bcb                   | bcb     | bcb     |         |
| 10                                   | Spurn Head ...                       | 1016.8                        | -8                           | NE/E             | 1            | bc              | 70                  | 65              | 5                    | -                            | -               | Tr            | 4-6          | 1015.9                         | -2                                   | NE/N               | 3               | Zo               | 62                   | 85               | 6                     | -                             | -                        | O                        | 1                       | -                           | 0            | 1                               | 0                     | 1                   | cm                    | cm      | cm      | cm      |
|                                      | Catterick ...                        | 1016.8                        | -8                           | NE/E             | 1            | bc              | 70                  | 65              | 5                    | -                            | -               | Tr            | 4-6          | 1015.6                         | -2                                   | NE/N               | 2               | bc               | 69                   | 75               | 6                     | -                             | -                        | 4-6                      | 4-6                     | 3000                        | 0            | 2                               | cm                    | cm                  | cm                    | cm      |         |         |
|                                      | Tynemouth ...                        | 1018.0                        | -2                           | N                | 1            | C               | 60                  | 85              | 6                    | -                            | -               | 4-6           | 10           | 1017.4                         | -8                                   | SSE                | 2               | Cf               | 59                   | 97               | 2                     | -                             | -                        | 10                       | 10                      | 1200                        | 0            | 2                               | cm                    | cm                  | cm                    | cm      |         |         |
| 11                                   | St. Abbs Head                        | 1016.9                        | -14                          | E                | 2            | bc              | 65                  | 65              | 8                    | -                            | -               | 2-3           | 4-6          | 1015.4                         | -4                                   | S                  | 4               | F                | 69                   | 92               | 2                     | -                             | -                        | 10                       | 10                      | 1150                        | 0            | 2                               | bc                    | bc                  | bc                    | bc      |         |         |
|                                      | Leuchars ...                         | 1016.7                        | -8                           | ESE              | 4            | C               | 68                  | 55              | 8                    | -                            | -               | 6             | 1            | 1014.8                         | -8                                   | SSE                | 4               | C                | 65                   | 75               | 8                     | -                             | -                        | 7                        | 1                       | 7-8                         | 3500         | 0                               | *                     | bcbey               | bcbey                 | bcbey   | bcbey   |         |
| 12                                   | Reafrew (Abbots L.)                  | 1016.6                        | -6                           | SW               | 3            | bc              | 69                  | 55              | 9                    | -                            | -               | 2             | 1            | 1015.5                         | -6                                   | WSW                | 3               | C                | 64                   | 65               | 9                     | -                             | -                        | 6                        | 7-8                     | 7-8                         | 4500         | 0                               | *                     | bcmobz              | bcmobz                | bcmobz  | bcmobz  |         |
|                                      | Eekdalemuir ...                      | 1016.4                        | -6                           | SW               | 3            | bc              | 66                  | 55              | 8                    | -                            | -               | 4-6           | 4-6          | 1015.8                         | 0                                    | SWW                | 4               | bc               | 65                   | 55               | 8                     | -                             | -                        | 2                        | Tr                      | 4-6                         | 4000         | 1                               | 0                     | bcbey               | bcbey                 | bcbey   | bcbey   |         |
|                                      | Point of Ayre ...                    | 1018.0                        | -2                           | NNW              | 2            | b               | 67                  | 65              | 8                    | -                            | -               | Tr            | 1            | 1016.6                         | -4                                   | SSE                | 1               | bc               | 65                   | 65               | 8                     | -                             | -                        | 4                        | 2                       | O                           | 4-6          | -                               | 0                     | 1                   | b                     | b       | b       | b       |
| 13A                                  | Tiree ...                            | 1013.2                        | -12                          | SSE              | 4            | C               | 58                  | 85              | 8                    | -                            | -               | 9+            | 9+           | 1012.5                         | 0                                    | SW                 | 4               | C                | 60                   | 85               | 8                     | -                             | -                        | 4-6                      | 7-8                     | 2500                        | 0            | 4                               | C                     | C                   | C                     | C       |         |         |
| 13B                                  | Stornoway ...                        | 1014.5                        | -12                          | SE               | 3            | C               | 56                  | 92              | 8                    | -                            | -               | 7-8           | 9+           | 1011.6                         | -16                                  | SSE                | 6               | C                | 54                   | 97               | 7                     | -                             | -                        | 9                        | 10                      | 1500                        | 1            | 4                               | C                     | C                   | C                     | C       |         |         |
| 15                                   | Dalwhinnie ...                       | 1015.8                        | -6                           | SSW              | 4            | C               | 66                  | 45              | 8                    | -                            | -               | 2-3           | 7-8          | 1014.7                         | -4                                   | SW                 | 3               | O                | 62                   | 45               | 8                     | -                             | -                        | 10                       | 10                      | 1500                        | 0            | *                               | C                     | C                   | C                     | C       |         |         |
|                                      | Aberdeen ...                         | 1017.2                        | -6                           | SE/S             | 4            | b               | 63                  | 55              | 7                    | -                            | -               | 1             | 1            | 1015.3                         | -10                                  | SE                 | 3               | C                | 61                   | 65               | 7                     | -                             | -                        | 6                        | O                       | 7-8                         | -            | 0                               | 2                     | b                   | b                     | b       | b       |         |
|                                      | Wick ...                             | 1016.2                        | -6                           | SE/S             | 3            | bc              | 60                  | 85              | 9                    | -                            | -               | 4             | 1            | 1013.0                         | -26                                  | SSE                | 4               | C                | 59                   | 85               | 7                     | -                             | -                        | 2-3                      | 9                       | 5700                        | 0            | *                               | bcb                   | bcb                 | bcb                   | bcb     |         |         |
| 16                                   | Lerwick Sumburgh                     | 1017.5                        | 0                            | SW               | 2            | bc              | 59                  | 75              | 8                    | -                            | -               | 8             | Tr           | 1016.0                         | -10                                  | SE                 | 3               | C                | 57                   | 75               | 8                     | -                             | -                        | 2                        | O                       | 9+                          | -            | *                               | C                     | C                   | C                     | C       |         |         |
| 17                                   | Blackod Point...                     | 1014.3                        | +6                           | SW               | 5            | C               | 61                  | 85              | 8                    | -                            | -               | 10            | 10           | 1013.8                         | -4                                   | SW                 | 3               | C                | 60                   | 85               | 8                     | -                             | -                        | 4-6                      | 9                       | 1500                        | 0            | 4                               | C                     | C                   | C                     | C       |         |         |
| 18                                   | Malin Head ...                       | 1014.4                        | -10                          | S                | 5            | C               | 62                  | 65              | 8                    | -                            | -               | 7-8           | 7-8          | 1013.8                         | -2                                   | W                  | 3               | C                | 62                   | 75               | 8                     | -                             | -                        | 4                        | 2-3                     | 7-8                         | 5700         | 0                               | 3                     | C                   | C                     | C       | C       |         |
|                                      | Aldergrove ...                       | 1016.5                        | -8                           | SSW              | 3            | C               | 66                  | 55              | 9                    | -                            | -               | 6             | 7-8          | 1015.4                         | -6                                   | S                  | 2               | C                | 65                   | 75               | 9                     | -                             | -                        | 9+                       | 9+                      | 3500                        | 0            | *                               | bcmobz                | bcmobz              | bcmobz                | bcmobz  |         |         |
| 19                                   | Birr Castle ...                      | 1016.9                        | -6                           | S                | 2            | C               | 67                  | 75              | 8                    | -                            | -               | 7-8           | 9+           | 1015.7                         | -6                                   | WSW                | 2               | C                | 68                   | 65               | 8                     | -                             | -                        | 5                        | 4-6                     | 9                           | 2500         | 0                               | 3                     | C                   | C                     | C       | C       |         |
| 20                                   | Valentia Obay.†                      | 1017.8                        | +2                           | SW               | 4            | C               | 64                  | 85              | 8                    | -                            | -               | 4-6           | 9            | 1016.7                         | -10                                  | WSW                | 3               | C                | 61                   | 85               | 8                     | -                             | -                        | 9+                       | 9+                      | 4000                        | 1            | 3                               | C                     | C                   | C                     | C       |         |         |
|                                      | Roches Point ...                     | 1018.5                        | -6                           | S                | 2            | C               | 60                  | 85              | 8                    | -                            | -               | 9+            | 9+           | 1016.6                         | -14                                  | SSW                | 3               | bc               | 63                   | 85               | 8                     | -                             | -                        | 5                        | 2-3                     | 4-6                         | 2500         | 0                               | 4                     | C                   | C                     | C       | C       |         |

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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



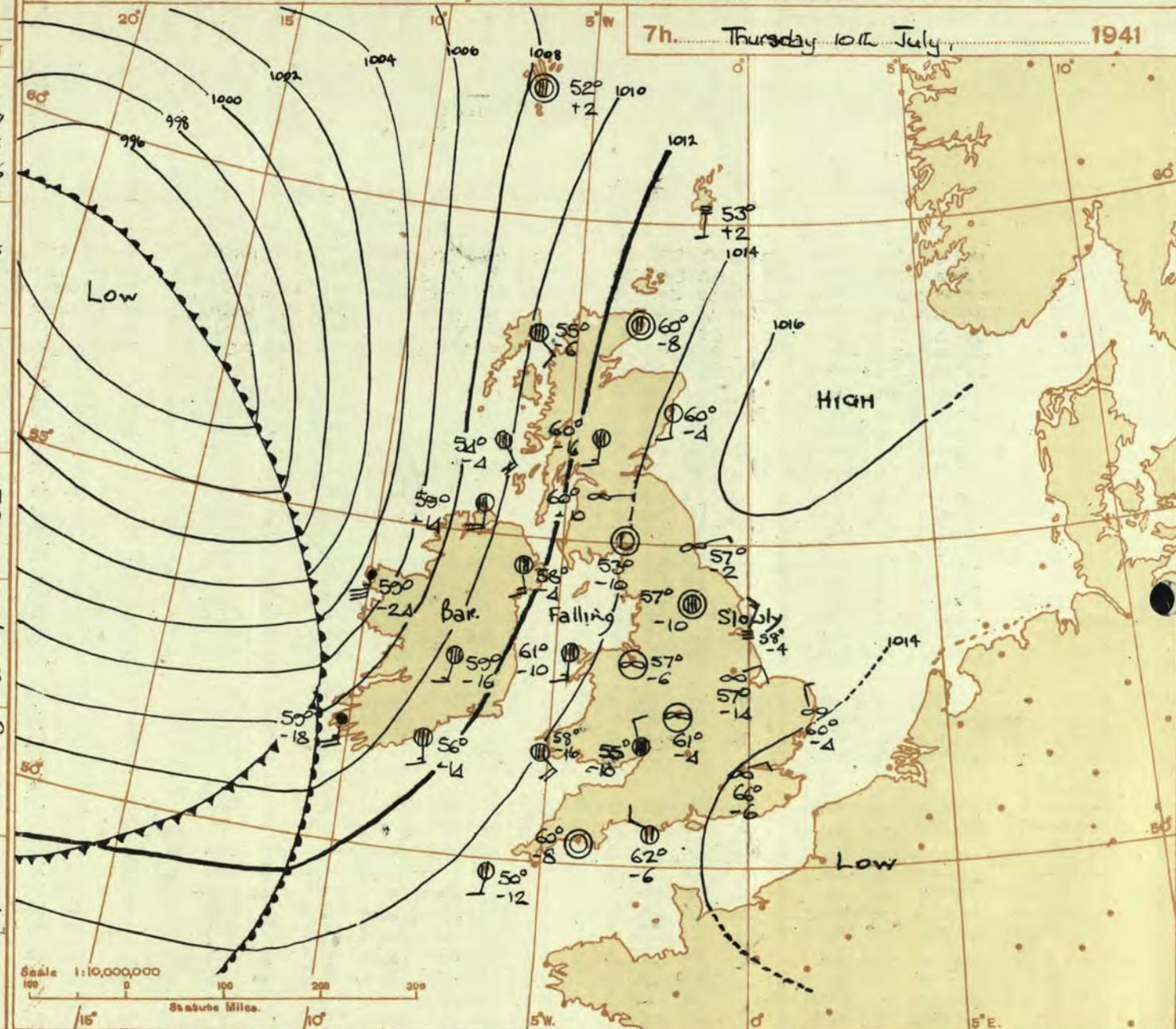
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

| 13h. G.M.T. 9th July |    |       |       | 18h. G.M.T. |       |       |       | 01h. G.M.T. 10th July |       |       |       | 07h. G.M.T. |   |       |       |
|----------------------|----|-------|-------|-------------|-------|-------|-------|-----------------------|-------|-------|-------|-------------|---|-------|-------|
| III                  | C  | wwVhN | DDFWN | C           | C     | wwVhN | DDFWN | C                     | C     | wwVhN | DDFWN | C           | C | wwVhN | DDFWN |
| 109                  | 77 | 01860 | 13313 | 52          | 02854 | 13418 | 57    | 02863                 | 15225 | 07    | 01850 | 17324       |   |       |       |
| 115                  | 53 | 02944 | 20326 | 52          | 02744 | 10267 | 02    | 02844                 | 18486 | 57    | 02944 | 14227       |   |       |       |
| 203                  | 5- | 02847 | 16427 | 5-          | 81838 | 16588 |       |                       |       | 5-    | 02348 | 16328       |   |       |       |
| 206                  | 74 | 01963 | 43424 | 57          | 02865 | 16127 | 57    | 02864                 | 55425 | 57    | 02862 | 00026       |   |       |       |
| 210                  | 20 | 01963 | 04414 | 57          | 02864 | 16328 | 57    | 02862                 | 16226 | 10    | 02861 | 00125       |   |       |       |
| 220                  | 62 | 03745 | 19468 |             |       |       |       |                       |       |       |       |             |   |       |       |
| 230                  | 87 | 02855 | 19317 | 52          | 51857 | 18228 | 53    | 02864                 | 00016 | 5-    | 02868 | 18128       |   |       |       |
| 245                  | 20 | 01962 | 12615 | 44          | 02762 | 50526 | 04    | 42770                 | 24143 | 00    | 05670 | 14143       |   |       |       |
| 260                  | 2- | 02765 | 04226 | 70          | 01863 | 20315 | 50    | 00862                 | 00012 | 50    | 00761 | 00001       |   |       |       |
| 277                  |    |       |       |             |       |       |       |                       |       |       |       |             |   |       |       |
| 279                  | 10 | 01762 | 21204 | 10          | 01961 | 20413 |       |                       |       | 02    | 00790 | 06102       |   |       |       |
| 285                  | 13 | 01753 | 28214 |             |       |       |       |                       |       | 00    | 00050 | 24100       |   |       |       |
| 288                  | 5- | 17458 | 04228 | 5-          | 47325 | 01315 | --    | 44105                 | 24145 | 00    | 43300 | 25140       |   |       |       |
| 273                  |    |       |       |             |       |       |       |                       |       |       |       |             |   |       |       |
| 301                  | 04 | 00990 | 26207 | 00          | 00990 | 27202 | 00    | 05850                 | 00000 | 00    | 00550 | 00041       |   |       |       |
| 321                  | 5- | 05667 | 01227 | 5-          | 05661 | 02211 | 00    | 05550                 | 27210 | --    | 46105 | 01145       |   |       |       |
| 299                  |    |       |       | 50          | 05544 | 00014 | --    | 48105                 | 28245 | 50    | 05544 | 28244       |   |       |       |
| 292                  | 5- | 05668 | 03428 | 10          | 05661 | 00211 | --    | 44105                 | 29145 | --    | 44205 | 00045       |   |       |       |
| 310                  | ~  | 01634 | 33314 |             |       |       |       |                       |       | --    | 01641 | 12111       |   |       |       |
| 316                  | 5- | 05567 | 30227 | 5-          | 05675 | 04115 | 00    | 05650                 | 30110 | 00    | 08430 | 00000       |   |       |       |
| 333                  | 20 | 01963 | 24313 | 10          | 01961 | 20202 | 52    | 02856                 | 18218 | 5-    | 02866 | 16326       |   |       |       |
| 334                  |    |       |       |             |       |       |       |                       |       | --    | 01630 | 08202       |   |       |       |
| 340                  | 10 | 00871 | 30211 | 00          | 00850 | 32300 | 00    | 05600                 | 30100 | 00    | 00790 | 00000       |   |       |       |
| 136                  | 29 | 01772 | 01214 | 00          | 00790 | 03302 | --    | 46205                 | 28345 | 5-    | 05628 | 32248       |   |       |       |
| 336                  | 00 | 00890 | 24400 |             |       |       |       |                       |       |       |       |             |   |       |       |
| 350                  | 17 | 05611 | 30311 | 20          | 05663 | 32213 | 00    | 05550                 | 02104 | --    | 44205 | 04245       |   |       |       |
| 368                  | 10 | 00961 | 23421 |             |       |       |       |                       |       |       |       |             |   |       |       |
| 379                  |    |       |       | 10          | 00762 | 26202 | 00    | 00790                 | 28203 | 10    | 00661 | 04201       |   |       |       |
| 390                  | 04 | 05790 | 26312 | 00          | 05650 | 26313 | 00    | 08450                 | 32112 | 03    | 08450 | 30144       |   |       |       |
| 382                  | 5- | 05657 | 18317 | 50          | 05662 | 30202 | 00    | 05650                 | 32105 | 50    | 05622 | 12112       |   |       |       |
| 436                  |    |       |       |             |       |       |       |                       |       |       |       |             |   |       |       |
| 430                  | 50 | 05662 | 30202 | 00          | 05650 | 28314 | 00    | 05650                 | 26110 | 10    | 05671 | 14101       |   |       |       |
| 409                  | 50 | 01844 | 30414 | 00          | 00850 | 30313 | 5-    | 02765                 | 00015 | 50    | 00842 | 04102       |   |       |       |

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, Nh - Height and amount of low cloud—See M.O. 252.  
 N - Total amount of cloud—See M.O. 252.  
 C, Cx - 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 10th June

|                                          |                                                                                                                                                                                                  |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                           | Light variable breezes today, becoming southwesterly. Fine today; more cloud to-morrow with a chance of some rain and local thunderstorms: warm.                                                 |
| 2 E. England ...                         |                                                                                                                                                                                                  |
| 3 E. Midlands ...                        |                                                                                                                                                                                                  |
| 4 W. Midlands ...                        | Freshening south to southwest probably becoming strong locally on the coast; veering tomorrow; fair early, cloud increasing with rain spreading east this evening and to-morrow: warm and close. |
| 5 S.W. England                           |                                                                                                                                                                                                  |
| 6 South Wales ...                        |                                                                                                                                                                                                  |
| 7 North Wales ...                        |                                                                                                                                                                                                  |
| 8 N.W. England                           |                                                                                                                                                                                                  |
| 9 N. Midlands ...                        | Winds becoming southerly, freshening; fair at first, cloudy to overcast, with occasional rain later: rather warmer.                                                                              |
| 10 N.E. England                          |                                                                                                                                                                                                  |
| 11 S.E. Scotland                         |                                                                                                                                                                                                  |
| 12 S.W. Scotland & Isle of Man.          | Fresh southerly winds, strong at times on the coast; becoming cloudy or dull with occasional rain: average temperature.                                                                          |
| 13 { A. W. Scotland.<br>B.N.W. Scotland. |                                                                                                                                                                                                  |
| 14 Mid Scotland                          |                                                                                                                                                                                                  |
| 15 N. E. Scotland                        |                                                                                                                                                                                                  |
| 16 Orkneys and Shetlands                 | Southerly winds, backing southeast, freshening; mainly cloudy; some rain probable to-morrow. Some coast fog; average temperature.                                                                |
| 17 N. W. Ireland                         | Wind southerly fresh to strong, veering southwest to west, moderating.                                                                                                                           |
| 18 N. E. Ireland                         | Dull; rain; bright periods with occasional showers to-morrow. Average temperature becoming cooler.                                                                                               |
| 19 S. E. Ireland                         |                                                                                                                                                                                                  |
| 20 S. W. Ireland                         |                                                                                                                                                                                                  |

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

### GENERAL INFERENCE.

Pressure is highest near the Azores. A depression is located well southward of Iceland and a vigorous trough of low pressure associated with it will move in over the country and rain will spread eastward to many areas.

### FURTHER OUTLOOK.

Unsettled in most districts.

Cold front.  
 Warm front.  
 Occlusion.

Forecasts issued at 1030 G.M.T.

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

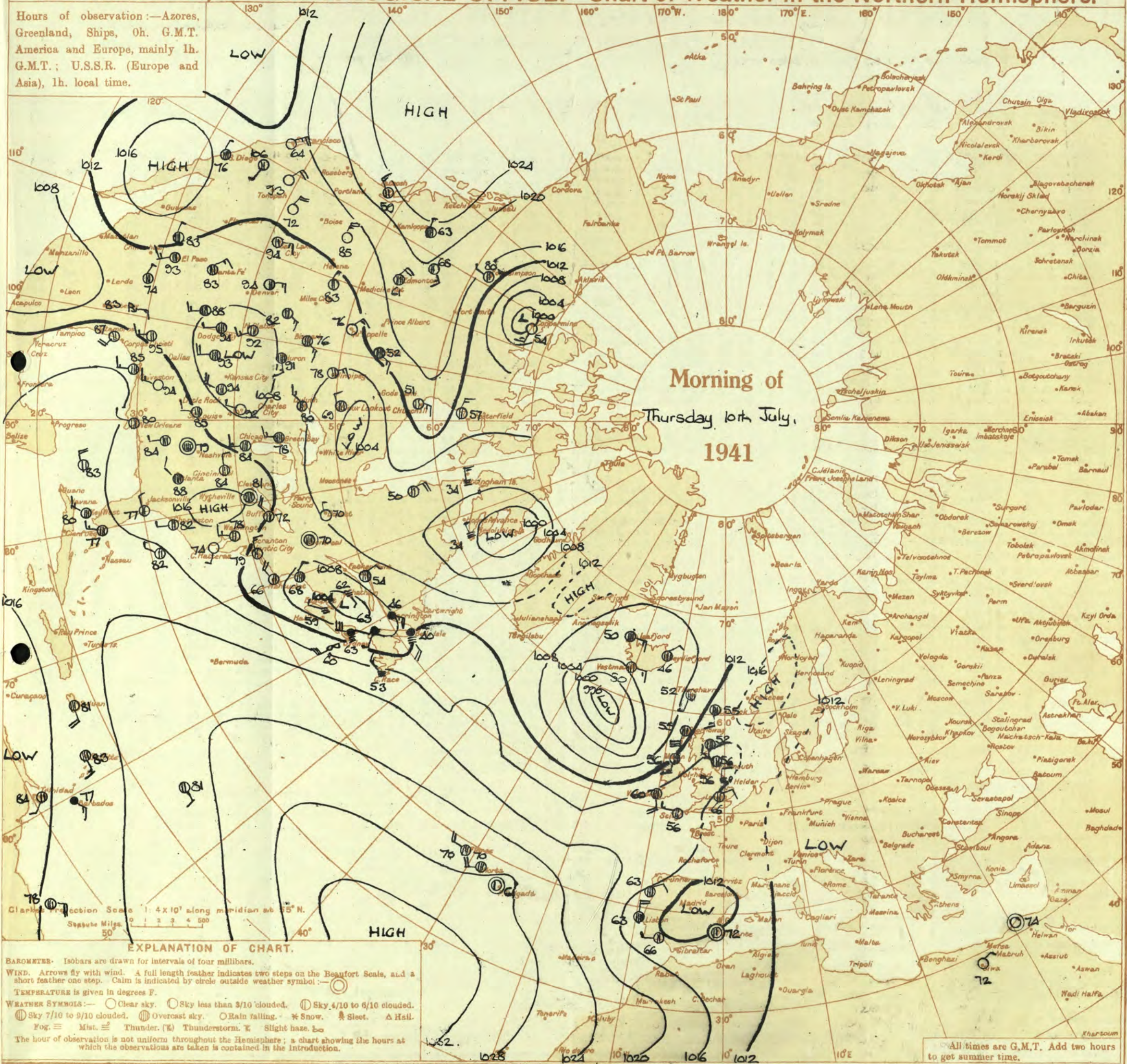
H.M.S.O. Press, Cornwall House, S.E.

G. 266. W. 9176. 4. 5034. G. 919. 5300. 5/41



# 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 10th July 1941  
 No. 29085

| OBSERVATIONS at 1 hr. G.M.T. 10th July |                             |                              |                      |                    |        |        |          |           |          |             |        |         |                        | OBSERVATIONS at 7 hr. G.M.T. 10th July |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  | 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. 0-9       | TEMPERATURE.      |                |                  | RAINFALL. |      | SUNSHINE 9th Hrs. |       |           |             |
|                                        |                             |                              |                      |                    | Direc. | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Direc.                                 |                       |                    | Force. | Form. |          |           |          |             | Amount. | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. |                  |                | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |           |      |                   |       |           |             |
|                                        |                             |                              |                      |                    |        |        |          |           |          |             |        |         |                        |                                        |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  |                |                   |                |                  | Low.      | Med. |                   | High. | Low 0-10. | Total 0-10. |
| 1                                      | London (Kew) ... 18         | 1015.1                       | +2                   | NE                 | 2      | 20     | 66       | 85        | 6        | -           | -      | -       | -                      | 1013.9                                 | -6                    | NE                 | 2      | 20    | 67       | 75        | 6        | 5           | -       | 1                      | 4.6                 | 4.6                   | 2500             | 0              | 81                | 62             | 52               | -         | -    | 9.8               |       |           |             |
|                                        | Croydon ... 217             | 1015.1                       | -2                   | NE                 | 1      | 20     | 63       | 85        | 6        | -           | -      | -       | -                      | 1014.0                                 | -6                    | NE                 | 1      | 20    | 64       | 85        | 6        | 1           | -       | -                      | 4.6                 | 4.6                   | 4000             | 0              | 85                | 60             | 57               | -         | -    | 10.1              |       |           |             |
|                                        | S. Farnborough ... 226      | 1015.1                       | 0                    | NW                 | 2      | 20     | 55       | 92        | 7        | -           | -      | -       | -                      | 1013.9                                 | -6                    | -                  | 0      | 20    | 66       | 85        | 6        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 83                | 56             | 50               | -         | -    | 11.8              |       |           |             |
|                                        | Boscombe Down ... 417       | 1016.5                       | 0                    | NW                 | 2      | 20     | 55       | 92        | 7        | -           | -      | -       | -                      | 1014.9                                 | -8                    | -                  | 0      | 20    | 57       | 85        | 6        | 1           | -       | -                      | 2.3                 | 2.3                   | 800              | 0              | 78                | 52             | 49               | -         | -    | 12.1              |       |           |             |
|                                        | Thorney Island ... 10       | 1014.9                       | -2                   | W                  | 2      | 6      | 63       | 85        | 7        | -           | -      | -       | -                      | 1013.6                                 | -2                    | -                  | 0      | 20    | 65       | 85        | 6        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 84                | 58             | 55               | -         | -    | -                 |       |           |             |
|                                        | Lymington ... 346           | 1015.3                       | 0                    | W                  | 0      | 20     | 63       | 85        | 5        | -           | -      | -       | -                      | 1014.2                                 | -6                    | NE                 | 2      | 20    | 67       | 85        | 6        | 5           | -       | -                      | 2.3                 | 2.3                   | 1200             | 0              | 83                | 56             | 52               | -         | -    | 13.4              |       |           |             |
|                                        | Manston ... 154             | 1014.6                       | -2                   | NW                 | 1      | 20     | 61       | 92        | 6        | -           | -      | -       | -                      | 1013.8                                 | 0                     | NE/N               | 2      | 20    | 65       | 85        | 6        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 83                | 60             | 54               | -         | -    | 13.2              |       |           |             |
| 2                                      | Shoeburyness ... 11         | 1014.4                       | 0                    | NW                 | 2      | 20     | 63       | 85        | 6        | -           | -      | -       | -                      | 1014.4                                 | 0                     | N/E                | 1      | 6     | 65       | 75        | 6        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 85                | 58             | 51               | -         | -    | 12.4              |       |           |             |
|                                        | Felixstowe ... 15           | 1014.4                       | 0                    | NNW                | 2      | 20     | 63       | 85        | 6        | -           | -      | -       | -                      | 1014.4                                 | +6                    | NE                 | 2      | 20    | 59       | 97        | 5        | 5           | -       | -                      | 10                  | 10                    | 300              | 0              | 75                | 56             | 56               | -         | -    | 12.6              |       |           |             |
|                                        | Gorleston ... 5             | 1015.1                       | -4                   | NNW                | 2      | 20     | 60       | 97        | 2        | -           | -      | -       | -                      | 1014.3                                 | -4                    | NNW                | 1      | 20    | 60       | 97        | 6        | 5           | -       | -                      | 7.8                 | 7.8                   | 800              | 0              | 69                | 59             | 56               | -         | -    | -                 |       |           |             |
|                                        | Mildenhall ... 19           | 1015.0                       | -2                   | NW                 | 1      | 20     | 56       | 97        | 2        | -           | -      | -       | -                      | 1014.4                                 | -2                    | NE/E               | 2      | 20    | 59       | 97        | 6        | 5           | -       | -                      | 10                  | 10                    | 400              | 0              | 77                | 55             | 49               | -         | -    | 10.8              |       |           |             |
|                                        | Cranwell ... 240            | 1015.7                       | -2                   | -                  | 0      | 20     | 59       | 97        | 5        | -           | -      | -       | -                      | 1014.0                                 | -14                   | NE                 | 2      | 20    | 57       | 85        | 6        | 7           | -       | -                      | 2.3                 | 2.3                   | 3500             | 0              | 74                | 71             | 50               | -         | -    | 6.0               |       |           |             |
| 3                                      | Birmingham ... 535          | 1015.6                       | -2                   | WSW                | 1      | 20     | 59       | 65        | 6        | -           | -      | -       | -                      | 1014.9                                 | -4                    | -                  | 0      | 20    | 61       | 65        | 5        | -           | -       | 1                      | 0                   | 1                     | 0                | 78             | 55                | 39             | -                | -         | 8.1  |                   |       |           |             |
|                                        | Upper Heyford ... 408       | 1015.6                       | -2                   | WSW                | 1      | 20     | 59       | 65        | 6        | -           | -      | -       | -                      | 1014.3                                 | -6                    | ENE                | 2      | 20    | 63       | 75        | 6        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 75                | 56             | 49               | -         | -    | -                 |       |           |             |
| 4                                      | Ross-on-Wye ... 223         | 1015.1                       | -10                  | NW                 | 2      | 20     | 55       | 85        | 7        | -           | -      | -       | -                      | 1015.1                                 | -10                   | NW                 | 2      | 20    | 55       | 85        | 7        | 5           | -       | -                      | 10                  | 10                    | 2500             | 0              | 78                | 51             | 43               | -         | -    | 11.7              |       |           |             |
| 5                                      | Hartland Point ... 299      | 1017.2                       | -4                   | NNW                | 2      | 60     | 58       | 85        | 8        | -           | -      | -       | -                      | 1014.3                                 | -14                   | NE                 | 3      | 60    | 62       | 85        | 8        | 2           | -       | -                      | 2.3                 | 2.3                   | 2500             | 0              | 66                | 57             | 51               | -         | -    | 14.1              |       |           |             |
|                                        | Bristol ... 209             | 1016.9                       | 0                    | W                  | 0      | 60     | 56       | 97        | 7        | -           | -      | -       | -                      | 1015.0                                 | -8                    | -                  | 0      | 60    | 59       | 85        | 7        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 76                | 52             | 41               | -         | -    | 11.0              |       |           |             |
|                                        | Portland Bill ... 32        | 1016.1                       | -6                   | W                  | 2      | 60     | 59       | 92        | 8        | -           | -      | -       | -                      | 1014.5                                 | -6                    | NW                 | 2      | 60    | 62       | 85        | 8        | 1           | -       | -                      | 4.6                 | 4.6                   | 2500             | 0              | 67                | 56             | -                | -         | -    | -                 |       |           |             |
|                                        | Plymouth ... 82             | 1017.9                       | -2                   | NNW                | 1      | 6      | 55       | 85        | 8        | -           | -      | -       | -                      | 1015.0                                 | -10                   | -                  | 0      | 60    | 60       | 85        | 8        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 73                | 51             | 41               | -         | -    | 14.0              |       |           |             |
|                                        | The Lizard ... 240          | 1017.9                       | -6                   | NNW                | 2      | 60     | 52       | 97        | 8        | -           | -      | -       | -                      | 1015.1                                 | -8                    | NNW                | 3      | 60    | 59       | 92        | 8        | 4           | -       | -                      | 2.3                 | 2.3                   | 2500             | 0              | 67                | 51             | -                | -         | -    | -                 |       |           |             |
|                                        | Scilly (St. Mary's) ... 163 | 1017.8                       | -8                   | W/N                | 2      | 60     | 56       | 92        | 8        | -           | -      | -       | -                      | 1014.5                                 | -12                   | SSW                | 2      | 60    | 60       | 97        | 8        | 8           | -       | -                      | 4.6                 | 4.6                   | 1500             | 0              | 68                | 55             | -                | -         | -    | -                 |       |           |             |
|                                        | Guernsey ... 175            | 1017.8                       | -8                   | W/N                | 2      | 60     | 56       | 92        | 8        | -           | -      | -       | -                      | 1014.5                                 | -12                   | SSW                | 2      | 60    | 60       | 97        | 8        | 8           | -       | -                      | 4.6                 | 4.6                   | 1500             | 0              | 68                | 55             | -                | -         | -    | -                 |       |           |             |
| 6                                      | Pembroke ... 142            | 1017.0                       | -6                   | ESE                | 1      | 6      | 55       | 97        | 8        | -           | -      | -       | -                      | 1014.2                                 | -16                   | SE                 | 4      | 6     | 58       | 85        | 7        | 8           | 9       | -                      | 4.6                 | 7.8                   | 3000             | 0              | 65                | 54             | -                | -         | -    | 14.6              |       |           |             |
| 7                                      | Holyhead (Vale) ... 26      | 1015.8                       | -10                  | SSW                | 5      | 6      | 57       | 97        | 8        | -           | -      | -       | -                      | 1013.6                                 | -10                   | S                  | 3      | 6     | 61       | 85        | 9        | 5           | -       | -                      | 9                   | 9                     | 2500             | 0              | 72                | 47             | 43               | -         | -    | -                 |       |           |             |
|                                        | Chester (Sealand) ... 16    | 1016.5                       | -2                   | -                  | 0      | 6      | 51       | 92        | 8        | -           | -      | -       | -                      | 1014.8                                 | -6                    | -                  | 0      | 20    | 57       | 85        | 5        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 75                | 43             | 37               | -         | -    | 14.0              |       |           |             |
| 8                                      | Manchester ... 70           | 1016.6                       | -4                   | N/E                | 1      | 6      | 45       | 97        | 4        | -           | -      | -       | -                      | 1015.1                                 | -10                   | -                  | 0      | 20    | 55       | 85        | 4        | -           | -       | -                      | 0                   | 0                     | -                | 1              | 75                | 43             | 37               | -         | -    | 12.7              |       |           |             |
| 10                                     | Spurn Head ... 29           | 1016.6                       | +2                   | N                  | 2      | 6      | 56       | 97        | 4        | -           | -      | -       | -                      | 1014.9                                 | -4                    | N/E                | 3      | 6     | 58       | 97        | 3        | -           | -       | -                      | 10                  | 10                    | 2150             | 1              | 66                | 55             | -                | -         | -    | 8.2               |       |           |             |
|                                        | Catterick ... 175           | 1016.5                       | -2                   | -                  | 0      | 20     | 54       | 92        | 6        | -           | -      | -       | -                      | 1014.8                                 | -10                   | -                  | 0      | 6     | 57       | 85        | 7        | 5           | -       | -                      | 7.8                 | 7.8                   | 3500             | 0              | 75                | 48             | 42               | -         | -    | 6.4               |       |           |             |
|                                        | Tynemouth ... 108           | 1017.0                       | -4                   | NW                 | 1      | 20     | 56       | 85        | 6        | -           | -      | -       | -                      | 1015.8                                 | -2                    | ENE                | 1      | 20    | 57       | 75        | 5        | -           | -       | -                      | 0                   | 0                     | -                | 0              | 61                | 55             | 49               | -         | -    | -                 |       |           |             |
| 11                                     | St. Abbs Head ... 280       | 1015.5                       | -2                   | U                  | 3      | 6      | 57       | 75        | 8        | -           | -      | -       | -                      | 1014.2                                 | -6                    | SE                 | 2      | 60    | 61       | 75        | 9        | 4           | 4       | 5                      | 2.3                 | 4.6                   | 2500             | 0              | 65                | 55             | -                | -         | -    | -                 |       |           |             |
|                                        | Leuchars ... 36             | 1014.8                       | -6                   | U                  | 2      | 6      | 54       | 85        | 7        | -           | -      | -       | -                      | 1014.1                                 | -2                    | -                  | 0      | 60    | 58       | 85        | 7        | -           | -       | -                      | 5                   | 0                     | 2.3              | -              | 0                 | 68             | 51               | 45        | -    | -                 | 10.5  |           |             |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1015.0                       | -6                   | -                  | 0      | 60     | 56       | 85        | 8        | -           | -      | -       | -                      | 1013.2                                 | -10                   | E/H                | 1      | 20    | 60       | 75        | 5        | -           | -       | 1                      | 0                   | 4.6                   | -                | 0              | 70                | 52             | 43               | -         | -    | 11.5              |       |           |             |
|                                        | Eskdalemuir ... 794         | 1015.5                       | -6                   | SW                 | 3      | 6      | 55       | 92        | 8        | -           | -      | -       | -                      | 1014.2                                 | -10                   | -                  | 0      | 6     | 53       | 85        | 8        | -           | -       | 1                      | 0                   | Tr                    | -                | 1              | 63                | 41             | 35               | -         | -    | 13.7              |       |           |             |
|                                        | Point of Ayre ... 30        | 1015.5                       | -6                   | SW                 | 3      | 6      | 55       | 92        | 8        | -           | -      | -       | -                      | 1013.3                                 | -8                    | S                  | 4      | 6     | 57       | 85        | 7        | 5           | -       | -                      | 9                   | 9                     | 800              | 0              | 69                | 53             | -                | -         | -    | 13.4              |       |           |             |
| 13A                                    | Tiree ... 22                | 1012.6                       | -2                   | SSE                | 2      | 6      | 54       | 92        | 7        | -           | -      | -       | -                      | 1008.7                                 | -4                    | SE/S               | 4      | 6     | 54       | 92        | 7        | 5           | -       | -                      | 10                  | 10                    | 1800             | 0              | 60                | 53             | -                | 0.6       | -    | 2.6               |       |           |             |
| 13B                                    | Stornoway ... 80            | 1011.2                       | +2                   | SSW                | 6      | 6      | 55       | 97        | 7        | -           | -      | -       | -                      | 1010.7                                 | -6                    | SE                 | 2      | 6     | 55       | 97        | 8        | 5           | 7       | -                      | 4.6                 | 10                    | 2500             | 1              | 61                | 54             | -                | 3         | 0.1  | 0.2               |       |           |             |
| 15                                     | Dalwhinnie ... 1176         | 1013.3                       | -16                  | S                  | 3      | 6      | 60       | 75        | 8        | -           | -      | -       | -                      | 1013.3                                 | -16                   | S                  | 3      | 6     | 60       | 75        | 8        | 8           | 9       | -                      | 2.3                 | 9                     | 1500             | 0              | 68                | 53             | 48               | -         | -    | 4.9               |       |           |             |
|                                        | Aberdeen ... 79             | 1013.1                       | 0                    | SW                 | 3      | 6      | 58       | 85        | 9        | -           | -      | -       | -                      | 1014.1                                 | -4                    | S                  | 2      | 6     | 60       | 85        | 7        | -           | -       | 1                      | 0                   | Tr                    | -                | 0              | 64                | 48             | 42               | -         | -    | 10.8              |       |           |             |
|                                        | Wick ... 109                | 1013.1                       | 0                    | SW                 | 3      | 6      | 58       | 85        | 9        | -           | -      | -       | -                      | 1013.0                                 | -2                    | SE                 | 2      | 6     | 59       | 85        | 9        | -           | -       | 7                      | 2                   | 0                     | 9                | -              | 62                | 54             | 53               | -         | -    | -                 |       |           |             |
| 16                                     | Lerwick (Sumburgh) ... 130  | 1013.7                       | -8                   | S                  | 3      | 6      | 53       | 92        | 8        | -           | -      | -       | -                      | 1014.4                                 | +2                    | S                  | 1      | 6     | 53       | 97        | 6        | 5           | -       | -                      | 10                  | 10                    | 100              | -              | 61                | 50             | -                | -         | -    | -                 |       |           |             |
| 17                                     | Blackod Point ... 18        | 1010.1                       | -18                  | S                  | 6      | 6      | 60       | 85        | 7        | -           | -      | -       | -                      | 1005.3                                 | -24                   | S                  | 7      | 6     | 59       | 85        | 7        | 6           | -       | -                      | 10                  | 10                    | 1500             | 1              | 63                | 57             | -                | 2         | 0.1  | -                 |       |           |             |
| 18                                     | Malin Head ... 84           | 1012.8                       | -12                  | S                  | 3      | 6      | 56       | 85        | 8        | -           | -      | -       | -                      | 1009.3                                 | -14                   | S                  | 4      | 6     | 59       | 75        | 8        | 9           | -       | -                      | 4.6                 | 7.8                   | 4000             | 0              | 63                | 53             | -                | Tr        | -    | 4.9               |       |           |             |
|                                        | Aldergrove ... 268          | 1014.2                       | -14                  | -                  | 0      | 6      | 55       | 92        | 8        | -           | -      | -       | -                      | 1011.6                                 | -4                    | SSW                | 3      | 6     | 58       | 85        | 7        | 5           | -       | -                      | 3                   | 4.6                   | 9                | 900            | 0                 | 52             | 43               | -         | -    | 8.1               |       |           |             |
| 19                                     | Birr Castle ... 173         | 1014.0                       | -10                  | S                  | 1      |        |          |           |          |             |        |         |                        |                                        |                       |                    |        |       |          |           |          |             |         |                        |                     |                       |                  |                |                   |                |                  |           |      |                   |       |           |             |



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Friday 11th July 1941  
No. 28086

| OBSERVATIONS at 13h. G.M.T. 10th July. |                                      |                               |                              |               |               |          |                     |            |                      |                           |        |                            |                                         | OBSERVATIONS at 18h. G.M.T. 10th July. |                                |                               |                       |       |          |                      |             |                       |                            |                           |                                        |                                    |                     | PAST 24 HOURS.                 |                               |                          |                           |                           |                         |   |   |   |
|----------------------------------------|--------------------------------------|-------------------------------|------------------------------|---------------|---------------|----------|---------------------|------------|----------------------|---------------------------|--------|----------------------------|-----------------------------------------|----------------------------------------|--------------------------------|-------------------------------|-----------------------|-------|----------|----------------------|-------------|-----------------------|----------------------------|---------------------------|----------------------------------------|------------------------------------|---------------------|--------------------------------|-------------------------------|--------------------------|---------------------------|---------------------------|-------------------------|---|---|---|
| District.                              | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.         |               | Weather. | Temp.<br>°F.<br>(6) | °C.<br>(7) | Humid.<br>0-9<br>(8) | Visibility.<br>0-9<br>(9) | Cloud. |                            |                                         |                                        | Barom.<br>at<br>M.S.L.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.                 |       | Weather. | Temp.<br>°F.<br>(20) | °C.<br>(21) | Humid.<br>0-9<br>(22) | Visibility.<br>0-9<br>(23) | Cloud.                    |                                        |                                    |                     | Barom.<br>at<br>M.S.L.<br>(29) | Change in<br>8 hours.<br>(30) | WEATHER.                 |                           |                           |                         |   |   |   |
|                                        |                                      |                               |                              | Direc.<br>(3) | Force.<br>(4) |          |                     |            |                      |                           | Form.  | Amount.<br>(10-10)<br>(11) | Height<br>of<br>Base.<br>(feet)<br>(12) | Direc.<br>(17)                         |                                |                               | Force<br>0-12<br>(18) | Form. |          |                      |             |                       |                            | Amount<br>(24-25)<br>(26) | Height<br>of<br>Base<br>(feet)<br>(27) | State of<br>Ground.<br>0-6<br>(28) | Sea.<br>0-9<br>(29) |                                |                               | 7h.—13h.<br>10th<br>(37) | 13h.—18h.<br>10th<br>(38) | 18h.—10th<br>11th<br>(39) | 1h.—7h.<br>11th<br>(40) |   |   |   |
|                                        |                                      |                               |                              |               |               |          |                     |            |                      |                           |        |                            |                                         |                                        |                                |                               |                       |       |          |                      |             |                       |                            |                           |                                        |                                    |                     |                                |                               |                          |                           |                           |                         |   |   |   |
| 1                                      | London (Kew)...                      | 1011.3                        | -18                          | SEE           | 2             | 2        | 81                  | 45         | 6                    | 1                         | 1      | 4000                       | 1009.6                                  | -12                                    | SSW                            | 3                             | 6                     | 73    | 55       | 7                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Croydon ...                          | 1011.4                        | -20                          | E             | 3             | 2        | 83                  | 45         | 7                    | 1                         | 1      | 4000                       | 1009.8                                  | -8                                     | SW                             | 2                             | 6                     | 80    | 65       | 7                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | S. Farnborough                       | 1011.3                        | -18                          | SSE           | 2             | 2        | 82                  | 45         | 6                    | 1                         | 1      | 4000                       | 1009.9                                  | -2                                     | WSW                            | 2                             | 20                    | 80    | 55       | 6                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Boscombe Down                        | 1011.8                        | -18                          | SSW           | 3             | 2        | 80                  | 55         | 6                    | 1                         | 1      | 4000                       | 1010.5                                  | -6                                     | SSW                            | 3                             | 6                     | 79    | 35       | 8                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Thorney Island                       | 1012.5                        | -6                           | S             | 3             | 2        | 71                  | 75         | 6                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 72                    | 76    | 6        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Lympne                               | 1012.8                        | -14                          | SE            | 2             | 2        | 75                  | 65         | 6                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 73                    | 65    | 7        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Manston                              | 1012.0                        | -18                          | SE            | 0             | 2        | 75                  | 65         | 6                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 73                    | 65    | 6        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
| 2                                      | Shoeburyness ...                     | 1013.1                        | -12                          | E             | 2             | 2        | 69                  | 65         | 7                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 71                    | 75    | 7        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Felixstowe                           | 1012.6                        | -14                          | SE            | 2             | 2        | 71                  | 75         | 6                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 66                    | 85    | 6        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Gorleston                            | 1013.6                        | -2                           | NE            | 1             | 0        | 62                  | 92         | 6                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 64                    | 85    | 7        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Mildenhall                           | 1011.5                        | -18                          | SE            | 0             | 0        | 77                  | 55         | 7                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 81                    | 55    | 6        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Cranwell                             | 1011.3                        | -24                          | SSE           | 1             | 0        | 77                  | 55         | 7                    | 1                         | 1      | 1500                       | 1010.0                                  | -10                                    | SE                             | 2                             | 0                     | 78    | 55       | 7                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
| 3                                      | Birmingham                           | 1011.3                        | -16                          | S             | 2             | 2        | 78                  | 45         | 7                    | 1                         | 1      | 4000                       | 1008.7                                  | -10                                    | WSW                            | 2                             | 6                     | 80    | 35       | 8                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Upper Heyford                        | 1011.4                        | -20                          | SE            | 2             | 2        | 81                  | 45         | 6                    | 1                         | 1      | 4000                       | 1009.1                                  | -10                                    | SSW                            | 2                             | 20                    | 82    | 45       | 6                    | 2           | 6                     | 4                          | 2                         | 3                                      | 4000                               | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
| 4                                      | Ross-on-Wye                          | 1011.4                        | -20                          | SW            | 3             | 2        | 77                  | 55         | 6                    | 1                         | 1      | 4000                       | 1010.0                                  | -6                                     | SW                             | 3                             | 6                     | 77    | 35       | 8                    | 1           | 1                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 5                                      | Hartland Point                       | 1013.3                        | -6                           | WNW           | 3             | 2        | 63                  | 75         | 9                    | 2                         | 1      | 2500                       | 1011.3                                  | -4                                     | W                              | 3                             | 6                     | 66    | 75       | 8                    | 1           | 1                     | 4                          | 4                         | 1                                      | 4                                  | 6                   | 2500                           | 0                             | 3                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Bristol ...                          | 1012.2                        | -12                          | W             | 3             | 2        | 77                  | 55         | 7                    | 1                         | 1      | 4000                       | 1009.8                                  | -10                                    | WNW                            | 3                             | 6                     | 76    | 45       | 9                    | 1           | 1                     | 4                          | 4                         | 1                                      | 4                                  | 6                   | 4000                           | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Portland Bill                        | 1013.4                        | -4                           | W             | 2             | 2        | 64                  | 85         | 8                    | 1                         | 1      | 2500                       | 1010.8                                  | -10                                    | W                              | 2                             | 6                     | 62    | 85       | 8                    | 1           | 1                     | 4                          | 4                         | 1                                      | 4                                  | 6                   | 4000                           | 0                             | 2                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Plymouth                             | 1013.4                        | -10                          | SW            | 3             | 2        | 65                  | 75         | 8                    | 2                         | 3      | 3000                       | 1011.6                                  | -10                                    | SSW                            | 3                             | 6                     | 64    | 85       | 8                    | 1           | 1                     | 5                          | 5                         | 1                                      | 5                                  | 8                   | 3000                           | 0                             | 3                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | The Lizard                           | 1013.7                        | -6                           | SW            | 3             | 2        | 67                  | 75         | 8                    | 7                         | 4      | 4                          | 6                                       | 2500                                   | 1011.5                         | -8                            | WS                    | 2     | 6        | 66                   | 75          | 8                     | 8                          | 6                         | 1                                      | 7                                  | 8                   | 3000                           | 0                             | 3                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Scilly (St. Mary's)                  | 1013.0                        | -8                           | SW            | 3             | 2        | 69                  | 65         | 8                    | 7                         | 4      | 1                          | 4                                       | 1800                                   | 1011.2                         | -10                           | SW                    | 3     | 6        | 65                   | 75          | 8                     | 8                          | 8                         | 3                                      | 4                                  | 6                   | 1800                           | 0                             | 3                        | 0                         | 0                         | 0                       | 0 |   |   |
| 6                                      | Pembroke                             | 1012.5                        | -6                           | S             | 3             | 2        | 62                  | 72         | 8                    | 1                         | 7      | 1                          | 2                                       | 3                                      | 3500                           | 1011.2                        | -8                    | SW    | 2        | 6                    | 62          | 72                    | 8                          | 1                         | 7                                      | 2                                  | 2                   | 3                              | 3500                          | 0                        | 2                         | 0                         | 0                       | 0 | 0 |   |
| 7                                      | Holyhead (Valley)                    | 1011.3                        | -10                          | S             | 4             | 2        | 67                  | 75         | 9                    | 1                         | 9      | 1                          | 2                                       | 3                                      | 3000                           | 1010.4                        | -4                    | SSW   | 4        | 6                    | 61          | 85                    | 8                          | 1                         | 6                                      | 1                                  | 4                   | 3000                           | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Chester (Sealand)                    | 1011.1                        | -22                          | SSW           | 3             | 2        | 79                  | 45         | 6                    | 2                         | 1      | 1                          | 2                                       | 3                                      | 2500                           | 1010.0                        | -8                    | W     | 4        | 6                    | 67          | 65                    | 8                          | 8                         | 1                                      | 6                                  | 2                   | 3                              | 2500                          | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 8                                      | Manchester                           | 1011.4                        | -22                          | S             | 3             | 2        | 79                  | 35         | 6                    | 1                         | 1      | 4                          | 6                                       | 3500                                   | 1010.0                         | -6                            | WNW                   | 4     | 6        | 72                   | 55          | 7                     | 1                          | 1                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 10                                     | Spurn Head                           | 1012.7                        | -12                          | E             | 2             | 2        | 62                  | 85         | 7                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 60                    | 92    | 7        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Catterick                            | 1011.1                        | -24                          | SEE           | 2             | 2        | 76                  | 45         | 6                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 77                    | 45    | 7        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
|                                        | Tynemouth                            | 1013.4                        | -16                          | SSE           | 2             | 2        | 58                  | 97         | 2                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 50                    | 92    | 6        | 1                    | 1           | 0                     | 0                          | 0                         | 0                                      | 0                                  | 0                   | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
| 11                                     | St. Abbs Head                        | 1011.8                        | -14                          | SSE           | 3             | 2        | 62                  | 75         | 9                    | 2                         | 4      | 2                          | 3                                       | 2500                                   | 1009.9                         | -4                            | SSE                   | 3     | 6        | 60                   | 85          | 8                     | 4                          | 4                         | 1                                      | 2                                  | 3                   | 2500                           | 0                             | 2                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Leuchars                             | 1011.4                        | -16                          | ESE           | 4             | 2        | 67                  | 65         | 7                    | 2                         | 8      | 1                          | 2                                       | 3                                      | 4000                           | 1009.7                        | -6                    | E     | 3        | 6                    | 63          | 85                    | 7                          | 5                         | 6                                      | 1                                  | 4                   | 3200                           | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 12                                     | Renfrew (Abbots I.)                  | 1011.1                        | -12                          | SW            | 3             | 2        | 69                  | 65         | 8                    | 8                         | 1      | 7                          | 8                                       | 2000                                   | 1009.5                         | -10                           | WSW                   | 3     | 6        | 67                   | 65          | 8                     | 2                          | 3                         | 6                                      | 2                                  | 3                   | 4                              | 3000                          | 0                        | 0                         | 0                         | 0                       | 0 | 0 | 0 |
|                                        | Eskdalemuir                          | 1011.0                        | -16                          | SW            | 3             | 2        | 68                  | 65         | 8                    | 1                         | 1      | 0                          | 0                                       | 0                                      | 0                              | 0                             | 67                    | 65    | 8        | 1                    | 1           | 6                     | 6                          | 1                         | 4                                      | 6                                  | 3000                | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Point of Ayre                        | 1011.8                        | -8                           | SE            | 4             | 2        | 66                  | 75         | 8                    | 1                         | 1      | 2                          | 3                                       | 3000                                   | 1010.0                         | -10                           | SE                    | 3     | 6        | 64                   | 75          | 8                     | 1                          | 4                         | 6                                      | 1                                  | 4                   | 2000                           | 0                             | 2                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 13A                                    | Tiree                                | 1001.8                        | -4                           | SE            | 5             | 2        | 58                  | 85         | 7                    | 5                         | 1      | 9                          | 7                                       | 1500                                   | 1006.2                         | -2                            | SE                    | 3     | 6        | 57                   | 97          | 7                     | 5                          | 1                         | 10                                     | 10                                 | 1500                | 1                              | 4                             | 0                        | 0                         | 0                         | 0                       | 0 |   |   |
| 13B                                    | Stornoway                            | 1009.0                        | -6                           | SE            | 2             | 2        | 62                  | 85         | 8                    | 5                         | 7      | 7                          | 8                                       | 2500                                   | 1007.4                         | -6                            | SSE                   | 5     | 6        | 61                   | 85          | 8                     | 5                          | 7                         | 7                                      | 8                                  | 2500                | 1                              | 3                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 15                                     | Dalwhinnie                           | 1011.0                        | -18                          | WSW           | 5             | 2        | 69                  | 55         | 7                    | 8                         | 4      | 4                          | 6                                       | 1500                                   | 1009.4                         | 0                             | S                     | 3     | 6        | 68                   | 55          | 6                     | 8                          | 4                         | 4                                      | 6                                  | 1500                | 0                              | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Aberdeen                             | 1012.5                        | -18                          | SSE           | 3             | 2        | 60                  | 75         | 6                    | 5                         | 3      | 3                          | 2                                       | 3                                      | 100                            | 1010.5                        | -14                   | E     | 3        | 6                    | 59          | 85                    | 6                          | 5                         | 6                                      | 1                                  | 6                   | 100                            | 0                             | 2                        | 0                         | 0                         | 0                       | 0 | 0 |   |
|                                        | Wick                                 | 1011.3                        | -14                          | SEE           | 3             | 2        | 58                  | 92         | 7                    | 5                         | 2      | 0                          | 3                                       | 100                                    | 1009.3                         | -10                           | SE                    | 3     | 6        | 57                   | 97          | 7                     | 5                          | 1                         | 4                                      | 4                                  | 0                   | 7                              | 8                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 16                                     | Leewick, Sumburgh                    | 1014.3                        | -6                           | SSE           | 3             | 2        | 55                  | 97         | 3                    | 1                         | 1      | 10                         | 10                                      | 1500                                   | 1012.8                         | -12                           | SSE                   | 3     | 6        | 55                   | 97          | 5                     | 5                          | 1                         | 10                                     | 10                                 | 100                 | 1                              | 4                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 |   |
| 17                                     | Blacksod Point...                    | 1003.8                        | -2                           | S             | 3             | 2        | 59                  | 92         | 7                    | 6                         | 1      | 10                         | 10                                      | 800                                    | 1005.8                         | +6                            | SSW                   | 4     | 6        | 60                   | 75          | 8                     | 3                          | 5                         | 9                                      | 2                                  | 3                   | 7                              | 8                             | 1500                     | 0                         | 3                         | 0                       | 0 | 0 | 0 |
| 18                                     | Malin Head                           | 1005.9                        | -10                          | SE            | 6             | 2        | 64                  | 65         | 8                    | 5                         | 3      | 4                          | 6                                       | 7                                      | 8                              | 4000                          | 1005.4                | -2    | SSW      | 5                    | 6           | 63                    | 75                         | 8                         | 6                                      | 1                                  | 9                   | 9                              | 2500                          | 0                        | 3                         | 0                         | 0                       | 0 | 0 | 0 |
|                                        | Aldergrove                           | 1009.3                        | -10                          | SE            | 4             | 2        | 64                  | 75         | 8                    | 5                         | 7      | 3                          | 3                                       | 3000                                   | 1007.9                         | -2                            | S                     | 3     | 6        | 65                   | 75          | 7                     | 5                          | 7                         | 9                                      | 2                                  | 3                   | 3000                           | 0                             | 0                        | 0                         | 0                         | 0                       | 0 | 0 | 0 |
| 19                                     | Birr Castle                          | 1008.1                        | -6                           | SSW           | 3             | 2        | 63                  | 75         | 8                    | 8                         | 1      | 7                          | 8                                       | 1500                                   | 1007.9                         | +2                            | SSW                   | 1     | 6        | 60                   | 97          | 7                     | 5                          | 1                         | 10                                     | 10                                 | 25                  |                                |                               |                          |                           |                           |                         |   |   |   |

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

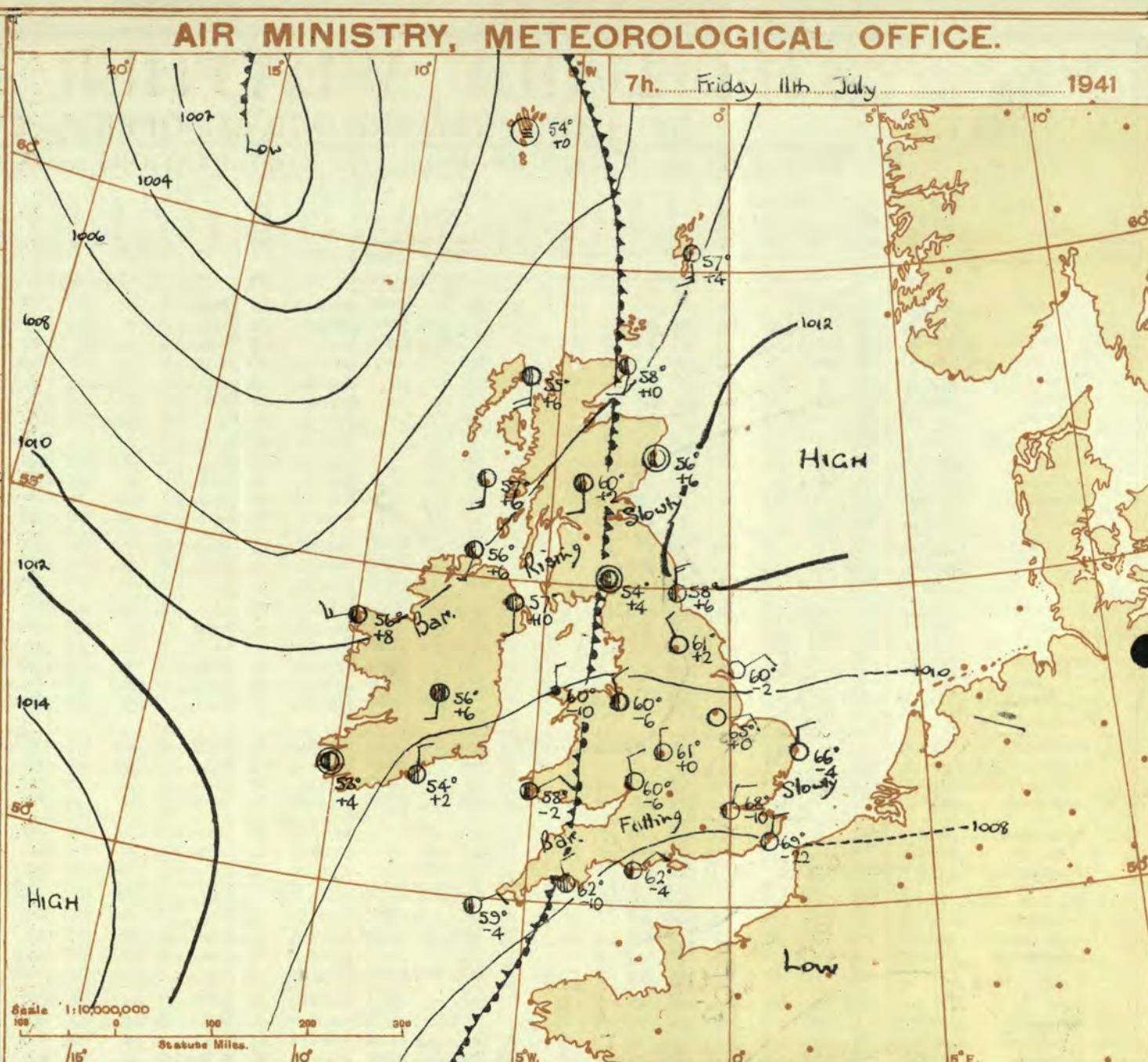
COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION  
AND SYMBOLS FOR WEATHER.

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



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |                    |                    |                |                    |                    |  |                       |                    |                    |  |                |                    |                    |  |
|------------------------------------------------------------------------------|----------------|--------------------|--------------------|----------------|--------------------|--------------------|--|-----------------------|--------------------|--------------------|--|----------------|--------------------|--------------------|--|
| 13h. G.M.T. 10th July                                                        |                |                    |                    | 18h. G.M.T.    |                    |                    |  | 01h. G.M.T. 11th July |                    |                    |  | 07h. G.M.T.    |                    |                    |  |
| III                                                                          | C <sub>1</sub> | wwVhN <sub>1</sub> | DDFWN <sub>1</sub> | C <sub>2</sub> | wwVhN <sub>2</sub> | DDFWN <sub>2</sub> |  | C <sub>3</sub>        | wwVhN <sub>3</sub> | DDFWN <sub>3</sub> |  | C <sub>4</sub> | wwVhN <sub>4</sub> | DDFWN <sub>4</sub> |  |
| 109                                                                          |                |                    |                    | 59             | 40511              | 13544              |  | 07                    | 01790              | 16113              |  | 57             | 02682              | 16115              |  |
| 115                                                                          | 77             | 02344              | 14327              | 54             | 02944              | 20325              |  | 54                    | 02844              | 10227              |  | 53             | 02844              | 20327              |  |
| 203                                                                          | 5-             | 02847              | 16127              | 5-             | 02847              | 16527              |  | 5-                    | 64738              | 16428              |  | 5-             | 02947              | 16467              |  |
| 206                                                                          | 73             | 01864              | 14325              | 73             | 02864              | 22325              |  | 57                    | 02764              | 00026              |  | 57             | 02764              | 00026              |  |
| 210                                                                          | 8-             | 02563              | 12426              | 73             | 02863              | 12426              |  | 07                    | 02890              | 11226              |  | 07             | 02890              | 00026              |  |
| 220                                                                          |                |                    |                    | 62             | 58736              | 16568              |  |                       |                    |                    |  | 23             | 01842              | 17303              |  |
| 230                                                                          | 57             | 02856              | 17226              | 43             | 02853              | 16316              |  | 52                    | 02746              | 18228              |  | 00             | 05630              | 00001              |  |
| 245                                                                          | 50             | 09324              | 07314              | 10             | 01761              | 07244              |  | 04                    | 04490              | 28114              |  | 04             | 09630              | 08142              |  |
| 260                                                                          | 13             | 00861              | 14112              | 10             | 01961              | 18315              |  | 53                    | 01862              | 00014              |  | 53             | 17873              | 00014              |  |
| 277                                                                          |                |                    |                    |                |                    |                    |  |                       |                    |                    |  |                |                    |                    |  |
| 279                                                                          | 12             | 00761              | 23202              | 00             | 01790              | 20304              |  |                       |                    |                    |  | 53             | 25654              | 04285              |  |
| 285                                                                          | 13             | 01853              | 16414              |                |                    |                    |  |                       |                    |                    |  | 53             | 01853              | 24214              |  |
| 288                                                                          | 20             | 00751              | 20141              | 00             | 00790              | 06200              |  | 00                    | 47290              | 08140              |  | 00             | 08490              | 26140              |  |
| 273                                                                          |                |                    |                    |                |                    |                    |  |                       |                    |                    |  |                |                    |                    |  |
| 301                                                                          | 10             | 05662              | 30203              | 00             | 00890              | 30303              |  | 03                    | 01790              | 02113              |  | 05             | 05630              | 06224              |  |
| 321                                                                          | 10             | 00781              | 12141              | 5-             | 05654              | 22314              |  | 04                    | 08490              | 00013              |  | 00             | 05630              | 29100              |  |
| 290                                                                          |                |                    |                    | 00             | 05630              | 13200              |  | 50                    | 05543              | 20313              |  | 50             | 05643              | 20203              |  |
| 292                                                                          | 00             | 00790              | 12240              | 10             | 05661              | 11201              |  | 00                    | 05630              | 00010              |  | 00             | 05630              | 29100              |  |
| 310                                                                          | --             | 01644              | 20314              |                |                    |                    |  |                       |                    |                    |  | --             | 05543              | 32313              |  |
| 316                                                                          | 10             | 05661              | 14201              | 10             | 05661              | 16211              |  | 00                    | 05530              | 00013              |  | 00             | 08430              | 02300              |  |
| 333                                                                          |                |                    |                    | 1-             | 01952              | 30314              |  | 5-                    | 61767              | 11153              |  | 57             | 62964              | 24267              |  |
| 334                                                                          | --             | 01772              | 08202              | --             | 31880              | 16302              |  |                       |                    |                    |  |                |                    |                    |  |
| 340                                                                          | 10             | 05663              | 16303              |                |                    |                    |  | 03                    | 05630              | 31212              |  | 03             | 05630              | 32202              |  |
| 136                                                                          | 00             | 00830              | 28100              | 00             | 00790              | 04200              |  | 00                    | 05630              | 12200              |  | 00             | 05630              | 04200              |  |
| 336                                                                          | 03             | 01830              | 20401              | 00             | 00890              | 16300              |  |                       |                    |                    |  | 03             | 01790              | 32314              |  |
| 350                                                                          | 00             | 05630              | 08420              | 00             | 05630              | 10200              |  | 00                    | 05530              | 12100              |  | 00             | 05630              | 04201              |  |
| 368                                                                          | 10             | 00861              | 23301              |                |                    |                    |  |                       |                    |                    |  | 03             | 05530              | 00014              |  |
| 379                                                                          | 10             | 01763              | 16403              | 00             | 01790              | 24313              |  | 00                    | 00790              | 28200              |  | 00             | 05530              | 32202              |  |
| 390                                                                          | 00             | 00790              | 08100              | 00             | 00790              | 06200              |  | 00                    | 05630              | 08200              |  | 00             | 05630              | 24140              |  |
| 382                                                                          | 10             | 05664              | 00004              | 10             | 05661              | 18211              |  | 04                    | 05630              | 00002              |  | 00             | 05630              | 00011              |  |
| 438                                                                          | 00             | 01643              | 06403              |                |                    |                    |  |                       |                    |                    |  | 54             | 01754              | 06414              |  |
| 430                                                                          | 00             | 05630              | 16300              | 00             | 05630              | 18300              |  | 00                    | 00790              | 02100              |  | 00             | 00790              | 02202              |  |
| 409                                                                          | 53             | 00852              | 22313              | 23             | 02863              | 25316              |  | 57                    | 91645              | 04268              |  | 82             | 62745              | 03368              |  |

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.  
 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. Friday 11th July, 1941                                        |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                              | Light variable E to N.E. wind; fine at first, thunderstorms developing later; local fog near East Coast; very warm. |
| 2 E. England ...                            |                                                                                                                     |
| 3 E. Midlands ...                           |                                                                                                                     |
| 4 W. Midlands ...                           |                                                                                                                     |
| 5 S.W. England                              | Light variable wind; cloudy, Thundery rain or thunderstorms cooler than of late.                                    |
| 6 South Wales ...                           |                                                                                                                     |
| 7 North Wales ...                           |                                                                                                                     |
| 8 N.W. England                              |                                                                                                                     |
| 9 N. Midlands ...                           | Light south wind; fine at first, local Thundery rain later; local fog near East Coast; warm.                        |
| 10 N.E. England                             |                                                                                                                     |
| 11 S.E. Scotland                            |                                                                                                                     |
| 12 S.W. Scotland & Isle of Man.             | Light S.-S.W. wind; cloudy; local Thundery rain; average temperature.                                               |
| 13 { A.W. Scotl'd.<br>B.N.W. Scot-<br>land. |                                                                                                                     |
| 14 Mid Scotland                             | As 9-11                                                                                                             |
| 15 N. E. Scotland                           |                                                                                                                     |
| 16 Orkneys and Shetlands                    | Light S. wind; fair apart from some coastal fog; average temperature or rather warm.                                |
| 17 N. W. Ireland                            |                                                                                                                     |
| 18 N. E. Ireland                            | Light S.-S.W. wind, variable cloud; showers and local thunder; average temperature.                                 |
| 19 S. E. Ireland                            |                                                                                                                     |
| 20 S. W. Ireland                            |                                                                                                                     |

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

#### GENERAL INFERENCE.

A trough of low pressure extending from the Hebrides to Cornwall is almost stationary, and a shallow depression over France is moving north. In the West & North there will be variable amounts of cloud with local Thundery rain or thunderstorms. Over most of England & East Scotland weather will be fine at first but Thunderstorms are likely in many districts later. Fog will occur locally near the East Coast. It will be very warm in Great Britain.

#### FURTHER OUTLOOK.

Thundery conditions, especially in the South; Somewhat cooler.

▲▲▲ Cold Front.  
 ▲▲▲ Warm Front  
 ▲▲▲ Occlusion

Forecasts issued at 1030h G.M.T.

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

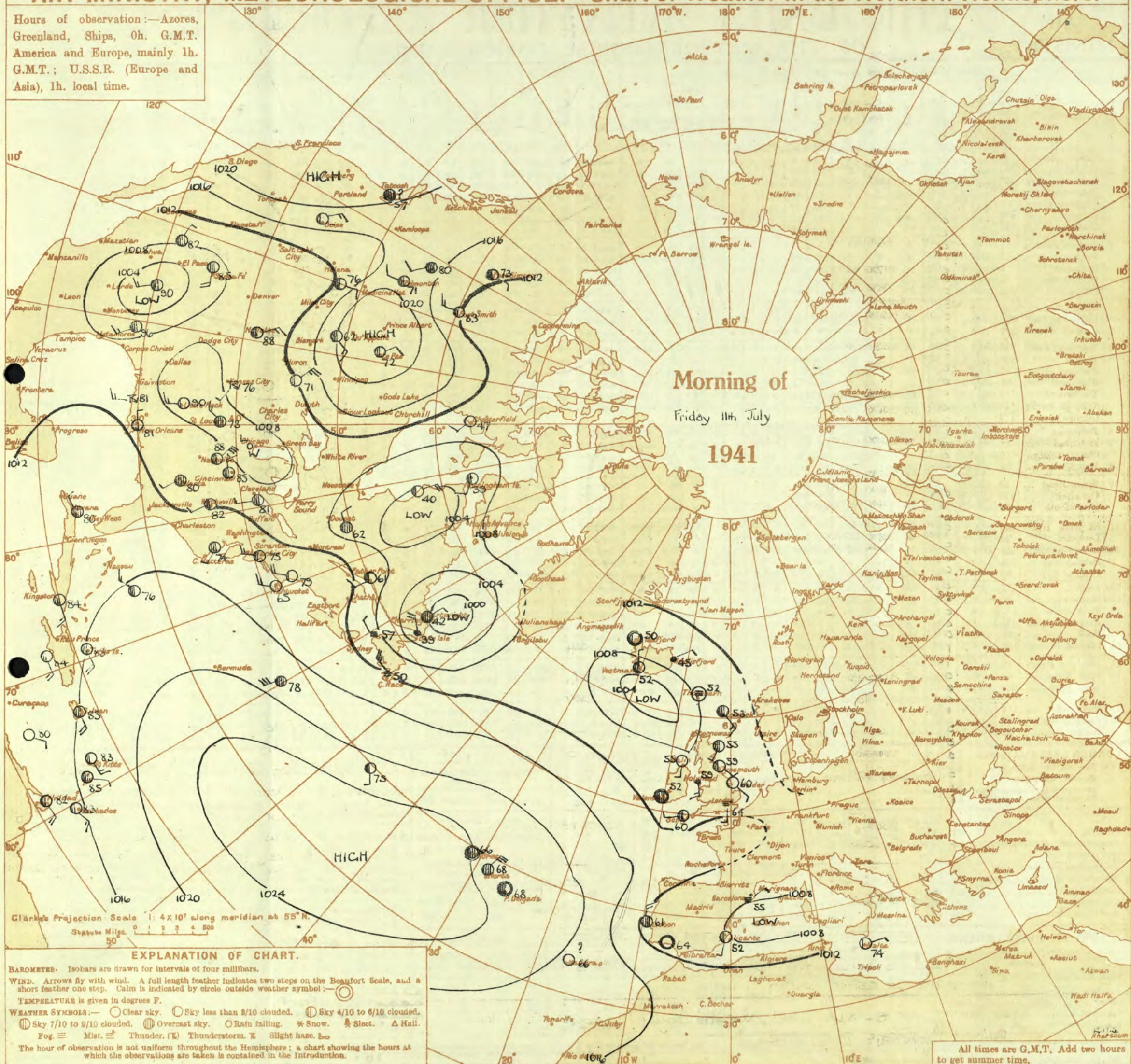
H.M.S.O. Press, Cornwall House, S.E.1.

G. 266. No. 8170. 2. 6034. 6p. 3300 5/41



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 11th July |                             |                              |                      |                    |        |        |          |           |          |             |        |         |                        |        | OBSERVATIONS at 7 hr. G.M.T. 11th July |                      |                    |       |         |          |           |          |             |                        |                     |                       |                   |                |                  | PAST 24 HOURS. |                  |      |      |           |      |               |      |      |
|----------------------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|--------|----------------------------------------|----------------------|--------------------|-------|---------|----------|-----------|----------|-------------|------------------------|---------------------|-----------------------|-------------------|----------------|------------------|----------------|------------------|------|------|-----------|------|---------------|------|------|
| DISTRICT.                              | STATIONS.                   | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |         |                        |        |                                        | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. |         | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud.                 |                     |                       |                   |                | State of Ground. | Sea.           | TEMPERATURE.     |      |      | RAINFALL. |      | SUNSHINE Hrs. |      |      |
|                                        |                             |                              |                      |                    | Direc. | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Direc. | Force.                                 |                      |                    | Form. | Amount. |          |           |          |             | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. |                  |                | Night 18h-7h mm. |      |      |           |      |               |      |      |
|                                        |                             |                              |                      |                    |        |        |          |           |          |             |        |         |                        |        |                                        |                      |                    |       |         |          |           |          |             |                        |                     |                       |                   |                |                  |                |                  | 0-12 | 0-12 | 0-12      | 0-12 |               | 0-9  | 0-9  |
| 1                                      | London (Kew) ... 18         | 217                          | 1010.2               | 0                  | 3      | 2      | h        | 64        | 97       | 4           | -      | -       | -                      | 1008.0 | -8                                     | NE                   | 2                  | Z     | 69      | 75       | 5         | -        | -           | 0                      | 0                   | -                     | 0                 | *              | 85               | 63             | 52               | -    | -    | 12.7      |      |               |      |      |
|                                        | Croydon ... 226             | 1009.8                       | -6                   | 0                  | 0      | 2      | h        | 61        | 85       | 6           | -      | -       | -                      | 1007.8 | -10                                    | NNE                  | 2                  | Z     | 67      | 75       | 6         | -        | -           | 0                      | 0                   | -                     | 0                 | *              | 87               | 60             | 59               | -    | -    | 12.4      |      |               |      |      |
|                                        | S. Farnborough ... 417      | 1010.8                       | 0                    | NW                 | 2      | b      | 57       | 85        | 7        | -           | -      | 2       | 0                      | 1      | -                                      | NNW                  | 1                  | Z     | 64      | 75       | 7         | -        | -           | 0                      | 2.3                 | -                     | 0                 | *              | 86               | 55             | 48               | -    | -    | 12.7      |      |               |      |      |
|                                        | Thorney Island ... 10       | 1009.7                       | -6                   | NW                 | 3      | b      | 56       | 85        | 7        | -           | -      | 1       | 0                      | Tr     | -                                      | NNE                  | 1                  | Z     | 68      | 75       | 6         | -        | -           | 4                      | 5                   | 0                     | 7.6               | 0              | 82               | 54             | 49               | -    | -    | 13.2      |      |               |      |      |
|                                        | Lymington ... 346           | 1009.9                       | -10                  | NNE                | 1      | Z      | 60       | 92        | 6        | -           | -      | 0       | 0                      | -      | -                                      | NNE                  | 2                  | b     | 69      | 75       | 7         | -        | -           | 1                      | 0                   | Tr                    | -                 | 0              | 76               | 55             | 51               | -    | -    | 12.3      |      |               |      |      |
|                                        | Manston ... 154             | 1010.2                       | -6                   | 0                  | 0      | 2      | h        | 56        | 97       | 6           | -      | -       | 0                      | 0      | -                                      | N                    | 2                  | Z     | 66      | 85       | 6         | -        | -           | 4                      | 0                   | Tr                    | -                 | 0              | 78               | 54             | 46               | -    | -    | 12.3      |      |               |      |      |
|                                        |                             |                              |                      |                    |        |        |          |           |          |             |        |         |                        |        | -14                                    | N                    | 2                  | Z     | 66      | 85       | 6         | -        | -           | 4                      | 0                   | Tr                    | -                 | 0              | 79               | 56             | 49               | -    | -    | 13.9      |      |               |      |      |
| 2                                      | Shoeburyness ... 11         | 1010.3                       | -8                   | N                  | 2      | Z      | 59       | 97        | 6        | -           | -      | 0       | 0                      | -      | 1009.2                                 | -8                   | NW                 | 2     | b       | 68       | 85        | 6        | -           | -                      | 1                   | 0                     | 1                 | 0              | *                | 72             | 63               | 53   | -    | -         | 11.5 |               |      |      |
|                                        | Felixstowe ... 15           | 1011.5                       | -6                   | 0                  | 0      | Z      | 60       | 92        | 6        | -           | -      | 0       | 0                      | -      | 1008.8                                 | -4                   | NE                 | 2     | Z       | 68       | 75        | 6        | -           | -                      | 1                   | 0                     | Tr                | -              | 0                | 73             | 57               | 55   | -    | -         | 11.4 |               |      |      |
|                                        | Gorleston ... 19            | 1010.3                       | -4                   | SE                 | 1      | Z      | 62       | 85        | 6        | -           | -      | 0       | 0                      | -      | 1009.7                                 | -4                   | N                  | 2     | b       | 66       | 85        | 6        | -           | -                      | 0                   | 0                     | -                 | 0              | *                | 68             | 58               | 50   | -    | -         | 10.6 |               |      |      |
|                                        | Mildenhall ... 240          | 1010.5                       | -2                   | SE                 | 2      | Z      | 61       | 85        | 6        | -           | -      | 1       | 0                      | 1      | -                                      | NE                   | 1                  | Z     | 63      | 85       | 6         | -        | -           | 0                      | 0                   | -                     | 0                 | *              | 83               | 55             | 50               | -    | -    | 10.6      |      |               |      |      |
|                                        | Cranwell ... 240            | 1010.5                       | -2                   | SE                 | 2      | Z      | 61       | 85        | 6        | -           | -      | 1       | 0                      | 1      | -                                      | E                    | 2                  | Z     | 65      | 85       | 6         | -        | -           | 0                      | 0                   | -                     | 0                 | *              | 81               | 57             | 54               | -    | -    | 11.1      |      |               |      |      |
| 3                                      | Birmingham ... 535          | 1010.0                       | -4                   | NW                 | 2      | b      | 64       | 65        | 7        | -           | -      | 1       | 0                      | Tr     | 1009.6                                 | 0                    | N                  | 1     | Z       | 61       | 85        | 5        | -           | -                      | 1                   | 0                     | 2.3               | -              | 0                | 81             | 58               | 48   | -    | -         | 13.0 |               |      |      |
|                                        | Upper Heyford ... 408       | 1010.0                       | -4                   | NW                 | 2      | b      | 64       | 65        | 7        | -           | -      | 1       | 0                      | Tr     | 1008.6                                 | -6                   | NW                 | 1     | Z       | 66       | 75        | 6        | -           | -                      | 2                   | 0                     | 4.6               | -              | 0                | 85             | 59               | 55   | -    | -         | 12.3 |               |      |      |
| 4                                      | Ross-on-Wye ... 223         | 1010.0                       | -4                   | NW                 | 2      | b      | 64       | 65        | 7        | -           | -      | 1       | 0                      | Tr     | 1009.6                                 | -6                   | NNW                | 2     | bc      | 60       | 85        | 7        | -           | -                      | 8                   | 2                     | 0                 | 2.3            | -                | 0              | 80               | 53   | 47   | -         | -    | 12.3          |      |      |
| 5                                      | Hartland Point ... 299      | 1010.5                       | -6                   | E                  | 1      | c      | 60       | 92        | 8        | 5           | 4      | -       | 4.6                    | 94     | 1008.5                                 | -4                   | NNE                | 2     | r       | 58       | 97        | 7        | 5           | 7                      | -                   | 4.6                   | 94                | 500            | 1                | 3              | 67               | 57   | 54   | -         | 5    | 12.7          |      |      |
|                                        | Bristol ... 209             | 1011.0                       | -2                   | 0                  | bc     | 56     | 92       | 7         | -        | 4           | 1      | 0       | 2.3                    | -      | 1008.9                                 | -12                  | NW                 | 2     | Z       | 63       | 75        | 7        | -           | 3                      | 1                   | 0                     | 2.3               | -              | 0                | 75             | 53               | -    | -    | -         | 13.8 |               |      |      |
|                                        | Portland Bill ... 32        | 1009.2                       | +10                  | NW                 | 1      | b      | 60       | 85        | 8        | -           | -      | 0       | 0                      | -      | 1007.4                                 | -4                   | NE                 | 2     | C       | 62       | 85        | 8        | 4           | 2                      | -                   | 7.8                   | 10                | 2500           | 0                | 2              | 66               | 56   | -    | -         | -    | 13.8          |      |      |
|                                        | Plymouth ... 82             | 1010.2                       | -8                   | 0                  | c      | 61     | 85       | 8         | -        | 3           | -      | 0       | 94                     | -      | 1008.0                                 | -10                  | NNW                | 2     | C       | 62       | 85        | 8        | 1           | 7                      | -                   | 2.3                   | 94                | 5000           | 0                | 2              | 67               | 60   | 55   | -         | -    | 12.7          |      |      |
|                                        | The Lizard ... 240          | 1010.4                       | -8                   | NNE                | 2      | c/r    | 59       | 92        | 8        | 8           | 2      | -       | 7.8                    | 10     | 1008.4                                 | -6                   | NNE                | 2     | r       | 59       | 97        | 8        | 5           | -                      | -                   | 10                    | 10                | 1500           | 1                | 3              | 69               | 58   | -    | -         | 0.5  | 11.6          |      |      |
|                                        | Scilly (St. Mary's) ... 163 | 1010.2                       | -6                   | WSW                | 1      | c      | 60       | 92        | 7        | 8           | 7      | -       | 7.8                    | 10     | 1008.5                                 | -4                   | NE                 | 2     | c/r     | 59       | 97        | 7        | 5           | 7                      | -                   | 7.8                   | 10                | 1500           | 1                | 3              | 70               | 58   | -    | -         | 3    | 8.7           |      |      |
|                                        | Guernsey ... 175            | 1010.2                       | -6                   | WSW                | 1      | c      | 60       | 92        | 7        | 8           | 7      | -       | 7.8                    | 10     | 1008.5                                 | -4                   | NE                 | 2     | c/r     | 59       | 97        | 7        | 5           | 7                      | -                   | 7.8                   | 10                | 1500           | 1                | 3              | 70               | 58   | -    | -         | 3    | 8.7           |      |      |
| 6                                      | Pembroke ... 142            | 1011.7                       | 0                    | ENE                | 1      | c/r    | 59       | 97        | 7        | 8           | -      | -       | 94                     | 94     | 1500                                   | 1009.3               | -2                 | NE    | 2       | C        | 58        | 97       | 7           | 8                      | -                   | -                     | 94                | 94             | 2000             | 1              | 2                | 64   | 57   | -         | -    | 2             | 9.6  |      |
| 7                                      | Holyhead (Volley) ... 26    | 1010.6                       | +2                   | S                  | 3      | r      | 59       | 97        | 7        | 5           | -      | -       | 10                     | 10     | 2000                                   | 1010.0               | -10                | N     | 1       | r        | 60        | 65       | 7           | 5                      | 2                   | -                     | 7.8               | 10             | 3000             | 1              | 1                | 69   | 57   | 54        | -    | -             | 0.5  | 13.6 |
|                                        | Chester (Sealand) ... 16    | 1011.1                       | -2                   | 0                  | Z      | 52     | 92       | 6         | -        | 4           | -      | 0       | 2.3                    | -      | 1008.7                                 | -6                   | WNW                | 2     | Z       | 64       | 75        | 6        | -           | 4                      | -                   | 0                     | 2.3               | -              | 0                | 70             | 53               | 47   | -    | -         | -    | 13.6          |      |      |
| 8                                      | Manchester ... 70           | 1011.2                       | +2                   | NNW                | 1      | Z      | 52       | 92        | 6        | -           | 3      | -       | 0                      | 2.3    | -                                      | 1010.1               | -6                 | NE    | 1       | m        | 59        | 85       | 4           | 5                      | -                   | -                     | 2.3               | 2.3            | 5000             | 0              | 0                | 81   | 48   | 44        | -    | -             | -    | 13.3 |
| 10                                     | Spurn Head ... 29           | 1010.8                       | -4                   | SE                 | 2      | Z      | 60       | 92        | 6        | -           | -      | 1       | 0                      | Tr     | 1010.6                                 | -2                   | NE                 | 2     | b       | 60       | 85        | 7        | -           | -                      | 0                   | 0                     | -                 | 0              | 1                | 78             | 53               | 48   | -    | -         | -    | 12.3          |      |      |
|                                        | Catterick ... 175           | 1011.2                       | +6                   | 0                  | Z      | 57     | 92       | 6         | -        | -           | 0      | 0       | -                      | 1011.3 | +2                                     | NNW                  | 1                  | b     | 61      | 75       | 7         | -        | -           | 0                      | 0                   | -                     | 0                 | 1              | 78               | 53             | 48               | -    | -    | -         | 12.3 |               |      |      |
|                                        | Tynemouth ... 108           | 1011.5                       | +2                   | SE                 | 1      | bc     | 59       | 92        | 6        | -           | 3      | -       | 0                      | 4.6    | -                                      | 1012.5               | +6                 | N     | 3       | bc       | 58        | 85       | 6           | -                      | 2                   | -                     | 0                 | 2.3            | -                | 0              | 2                | 61   | 57   | 51        | -    | -             | -    | 12.3 |
| 11                                     | St. Abbs Head ... 280       | 1011.8                       | +18                  | SW                 | 3      | bc     | 58       | 85        | 8        | 4           | 4      | -       | 2.3                    | 4.6    | 2500                                   | 1011.0               | 0                  | W     | 4       | bc       | 61        | 75       | 9           | 7                      | 4                   | 9                     | 4.6               | 4.6            | 2500             | 0              | 1                | 65   | 57   | -         | -    | -             | 15.3 |      |
|                                        | Leuchars ... 36             | 1010.2                       | 0                    | 0                  | bc     | 53     | 97       | 6         | 5        | 3           | -      | 1       | 4.6                    | 450    | 1011.2                                 | +6                   | 0                  | Z     | 56      | 92       | 6         | -        | 3           | -                      | 0                   | 4.6                   | -                 | 0              | 0                | 69             | 51               | 48   | -    | -         | -    | 15.3          |      |      |
| 12                                     | Renfrew (Abbots I.) ... 19  | 1010.3                       | +2                   | 0                  | C      | 60     | 85       | 7         | 5        | 3           | -      | 1       | 7.8                    | 3000   | 1011.3                                 | +6                   | SE                 | 2     | c/r     | 60       | 85        | 6        | -           | 7                      | -                   | 0                     | 94                | -              | 0                | 71             | 54               | 45   | -    | -         | Tr   | 9.8           |      |      |
|                                        | Eskdalemuir ... 794         | 1010.9                       | +4                   | SW                 | 3      | C      | 56       | 97        | 6        | 5           | 4      | -       | 2.3                    | 7.8    | 4000                                   | 1011.7               | +4                 | 0     | c/r     | 54       | 97        | 6        | 5           | -                      | -                   | 9                     | 9                 | 1500           | 0                | 1              | 70               | 43   | 39   | -         | -    | Tr            | 14.4 |      |
|                                        | Point of Ayre ... 30        | 1010.9                       | +4                   | SW                 | 3      | C      | 56       | 97        | 6        | 5           | 4      | -       | 2.3                    | 7.8    | 4000                                   | 1010.6               | +2                 | ESE   | 2       | C        | 57        | 97       | 8           | 5                      | -                   | -                     | 94                | 94             | 4000             | 0              | 1                | 67   | 55   | -         | -    | 0.1           | 14.3 |      |
| 13A                                    | Tiree ... 22                | 1008.3                       | +18                  | SSE                | 3      | C      | 54       | 92        | 7        | 5           | 4      | -       | 94                     | 94     | 1500                                   | 1009.3               | +6                 | S     | 3       | bc       | 57        | 92       | 8           | 5                      | 3                   | -                     | 2.3               | 4.6            | 2500             | 0              | 3                | 60   | 57   | -         | -    | 0.3           | 1.0  |      |
| 13B                                    | Stornoway ... 80            | 1008.5                       | +12                  | S                  | 4      | C      | 54       | 92        | 7        | 5           | 7      | -       | 9                      | 10     | 1500                                   | 1009.7               | +6                 | S     | 4       | C        | 55        | 92       | 8           | 5                      | 4                   | -                     | 4.6               | 94             | 2500             | 1              | 3                | 65   | 53   | -         | -    | 0.4           | 3.0  |      |
| 15                                     | Dalwhinnie ... 1176         | 1011.0                       | +2                   | S                  | 2      | Z      | 60       | 65        | 6        | 4           | 6      | -       | 4.6                    | 7.8    | 1500                                   | 1011.0               | +2                 | S     | 2       | Z        | 60        | 65       | 6           | 4                      | 6                   | -                     | 4.6               | 7.8            | 1500             | 0              | 1                | 72   | 54   | 47        | -    | -             | -    | 9.7  |
|                                        | Aberdeen ... 79             | 1009.5                       | +4                   | S'E                | 2      | C      | 54       | 97        | 6        | 5           | 7      | -       | 2.3                    | 7.8    | 5700                                   | 1011.1               | +4                 | S     | 1       | b        | 58        | 85       | 7           | -                      | 2                   | 0                     | 1                 | -              | 0                | 1              | 64               | 52   | 44   | -         | -    | -             | 11.4 |      |
|                                        | Wick ... 102                | 1009.5                       | +4                   | S'E                | 2      | C      | 54       | 97        | 6        | 5           | 7      | -       | 2.3                    | 7.8    | 5700                                   | 1011.1               | +4                 | S     | 1       | b        | 58        | 85       | 7           | -                      | 2                   | 0                     | 1                 | -              | 0                | 1              | 64               | 52   | 44   | -         | -    | -             | 11.4 |      |
| 16                                     | Lerwick Sumburgh ... 156    | 1010.9                       | -10                  | ENE                | 3      | Z      | 55       | 97        | 6        | 5           | -      | 2       | 2.3                    | 2.3    | 3100                                   | 1011.2               | +4                 | S     | 3       | bc       | 57        | 85       | 8           | -                      | 3                   | 4                     | 0                 | 4.6            | -                | 0              | 61               | 52   | 48   | -         | -    | -             | 11.4 |      |
|                                        |                             |                              |                      |                    |        |        |          |           |          |             |        |         |                        |        |                                        |                      |                    |       |         |          |           |          |             |                        |                     |                       |                   |                |                  |                |                  |      |      |           |      |               |      |      |
| 17                                     | Blacksod Point ... 18       | 1007.3                       | +4                   | SSW                | 3      | C      | 56       | 85        | 7        | 5           | -      | -       | 7.8                    | 7.8    | 2500                                   | 1008.8               | +8                 | WSW   | 3       | C        | 56        | 85       | 8           | 3                      | 5                   | 4                     | 4.6               | 9              | 2500             | 0              | 3                | 62   | 54   | -         | -    |               |      |      |



SECRET

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AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Saturday 12th July 1941  
No. 29,087

| OBSERVATIONS at 13h. G.M.T. 11th July |                                      |                               |                       |       |  |          |              |             |                    |        |  |  |  | OBSERVATIONS at 18h. G.M.T. 11th July |                               |                       |       |  |          |              |             |                    |        |  |  |  |  | PAST 24 HOURS.                |                       |       |  |          |              |             |                    |        |  |  |  |  |                               |                       |       |  |          |              |             |                    |        |  |  |  |  |                               |                       |       |  |          |              |             |                    |        |  |  |  |  |                               |                       |       |  |          |              |             |                    |        |  |  |  |  |                               |                       |       |  |          |              |             |                    |        |  |  |  |  |                               |                       |       |  |          |           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| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |                                       | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |  | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |  |  |  |  |

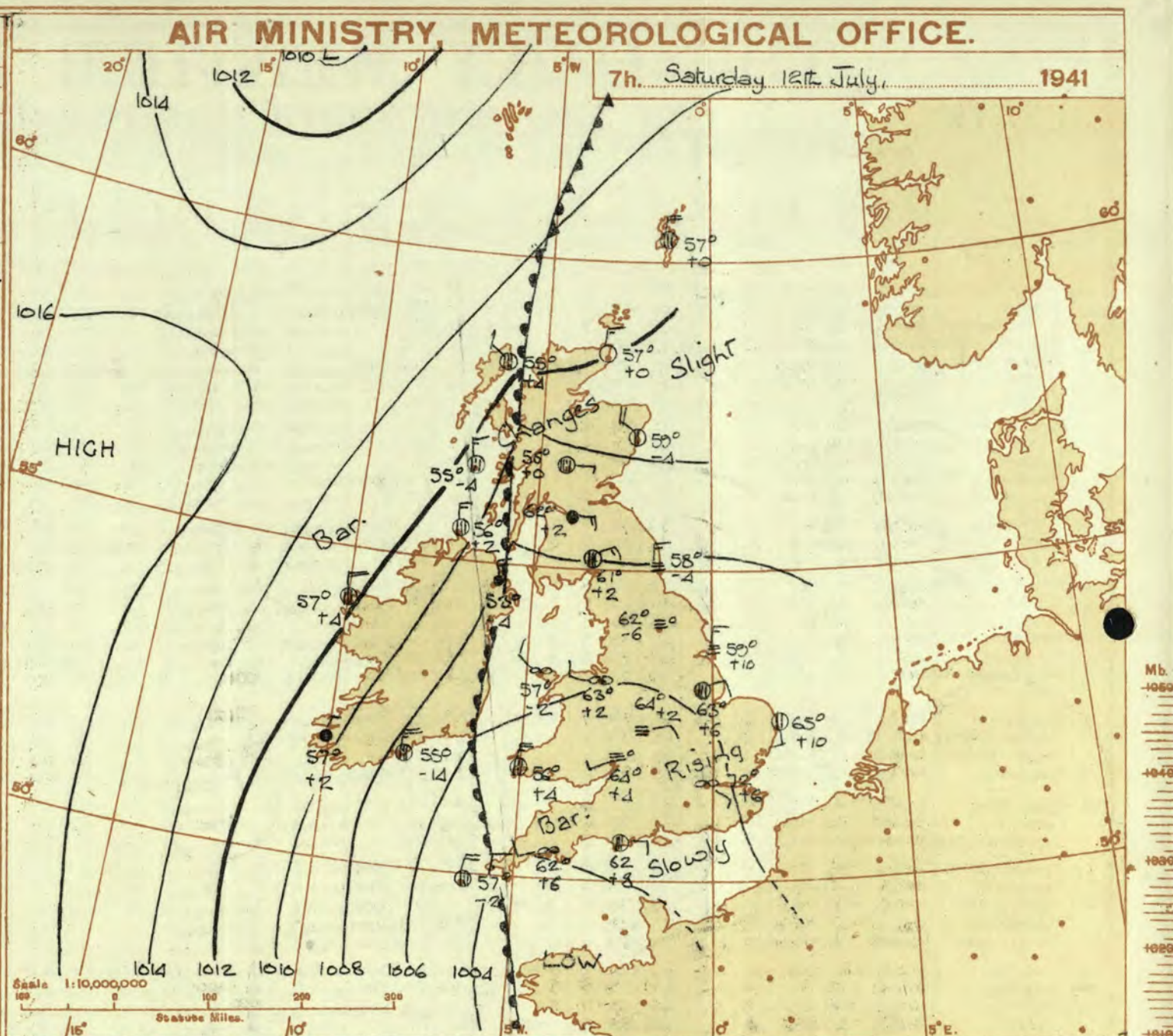
## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

## COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |       |       |                |       |       |                |                       |       |                |       |
|------------------------------------------------------------------------------|----------------|-------|-------|----------------|-------|-------|----------------|-----------------------|-------|----------------|-------|
| 13h. G.M.T. 11th July                                                        |                |       |       | 18h. G.M.T.    |       |       |                | 01h. G.M.T. 12th July |       |                |       |
| III                                                                          | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN                 | DDFWN | C <sub>u</sub> | wwVhN |
| 109                                                                          | 07             | 61700 | 00027 | 07             | 01790 | 00023 | 8-             | 02756                 | 26106 | 07             | 00890 |
| 115                                                                          | 52             | 81914 | 20287 | 52             | 02944 | 20187 | 53             | 02844                 | 12267 | 87             | 02944 |
| 203                                                                          |                |       |       | 5-             | 61938 | 16328 |                |                       |       |                |       |
| 208                                                                          | 87             | 25864 | 10287 | 87             | 02963 | 32127 | 53             | 02862                 | 00027 | 87             | 02864 |
| 210                                                                          |                |       |       | 04             | 02890 | 02223 | 03             | 01890                 | 01314 | 57             | 02855 |
| 220                                                                          |                |       |       |                |       |       |                |                       |       |                |       |
| 230                                                                          | 62             | 62637 | 22168 | 52             | 02856 | 24368 | 57             | 02865                 | 28267 | 27             | 01751 |
| 245                                                                          | 08             | 00800 | 00312 | 00             | 01890 | 06213 | 04             | 05690                 | 20111 | 8-             | 02766 |
| 260                                                                          | 57             | 02764 | 04167 | 00             | 00790 | 04100 | 53             | 05555                 | 08118 | 5-             | 05538 |
| 277                                                                          |                |       |       |                |       |       |                |                       |       |                |       |
| 279                                                                          | 13             | 02852 | 28325 | 00             | 00690 | 06402 |                |                       |       | 13             | 00761 |
| 285                                                                          | 50             | 01654 | 12414 |                |       |       |                |                       |       | 13             | 00761 |
| 288                                                                          |                |       |       | 50             | 05644 | 03314 | 5-             | 57338                 | 32158 | --             | 57109 |
| 273                                                                          |                |       |       |                |       |       |                |                       |       |                |       |
| 301                                                                          | 5-             | 05674 | 20514 | 5-             | 05673 | 29514 | 5-             | 22645                 | 00065 | 00             | 05590 |
| 321                                                                          | 00             | 00790 | 03300 | 04             | 05690 | 04403 | 5-             | 08448                 | 29218 | 5-             | 42418 |
| 299                                                                          | 50             | 05690 | 28300 | 50             | 05553 | 28313 |                |                       |       | --             | 46109 |
| 292                                                                          | 00             | 00890 | 04301 | 04             | 05690 | 04201 | --             | 48209                 | 28349 | 5-             | 05528 |
| 310                                                                          | --             | 01643 | 32412 |                |       |       |                |                       |       | --             | 46109 |
| 316                                                                          | 00             | 05690 | 04401 | 08             | 01790 | 06415 | 01             | 08490                 | 04315 | 5-             | 43318 |
| 333                                                                          | 57             | 02864 | 01467 | 57             | 63764 | 30467 | 5-             | 02665                 | 28565 | 9-             | 28757 |
| 334                                                                          |                |       |       | --             | 05665 | 18317 |                |                       |       | --             | 03547 |
| 340                                                                          | 03             | 05690 | 28314 | 07             | 01790 | 28314 | 57             | 05644                 | 30298 | 5-             | 05547 |
| 13600                                                                        | 00             | 00890 | 04400 |                |       |       | 53             | 05574                 | 06115 | 09             | 05690 |
| 336                                                                          | 53             | 01762 | 32315 |                |       |       |                |                       |       | 52             | 05653 |
| 350                                                                          | 03             | 05690 | 04302 | 3-             | 05664 | 06214 | 07             | 05590                 | 04204 |                |       |
| 308                                                                          | 57             | 05674 | 19228 |                |       |       |                |                       |       |                |       |
| 379                                                                          | 00             | 01790 | 14303 | 37             | 93655 | 22198 | 00             | 05690                 | 32300 | --             | 44209 |
| 390                                                                          | 8-             | 01764 | 08114 | 30             | 01763 | 12114 | 03             | 47330                 | 10215 | 04             | 08490 |
| 382                                                                          | 00             | 05690 | 05201 | 9-             | 28666 | 28196 | 03             | 08490                 | 20192 | 00             | 45390 |
| 438                                                                          | 70             | 01753 | 04313 |                |       |       |                |                       |       | 55             | 01653 |
| 430                                                                          | 5-             | 02776 | 16116 | 08             | 05790 | 00014 | 04             | 05690                 | 30112 | 08             | 05690 |
| 409                                                                          | 57             | 01851 | 01327 | 53             | 01743 | 31364 | 5-             | 03628                 | 01328 | 5-             | 02647 |

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> - 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. Saturday 12th July 1941                                                                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Light S.E. or variable wind; fine at first, widespread thunderstorms developing later today, severe locally; local fog near coast and inland in the early morning; very warm and close except on East Coast.                |
| 2 E. England ...                           |                                                                                                                                                                                                                             |
| 3 E. Midlands ...                          |                                                                                                                                                                                                                             |
| 4 W. Midlands ...                          |                                                                                                                                                                                                                             |
| 5 S.W. England                             | Wind moderate, northerly in West, variable light in the East; cloudy, with occasional slight rain in the West; fair at first in the East; thunderstorms developing later today; local fog in early morning; warm and close. |
| 6 South Wales ...                          |                                                                                                                                                                                                                             |
| 7 North Wales ...                          |                                                                                                                                                                                                                             |
| 8 N.W. England                             | Light easterly wind, variable cloud; local Thunderstorms later today; fog near the East Coast, and inland in the early morning; warm and close except on the East Coast.                                                    |
| 9 N. Midlands ...                          |                                                                                                                                                                                                                             |
| 10 N.E. England                            |                                                                                                                                                                                                                             |
| 11 S.E. Scotland                           |                                                                                                                                                                                                                             |
| 12 S.W. Scotland & Isle of Man.            | Light easterly wind; cloudy; Thundery rain or Thunderstorms; rather warm and close.                                                                                                                                         |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                                                                                                                                             |
| 14 Mid Scotland                            |                                                                                                                                                                                                                             |
| 15 N.E. Scotland                           |                                                                                                                                                                                                                             |
| 16 Orkneys and Shetlands                   | Light S.E. wind; variable cloud; Showers; local thunder; fog patches on coasts; rather warm and close.                                                                                                                      |
| 17 N.W. Ireland                            |                                                                                                                                                                                                                             |
| 18 N.E. Ireland                            | Light or moderate N. wind; cloudy; Thundery rain; average temperature.                                                                                                                                                      |
| 19 S.E. Ireland                            |                                                                                                                                                                                                                             |
| 20 S.W. Ireland                            |                                                                                                                                                                                                                             |

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

**GENERAL INFERENCE.**

A shallow depression covering England, Wales and France is spreading slowly north. There will be rather persistent rain in Ireland, with local thunderstorms. In Southern districts and the Midlands weather will be fine at first, but thunderstorms will be widespread later. In the North there will be local thundery rain at first and more general thunderstorms later. Fog will persist locally near the east coasts of England & Scotland. It will be very warm except locally near the East Coast.

**FURTHER OUTLOOK.**

Unsettled generally, with thundery rain in most districts, especially in the South.

▲▲▲▲ Cold Front  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion

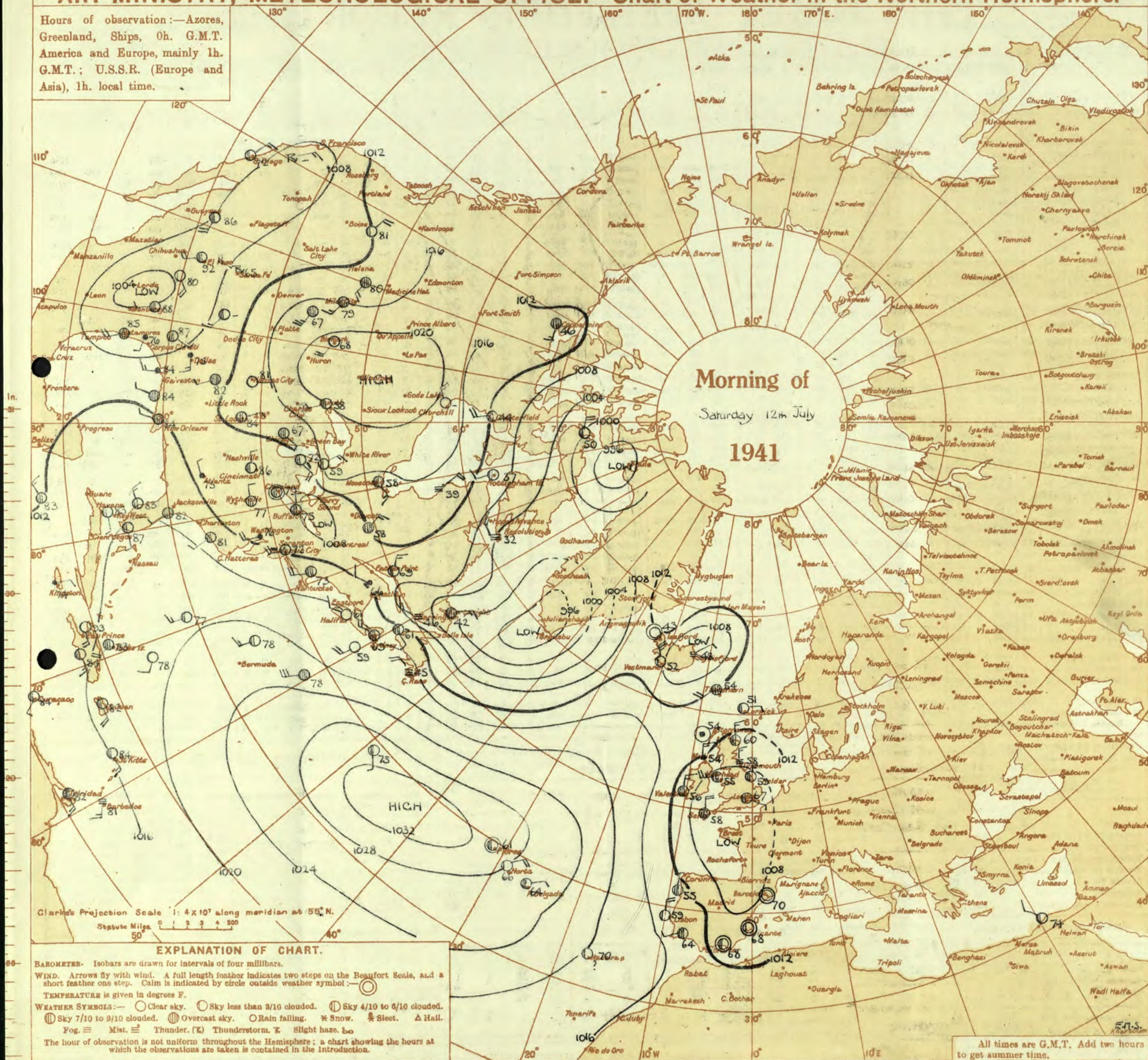
Forecasts issued at 1030h G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.

H.M.S.O. Press, Cornwall House, S.E.1. G. 266. No. 0176. 0. 0034. 0. 949. 3300. 5/41



# 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 July |                             |                              |                      |                    |       |        |          |           |          |             |        |         |                        | OBSERVATIONS at 7 hr. G.M.T. 12th July |                      |                    |        |       |          |           |          |             |         |                        |                     |                       |                  | 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. 0-9       | TEMPERATURE.      |                |                  | RAINFALL. |      | SUNSHINE 11h. Hrs. |      |      |      |
|                                        |                             |                              |                      |                    | Dir.  | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Dir.                                   |                      |                    | Force. | Form. |          |           |          |             | Amount. | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. |                  |                | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |           |      |                    |      |      |      |
|                                        |                             |                              |                      |                    |       |        |          |           |          |             |        |         |                        |                                        |                      |                    |        |       |          |           |          |             |         |                        |                     |                       |                  |                |                   |                |                  | 0-12      | 0-10 |                    | 0-10 | 0-10 | 0-10 |
| 1                                      | London (Kew) ... 18         | 217                          | 1004.6               | +2                 | SE    | 2      | 20       | 67        | 85       | 5           | 2      | 0       | 4-6                    | -                                      | 1005.9               | +10                | SE     | 1     | 20       | 71        | 75       | 6           | 5       | 1                      | 1                   | 4000                  | 0                | 83             | 63                | 54             | -                | -         | 10.6 |                    |      |      |      |
|                                        | Croydon ... 226             | 1004.8                       | 1004.8               | +6                 | SE    | 1      | 20       | 65        | 92       | 6           | 2      | 0       | 4-6                    | -                                      | 1005.5               | +6                 | SE     | 1     | 20       | 72        | 75       | 6           | 5       | 1                      | 1                   | 4000                  | 0                | 88             | 61                | 60             | -                | -         | 12.3 |                    |      |      |      |
|                                        | S. Farnborough ... 417      | 1004.9                       | 1004.9               | +2                 | SE    | 1      | 20       | 64        | 97       | 5           | 2      | 0       | 4-6                    | -                                      | 1005.7               | +10                | SE     | 1     | 20       | 68        | 75       | 6           | 5       | 2                      | 0                   | 4-6                   | -                | 81             | 61                | 58             | -                | -         | 11.0 |                    |      |      |      |
|                                        | Boscombe Down ... 10        | 1004.8                       | 1004.8               | +6                 | SE    | 1      | 20       | 64        | 92       | 6           | 4      | 0       | 2-3                    | -                                      | 1005.8               | +8                 | SE     | 1     | 20       | 63        | 97       | 3           | 5       | 1                      | 10                  | 4150                  | 1                | 84             | 60                | 58             | 2                | -         | 6.8  |                    |      |      |      |
|                                        | Thorney Island ... 346      | 1004.8                       | 1004.8               | +6                 | SE    | 1      | 20       | 64        | 92       | 6           | 4      | 0       | 2-3                    | -                                      | 1005.5               | +6                 | SE     | 2     | 20       | 66        | 85       | 6           | 5       | 3                      | 0                   | 4-6                   | -                | 75             | 60                | 59             | 2                | -         | 11.8 |                    |      |      |      |
|                                        | Lymington ... 154           | 1006.2                       | 1006.2               | +4                 | SE    | 1      | 20       | 63        | 97       | 6           | 1      | 1       | 2-3                    | 3500                                   | 1007.1               | +10                | SE     | 1     | 20       | 68        | 85       | 6           | 5       | 2                      | 0                   | 4-6                   | -                | 87             | 61                | 55             | -                | -         | 11.8 |                    |      |      |      |
|                                        | Manston ... 154             | 1005.4                       | 1005.4               | +10                | SE    | 1      | 20       | 67        | 85       | 6           | 3      | 0       | 4-6                    | -                                      | 1006.0               | +10                | SE     | 2     | 20       | 69        | 85       | 6           | 5       | 3                      | 1                   | 0                     | 2-3              | 0              | 73                | 63             | 60               | -         | -    | 12.1               |      |      |      |
| 2                                      | Shoeburyness ... 11         | 1005.2                       | 1005.2               | +2                 | ESE   | 2      | 20       | 66        | 85       | 6           | 7      | 0       | 9                      | -                                      | 1006.4               | +8                 | SE     | 1     | 20       | 72        | 85       | 6           | 5       | 2                      | 0                   | 4-6                   | -                | 79             | 66                | 56             | -                | -         | 12.3 |                    |      |      |      |
|                                        | Felixstowe ... 15           | 1006.2                       | 1006.2               | +8                 | ESE   | 2      | 20       | 63        | 92       | 6           | 6      | 0       | 10                     | 2500                                   | 1005.6               | +6                 | SSW    | 1     | 20       | 69        | 85       | 6           | 5       | 3                      | 0                   | 2-3                   | -                | 79             | 64                | 63             | -                | -         | 13.4 |                    |      |      |      |
|                                        | Gorleston ... 19            | 1004.8                       | 1004.8               | +2                 | ESE   | 1      | 20       | 67        | 85       | 5           | 4      | 8       | 0                      | 4-6                                    | -                    | 1005.5             | +10    | SE    | 2        | 20        | 65       | 85          | 5       | 5                      | 7                   | 0                     | 4-6              | 1500           | 0                 | 70             | 63               | 61        | -    | -                  | 13.1 |      |      |
|                                        | Mildenhall ... 240          | 1005.3                       | 1005.3               | -6                 | NW    | 2      | 20       | 61        | 92       | 2           | 7      | 0       | 7-8                    | -                                      | 1005.7               | +6                 | NE     | 2     | 20       | 67        | 85       | 6           | 5       | 3                      | 0                   | 7-8                   | 600              | 0              | 84                | 59             | 59               | -         | -    | 13.3               |      |      |      |
| 3                                      | Birmingham ... 535          | 1004.6                       | 1004.6               | -2                 | SE    | 2      | 20       | 66        | 97       | 5           | 0      | 0       | 0                      | -                                      | 1005.4               | +2                 | ENE    | 2     | 20       | 64        | 97       | 2           | 0       | 0                      | 0                   | 10                    | 10               | 4150           | 1                 | 86             | 63               | 61        | -    | -                  | 9.8  |      |      |
|                                        | Upper Heyford ... 408       | 1004.6                       | 1004.6               | -2                 | SE    | 2      | 20       | 66        | 97       | 5           | 0      | 0       | 0                      | -                                      | 1005.3               | +6                 | NE     | 1     | 20       | 66        | 92       | 2           | 0       | 0                      | 0                   | 10                    | 10               | 4150           | 1                 | 87             | 64               | 60        | -    | -                  | 12.4 |      |      |
| 4                                      | Ross-on-Wye ... 223         | 1005.5                       | 1005.5               | +4                 | SW    | 1      | 20       | 64        | 97       | 4           | 5      | 0       | 0                      | -                                      | 1005.5               | +4                 | SW     | 1     | 20       | 64        | 97       | 4           | 5       | 0                      | 0                   | 10                    | 10               | 450            | 1                 | 83             | 62               | 60        | -    | -                  | 7.1  |      |      |
| 5                                      | Hartland Point ... 299      | 1004.2                       | 1004.2               | -14                | NNE   | 3      | 20       | 58        | 97       | 6           | 5      | 0       | 9                      | 1500                                   | 1004.5               | +4                 | NNE    | 2     | 20       | 60        | 92       | 6           | 5       | 7                      | 0                   | 2-3                   | 4-6              | 800            | 0                 | 69             | 57               | 56        | 0.2  | -                  | 2.2  |      |      |
|                                        | Bristol ... 209             | 1004.9                       | 1004.9               | -2                 | W     | 0      | 20       | 65        | 92       | 5           | 7      | 0       | 9                      | -                                      | 1005.4               | +4                 | ENE    | 1     | 20       | 66        | 92       | 5           | 5       | 0                      | 0                   | 7-8                   | 7-8              | 2500           | 0                 | 82             | 61               | 53        | -    | -                  | 5.4  |      |      |
|                                        | Portland Bill ... 32        | 1004.6                       | 1004.6               | -6                 | W     | 2      | 20       | 59        | 85       | 8           | 0      | 0       | 0                      | -                                      | 1005.2               | +8                 | E      | 2     | 20       | 62        | 92       | 8           | 5       | 0                      | 0                   | 7-8                   | 7-8              | 2500           | 0                 | 67             | 56               | 50        | -    | -                  | 1.7  |      |      |
|                                        | Plymouth ... 82             | 1004.7                       | 1004.7               | -2                 | W     | 0      | 20       | 59        | 97       | 8           | 4      | 0       | 0                      | -                                      | 1004.8               | +6                 | WSW    | 2     | 20       | 62        | 92       | 6           | 8       | 3                      | 0                   | 2-3                   | 7-8              | 3000           | 0                 | 72             | 58               | 55        | -    | -                  | 3.2  |      |      |
|                                        | The Lizard ... 240          | 1004.4                       | 1004.4               | -8                 | NNE   | 4      | 20       | 58        | 97       | 7           | 8      | 0       | 4-6                    | 2500                                   | 1003.9               | 0                  | NNE    | 3     | 20       | 60        | 92       | 7           | 8       | 6                      | 0                   | 4-6                   | 4-6              | 2500           | 0                 | 67             | 57               | 50        | -    | -                  | 0.2  |      |      |
|                                        | Scilly (St. Mary's) ... 163 | 1005.9                       | 1005.9               | -8                 | NNE   | 4      | 20       | 58        | 97       | 7           | 5      | 0       | 10                     | 1500                                   | 1004.6               | -2                 | NNE    | 4     | 20       | 57        | 97       | 7           | 5       | 2                      | 0                   | 7-8                   | 10               | 1500           | 1                 | 60             | 57               | 50        | 0.4  | 2                  | 0.0  |      |      |
|                                        | Guernsey ... 175            | 1005.9                       | 1005.9               | -8                 | NNE   | 4      | 20       | 58        | 97       | 7           | 5      | 0       | 10                     | 1500                                   | 1004.6               | -2                 | NNE    | 4     | 20       | 57        | 97       | 7           | 5       | 2                      | 0                   | 7-8                   | 10               | 1500           | 1                 | 60             | 57               | 50        | 0.4  | 2                  | 0.0  |      |      |
| 6                                      | Pembroke ... 142            | 1004.9                       | 1004.9               | -6                 | NNE   | 6      | 20       | 55        | 97       | 7           | 8      | 0       | 9                      | 2500                                   | 1005.5               | +4                 | NNE    | 5     | 20       | 56        | 97       | 7           | 8       | 7                      | 0                   | 4-6                   | 9                | 2500           | 1                 | 63             | 59               | 50        | -    | -                  | 0.0  |      |      |
| 7                                      | Holyhead (Vallay) ... 26    | 1006.1                       | 1006.1               | -14                | WNW   | 5      | 20       | 55        | 97       | 6           | 5      | 3       | 4-6                    | 2500                                   | 1006.4               | -2                 | NW     | 2     | 20       | 57        | 97       | 6           | 9       | 0                      | 0                   | 10                    | 10               | 2000           | 1                 | 66             | 54               | 52        | 0.5  | 8                  | 4    |      |      |
|                                        | Chester (Sealand) ... 16    | 1005.8                       | 1005.8               | -6                 | NW    | 2      | 20       | 60        | 92       | 6           | 5      | 7       | 0                      | 3500                                   | 1005.9               | +2                 | WNW    | 2     | 20       | 63        | 85       | 6           | 2       | 0                      | 0                   | 1                     | 1                | 3500           | 1                 | 70             | 57               | 54        | -    | -                  | 7.9  |      |      |
| 8                                      | Manchester ... 70           | 1005.9                       | 1005.9               | -4                 | WNW   | 2      | 20       | 59        | 97       | 4           | 5      | 0       | 7-8                    | 4000                                   | 1006.1               | +2                 | WNW    | 0     | 20       | 63        | 92       | 3           | 5       | 3                      | 0                   | 1                     | 2-3              | 5700           | 1                 | 70             | 57               | 55        | -    | -                  | 10.6 |      |      |
| 10                                     | Spurn Head ... 29           | 1006.8                       | 1006.8               | -2                 | NNE   | 3      | 20       | 59        | 97       | 6           | 4      | 1       | 0                      | 2-3                                    | 1006.0               | +10                | NNE    | 3     | 20       | 59        | 97       | 0           | 0       | 0                      | 0                   | 10                    | 10               | 4150           | 1                 | 69             | 57               | 50        | -    | -                  | 12.8 |      |      |
|                                        | Catterick ... 175           | 1007.4                       | 1007.4               | -6                 | N     | 2      | 20       | 61        | 97       | 3           | 5      | 0       | 10                     | 100                                    | 1007.4               | -6                 | NNE    | 2     | 20       | 62        | 92       | 4           | 5       | 0                      | 0                   | 10                    | 10               | 400            | 0                 | 77             | 60               | 61        | -    | -                  | 13.5 |      |      |
|                                        | Tynemouth ... 108           | 1009.2                       | 1009.2               | -6                 | N     | 3      | 20       | 58        | 97       | 2           | 5      | 0       | 10                     | 800                                    | 1008.3               | -4                 | N      | 3     | 20       | 58        | 97       | 1           | 0       | 0                      | 0                   | 10                    | 10               | 450            | 0                 | 63             | 56               | 56        | -    | -                  | 13.5 |      |      |
| 11                                     | St. Abbs Head ... 280       | 1009.3                       | 1009.3               | -6                 | NW    | 2      | 20       | 56        | 97       | 2           | 5      | 0       | 10                     | 10                                     | 1009.3               | +4                 | N      | 2     | 20       | 55        | 97       | 1           | 0       | 0                      | 0                   | 10                    | 10               | 4150           | 1                 | 65             | 54               | 50        | -    | -                  | 11.4 |      |      |
|                                        | Leuchars ... 36             | 1009.5                       | 1009.5               | -6                 | E     | 3      | 20       | 58        | 92       | 6           | 5      | 0       | 10                     | 800                                    | 1009.1               | +2                 | N      | 0     | 20       | 59        | 92       | 6           | 5       | 0                      | 0                   | 7-8                   | 7-8              | 1100           | 0                 | 72             | 56               | 52        | -    | -                  | 0.4  |      |      |
| 12                                     | Renfrew (Abbots I.) ... 19  | 1009.3                       | 1009.3               | -6                 | W     | 0      | 20       | 59        | 85       | 7           | 3      | 4       | 8                      | 2500                                   | 1009.2               | +2                 | E      | 3     | 20       | 62        | 92       | 6           | 5       | 0                      | 0                   | 10                    | 10               | 700            | 0                 | 68             | 58               | 51        | 0.2  | -                  | 8.8  |      |      |
|                                        | Eskdalemuir ... 794         | 1009.3                       | 1009.3               | -6                 | W     | 0      | 20       | 59        | 85       | 7           | 3      | 4       | 8                      | 2500                                   | 1009.2               | +2                 | E      | 3     | 20       | 62        | 92       | 6           | 5       | 0                      | 0                   | 10                    | 10               | 700            | 0                 | 68             | 58               | 51        | 0.2  | -                  | 8.8  |      |      |
|                                        | Point of Ayre ... 30        | 1007.5                       | 1007.5               | 0                  | NW    | 3      | 20       | 57        | 92       | 7           | 5      | 0       | 9+                     | 1500                                   | 1007.0               | +2                 | NW     | 3     | 20       | 57        | 92       | 7           | 5       | 1                      | 0                   | 9                     | 10               | 3000           | 0                 | 64             | 56               | 50        | -    | -                  | 1.7  |      |      |
| 13A                                    | Tiree ... 22                | 1012.1                       | 1012.1               | -4                 | WNW   | 3      | 20       | 58        | 97       | 7           | 8      | 0       | 9+                     | 1500                                   | 1010.5               | -4                 | NW     | 3     | 20       | 58        | 92       | 8           | 5       | 0                      | 0                   | 9+                    | 9+               | 1500           | 1                 | 62             | 52               | 50        | 0.6  | 2                  | 3.3  |      |      |
| 13B                                    | Stornoway ... 80            | 1014.2                       | 1014.2               | +4                 | W     | 0      | 20       | 54        | 97       | 7           | 5      | 7       | 7-8                    | 10                                     | 1013.5               | +4                 | NW     | 2     | 20       | 55        | 85       | 8           | 5       | 7                      | 0                   | 7-8                   | 10               | 2500           | 1                 | 64             | 53               | 50        | 0.3  | 1                  | 3.3  |      |      |
| 15                                     | Dalwhinnie ... 1178         | 1012.1                       | 1012.1               | -4                 | W     | 0      | 20       | 58        | 92       | 6           | 5      | 0       | 10                     | 800                                    | 1012.1               | -4                 | E      | 1     | 20       | 55        | 92       | 6           | 5       | 0                      | 0                   | 10                    | 10               | 800            | 0                 | 69             | 52               | 47        | -    | -                  | 2.0  |      |      |
|                                        | Aberdeen ... 79             | 1012.9                       | 1012.9               | -6                 | WNW   | 2      | 20       | 52        | 97       | 6           | 5      | 7       | 1                      | 2-3                                    | 5700                 | 1012.6             | 0      | NW    | 4        | 20        | 59       | 85          | 6       | 5                      | 3                   | 0                     | 2-3              | 3100           | 0                 | 71             | 56               | 59        | -    | -                  | 9.7  |      |      |
|                                        | Wick ... 119                | 1012.9                       | 1012.9               | -6                 | WNW   | 2      | 20       | 52        | 97       | 6           | 5      | 7       | 1                      | 2-3                                    | 5700                 | 1012.6             | 0      | NNE   | 3        | 20        | 57       | 97          | 7       | 1                      | 8                   | 0                     | Tr               | 1              | 1400              | 0              | 51               | 49        | 49   | -                  | -    | 9.7  |      |
| 16                                     | Lerwick Sumburgh ... 186    | 1013.1                       | 1013.1               | -6                 | NNE   | 3      | 20       | 57        | 85       | 7           | 8      | 3       | 5                      | 4-6                                    | 7-8                  | 2000               | 1012.4 | 0     | NNE      | 4         | 20       | 57          | 97      | 7                      | 5                   | 3                     | 4-6              | 9+             | 100               | 2              | 62               | 53        | 50   | -                  | -    | 1.1  |      |
| 17                                     | Blackod Point ... 18        | 1012.5                       | 1012.5               | -2                 | NNW   | 2      | 20       | 58        | 92       | 7           | 8      | 0       | 9+                     | 2500                                   | 1012.4               | +4                 | N      | 4     | 20       | 57        | 85       | 8           | 5       | 7                      | 0                   | 9                     | 0                | 4              | 63                | 53             | 5                |           |      |                    |      |      |      |



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Page 1.

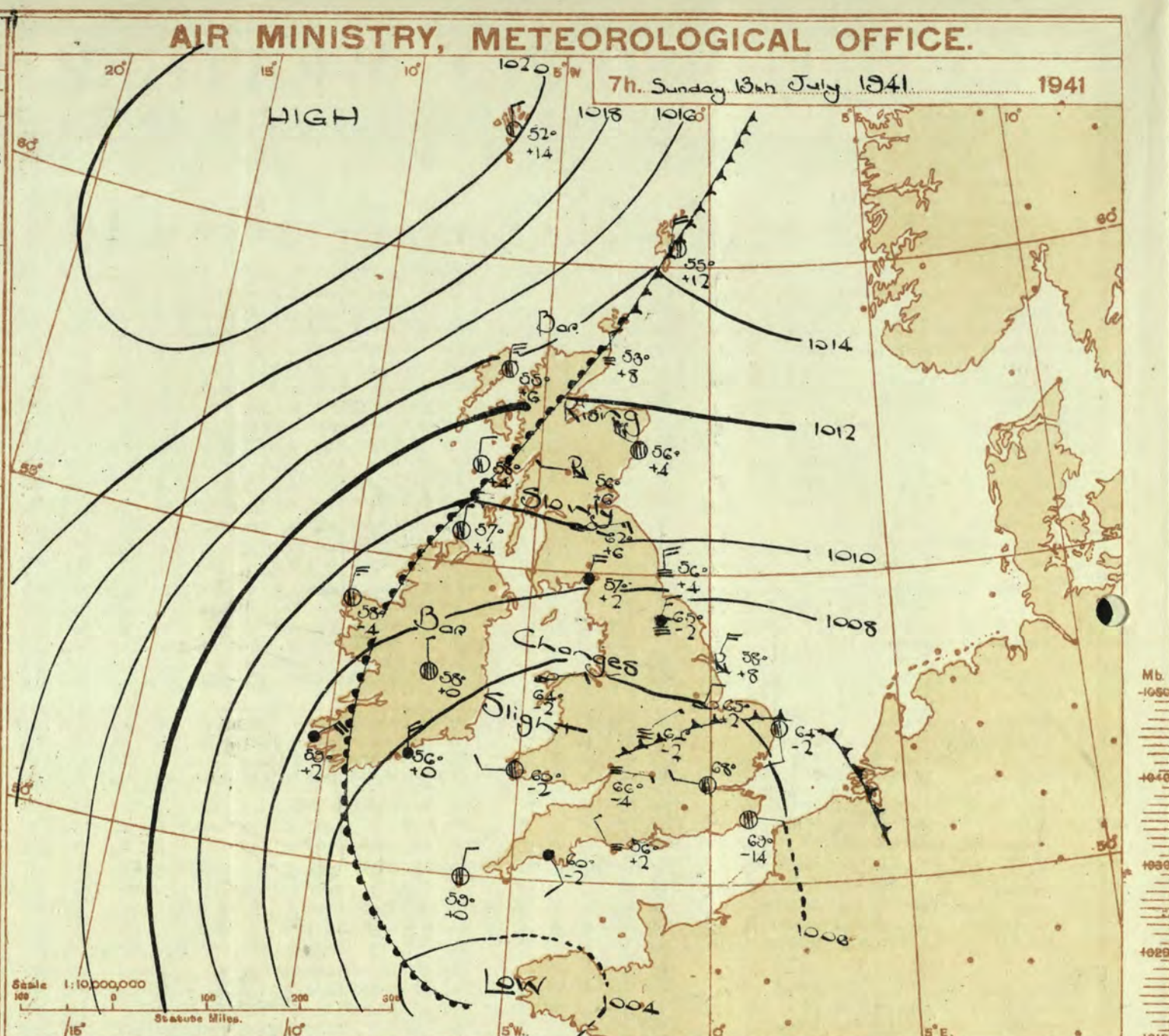
AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Sunday, 13th July, 1941  
No. 22,258.

| OBSERVATIONS at 13h. G.M.T. 12th July |                                                                                                                                  |                                                                    |                                         |                                         |                                 |                                      |                                        |                                        |                                 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |               | OBSERVATIONS at 18h. G.M.T. 12th July |                                       |                               |                                         |               |                  |                      |                     |                            |                 |                                         |                      |                       |                      | PAST 24 HOURS.                     |                     |                     |                       |                      |                     |                       |                      |                     |                       |                      |                     |                       |                      |                     |
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| DISRICT.                              | STATIONS.<br>(For heights see p. 4.)                                                                                             | Barom.<br>at<br>M.S.L.<br>mb.<br>(1)                               | Change in<br>8 hours.<br>(2)            | Wind.                                   |                                 | Weather.<br>(5)                      | Temp.<br>°F.<br>(6)                    | Humid.<br>%<br>(7)                     | Visibility.<br>0-6<br>(8)       | Cloud.                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |               |                                       | Barom.<br>at<br>M.S.L.<br>mb.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.                                   |               | Weather.<br>(19) | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-6<br>(22) | Cloud.          |                                         |                      |                       |                      | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER.            |                       |                      |                     |                       |                      |                     |                       |                      |                     |                       |                      |                     |
|                                       |                                                                                                                                  |                                                                    |                                         | Direc.<br>(3)                           | Force.<br>0-12<br>(4)           |                                      |                                        |                                        |                                 | Form.<br>(9)                    | Amount.<br>(10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Height<br>of<br>Base.<br>(feet)<br>(11) | Form.<br>(23) | Amount.<br>(24)                       |                                       |                               | Height<br>of<br>Base.<br>(feet)<br>(25) | Form.<br>(26) |                  |                      |                     |                            | Amount.<br>(27) | Height<br>of<br>Base.<br>(feet)<br>(28) | 7h.—13h.<br>12th.    |                       |                      |                                    |                     | 13h.—18h.<br>12th.  |                       |                      |                     | 18h.—12th<br>13th.    |                      |                     |                       | 12th<br>13th.        |                     |                       |                      |                     |
|                                       |                                                                                                                                  |                                                                    |                                         |                                         |                                 |                                      |                                        |                                        |                                 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                      |                 |                                         | Low.<br>0-10<br>(12) | Med.<br>10-10<br>(13) | High<br>0-10<br>(14) |                                    |                     | Low<br>0-10<br>(23) | Med.<br>10-10<br>(24) | High<br>0-10<br>(25) | Low<br>0-10<br>(26) | Med.<br>10-10<br>(27) | High<br>0-10<br>(28) | Low<br>0-10<br>(29) | Med.<br>10-10<br>(30) | High<br>0-10<br>(31) | Low<br>0-10<br>(32) | Med.<br>10-10<br>(33) | High<br>0-10<br>(34) | Low<br>0-10<br>(35) |
| 1                                     | London (Kew) ...<br>Croydon ...<br>S. Farnborough ...<br>Boscombe Down ...<br>Thorney Island ...<br>Lymington ...<br>Manston ... | 1005.6<br>1005.4<br>1005.7<br>1006.2<br>1007.4<br>1007.4<br>1006.5 | -4<br>-6<br>+2<br>-2<br>+12<br>-2<br>+2 | SE<br>ENE<br>SE<br>SE<br>SE<br>SE<br>SE | 2<br>1<br>2<br>4<br>2<br>1<br>2 | C<br>ct<br>C<br>C<br>tlr<br>bc<br>zo | 85<br>86<br>84<br>78<br>64<br>78<br>78 | 55<br>45<br>45<br>65<br>97<br>75<br>75 | 8<br>8<br>7<br>8<br>5<br>8<br>6 | 6<br>4<br>1<br>2<br>-<br>3<br>3 | 1<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>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|                                         |               |                                       |                                       |                               |                                         |               |                  |                      |                     |                            |                 |                                         |                      |                       |                      |                                    |                     |                     |                       |                      |                     |                       |                      |                     |                       |                      |                     |                       |                      |                     |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE                                                                                                                                                                                                                                                                                                                                                   |                |       |                 |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|-----------------|-------------|----------------|-------|-----------------|-----------------------|----------------|-------|-----------------|-------------|----------------|-------|-----------------|-------|
| 13h. G.M.T. 12th July                                                                                                                                                                                                                                                                                                                                                                                                          |                |       |                 | 18h. G.M.T. |                |       |                 | 01h. G.M.T. 13th July |                |       |                 | 07h. G.M.T. |                |       |                 |       |
| III                                                                                                                                                                                                                                                                                                                                                                                                                            | C <sub>1</sub> | ww    | Vh <sub>1</sub> | DDFWN       | C <sub>1</sub> | ww    | Vh <sub>1</sub> | DDFWN                 | C <sub>1</sub> | ww    | Vh <sub>1</sub> | DDFWN       | C <sub>1</sub> | ww    | Vh <sub>1</sub> | DDFWN |
| 109                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-             | 03738 | 01328           |             | 5-             | 02744 | 3-3255          |                       | 5-             | 03738 | 32328           |             | 5-             | 03738 | 01428           |       |
| 115                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             | 54             | 03844 | 064255          |                       |                | 02844 | 04427           |             | 51             | 03838 | 04428           |       |
| 203                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             |                |       |                 |                       | 5-             | 03838 | 04428           |             | 5-             | 02837 | 32527           |       |
| 206                                                                                                                                                                                                                                                                                                                                                                                                                            | 50             | 01874 | 08114           |             | 53             | 03825 | 08428           |                       | 5-             | 03628 | 08128           |             | 5-             | 02848 | 01228           |       |
| 210                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-             | 02868 | 32228           |             | 5-             | 05637 | 06227           |                       | 5-             | 05638 | 00028           |             | 5-             | 51638 | 31358           |       |
| 220                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             |                |       |                 |                       |                |       |                 |             | 50             | 01843 | 03404           |       |
| 230                                                                                                                                                                                                                                                                                                                                                                                                                            | 03             | 00830 | 22222           |             | 00             | 01830 | 22104           |                       | 07             | 05630 | 00014           |             | 03             | 00830 | 00013           |       |
| 245                                                                                                                                                                                                                                                                                                                                                                                                                            | 16             | 01862 | 06414           |             | 04             | 00730 | 06411           |                       | 63             | 05604 | 28127           |             | 5-             | 02744 | 3-326           |       |
| 260                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-             | 05658 | 10328           |             | 5-             | 05638 | 08218           |                       | 5-             | 05638 | 04128           |             | 5-             | 51528 | 10258           |       |
| 277                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |
| 279                                                                                                                                                                                                                                                                                                                                                                                                                            | 23             | 00762 | 02403           |             | 36             | 25654 | 06286           |                       |                |       |                 |             | 5-             | 02747 | 04327           |       |
| 285                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-             | 05656 | 12426           |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |
| 288                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-             | 08448 | 04328           |             | 00             | 05530 | 004210          |                       | --             | 57209 | 03159           |             | --             | 57209 | 04259           |       |
| 273                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |
| 301                                                                                                                                                                                                                                                                                                                                                                                                                            | 2-             | 05664 | 28304           |             | 2-             | 05665 | 00015           |                       | 53             | 05555 | 08298           |             | 23             | 05564 | 08334           |       |
| 321                                                                                                                                                                                                                                                                                                                                                                                                                            | 10             | 05652 | 05312           |             | 17             | 08601 | 04315           |                       | --             | 48303 | 03113           |             | 3-             | 93537 | 02198           |       |
| 299                                                                                                                                                                                                                                                                                                                                                                                                                            | 23             | 00762 | 07383           |             |                |       |                 |                       | --             | 48003 | 3-349           |             |                |       |                 |       |
| 292                                                                                                                                                                                                                                                                                                                                                                                                                            | 04             | 05630 | 30111           |             | 00             | 01730 | 07213           |                       | 5-             | +1414 | 28244           |             | 5-             | 05628 | 28243           |       |
| 310                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |
| 316                                                                                                                                                                                                                                                                                                                                                                                                                            | 70             | 05643 | 04214           |             |                |       |                 |                       | 77             | 11453 | 02324           |             | --             | 44109 | 04359           |       |
| 333                                                                                                                                                                                                                                                                                                                                                                                                                            | 52             | 05655 | 28228           |             | 37             | 81654 | 28427           |                       | 57             | 02754 | 32306           |             | 54             | 05663 | 00024           |       |
| 334                                                                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |
| 340                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-             | 08448 | 14228           |             | 03             | 11555 | 00025           |                       | 57             | 11545 | 12298           |             | 5-             | 42418 | 32148           |       |
| 136                                                                                                                                                                                                                                                                                                                                                                                                                            | 20             | 05674 | 02304           |             | 26             | 05661 | 10212           |                       | 03             | 05630 | 12311           |             | 26             | 05661 | 06186           |       |
| 336                                                                                                                                                                                                                                                                                                                                                                                                                            | 53             | 01753 | 14316           |             | 52             | 93752 | 16318           |                       |                |       |                 |             |                |       |                 |       |
| 350                                                                                                                                                                                                                                                                                                                                                                                                                            | 13             | 05664 | 16215           |             | 08             | 81645 | 28137           |                       | 07             | 05590 | 00014           |             | 5-             | 43327 | 08147           |       |
| 368                                                                                                                                                                                                                                                                                                                                                                                                                            | 23             | 01763 | 1121            |             |                |       |                 |                       |                |       |                 |             | 5-             | 05538 | 23128           |       |
| 379                                                                                                                                                                                                                                                                                                                                                                                                                            | 23             | 02755 | 14316           |             | 57             | 02754 | 00031           |                       | 5-             | 08428 | 00028           |             | --             | 46209 | 04149           |       |
| 390                                                                                                                                                                                                                                                                                                                                                                                                                            | 23             | 01764 | 06115           |             | 3-             | 05657 | 14197           |                       | 03             | 05526 | 08193           |             | 53             | 41564 | 06145           |       |
| 382                                                                                                                                                                                                                                                                                                                                                                                                                            | 13             | 02764 | 11216           |             | 37             | 02766 | 00027           |                       | --             | +8303 | 07183           |             | 5-             | 41418 | 90048           |       |
| 438                                                                                                                                                                                                                                                                                                                                                                                                                            | 55             | 02654 | 18214           |             |                |       |                 |                       |                |       |                 |             | 5-             | 10747 | 04427           |       |
| 430                                                                                                                                                                                                                                                                                                                                                                                                                            | 39             | 05555 | 20214           |             | 83             | 05665 | 16227           |                       | 5-             | 08438 | 14148           |             | 57             | 61524 | 00048           |       |
| 409                                                                                                                                                                                                                                                                                                                                                                                                                            | 53             | 02743 | 12216           |             | 57             | 61706 | 16328           |                       | 57             | 02644 | 11225           |             | 57             | 61655 | 02227           |       |
| III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.<br>ww, W = Present and past weather—See M.O. 252.<br>h, Nh = Height and amount of low cloud—See M.O. 252.<br>N = Total amount of cloud—See M.O. 252.<br>C <sub>1</sub> , C <sub>2</sub> = Form of low and medium cloud—See page 1.<br>V = Visibility. F = Force of wind—See page 4.<br>DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N). |                |       |                 |             |                |       |                 |                       |                |       |                 |             |                |       |                 |       |

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).



| DISTRICTS.                                 | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 13th July 1941.                                                                      |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Light variable winds becoming Northeast, moderate; wide-spread thunderstorms or thundery rains; warm, becoming cooler; local fog near East Coast. |
| 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 ...                          | Moderate north to northeast wind, fresh locally on coasts; thunderstorms or thundery rains; warm, becoming cooler.                                |
| 10 N.E. England                            |                                                                                                                                                   |
| 11 S.E. Scotland                           |                                                                                                                                                   |
| 12 S.W. Scotland & Isle of Man.            |                                                                                                                                                   |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                                                                   |
| 14 Mid Scotland                            |                                                                                                                                                   |
| 15 N. E. Scotland                          |                                                                                                                                                   |
| 16 Orkneys and Shetlands                   |                                                                                                                                                   |
| 17 N. W. Ireland                           |                                                                                                                                                   |
| 18 N. E. Ireland                           |                                                                                                                                                   |
| 19 S. E. Ireland                           |                                                                                                                                                   |
| 20 S. W. Ireland                           |                                                                                                                                                   |

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

**GENERAL INFERENCE.**

A large shallow depression covering North France and South England is moving slowly north-east. Weather will be unsettled generally with thunderstorms or thundery rains in many places.

**FURTHER OUTLOOK.**

N.E. - N. winds; rain in many places with local thunderstorms; becoming much cooler.

▲▲▲▲ Cold Front  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion

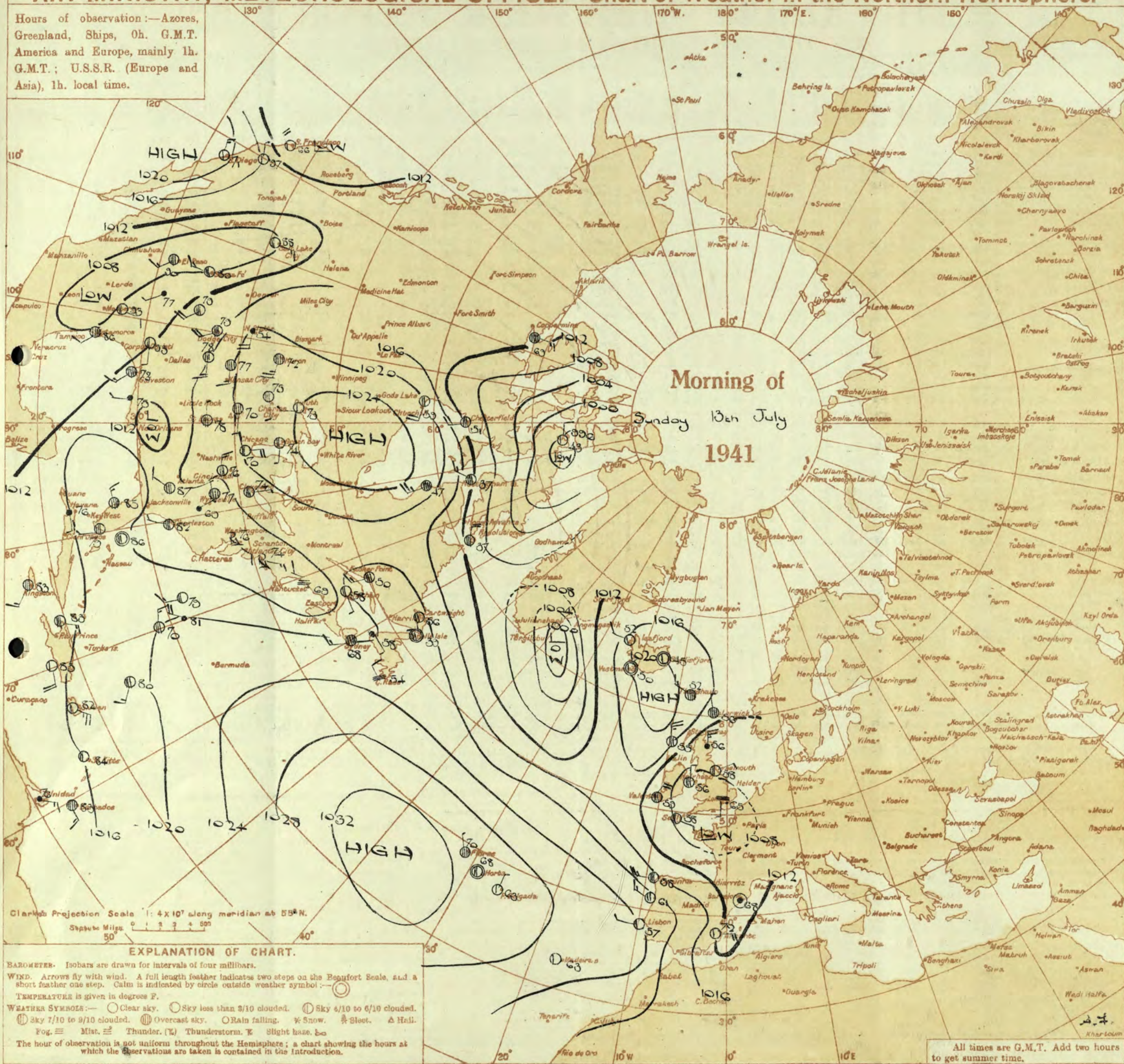
Forecasts issued at 1030h G.M.T.  
 N. K. JOHNSON, D.Sc., A.R.C.S.,  
 Director.

H.M.S.O. Press, Cornhill House, S.E.1.  
 G. 266. Hs. 2176. 2. 6034. Gp. 419. 3300. 5/41.



# 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 13th July 194  
No. 29088

| OBSERVATIONS at 1 hr. G.M.T. 13th July |                             |                              |                              |                        |            |                 |          |               |              |                     |           |              |                             |             | OBSERVATIONS at 7 hr. G.M.T. 13th July |                         |                  |            |          |                |               |                      |              |                             |                          |                            |                           |               |                        | PAST 24 HOURS       |                       |           |           |           |                    |          |           |           |  |
|----------------------------------------|-----------------------------|------------------------------|------------------------------|------------------------|------------|-----------------|----------|---------------|--------------|---------------------|-----------|--------------|-----------------------------|-------------|----------------------------------------|-------------------------|------------------|------------|----------|----------------|---------------|----------------------|--------------|-----------------------------|--------------------------|----------------------------|---------------------------|---------------|------------------------|---------------------|-----------------------|-----------|-----------|-----------|--------------------|----------|-----------|-----------|--|
| DISTRICT.                              | STATIONS.                   | Height above M.S.L. in feet. | Barom. at station M.S.L. (1) | Change in 3 hours. (2) | Wind.      |                 | Weather. | Temp. °F. (8) | Humid. % (7) | Visibility. 0-9 (6) | Cloud.    |              |                             |             | Barom. at station M.S.L. (15)          | Change in 3 hours. (16) | Wind.            |            | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud.       |                             |                          |                            | State of Ground. 0-9 (29) | Sea. 0-9 (30) | TEMPERATURE.           |                     |                       |           | RAINFALL. |           | SUNSHINE Hrs. (36) |          |           |           |  |
|                                        |                             |                              |                              |                        | Direc. (3) | Force. 0-12 (4) |          |               |              |                     | Form. (9) | Amount. (10) | Height of Base. (feet) (11) | Direc. (17) |                                        |                         | Force. 0-12 (18) | Form. (23) |          |                |               |                      | Amount. (24) | Height of Base. (feet) (25) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) |                           |               | Min. on Grass °F. (33) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) |           |           |           |                    |          |           |           |  |
|                                        |                             |                              |                              |                        |            |                 |          |               |              |                     |           |              |                             |             |                                        |                         |                  |            |          |                |               |                      |              |                             |                          |                            |                           |               |                        |                     |                       | Low. (12) | Med. (13) | High (14) |                    | Low (26) | Med. (27) | High (28) |  |
| 1                                      | London (Kew) ... 18         | 1006.4                       | +2                           | S                      | 1          | *               | 65       | 97            | 4            | -                   | 2         | 0            | 1                           | -           | 1004.8                                 | -8                      | NE/N             | 1          | 20       | 68             | 92            | 5                    | 5            | -                           | 9                        | 9                          | 2500                      | 1             | *                      | 86                  | 64                    | 59        | 3         | 13        | 9.0                |          |           |           |  |
|                                        | Croydon ... 217             | 1006.4                       | +2                           | S                      | 1          | *               | 65       | 97            | 4            | -                   | 2         | 0            | 1                           | -           | 1004.8                                 | -6                      | UNW              | 1          | 20       | 68             | 92            | 6                    | 5            | 7                           | 1                        | 9                          | 2500                      | 1             | *                      | 86                  | 63                    | 56        | 6         | 1         | 10.8               |          |           |           |  |
|                                        | S. Farnborough ... 226      | 1006.4                       | -12                          | -                      | 0          | 20              | 66       | 92            | 5            | -                   | 9         | 0            | 7-8                         | -           | 1004.8                                 | -2                      | -                | 0          | 20       | 68             | 85            | 6                    | 5            | 3                           | -                        | 7-8                        | 9                         | 1800          | 0                      | *                   | 87                    | 64        | 56        | Tr        | Tr                 | 8.7      |           |           |  |
|                                        | Boscombe Down ... 417       | 1006.4                       | -2                           | -                      | 0          | 20              | 64       | 97            | 5            | -                   | 7         | 0            | 7-8                         | -           | 1005.9                                 | -2                      | -                | 0          | 17/8     | 64             | 97            | 4                    | 5            | 2                           | -                        | 9                          | 10                        | 600           | 1                      | *                   | 81                    | 60        | 57        | 0.5       | 0.5                | 3.2      |           |           |  |
|                                        | Thorney Island ... 10       | 1006.3                       | -2                           | -                      | 0          | 20              | 64       | 97            | 5            | -                   | 3         | 2.3          | 4.6                         | 1500        | 1004.8                                 | -2                      | NW/N             | 1          | 10       | 64             | 97            | 4                    | 5            | -                           | 10                       | 10                         | 450                       | 1             | *                      | 73                  | 62                    | 59        | 5         | -         | -                  | 11.3     |           |           |  |
|                                        | Lymington ... 346           | 1007.6                       | -4                           | E                      | 1          | buff            | 61       | 97            | 7            | -                   | 6         | 0            | 4-6                         | -           | 1005.8                                 | -14                     | ESE              | 2          | 20       | 69             | 92            | 8                    | 1            | 9                           | 2                        | 4-6                        | 7-8                       | 4000          | 0                      | *                   | 82                    | 60        | 54        | 0.6       | Tr                 | -        | 11.5      |           |  |
|                                        | Manston ... 154             | 1006.7                       | -6                           | -                      | 0          | c               | 64       | 92            | 7            | 4                   | 6         | 3            | 7-8                         | 4000        | 1005.1                                 | -6                      | SE               | 1          | 20       | 66             | 97            | 6                    | -            | 6                           | -                        | 0                          | 4-6                       | -             | 0                      | *                   | 82                    | 64        | 59        | -         | -                  | -        |           |           |  |
| 2                                      | Shoeburyness ... 11         | 1006.9                       | +6                           | S/E                    | 2          | pr              | 68       | 92            | 6            | 9                   | 3         | 7-8          | 10                          | 6100        | 1006.1                                 | -8                      | E                | 2          | ft       | 71             | 75            | 3                    | -            | 3                           | -                        | 10                         | 10                        | 450           | 0                      | *                   | 83                    | 61        | 58        | Tr        | -                  | 8.6      |           |           |  |
|                                        | Felixstowe ... 15           | 1008.0                       | -4                           | S/E                    | 2          | cl              | 65       | 85            | 6            | 5                   | -         | 7-8          | 7-8                         | 2500        | 1005.7                                 | -6                      | E                | 2          | be       | 68             | 85            | 7                    | -            | 3                           | -                        | 0                          | 2-3                       | -             | 0                      | 3                   | 70                    | 64        | 62        | -         | 0.1                | 11.7     |           |           |  |
|                                        | Gorleston ... 5             | 1006.5                       | +2                           | SE                     | 2          | 20              | 66       | 92            | 6            | -                   | 3         | 8            | 0                           | 4-6         | -                                      | 1006.8                  | -2               | S/E        | 2        | e              | 64            | 85                   | 6            | -                           | 7                        | -                          | 0                         | 7-8           | -                      | 0                   | 3                     | 70        | 63        | 61        | -                  | Tr       | -         |           |  |
|                                        | Mildenhall ... 19           | 1006.5                       | +2                           | SE                     | 2          | 20              | 66       | 92            | 6            | -                   | 3         | 8            | 0                           | 4-6         | -                                      | 1005.6                  | 0                | ESE        | 2        | b              | 72            | 75                   | 7            | -                           | 7                        | -                          | 0                         | 1             | -                      | 0                   | *                     | 85        | 65        | 61        | -                  | -        | 9.1       |           |  |
|                                        | Cranwell ... 240            | 1006.5                       | -2                           | NE                     | 2          | bcl             | 63       | 92            | 5            | -                   | 3         | 1            | 0                           | 4-6         | -                                      | 1006.5                  | +2               | NE         | 2        | 20             | 65            | 92                   | 5            | -                           | -                        | -                          | 10                        | 10            | 1000                   | 0                   | *                     | 87        | 60        | 57        | Tr                 | -        | 7.1       |           |  |
| 3                                      | Birmingham ... 535          | 1006.1                       | -2                           | -                      | 0          | *               | 65       | 97            | 6            | 5                   | 3         | -            | 1                           | 4-6         | 3500                                   | 1005.4                  | -2               | NE         | 1        | f              | 64            | 97                   | 2            | -                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | *                     | 83        | 64        | 60        | 19                 | 4        | 3.6       |           |  |
|                                        | Upper Heyford ... 408       | 1006.1                       | -2                           | -                      | 0          | 20              | 65       | 97            | 6            | 5                   | 3         | -            | 1                           | 4-6         | 3500                                   | 1005.1                  | -8               | -          | 0        | Fr             | 65            | 97                   | 1            | -                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | *                     | 85        | 63        | 57        | 6                  | 2        | *         |           |  |
| 4                                      | Ross-on-Wye ... 223         | 1006.1                       | -2                           | -                      | 0          | *               | 65       | 97            | 6            | 5                   | 3         | -            | 1                           | 4-6         | 3500                                   | 1005.0                  | -4               | ES         | 1        | of             | 66            | 97                   | 3            | 5                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | *                     | 81        | 64        | 62        | 1                  | 3        | 2.4       |           |  |
| 5                                      | Hartland Point ... 299      | 1005.8                       | -4                           | S                      | 2          | c               | 61       | 92            | 6            | 8                   | 6         | -            | 7-8                         | 9           | 1500                                   | 1005.4                  | +2               | WSW        | 2        | c              | 60            | 97                   | 6            | 5                           | 2                        | -                          | 7-8                       | 10            | 1200                   | 1                   | 3                     | 71        | 59        | 56        | 5                  | Tr       | 6.9       |           |  |
|                                        | Bristol ... 209             | 1006.1                       | -10                          | -                      | 0          | c               | 66       | 92            | 7            | 4                   | 3         | -            | 7-8                         | 9           | 4500                                   | 1005.3                  | +2               | -          | 0        | ir             | 66            | 97                   | 5            | 5                           | -                        | -                          | 10                        | 10            | 500                    | 0                   | *                     | 83        | 64        | 57        | 0.4                | Tr       | 3.5       |           |  |
|                                        | Portland Bill ... 32        | 1005.9                       | +10                          | SW                     | 1          | f               | 57       | 92            | 2            | 5                   | -         | -            | 10                          | 10          | 450                                    | 1005.1                  | +2               | NW         | 1        | f              | 56            | 92                   | 2            | 5                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | 2                     | 83        | 55        | *         | -                  | -        | *         |           |  |
|                                        | Plymouth ... 82             | 1006.6                       | -4                           | ESE                    | 1          | buff            | 59       | 97            | 5            | -                   | 7         | -            | 0                           | 4-6         | -                                      | 1005.5                  | -2               | SE/E       | 2        | dr             | 60            | 97                   | 6            | 6                           | 7                        | -                          | 9                         | 10            | 4000                   | 1                   | 2                     | 74        | 58        | 57        | -                  | 0.2      | 4.5       |           |  |
|                                        | The Lizard ... 240          | 1006.0                       | -4                           | ESE                    | 2          | bc              | 58       | 97            | 7            | 8                   | 6         | -            | 4-6                         | 4-6         | 2500                                   | 1005.2                  | 0                | -          | 0        | c/ldr          | 62            | 97                   | 8            | 8                           | 6                        | -                          | 7-8                       | 7-8           | 2500                   | 1                   | 3                     | 69        | 57        | *         | 1                  | 4.5      |           |           |  |
|                                        | Scilly (St. Mary's) ... 163 | 1005.3                       | -12                          | SE/S                   | 3          | c               | 59       | 97            | 7            | 5                   | 4         | 3            | 4-6                         | 7-8         | 1500                                   | 1004.8                  | 0                | NE/N       | 2        | c/pr           | 59            | 97                   | 6            | 5                           | 2                        | -                          | 7-8                       | 9             | 1500                   | 1                   | 2                     | 64        | 57        | *         | 1                  | 0.0      |           |           |  |
|                                        | Guernsey ... 175            | 1005.3                       | -12                          | SE/S                   | 3          | c               | 59       | 97            | 7            | 5                   | 4         | 3            | 4-6                         | 7-8         | 1500                                   | 1004.8                  | 0                | NE/N       | 2        | c/pr           | 59            | 97                   | 6            | 5                           | 2                        | -                          | 7-8                       | 9             | 1500                   | 1                   | 2                     | 64        | 57        | *         | 1                  | 0.0      |           |           |  |
| 6                                      | Pembroke ... 142            | 1005.3                       | 0                            | W/N                    | 1          | c               | 59       | 97            | 6            | 8                   | -         | -            | 9                           | 9           | 3000                                   | 1005.2                  | -2               | W          | 2        | c              | 60            | 97                   | 6            | 8                           | 6                        | -                          | 7-8                       | 9             | 2500                   | 0                   | 2                     | 73        | 57        | *         | -                  | -        | 8.0       |           |  |
| 7                                      | Holyhead (Valley) ... 26    | 1005.6                       | -6                           | N                      | 2          | 20              | 56       | 97            | 5            | -                   | 7         | -            | 0                           | 10          | -                                      | 1004.9                  | -2               | ENE        | 2        | c              | 64            | 97                   | 5            | 5                           | 7                        | -                          | 2-3                       | 9             | 500                    | 1                   | 2                     | 68        | 55        | 53        | 1                  | Tr       | *         |           |  |
|                                        | Chester (Sealand) ... 16    | 1006.2                       | -2                           | -                      | 0          | PR              | 63       | 97            | 3            | 9                   | -         | -            | 10                          | 10          | 1200                                   | 1005.6                  | 0                | -          | 0        | f              | 66            | 92                   | 3            | 5                           | -                        | -                          | 10                        | 10            | 1300                   | 1                   | *                     | 81        | 63        | 61        | -                  | 9        | 7.3       |           |  |
| 8                                      | Manchester ... 70           | 1006.4                       | -6                           | NE                     | 2          | 20              | 68       | 85            | 5            | -                   | 3         | -            | 0                           | 2-3         | -                                      | 1006.0                  | 0                | NE/E       | 2        | 20             | 65            | 92                   | 5            | 5                           | 9                        | -                          | 4-6                       | 9             | 7000                   | 1                   | *                     | 84        | 64        | 61        | -                  | 13       | 7.1       |           |  |
| 10                                     | Spurn Head ... 29           | 1007.6                       | 0                            | NE/E                   | 2          | bcl             | 58       | 97            | 4            | 5                   | -         | -            | 4-6                         | 4-6         | 4000                                   | 1007.5                  | +8               | NEW        | 4        | TLR            | 58            | 97                   | 2            | -                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | 3                     | 67        | 57        | *         | Tr                 | 4        | 5.0       |           |  |
|                                        | Catterick ... 175           | 1008.7                       | -4                           | N/E                    | 2          | df              | 59       | 97            | 2            | -                   | -         | -            | 10                          | 10          | 450                                    | 1008.3                  | -2               | N/E        | 3        | df             | 65            | 97                   | 1            | -                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | *                     | 74        | 58        | 57        | -                  | Tr       | 6.8       |           |  |
|                                        | Tynemouth ... 108           | 1009.3                       | -2                           | N                      | 3          | ef              | 57       | 97            | 2            | 5                   | -         | -            | 10                          | 10          | 800                                    | 1009.2                  | +4               | N          | 4        | F              | 56            | 97                   | 1            | -                           | -                        | -                          | 10                        | 10            | 450                    | 0                   | 2                     | 60        | 55        | 54        | -                  | -        | *         |           |  |
| 11                                     | St. Abbs Head ... 280       | 1009.6                       | +2                           | NW                     | 4          | F               | 55       | 97            | 1            | -                   | -         | -            | 10                          | 10          | 450                                    | 1011.2                  | +14              | N          | 3        | F              | 55            | 97                   | 1            | -                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | 1                     | 59        | 54        | *         | -                  | Tr       | *         |           |  |
|                                        | Leuchars ... 36             | 1010.2                       | +2                           | NW                     | 4          | 20              | 58       | 85            | 6            | -                   | 3         | -            | 0                           | Tr          | -                                      | 1010.4                  | +6               | -          | 0        | c              | 62            | 85                   | 7            | 5                           | -                        | -                          | 10                        | 10            | 1800                   | 0                   | *                     | 75        | 57        | 55        | -                  | -        | 11.1      |           |  |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1009.7                       | 0                            | E/N                    | 3          | 20              | 63       | 92            | 5            | 5                   | -         | -            | 10                          | 10          | 700                                    | 1010.3                  | +6               | ENE        | 3        | 20             | 62            | 92                   | 6            | 5                           | -                        | -                          | 10                        | 10            | 900                    | 0                   | *                     | 80        | 61        | 61        | Tr                 | -        | 6.6       |           |  |
|                                        | Eskdalemuir ... 794         | 1006.8                       | +2                           | -                      | 0          | *               | 58       | 97            | 6            | 5                   | 4         | -            | 4-6                         | 9           | 3000                                   | 1009.8                  | +2               | NNE        | 4        | id.            | 57            | 97                   | 5            | -                           | 2                        | -                          | 10                        | 10            | 220                    | 1                   | *                     | 76        | 57        | 57        | Tr                 | Tr       | 3.8       |           |  |
|                                        | Point of Ayre ... 30        | 1006.8                       | +2                           | -                      | 0          | c               | 58       | 97            | 6            | 5                   | 4         | -            | 4-6                         | 9           | 3000                                   | 1006.8                  | +2               | ENE        | 4        | c              | 61            | 97                   | 7            | 5                           | -                        | -                          | 9                         | 9             | 3500                   | 1                   | 4                     | 69        | 57        | *         | Tr                 | 17       | 9.3       |           |  |
| 13A                                    | Tiree ... 22                | 1010.5                       | 0                            | N                      | 3          | bc              | 54       | 85            | 8            | 5                   | 3         | -            | 2-3                         | 2-3         | 2800                                   | 1011.0                  | +4               | N          | 2        | bc             | 58            | 85                   | 8            | -                           | 3                        | -                          | 0                         | 2-3           | -                      | 0                   | 3                     | 60        | 54        | *         | -                  | -        | 0.8       |           |  |
| 13B                                    | Stornoway ... 80            | 1014.4                       | 0                            | N                      | 5          | c               | 55       | 92            | 8            | 5                   | 7         | -            | 9                           | 10          | 2500                                   | 1015.0                  | +6               | NNE        | 5        | c              | 55            | 97                   | 8            | 5                           | 7                        | -                          | 9                         | 10            | 1000                   | 1                   | 3                     | 59        | 55        | *         | 2                  | -        | 0.0       |           |  |
| 15                                     | Dalwhinnie ... 1176         | 1012.9                       | +6                           | W                      | 1          | clr             | 56       | 97            | 6            | 6                   | -         | -            | 10                          | 10          | 800                                    | 1012.9                  | +6               | W          | 1        | clr            | 56            | 97                   | 6            | 6                           | -                        | -                          | 10                        | 10            | 800                    | 0                   | *                     | 72        | 54        | 54        | -                  | 0.2      | 5.3       |           |  |
|                                        | Aberdeen ... 79             | 1013.9                       | +8                           | NW                     | 5          | 0               | 56       | 92            | 6            | 5                   | -         | -            | 10                          | 10          | 1200                                   | 1011.3                  | +4               | NW         | 5        | 0              | 56            | 92                   | 6            | 5                           | -                        | -                          | 10                        | 10            | 1200                   | 0                   | 2                     | 74        | 56        | 55        | -                  | -        | 6.7       |           |  |
|                                        | Wick ... 1181               | 1013.9                       | +8                           | N                      | 3          | lf              | 53       | 97            | 4            | 5                   | -         | -            | 10                          | 10          | 450                                    | 1013.9                  | +8               | N          | 3        | lf             | 53            | 97                   | 4            | 5                           | -                        | -                          | 10                        | 10            | 450                    | 1                   | *                     | 65        | 52        | 52        | *                  | -        | *         |           |  |
| 16                                     | Larwick ... 286             | 1013.9                       | +12                          | NNE                    | 4          | c               | 55       | 92            | 8            | 5                   | -         | -            | 10                          | 10          | 900                                    | 1013.9                  | +12              | NNE        | 4        | c              | 55            | 92                   | 8            | 5                           | -                        | -                          | 10                        | 10            | 900                    | *                   | *                     | *         | *         | *         | *                  | *        |           |           |  |
| 17                                     | Blacksod Point ... 18       | 1010.2                       | -10                          | N/E                    | 5          | c               | 57       | 92            | 7            | 8                   | -         | -            | 10                          | 10          | 2500                                   | 1008.9                  | -4               | NHE        | 5        | c              | 58            | 92                   | 7            | 5                           | -                        | -                          | 10                        | 10            | 1500                   | 0                   | 4                     | 61        | 55        | *         | -                  | -        | *         |           |  |
| 18                                     | Malin Head ... 84           | 1009.6                       | -2                           | N                      | 1          | cl              | 57       | 92            | 6            | 9                   | -         | -            | 9                           | 9           | 800                                    | 1008.8                  | +4               | NNE        | 1        | c              | 57            | 92                   | 6            | 5                           | -                        | -                          | 9                         | 9             | 800                    | 0                   | 2                     | 59        | 54        | *         | Tr                 | 1        | 1.8       |           |  |
|                                        | Aldergrove ... 268          | 1008.2                       | -6                           | NNW                    | 2          | cl              | 56       | 97            | 6            | 5                   | -         | -            | 9                           | 9           | 2000                                   | 1007.9                  | +6               | NE         | 2        | m              | 62            | 97                   | 4            | 5                           | -                        | -                          | 10                        | 10            | 400                    | 1                   | *                     | 63        | 57        | 53        | 1                  | 18       | 1.4       |           |  |
| 19                                     | Birr Castle ... 173         | 1007.0                       | +2                           | NNW                    | 1          | 9/8             | 58       | 97            | 8            | 5                   | -         | -            | 10                          | 10          | 2500                                   | 1007.0                  | 0                | NNW        | 1        | 9/8            | 58            | 97                   | 8            | 5                           | -                        | -                          | 10                        | 10            | 2500                   | 1                   | *                     | 61        | 56        | 55        | 2                  | 1        | 0.0       |           |  |
| 20                                     | Valentia Obay. ... 30       | 1008.6                       | -6                           | NE                     | 4          | c               | 59       | 85            | 8            | 5                   | 7         | -            | 9                           | 10          | 1500                                   | 1007.4                  | +2               | NE         | 4        | ir             | 59            | 85                   | 7            | 5                           | 7                        | -                          | 9                         | 10            | 4000                   | 1                   | 3                     | 61        | 58        | 56        | Tr                 | Tr       | 0.0       |           |  |
|                                        | Roche Point ... 22          | 1006.8                       | -6                           | N                      | 4          | ir              | 56       | 92            | 8            | 6                   | 2         | -            | 7-8                         | 9           | 1600                                   | 1005.5                  | 0                | N          | 4        |                |               |                      |              |                             |                          |                            |                           |               |                        |                     |                       |           |           |           |                    |          |           |           |  |

| LONDON OBSERVATIONS.                                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |  | EXPLANATION OF FIGURES, LETTERS, etc.                                   |  |  |  |                                                                                 |  |  |  |  |  |                                              |  |  |  |
|------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------|--|--|--|--|--|----------------------------------------------|--|--|--|
| Day 7h-18h, Kew & Croydon.<br>9h-18h, Kensington.<br>9h-21h, other stations except for rainfall which is 9h-18h. |  |  |  |  |  |  |  |  |  |  |  |  |  | Atmospheric Pollution.<br>Milligrams of Solid Impurity per cubic metre. |  |  |  | COLUMNS 2, 16.<br>The barometric tendency is expressed in tenths of a millibar. |  |  |  |  |  | COLUMNS 8, 22 — Code for surface visibility. |  |  |  |
| Height above S.E., in feet.                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                         |  |  |  |                                                                                 |  |  |  |  |  | Objects not visible at                       |  |  |  |
|                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                         |  |  |  |                                                                                 |  |  |  |  |  |                                              |  |  |  |
| 24 hrs. ended 9h.                                                                                                |  |  |  |  |  |  |  |  |  |  |  |  |  | Yesterday.                                                              |  |  |  | To-day.                                                                         |  |  |  |  |  |                                              |  |  |  |
|                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                         |  |  |  |                                                                                 |  |  |  |  |  |                                              |  |  |  |
|                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                         |  |  |  |                                                                                 |  |  |  |  |  |                                              |  |  |  |
|                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                         |  |  |  |                                                                                 |  |  |  |  |  |                                              |  |  |  |
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Pressure reduced to level of 1000 dynamic metres : 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



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 14th July, 1941  
No 29,083.

| OBSERVATIONS at 13h. G.M.T. 13th July. |                                      |                               |                              |       |                       |                 |                     |                    |                          |        |                         |                                      |        | OBSERVATIONS at 18h. G.M.T. 13th July. |                               |                        |       |                  |                      |                     |                           |                         |                                      |                             |                              |                                    |                     | PAST 24 HOURS.                 |                            |        |       |       |       |       |
|----------------------------------------|--------------------------------------|-------------------------------|------------------------------|-------|-----------------------|-----------------|---------------------|--------------------|--------------------------|--------|-------------------------|--------------------------------------|--------|----------------------------------------|-------------------------------|------------------------|-------|------------------|----------------------|---------------------|---------------------------|-------------------------|--------------------------------------|-----------------------------|------------------------------|------------------------------------|---------------------|--------------------------------|----------------------------|--------|-------|-------|-------|-------|
| DISTR.                                 | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>8 hours.<br>(2) | Wind. |                       | Weather.<br>(5) | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>m.<br>(8) | Cloud. |                         |                                      |        | Barom.<br>at<br>M.S.L.<br>(15)         | Change in<br>8 hours.<br>(16) | Wind.                  |       | Weather.<br>(19) | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>m.<br>(22) | Cloud.                  |                                      |                             |                              | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER.                       |                            |        |       |       |       |       |
|                                        |                                      |                               |                              | Dir.  | Force.<br>0-12<br>(4) |                 |                     |                    |                          | Form.  | Amount.<br>0-10<br>(10) | Height of<br>Base.<br>(feet)<br>(11) | Dir.   |                                        |                               | Force.<br>0-12<br>(13) | Form. |                  |                      |                     |                           | Amount.<br>0-10<br>(24) | Height of<br>Base.<br>(feet)<br>(25) | 7h.—15h.<br>13th...<br>(37) | 15h.—18h.<br>13th...<br>(38) |                                    |                     | 18h.—to<br>1h. 14th...<br>(39) | 1h.—7h.<br>14th...<br>(40) |        |       |       |       |       |
|                                        |                                      |                               |                              |       |                       |                 |                     |                    |                          |        |                         |                                      |        |                                        |                               |                        |       |                  |                      |                     |                           |                         |                                      |                             |                              |                                    |                     |                                |                            | Low.   | Med.  | High  | Low   | Total |
| 1                                      | London (Kew)...                      | 1006.6                        | +2.4                         | SW    | 5                     | c/pr            | 66                  | 85                 | 9                        | 6      | 9                       | 7                                    | 1500   | 1008.0                                 | +6                            | S                      | 4     | bc               | 71                   | 55                  | 8                         | 8                       | 1                                    | 2-3                         | 4-6                          | 2500                               | 1                   | *                              | bclrrp                     | cbe    | bcc   | cbe   |       |       |
|                                        | Croydon ...                          | 1006.2                        | +1.4                         | S     | 3                     | c               | 66                  | 85                 | 9                        | 6      | 6                       | 10                                   | 600    | 1007.4                                 | +4                            | SSW                    | 3     | c                | 65                   | 55                  | 9                         | 1                       | 1                                    | 6                           | 1                            | 7-8                                | 2500                | 1                              | *                          | tlrr   | cibey | aybc  | bcc   |       |
|                                        | S. Farnborough                       | 1006.2                        | +1.4                         | SW    | 3                     | c/pr            | 64                  | 85                 | 9                        | 8      | 7                       | 10                                   | 2000   | 1007.4                                 | +6                            | SSW                    | 2     | bc               | 68                   | 65                  | 9                         | 1                       | 1                                    | 2-3                         | 2-3                          | 2000                               | 0                   | *                              | clrrrv                     | cibey  | beybc | c     |       |       |
|                                        | Boscombe Down                        | 1006.1                        | +1.0                         | SW    | 4                     | r               | 61                  | 92                 | 7                        | 6      | 2                       | 10                                   | 500    | 1006.7                                 | +6                            | S'E                    | 3     | bc               | 66                   | 65                  | 8                         | 1                       | 8                                    | 3                           | 1                            | 4-6                                | 2000                | 1                              | *                          | CRmo   | cbe   | cbe   | bccpr |       |
|                                        | Thorney Island                       | 1007.0                        | +1.4                         | SW    | 3                     | c               | 65                  | 85                 | 9                        | 7      | 7                       | 10                                   | 5700   | 1007.4                                 | +2                            | SE                     | 2     | bc               | 69                   | 65                  | 9                         | 2                       | 4                                    | 3                           | Tr                           | 4-6                                | 4000                | 1                              | *                          | tride  | cbe   | cprbc | bccc  |       |
|                                        | Lympne ...                           | 1009.1                        | +1.8                         | SSW   | 3                     | bc              | 68                  | 75                 | 8                        | 1      | 7                       | 10                                   | 700    | 1009.5                                 | +2                            | S                      | 1     | bc               | 69                   | 65                  | 9                         | 2                       | 4                                    | 8                           | Tr                           | 4-6                                | 2500                | 0                              | *                          | cofc   | bey   | bc    | bcwob |       |
|                                        | Manston ...                          | 1007.8                        | +1.4                         | SW    | 5                     | c               | 71                  | 65                 | 8                        | 3      | 7                       | 10                                   | 2200   | 1008.8                                 | +6                            | SW                     | 2     | c                | 70                   | 55                  | 9                         | 2                       | 1                                    | 2                           | Tr                           | 3                                  | 3000                | 0                              | *                          | cmobc  | bey   | cybc  | bbe   |       |
| 2                                      | Shoeburyness ...                     | 1007.3                        | +1.4                         | SSW   | 4                     | c               | 73                  | 65                 | 9                        | 8      | 1                       | 10                                   | 2500   | 1008.5                                 | +6                            | S'W                    | 4     | c                | 71                   | 75                  | 9                         | 1                       | 1                                    | 8                           | Tr                           | 7-8                                | 4000                | 0                              | *                          | fbccv  | beyv  | cbe   | bbbe  |       |
|                                        | Felixstowe ...                       | 1006.3                        | +2.5                         | S     | 5                     | bc              | 71                  | 75                 | 8                        | 5      | 4                       | 10                                   | 800    | 1007.7                                 | +6                            | SSW                    | 4     | bc               | 73                   | 75                  | 9                         | 1                       | 4                                    | 3                           | Tr                           | 4-6                                | 4000                | 0                              | *                          | bvcb   | bv,y  | beyv  | bbe   |       |
|                                        | Gorleston ...                        | 1007.3                        | 0                            | S     | 4                     | bc              | 65                  | 85                 | 6                        | 1      | 4                       | 10                                   | 1008.1 | +12                                    | SW                            | 4                      | bc    | 73               | 75                   | 8                   | 1                         | 5                       | 1                                    | 5                           | 0                            | 4-6                                | 0                   | 0                              | 2                          | bcczbc | bc    | bcc   | cbe   |       |
|                                        | Mildenhall ...                       | 1004.6                        | -6                           | SE    | 4                     | c               | 80                  | 55                 | 8                        | 2      | 7                       | 10                                   | 3000   | 1007.0                                 | +10                           | SSW                    | 4     | bc               | 74                   | 75                  | 8                         | 1                       | 1                                    | 5                           | 0                            | 4-6                                | 3000                | 0                              | *                          | beycy  | cybcy | beybc | bcb   |       |
|                                        | Cranwell ...                         | 1005.3                        | -10                          | E'N   | 4                     | bc              | 80                  | 55                 | 8                        | 2      | 3                       | 10                                   | 4-6    | 2500                                   | 1006.1                        | +10                    | SSW   | 5                | c                    | 68                  | 75                        | 8                       | 7                                    | 7                           | 1                            | 4-6                                | 7-8                 | 800                            | 0                          | *      | cley  | cbe   | beybc | 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.  
 fa, 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/a, 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;  
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 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, 36. 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.

4 Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

Cirrus, -Ci:      Cirrocumulus, -Cc:      Cirrostratus, -Cs:      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 |
| 1 .. " wet.                              | ground not frozen.                                        |
| 2 .. " flooded.                          | 8 .. " covered with snow, less than 6 ins., but           |
| 3 .. " frozen hard and dry.              | ground frozen.                                            |
| 4 .. " partly covered with snow or hail. | 9 .. " covered with snow greater than 6 ins. deep         |
| 5 .. " covered with ice or glazed frost. | 0 .. 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<br>AVIATION WEATHER CODE                                                                                                                                                                                                                                                                                                                                     |                |       |                 |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|-----------------|-------|----------------|-------|-----------------|--------------------------------------|----------------|-------|-----------------|-------|----------------|----|-----------------|-------|
| 13h. G.M.T. 31st July.....18h. G.M.T.                                                                                                                                                                                                                                                                                                                                                                            |                |       |                 |       |                |       |                 | 01h. G.M.T. 1st July.....07h. G.M.T. |                |       |                 |       |                |    |                 |       |
| III                                                                                                                                                                                                                                                                                                                                                                                                              | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN                                | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN | C <sub>u</sub> | ww | Vh <sub>N</sub> | DDFWN |
| 109                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 03738 | 01528           | 5     | 03638          | 05528 | 5               | 52538                                | 04588          | 5     | 02848           | 06428 |                |    |                 |       |
| 115                                                                                                                                                                                                                                                                                                                                                                                                              | 51             | 00734 | 06427           | 51    | 09734          | 06527 | --              | 46109                                | 06549          | --    | 44309           | 08549 |                |    |                 |       |
| 203                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 02835 | 04525           | 5     | 01834          | 04514 |                 |                                      |                |       |                 |       |                |    |                 |       |
| 206                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 54528 | 08358           | 5     | 51948          | 04458 | 5               | 51428                                | 37358          | 5     | 52528           | 04368 |                |    |                 |       |
| 210                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 54468 | 02358           | 5     | 54508          | 02358 | 5               | 52508                                | 03458          | 5     | 52508           | 03358 |                |    |                 |       |
| 220                                                                                                                                                                                                                                                                                                                                                                                                              | 30             | 01843 | 04303           | 70    | 01863          | 04513 |                 |                                      |                |       | 53              | 01864 | 04315          |    |                 |       |
| 230                                                                                                                                                                                                                                                                                                                                                                                                              | 54             | 01874 | 02364           | 53    | 01865          | 32315 | 50              | 05774                                | 01114          | 57    | 02864           | 00086 |                |    |                 |       |
| 245                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 02746 | 02426           | 54    | 01848          | 38413 | 53              | 07944                                | 34467          | 5     | 02938           | 02428 |                |    |                 |       |
| 260                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 05634 | 08358           |       |                |       |                 | 5                                    | 51638          | 06328 |                 |       |                |    |                 |       |
| 277                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |
| 279                                                                                                                                                                                                                                                                                                                                                                                                              | 13             | 02761 | 04425           | 54    | 05654          | 02526 |                 |                                      |                | 5     | 05648           | 02228 |                |    |                 |       |
| 285                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 |       |                |       |                 |                                      |                | 23    | 41634           | 12247 |                |    |                 |       |
| 288                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 45328 | 03348           | 5     | 47328          | 32448 | --              | 57109                                | 04159          | 5     | 57328           | 00058 |                |    |                 |       |
| 273                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |
| 301                                                                                                                                                                                                                                                                                                                                                                                                              | 34             | 01764 | 04485           | 84    | 05663          | 42415 | 53              | 05663                                | 12364          | 53    | 05564           | 12216 |                |    |                 |       |
| 321                                                                                                                                                                                                                                                                                                                                                                                                              | 20             | 01755 | 37405           | 9     | 11757          | 37517 | 50              | 05652                                | 18112          | 57    | 05654           | 15217 |                |    |                 |       |
| 299                                                                                                                                                                                                                                                                                                                                                                                                              | --             | 44209 | 28469           | --    | 46209          | 28449 | --              | 46109                                | 00049          | 57    | 05545           | 20246 |                |    |                 |       |
| 292                                                                                                                                                                                                                                                                                                                                                                                                              | 54             | 05633 | 28395           | 5     | 02657          | 04327 | 00              | 45290                                | 00050          | 5     | 05636           | 00026 |                |    |                 |       |
| 310                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |
| 316                                                                                                                                                                                                                                                                                                                                                                                                              | 83             | 02754 | 04415           | 5     | 02747          | 16327 | 04              | 01690                                | 00010          | 03    | 08490           | 16225 |                |    |                 |       |
| 333                                                                                                                                                                                                                                                                                                                                                                                                              | 33             | 05664 | 00024           | 9     | 95638          | 16198 | 57              | 02852                                | 16295          | 14    | 02965           | 00016 |                |    |                 |       |
| 334                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 |       |                |       |                 |                                      |                | --    | 02556           | 00017 |                |    |                 |       |
| 340                                                                                                                                                                                                                                                                                                                                                                                                              | 53             | 05655 | 06326           | 97    | 22736          | 14497 | 04              | 00890                                | 14112          | 53    | 05664           | 12326 |                |    |                 |       |
| 136                                                                                                                                                                                                                                                                                                                                                                                                              | 16             | 02865 | 16415           | 10    | 00861          | 51412 | 03              | 02890                                | 14117          |       |                 |       |                |    |                 |       |
| 336                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                |       |                 |       |                |       |                 |                                      |                | 51    | 02763           | 12428 |                |    |                 |       |
| 350                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 11747 | 47587           | 80    | 01854          | 16425 | 03              | 01790                                | 12313          | 20    | 01855           | 16416 |                |    |                 |       |
| 368                                                                                                                                                                                                                                                                                                                                                                                                              | 02             | 63538 | 24268           |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |
| 379                                                                                                                                                                                                                                                                                                                                                                                                              |                |       |                 | 10    | 01853          | 18493 | 53              | 01762                                | 08215          | 23    | 02836           | 14417 |                |    |                 |       |
| 390                                                                                                                                                                                                                                                                                                                                                                                                              | 53             | 25754 | 18285           | 10    | 01852          | 18313 | 50              | 05662                                | 11203          | 10    | 01754           | 16314 |                |    |                 |       |
| 382                                                                                                                                                                                                                                                                                                                                                                                                              | 5              | 53718 | 53428           | 14    | 01942          | 16313 | 53              | 00861                                | 10113          | 5     | 01844           | 14324 |                |    |                 |       |
| 436                                                                                                                                                                                                                                                                                                                                                                                                              | 53             | 01754 | 22444           |       |                |       |                 |                                      |                | 55    | 01863           | 22413 |                |    |                 |       |
| 430                                                                                                                                                                                                                                                                                                                                                                                                              | 80             | 02054 | 55396           | 86    | 00963          | 14203 | 50              | 00841                                | 12311          | 5     | 02856           | 16326 |                |    |                 |       |
| 409                                                                                                                                                                                                                                                                                                                                                                                                              | 57             | 64725 | 15268           | 62    | 62725          | 09168 | 87              | 01732                                | 06313          | 5     | 81748           | 09328 |                |    |                 |       |
| III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.<br>ww, W - Present and past weather—See M.O. 252.<br>h, Nh - Height and amount of low cloud—See M.O. 252.<br>N - Total amount of cloud—See M.O. 252.<br>C, C <sub>u</sub> - Form of low and medium cloud—See page 1.<br>V - Visibility. F - Force of wind—See page 4.<br>DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N). |                |       |                 |       |                |       |                 |                                      |                |       |                 |       |                |    |                 |       |

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.

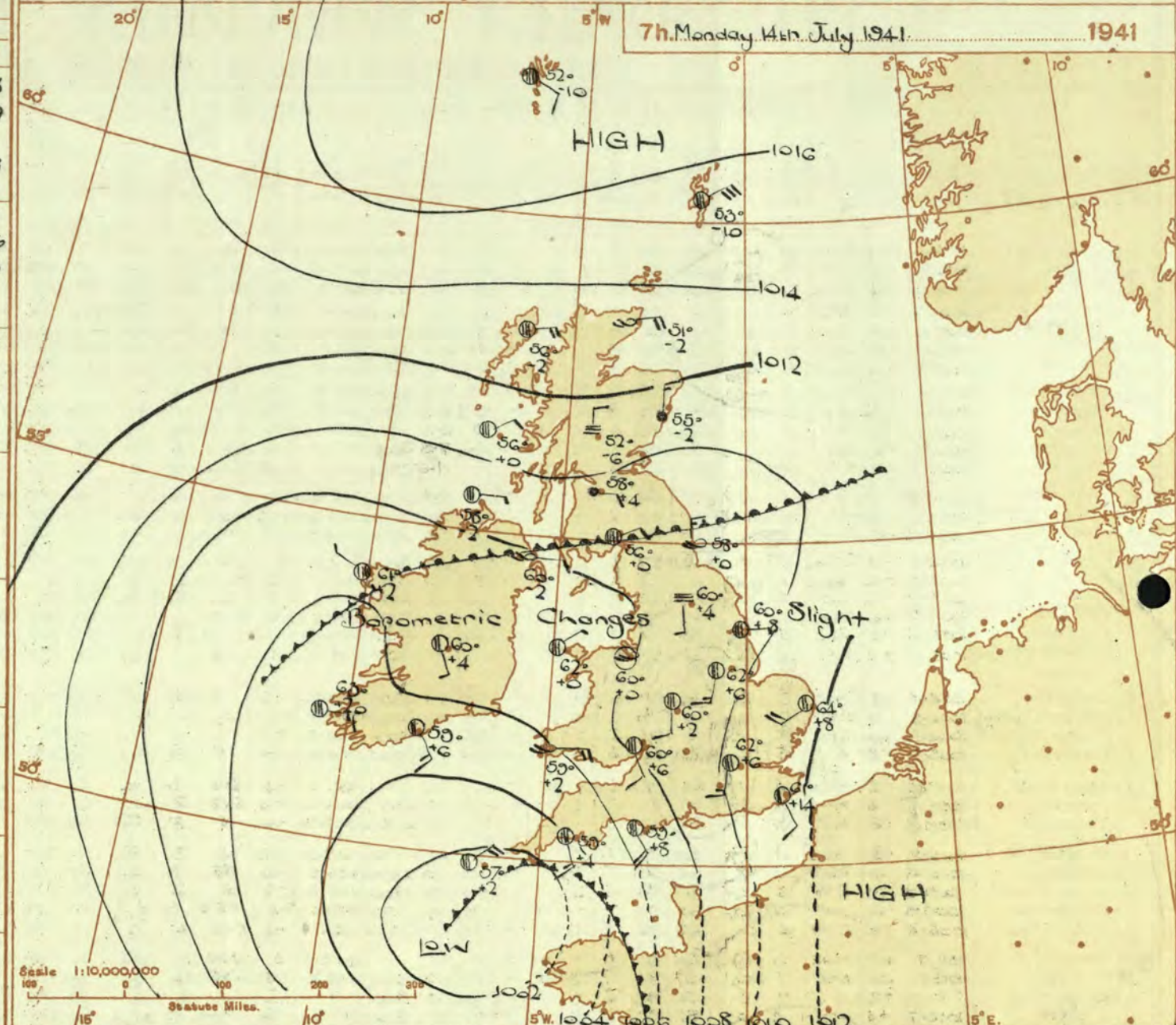
N - Total amount of cloud—See M.O. 252.

C<sub>u</sub>, C<sub>u</sub>x - 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. 14th July 1941.                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                         | Moderate Southeast winds; bright intervals at first; local thundery rains or thunderstorms later; average temperature.                                    |
| 2 E. England ...                       |                                                                                                                                                           |
| 3 E. Midlands ...                      |                                                                                                                                                           |
| 4 W. Midlands ...                      |                                                                                                                                                           |
| 5 S.W. England                         | Moderate Southeast wind, fresh on coasts; occasional rain and local thunder; bright periods; average temperature.                                         |
| 6 South Wales ...                      |                                                                                                                                                           |
| 7 North Wales ...                      |                                                                                                                                                           |
| 8 N.W. England                         | Light variable winds becoming Southeast to East moderate; bright intervals; local thunderstorms and thundery rains; local coast fog; average temperature. |
| 9 N. Midlands ...                      |                                                                                                                                                           |
| 10 N.E. England                        |                                                                                                                                                           |
| 11 S.E. Scotland                       | Moderate northeast wind; dull; occasional rain; local coast fog; cool.                                                                                    |
| 12 S.W. Scotland & Isle of Man.        | Moderate northeast wind; mainly cloudy; local thundery rain or thunderstorms; average temperature.                                                        |
| 13 { A.W. Scotld.<br>B.N.W. Scot-land. |                                                                                                                                                           |
| 14 Mid Scotland                        | As 11                                                                                                                                                     |
| 15 N. E. Scotland                      |                                                                                                                                                           |
| 16 Orkneys and Shetlands               | Moderate northeast wind; cloudy; local showers; cool.                                                                                                     |
| 17 N. W. Ireland                       | Moderate east or northeast wind; bright intervals; local thunderstorms; occasional rain; 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 temperatures.

**GENERAL INFERENCE.**  
Pressure is high to north and northeast of the British Isles. A depression off Southwest England is almost stationary and an associated trough over the Bay of Biscay will move northeast across the southern half of England. In the North there will be much cloud with occasional rain and local thunder. In the South there will be bright intervals but local thundery rains or thunderstorms.

**FURTHER OUTLOOK.**  
Bright intervals; occasional rain; local thunderstorms.

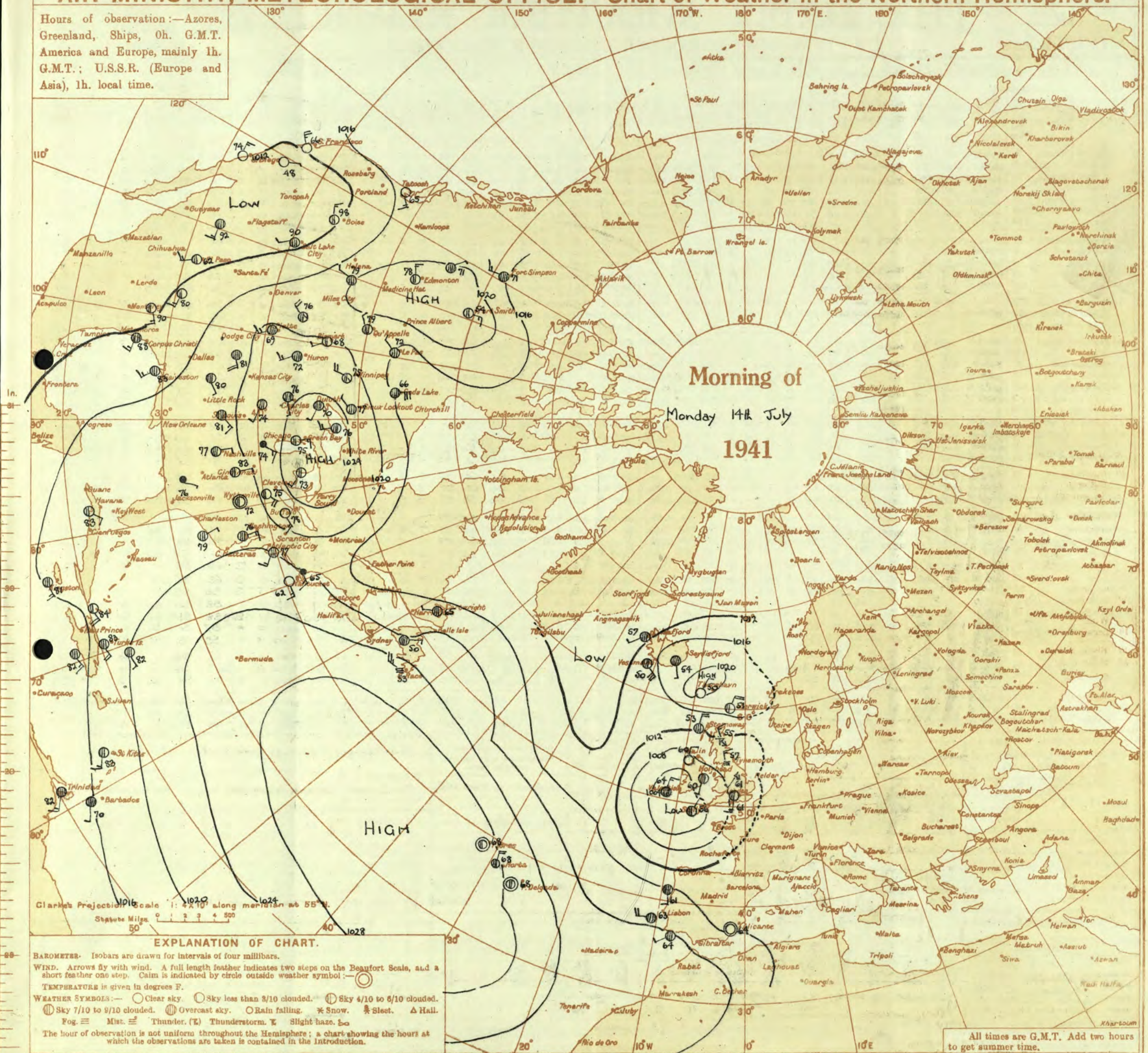
Warm Front   
Cold Front   
Occlusion

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Monday 14th July, 1941  
 No. 23,080

| OBSERVATIONS at 1 hr. G.M.T. 14th July |                             |                              |                      |                        |            |            |              |               |              |            |           |              |                             | OBSERVATIONS at 7 hr. G.M.T. 14th July |             |                       |                         |            |              |               |                |               |             |                             |                          |                            |                               | 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) | Visib. (8) | Cloud.    |              |                             |                                        |             | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind.      |              | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visib. (22) | Cloud.                      |                          |                            |                               |                     | State of Ground. (29) | Sea. (30) | TEMPERATURE.          |               |                 |     |     | SUN-SHINE (36) |      |      |
|                                        |                             |                              |                      |                        | Direc. (3) | Force. (4) |              |               |              |            | Form. (9) | Amount. (10) | Height of Base. (feet) (14) | Direc. (17)                            | Force. (18) |                       |                         | Form. (23) | Amount. (24) |               |                |               |             | Height of Base. (feet) (28) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass 24-36h °F. (33) | Day 24-36h mm. (34) |                       |           | Night 18h-7h mm. (35) |               |                 |     |     |                |      |      |
|                                        |                             |                              |                      |                        |            |            |              |               |              |            |           |              |                             |                                        |             |                       |                         |            |              |               |                |               |             |                             |                          |                            |                               |                     |                       |           |                       | Low 0-10 (12) | Total 0-10 (13) |     |     |                |      |      |
| 1                                      | London (Kew) ... 18         | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | 1010.5                                 | +8          | S/W                   | 3                       | C          | 64           | 75            | 8              | 8             | -           | -                           | 9+                       | 9+                         | 1500                          | 1                   | *                     | 74        | 61                    | 51            | 14              | -   | 6.3 |                |      |      |
|                                        | Croydon ... 217             | 1008.9                       | +2                   | S                      | 3          | C          | 61           | 85            | 8            | 1          | 3         | -            | 4.6                         | 7.8                                    | 3000        | 1010.4                | +6                      | SSW        | 3            | C             | 62             | 85            | 8           | 5                           | -                        | -                          | 7.8                           | 7.8                 | 3000                  | 1         | *                     | 73            | 59              | 58  | 9   | -              | 6.8  |      |
|                                        | S. Farnborough ... 226      | 1008.3                       | +2                   | SSE                    | 3          | C          | 61           | 85            | 8            | 5          | -         | -            | 7.8                         | 7.8                                    | 5000        | 1010.1                | +10                     | SSE        | 4            | C             | 62             | 85            | 8           | 5                           | -                        | -                          | 9+                            | 9+                  | 1200                  | 0         | *                     | 70            | 59              | 54  | 14  | -              | 5.8  |      |
|                                        | Boscombe Down ... 417       | 1007.6                       | 0                    | SE                     | 3          | bc         | 57           | 97            | 7            | 4          | -         | -            | 4.6                         | 4.6                                    | 4000        | 1009.1                | +10                     | SE/S       | 3            | C             | 60             | 85            | 7           | 5                           | -                        | -                          | 9                             | 9                   | 1200                  | 1         | *                     | 67            | 57              | 54  | 10  | Tr             | 4.1  |      |
|                                        | Thorney Island ... 10       | 1008.5                       | +2                   | SSE                    | 4          | bc         | 62           | 85            | 8            | 5          | -         | -            | 2.3                         | 2.3                                    | 4000        | 1009.9                | +10                     | SE         | 3            | C             | 62             | 85            | 8           | 8                           | -                        | -                          | 4.6                           | 9+                  | 4000                  | 1         | *                     | 69            | 60              | 56  | 7   | 0.2            | *    |      |
|                                        | Lympe ... 346               | 1010.7                       | +2                   | SE/S                   | 1          | bc         | 60           | 92            | 7            | 5          | -         | -            | 4.6                         | 4.6                                    | 2500        | 1012.7                | +4                      | SE         | 2            | bc            | 61             | 85            | 8           | 1                           | 4                        | -                          | -                             | 4.6                 | 4.6                   | 1800      | 0                     | *             | 74              | 57  | 53  | -              | -    | 8.5  |
|                                        | Manston ... 164             | 1010.3                       | -2                   | S/W                    | 2          | b          | 61           | 85            | 8            | 4          | -         | -            | 4.6                         | 4.6                                    | 4000        | 1011.8                | +8                      | SSW        | 3            | bc            | 63             | 85            | 8           | 1                           | -                        | -                          | 4.6                           | 4.6                 | 2000                  | 0         | *                     | 74            | 58              | 55  | -   | -              | 8.7  |      |
| 2                                      | Shoeburyness ... 11         | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | 1011.5                                 | +6          | S/W                   | 4                       | bc         | 63           | 75            | 8              | 1             | -           | -                           | -                        | -                          | 4.6                           | 4.6                 | 2500                  | 0         | *                     | 76            | 60              | 51  | -   | -              | 8.0  |      |
|                                        | Felixstowe ... 15           | 1009.8                       | -2                   | S                      | 4          | b          | 66           | 75            | 8            | -          | -         | 8            | 0                           | 1                                      | -           | 1011.3                | +10                     | S/W        | 3            | C             | 65             | 75            | 8           | 2                           | -                        | -                          | 7.8                           | 7.8                 | 1400                  | 0         | 3                     | 75            | 62              | 50  | -   | -              | 11.1 |      |
|                                        | Gorleston ... 5             | 1010.5                       | -2                   | S                      | 2          | c          | 65           | 85            | 7            | -          | 7         | 0            | 7.8                         | -                                      | -           | 1011.7                | +8                      | S/W        | 4            | bc            | 64             | 85            | 7           | 1                           | 4                        | -                          | -                             | 2.3                 | 4.6                   | 2500      | 0                     | 3             | 75              | 61  | 56  | -              | -    | *    |
|                                        | Mildenhall ... 19           | 1009.4                       | +2                   | ESE                    | 2          | bc         | 60           | 75            | 7            | -          | 3         | 8            | 0                           | 4.6                                    | -           | 1010.2                | +10                     | SSW        | 3            | b             | 63             | 75            | 8           | 1                           | 7                        | -                          | -                             | Tr                  | 1                     | 4000      | 0                     | *             | 82              | 57  | 49  | -              | -    | 11.6 |
|                                        | Cranwell ... 240            | 1009.0                       | +2                   | SSW                    | 1          | C          | 56           | 85            | 7            | -          | 4         | 6            | 0                           | 9                                      | -           | 1009.4                | +6                      | S/W        | 3            | C             | 62             | 75            | 7           | 5                           | 4                        | 8                          | 4.6                           | 7.8                 | 4000                  | 0         | *                     | 81            | 55              | 49  | -   | -              | 6.7  |      |
| 3                                      | Birmingham ... 535          | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | 1007.3                                 | +4          | SSE                   | 2                       | C          | 60           | 85            | 7              | 8             | -           | -                           | 9+                       | 9+                         | 1500                          | 1                   | *                     | 73        | 56                    | 46            | 17              | 0.1 | 1.6 |                |      |      |
|                                        | Upper Heyford ... 408       | 1008.1                       | 0                    | ESE                    | 2          | b          | 57           | 85            | 7            | -          | 3         | -            | 0                           | 1                                      | -           | 1008.7                | +2                      | SSE        | 2            | C             | 60             | 92            | 8           | 5                           | -                        | -                          | 9+                            | 9+                  | 1200                  | 1         | *                     | 69            | 56              | 50  | 30  | -              | *    |      |
| 4                                      | Ross-on-Wye ... 223         | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | 1008.0                                 | +6          | SE/E                  | 2                       | C          | 60           | 85            | 8              | 5             | -           | -                           | 9+                       | 9+                         | 2500                          | 1                   | *                     | 68        | 54                    | 50            | 14              | -   | 2.5 |                |      |      |
| 5                                      | Hartland Point ... 299      | 1004.7                       | -2                   | E                      | 3          | bc         | 57           | 92            | 8            | 1          | 4         | -            | 1                           | 2.3                                    | 2500        | 1004.7                | +4                      | ENE        | 3            | C             | 58             | 92            | 8           | 8                           | -                        | -                          | 7.8                           | 7.8                 | 1500                  | 1         | 3                     | 62            | 56              | 54  | 15  | 0.4            | 0.0  |      |
|                                        | Bristol ... 209             | 1007.2                       | -2                   | SE                     | 1          | b          | 56           | 92            | 8            | -          | 3         | -            | 0                           | 1                                      | -           | 1008.2                | +8                      | ESE        | 3            | id            | 59             | 92            | 7           | 5                           | -                        | -                          | 10                            | 10                  | 800                   | 1         | *                     | 68            | 54              | 46  | 15  | Tr             | 3.4  |      |
|                                        | Portland Bill ... 32        | 1006.2                       | +2                   | E                      | 3          | C          | 57           | 92            | 8            | 5          | -         | -            | 7.8                         | 7.8                                    | 2500        | 1007.0                | +8                      | SE         | 4            | C             | 59             | 92            | 8           | 5                           | -                        | -                          | 10                            | 10                  | 2500                  | 1         | 3                     | 61            | 55              | *   | 4   | 0.2            | *    |      |
|                                        | Plymouth ... 82             | 1005.2                       | -2                   | ESE                    | 3          | C          | 57           | 85            | 8            | 8          | -         | -            | 7.8                         | 7.8                                    | 2000        | 1004.6                | +4                      | SE/S       | 3            | C             | 59             | 85            | 7           | 8                           | -                        | -                          | 9+                            | 9+                  | 600                   | 1         | 3                     | 63            | 56              | 53  | 5   | 0.1            | 1.4  |      |
|                                        | The Lizard ... 240          | 1003.5                       | -6                   | ESE                    | 3          | cl         | 56           | 97            | 8            | 6          | -         | -            | 7.8                         | 7.8                                    | 1500        | 1001.6                | -8                      | SE         | 3            | clpr          | 59             | 97            | 8           | 6                           | -                        | -                          | 7.8                           | 7.8                 | 2500                  | 1         | 4                     | 63            | 58              | *   | 6   | 0.5            | 0.1  |      |
|                                        | Scilly (St. Mary's) ... 163 | 1003.5                       | -6                   | NE/E                   | 2          | bc         | 56           | 97            | 7            | 8          | 4         | -            | 2.3                         | 2.3                                    | 1500        | 1001.9                | +2                      | NE         | 4            | C             | 57             | 97            | 7           | 8                           | 7                        | -                          | -                             | 4.6                 | 7.8                   | 1500      | 1                     | 2             | 64              | 54  | *   | 5              | 2    | 0.5  |
|                                        | Guernsey ... 175            | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | *                                      | *           | *                     | *                       | *          | *            | *             | *              | *             | *           | *                           | *                        | *                          | *                             | *                   | *                     | *         | *                     | *             | *               | *   | *   | *              | *    |      |
| 6                                      | Pembroke ... 142            | 1005.7                       | +6                   | E/N                    | 3          | bc         | 58           | 97            | 7            | 7          | 4         | 6            | 2.3                         | 4.6                                    | 4000        | 1000.6                | +2                      | E          | 4            | Zo            | 59             | 97            | 7           | 8                           | 5                        | -                          | -                             | 9+                  | 9+                    | 2500      | 0                     | 2             | 64              | 51  | *   | 23             | 0.2  | 1.0  |
| 7                                      | Holyhead (Valley) ... 26    | 1006.8                       | +4                   | S                      | 2          | C          | 60           | 97            | 8            | 5          | 4         | 8            | 1                           | 9                                      | 2500        | 1007.0                | 0                       | NE         | 1            | C             | 62             | 92            | 9           | 7                           | 3                        | 6                          | 2.3                           | 9                   | 3000                  | 1         | 2                     | 77            | 54              | 50  | 3   | 0.6            | *    |      |
|                                        | Chester (Sealand) ... 16    | 1007.6                       | +14                  | SE                     | 2          | Zo         | 59           | 92            | 6            | 3          | 1         | 0            | 2.3                         | -                                      | -           | 1007.9                | 0                       | -          | 0            | Zo            | 60             | 92            | 5           | 7                           | 2                        | 0                          | 7.8                           | -                   | -                     | -         | 1                     | *             | 79              | 55  | 50  | 6              | 0.1  | 1.6  |
| 8                                      | Manchester ... 70           | 1008.5                       | +10                  | -                      | 0          | bc         | 60           | 92            | 7            | 5          | 4         | -            | 2.3                         | 4.6                                    | 3000        | 1008.8                | +2                      | NE/N       | 1            | M/f           | 61             | 85            | 4           | 5                           | 7                        | -                          | -                             | 2.3                 | 7.8                   | 5000      | 1                     | *             | 78              | 55  | 50  | Tr             | 7    | 5.0  |
| 10                                     | Spurn Head ... 29           | 1009.0                       | +6                   | SSW                    | 2          | bc         | 61           | 92            | 6            | -          | 8         | -            | 0                           | 2.3                                    | -           | 1009.7                | +8                      | E          | 1            | C             | 60             | 85            | 7           | 5                           | 3                        | -                          | -                             | 4.6                 | 9                     | 4000      | 0                     | 0             | 67              | 59  | *   | 9              | -    | 7.3  |
|                                        | Catterick ... 175           | 1009.0                       | +4                   | N/E                    | 1          | cl         | 58           | 97            | 2            | -          | -         | -            | 10                          | 10                                     | 4150        | 1009.6                | +4                      | S          | 1            | of            | 60             | 97            | 3           | 5                           | -                        | -                          | 10                            | 10                  | 300                   | 1         | *                     | 65            | 58              | 57  | 0.2 | 0.5            | 0.0  |      |
|                                        | Tynemouth ... 108           | 1009.2                       | +2                   | N                      | 3          | F          | 57           | 97            | 1            | -          | -         | -            | 10                          | 10                                     | 4150        | 1009.1                | 0                       | N          | 3            | Zo            | 58             | 97            | 5           | 5                           | -                        | -                          | 10                            | 10                  | 800                   | 1         | 2                     | 57            | 56              | 55  | Tr  | 0.1            | *    |      |
| 11                                     | St. Abbs Head ... 280       | 1009.8                       | -6                   | N                      | 2          | F          | 54           | 97            | 1            | -          | -         | -            | 10                          | 10                                     | 4150        | 1009.4                | -2                      | NW         | 2            | rf            | 54             | 97            | 1           | -                           | -                        | -                          | 10                            | 10                  | 4150                  | 1         | 3                     | 58            | 53              | *   | 0.2 | 3              | *    |      |
|                                        | Leuchars ... 36             | 1009.9                       | +2                   | E                      | 2          | C          | 61           | 85            | 7            | 5          | -         | -            | 10                          | 10                                     | 1500        | 1010.2                | +6                      | E          | 2            | of            | 58             | 97            | 7           | 5                           | -                        | -                          | 10                            | 10                  | 900                   | 1         | *                     | 71            | 57              | 56  | -   | 8              | 3.9  |      |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1010.0                       | -2                   | E/S                    | 2          | M          | 61           | 85            | 4            | 5          | -         | -            | 10                          | 10                                     | 2500        | 1010.0                | +4                      | ESE        | 2            | id            | 58             | 97            | 5           | 5                           | -                        | -                          | 10                            | 10                  | 600                   | 1         | *                     | 72            | 58              | 57  | -   | 0.2            | 1.7  |      |
|                                        | Eskdalemuir ... 794         | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | *                                      | *           | 1009.1                | 0                       | NE/E       | 2            | old           | 56             | 97            | 8           | -                           | 2                        | -                          | -                             | 10                  | 10                    | 800       | 1                     | *             | 61              | 54  | 54  | Tr             | 1    | 0.0  |
|                                        | Point of Ayre ... 30        | 1007.3                       | +6                   | E/S                    | 3          | C          | 59           | 97            | 6            | 5          | 2         | -            | 9                           | 10                                     | 3000        | 1008.0                | +2                      | -          | 0            | C             | 61             | 97            | 7           | 5                           | -                        | -                          | 9+                            | 9+                  | 1500                  | 0         | 2                     | 65            | 58              | *   | Tr  | -              | 2.0  |      |
| 13A                                    | Tiree ... 22                | 1011.2                       | 0                    | NE                     | 2          | bc         | 58           | 85            | 8            | 5          | -         | -            | 2.3                         | 2.3                                    | 3500        | 1010.2                | 0                       | NE         | 2            | C             | 56             | 92            | 7           | 5                           | -                        | -                          | 9                             | 9                   | 2500                  | 0         | 3                     | 65            | 56              | *   | -   | -              | 11.1 |      |
| 13B                                    | Stornoway ... 80            | 1014.4                       | -8                   | NE                     | 5          | C          | 53           | 92            | 7            | 5          | 7         | -            | 9                           | 10                                     | 1500        | 1013.1                | -2                      | ENE        | 4            | C             | 56             | 97            | 8           | 5                           | 7                        | -                          | -                             | 7.8                 | 9                     | 2000      | 1                     | 3             | 58              | 53  | *   | -              | -    | 1.6  |
| 15                                     | Dalwhinnie ... 1176         | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | *                                      | *           | *                     | *                       | *          | *            | *             | *              | *             | *           | *                           | *                        | *                          | *                             | *                   | *                     | *         | *                     | *             | *               | *   | *   | *              | *    |      |
|                                        | Aberdeen ... 79             | *                            | *                    | *                      | *          | *          | *            | *             | *            | *          | *         | *            | *                           | *                                      | *           | *                     | *                       | *          | *            | *             | *              | *             | *           | *                           | *                        | *                          | *                             | *                   | *                     | *         | *                     | *             | *               | *   | *   | *              |      |      |
|                                        | Wick ... 1081               | 1015.2                       | -2                   | NE                     | 4          | M/f        | 52           | 97            | 4            | 5          | -         | -            | 10                          | 10                                     | 300         | 1011.6                | -2                      | N          | 3            | dd            | 55             | 97            | 4           | 5                           | -                        | -                          | 10                            | 10                  | 200                   | 1         | 2                     | 58            | 55              | 54  | Tr  | 8              | 0.0  |      |
| 16                                     | Lerwick ... 156             | 1016.5                       | -4                   | NE                     | 4          | do do      | 53           | 92            | 7            | 5          | -         | -            | 10                          | 10                                     | 800         | 1014.8                | -10                     | NE         | 6            | C             | 53             | 85            | 8           | 5                           | -                        | -                          | 9+                            | 9+                  | 1200                  | *         | *                     | 59            | 51              | 51  | *   | *              | *    |      |
| 17                                     | Blackod Point ... 18        | 1006.5                       | -4                   | N                      | 2          | cl/r       | 59           | 97            | 7            | 5          | -         | -            | 10                          | 10                                     | 1500        | 1006.1                | +2                      | NW         | 1            | of            | 61             | 97</          |             |                             |                          |                            |                               |                     |                       |           |                       |               |                 |     |     |                |      |      |



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

Tuesday 15th July 1941

No 25050.

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

b(r), "hail" or "rain and hail."  
Capital letters indicate intense;  
suffix o indicates alight; 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 "solitus" divides actual exist-  
ing weather from preceding con-  
ditions thus: —bc/r, fair weather  
after rain; —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 — STATE OF GROUND.

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

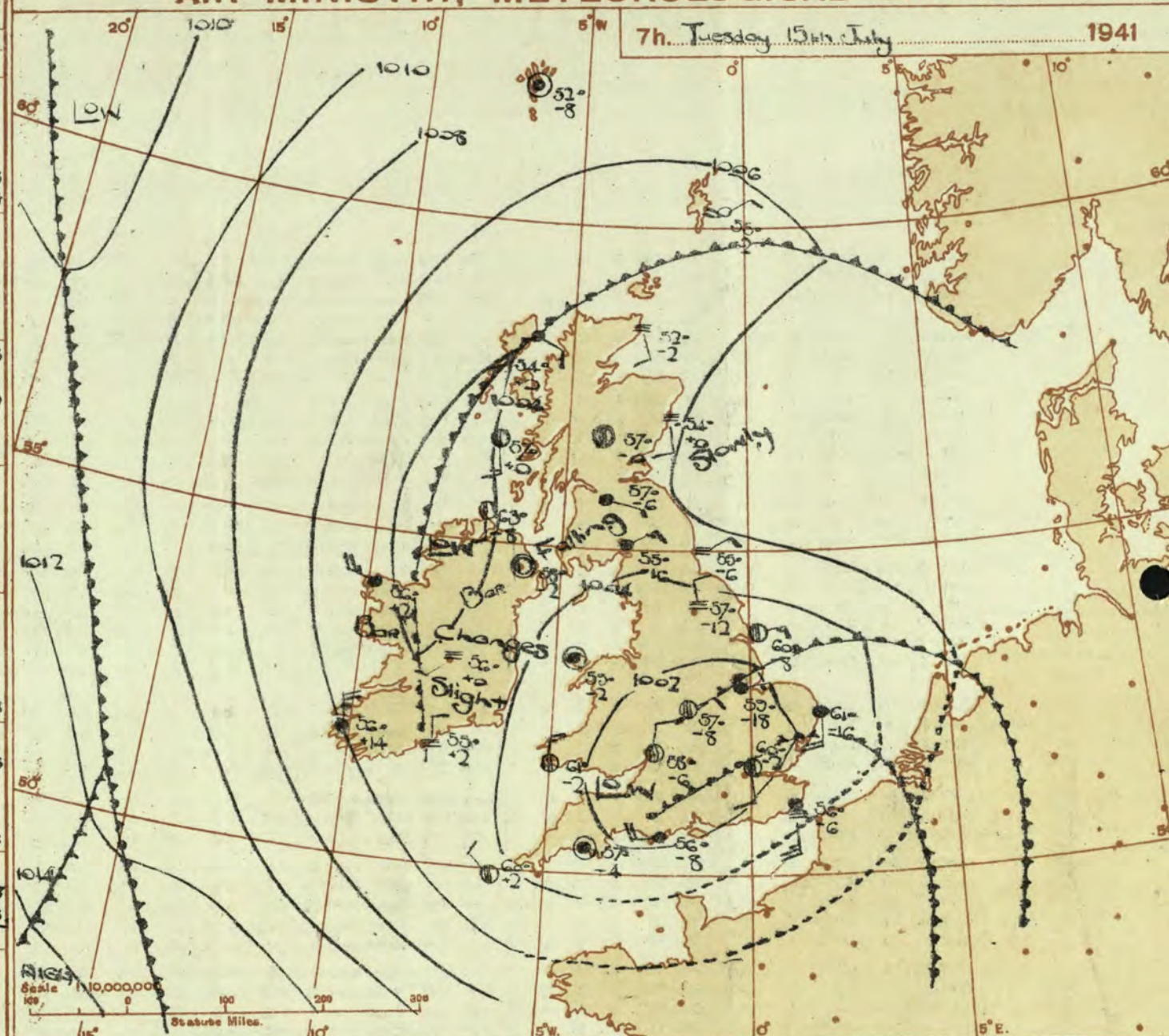
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |       |       |                                 |       |       |                |                                 |       |                |       |
|------------------------------------------------------------------------------|----------------|-------|-------|---------------------------------|-------|-------|----------------|---------------------------------|-------|----------------|-------|
| 13h. G.M.T. 14h. July 15th July                                              |                |       |       | 18h. G.M.T. 19h. July 15th July |       |       |                | 01h. G.M.T. 02h. July 16th July |       |                |       |
| III                                                                          | C <sub>h</sub> | wwVhN | DDFWN | C <sub>h</sub>                  | wwVhN | DDFWN | C <sub>h</sub> | wwVhN                           | DDFWN | C <sub>h</sub> | wwVhN |
| 109                                                                          | 5              | 02747 | 08427 | 5                               | 02834 | 08586 | 5              | 03739                           | 06328 | 5              | 03528 |
| 115                                                                          | 52             | 02734 | 08587 | 54                              | 01838 | 00028 | 5              | 31734                           | 08587 | 52             | 09734 |
| 203                                                                          |                |       |       | 5                               | 61838 | 00028 | 5              | 52838                           | 30168 |                |       |
| 206                                                                          | 5              | 21728 | 02358 | 5                               | 09738 | 04258 | 5              | 54518                           | 00068 | 5              | 02738 |
| 210                                                                          | 5              | 02638 | 04358 | 5                               | 51618 | 04158 | 5              | 21628                           | 00058 | 50             | 01943 |
| 220                                                                          | 57             | 52853 | 13397 | 57                              | 02854 | 14728 |                |                                 |       | 52             | 02734 |
| 230                                                                          | 51             | 02857 | 20208 | 61                              | 62646 | 00068 | 54             | 47204                           | 00064 | 50             | 05651 |
| 245                                                                          | 5              | 02838 | 05458 | 5                               | 59748 | 04368 | 5              | 52448                           | 12158 | 5              | 05606 |
| 260                                                                          | 5              | 52418 | 04188 | 5                               | 22638 | 08168 | 5              | 45208                           | 00048 | 5              | 52418 |
| 277                                                                          |                |       |       |                                 |       |       |                |                                 |       |                |       |
| 279                                                                          | 52             | 02744 | 02127 | 82                              | 02854 | 30128 |                |                                 |       | 5              | 05658 |
| 285                                                                          | 10             | 02854 | 14326 |                                 |       |       |                |                                 |       |                |       |
| 288                                                                          | 5              | 02857 | 02227 | 83                              | 02754 | 18217 | 50             | 47273                           | 00013 |                |       |
| 273                                                                          |                |       |       |                                 |       |       |                |                                 |       |                |       |
| 301                                                                          | 20             | 02742 | 15413 | 86                              | 01853 | 20224 | 5              | 05658                           | 04218 | 57             | 62644 |
| 321                                                                          | 8              | 02754 | 19324 | 70                              | 01853 | 18313 | 5              | 02677                           | 10227 | 67             | 22655 |
| 299                                                                          | 77             | 05644 | 15214 | 70                              | 01753 | 15313 | 50             | 01753                           | 17413 | 57             | 05644 |
| 292                                                                          | 86             | 02766 | 19227 | 40                              | 02764 | 19114 | 53             | 01674                           | 00014 | 8              | 02765 |
| 310                                                                          |                |       |       |                                 |       |       |                |                                 |       |                |       |
| 316                                                                          | 8              | 01755 | 16325 | 27                              | 01763 | 16214 | 02             | 64566                           | 12268 | 62             | 54426 |
| 338                                                                          |                | 02966 | 18216 | 24                              | 01962 | 24213 | 54             | 02864                           | 24216 | 62             | 62738 |
| 334                                                                          |                |       |       |                                 | 02754 | 18315 |                |                                 |       |                | 03537 |
| 340                                                                          | 8              | 02965 | 14325 | 83                              | 01963 | 10323 | 5              | 64647                           | 00088 | 52             | 62447 |
| 136                                                                          | 20             | 02865 | 18315 | 26                              | 01963 | 15313 | 5              | 62778                           | 09268 | 5              | 55526 |
| 336                                                                          | 13             | 01763 | 12325 | 52                              | 25763 | 12317 |                |                                 |       | 62             | 34643 |
| 350                                                                          | 20             | 01865 | 14415 | 8                               | 02757 | 10327 | 57             | 05664                           | 12266 | 62             | 64529 |
| 368                                                                          | 86             | 01955 | 12316 |                                 |       |       |                |                                 |       | 52             | 65636 |
| 379                                                                          |                |       |       | 8                               | 81645 | 12387 | 5              | 22744                           | 06266 | 5              | 41408 |
| 390                                                                          |                | 01754 | 12315 | 5                               | 02758 | 14328 | 5              | 62648                           | 10268 | 62             | 61636 |
| 382                                                                          | 13             | 02955 | 12415 | 52                              | 25836 | 08388 | 53             | 02664                           | 08228 | 62             | 22637 |
| 438                                                                          | 70             | 02874 | 04414 |                                 |       |       |                |                                 |       |                |       |
| 430                                                                          | 54             | 02855 | 12416 | 57                              | 61767 | 10367 | 5              | 54648                           | 12368 | 62             | 63527 |
| 409                                                                          | 50             | 62628 | 12466 | 26                              | 81946 | 06287 | 26             | 61644                           | 30226 | 52             | 64617 |

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>h</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. 15th July 1941                                                                                          |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                                          | Moderate south to southwest winds; local showers or thunderstorms; some bright periods; average temperature.                                                  |
| 2 E. England ...                                        |                                                                                                                                                               |
| 3 E. Midlands ...                                       | Light or moderate east or northeast winds becoming variable; dull and rainy at first; bright intervals and showers later; local thunder; average temperature. |
| 4 W. Midlands ...                                       |                                                                                                                                                               |
| 5 S.W. England                                          | Light to moderate north to northwest winds; local thundery showers, bright intervals; average temperature.                                                    |
| 6 South Wales ...                                       |                                                                                                                                                               |
| 7 North Wales ...                                       | Light variable or easterly winds; cloudy with thundery rain at times; rather persistent fog on east coast; rather cool to average temperature.                |
| 8 N.W. England                                          |                                                                                                                                                               |
| 9 N. Midlands ...                                       |                                                                                                                                                               |
| 10 N.E. England                                         |                                                                                                                                                               |
| 11 S.E. Scotland                                        |                                                                                                                                                               |
| 12 S.W. Scotland & Isle of Man.                         |                                                                                                                                                               |
| 13 { A.W. Scotl <sup>d</sup> .<br>B.N.W. Scot-<br>land. |                                                                                                                                                               |
| 14 Mid Scotland                                         |                                                                                                                                                               |
| 15 N. E. Scotland                                       |                                                                                                                                                               |
| 16 Orkneys and Shetlands                                |                                                                                                                                                               |
| 17 N. W. Ireland                                        | Moderate northwest wind; cloudy with occasional rain; some bright intervals later average temperature                                                         |
| 18 N. E. Ireland                                        | Light variable winds; fine at first, but some thundery rain later;                                                                                            |
| 19 S. E. Ireland                                        | average temperature.                                                                                                                                          |
| 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.**

A depression over southern England is moving northeast and will turn north. Weather will be generally unsettled with some rain in most districts with local thunder, but brighter conditions will spread northwards from southern England. Fog will be rather persistent on northeast coasts.

**FURTHER OUTLOOK.**

Rain at times in many districts.

Warm Front   
 Cold Front   
 Occlusion

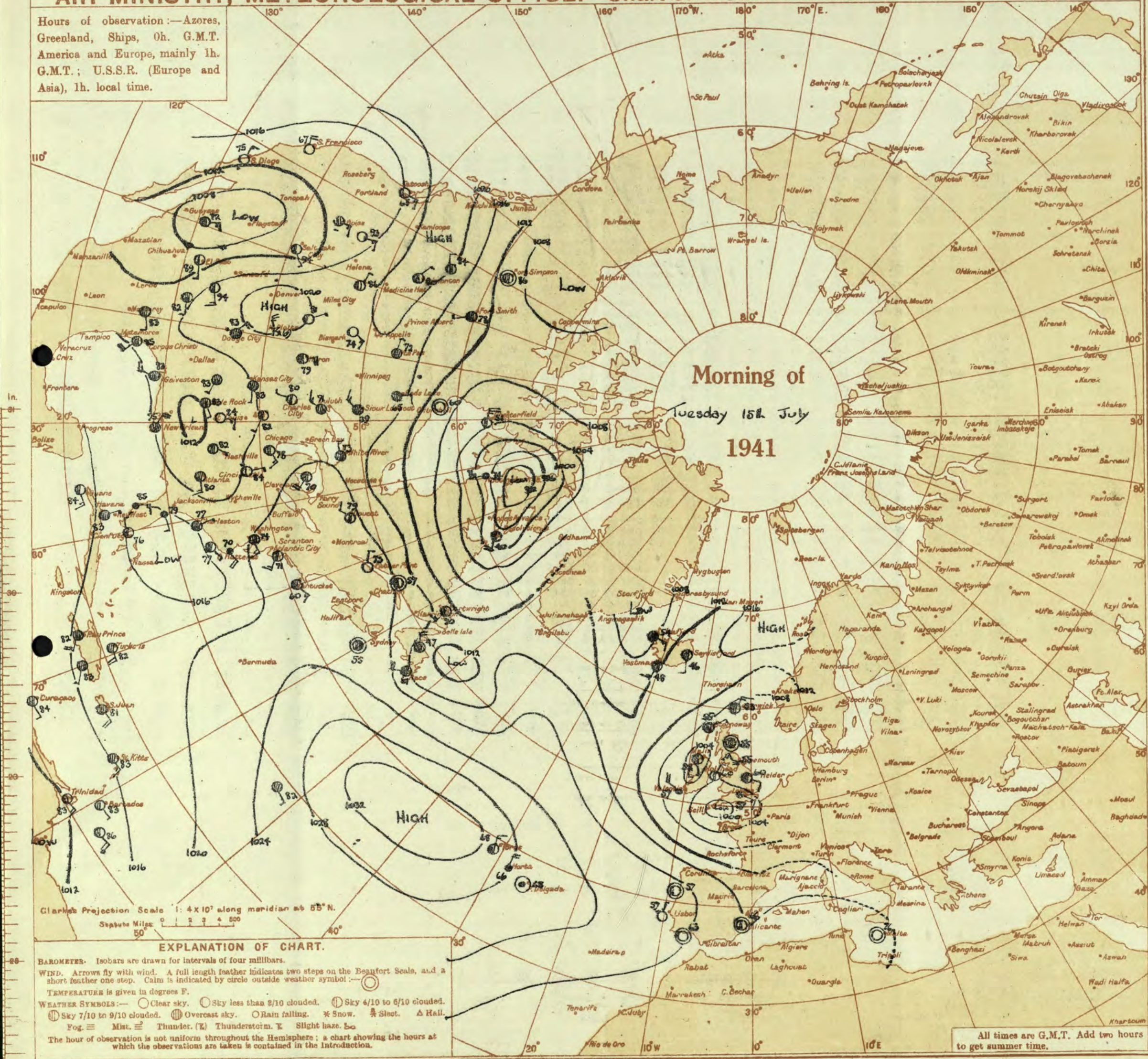
Forecasts issued at 10.30h. G.M.T.

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

H.M.S.O. Press, Cornwall House, S.E.1. G.266. No. 0176. 0.6034. Q. 943 9300. 5/41



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.



All times are G.M.T. Add two hours to get summer time.



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

BRITISH SECTION

Tuesday, 15th July, 1941

No. 29,030

| OBSERVATIONS at 1 hr. G.M.T. 15th July |           |                              |                      |                    |        |        |          |           |          |            |        |      |       |      | OBSERVATIONS at 7 hr. G.M.T. 15th July |                       |                    |       |       |          |           |          |            |         |                        |        |        |      |                  | PAST 24 HOURS. |              |       |       |           |                        |                     |               |                       |                   |                |                  |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      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|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      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|----------------------------------------|-----------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|------|-------|------|----------------------------------------|-----------------------|--------------------|-------|-------|----------|-----------|----------|------------|---------|------------------------|--------|--------|------|------------------|----------------|--------------|-------|-------|-----------|------------------------|---------------------|---------------|-----------------------|-------------------|----------------|------------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----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| DISTRICT.                              | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. |      |       |      |                                        | Barom. at M.S.L. (16) | Change in 3 hours. | Wind. |       | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud.  |                        |        |        |      | State of Ground. | Sea.           | TEMPERATURE. |       |       | RAINFALL. |                        |                     | SUNSHINE Hrs. |                       |                   |                |                  |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                        |           |                              |                      |                    | Direc. | Force. |          |           |          |            | Low.   | Med. | High. | Low. | Med.                                   |                       |                    | High. | Form. |          |           |          |            | Amount. | Height of Base (feet). | Direc. | Force. | Low. |                  |                | Med.         | High. | 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. | 24-hr. 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 |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION  
Wednesday 16th July 1941  
No. 29,021.

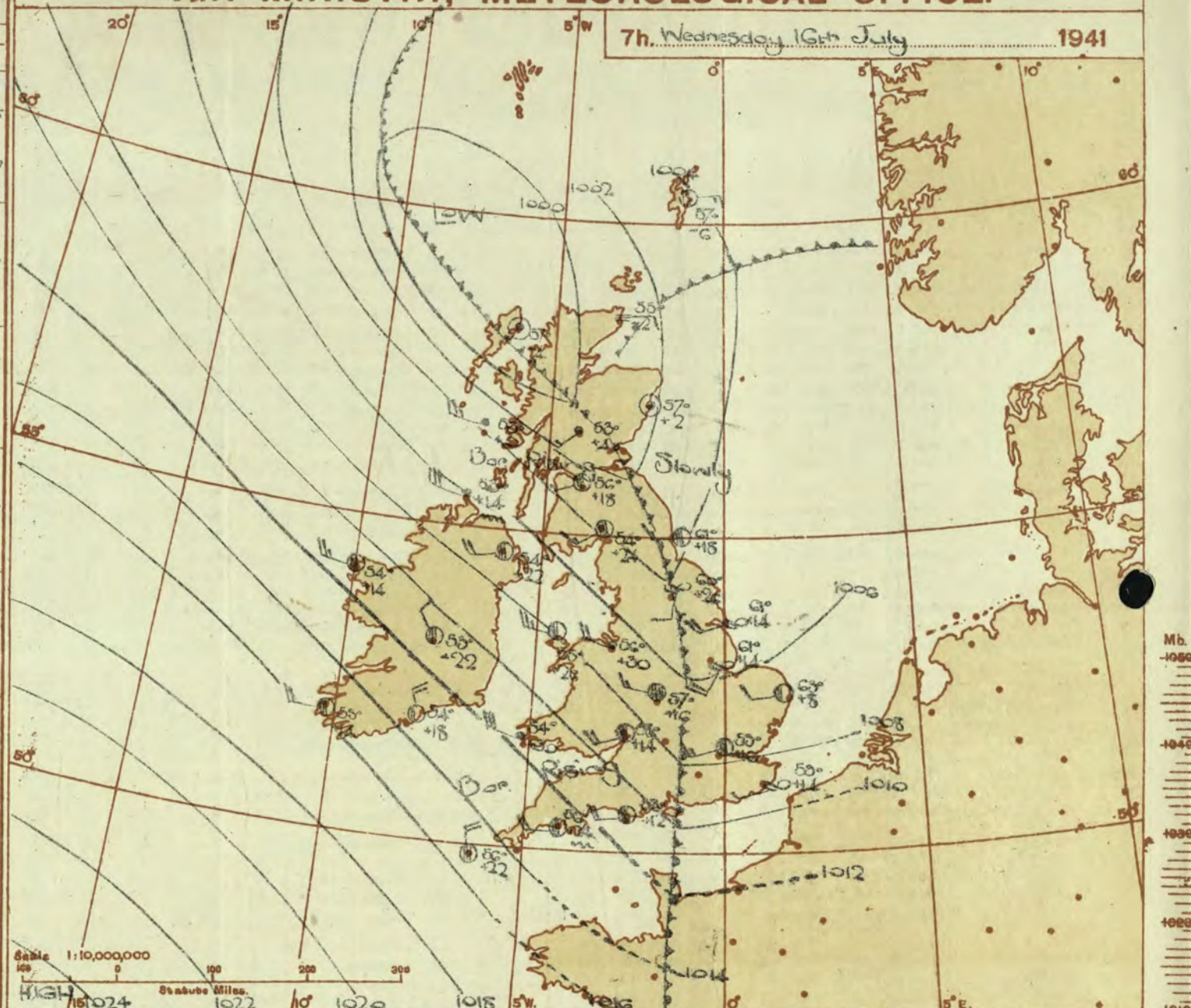
| OBSERVATIONS at 13h. G.M.T. 15th July |                                                                                                                         |                                                                    |                                                      |                                              |                                 |                                             |                                        |                                        |                                 |                                 |                                 |                                 |                                         | OBSERVATIONS at 18h. G.M.T. 15th July             |                                                                    |                                                                    |                                                      |                                             |                                         |                                        |                                        |                                        |                                 |                                 |                                             |                                                     |                                                      | PAST 24 HOURS.                  |                                 |                                                             |                                                  |                                                 |                                   |                                   |                                   |        |        |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------|---------------------------------|---------------------------------------------|----------------------------------------|----------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------------|---------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------|-----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|---------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------|------------------------------------------------------|---------------------------------|---------------------------------|-------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------|--------|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.)                                                                                    | Barom.<br>at<br>M.S.L.<br>(1)                                      | Change in<br>3 hours.<br>(2)                         | Wind.                                        |                                 | Weather.<br>(5)                             | Temp.<br>°F.<br>(6)                    | % Humid.<br>(7)                        | Visibility.<br>(8)              | Cloud.                          |                                 |                                 |                                         |                                                   | Barom.<br>at<br>M.S.L.<br>(15)                                     | Change in<br>3 hours.<br>(16)                                      | Wind.                                                |                                             | Weather.<br>(19)                        | Temp.<br>°F.<br>(20)                   | % Humid.<br>(21)                       | Visibility.<br>(22)                    | Cloud.                          |                                 |                                             |                                                     |                                                      | State of<br>Ground.<br>(29)     | Sea.<br>(30)                    | WEATHER.                                                    |                                                  |                                                 |                                   |                                   |                                   |        |        |
|                                       |                                                                                                                         |                                                                    |                                                      | Dirce.<br>(3)                                | Force.<br>(4)                   |                                             |                                        |                                        |                                 | Low.<br>(9)                     | Med.<br>(10)                    | High<br>(11)                    | Low<br>0-10<br>(12)                     | Total<br>0-10<br>(13)                             |                                                                    |                                                                    | Height of<br>Base.<br>(feet)<br>(14)                 | Low.<br>(23)                                |                                         |                                        |                                        |                                        | Med.<br>(24)                    | High<br>(25)                    | Low<br>0-10<br>(26)                         | Total<br>0-10<br>(27)                               | Height of<br>Base<br>(feet)<br>(28)                  |                                 |                                 | 7h.—13h.<br>15th<br>(37)                                    | 13h.—18h.<br>15th<br>(38)                        | 18h. to<br>1h. 16th<br>(39)                     | 1h.—7h.<br>16th<br>(40)           |                                   |                                   |        |        |
|                                       |                                                                                                                         |                                                                    |                                                      |                                              |                                 |                                             |                                        |                                        |                                 |                                 |                                 |                                 |                                         |                                                   |                                                                    |                                                                    |                                                      |                                             |                                         |                                        |                                        |                                        |                                 |                                 |                                             |                                                     |                                                      |                                 |                                 |                                                             |                                                  |                                                 |                                   |                                   |                                   |        |        |
| 1                                     | London (Kew) ...<br>Croydon ...<br>S. Farnborough<br>Boscombe Down<br>Thorney Island<br>Lymington ...<br>Manston ...    | 1002.6<br>1002.5<br>1003.0<br>1003.3<br>1004.1<br>1005.8<br>1004.7 | +1.6<br>+1.4<br>+1.3<br>+1.4<br>+1.3<br>+1.0<br>+1.3 | SSW<br>SW<br>SSW<br>SW<br>WSW<br>WSW<br>SW/S | 4<br>3<br>4<br>4<br>3<br>4<br>5 | q/pr<br>q/pr<br>pr<br>q/pr<br>c<br>pr<br>pr | 64<br>60<br>63<br>62<br>63<br>63<br>61 | 85<br>82<br>85<br>85<br>75<br>85<br>87 | 8<br>8<br>7<br>6<br>9<br>8<br>7 | 5<br>5<br>6<br>5<br>3<br>5<br>3 | -<br>-<br>-<br>-<br>1<br>-<br>- | -<br>-<br>-<br>-<br>4<br>3<br>- | 10<br>7-8<br>7-8<br>10<br>10<br>9<br>10 | 1300<br>600<br>1200<br>1500<br>1500<br>300<br>800 | 1004.2<br>1004.4<br>1004.3<br>1004.6<br>1005.0<br>1006.6<br>1005.1 | +1.6<br>+1.2<br>+1.0<br>+1.8<br>+1.6<br>+1.4<br>+1.4               | SW<br>S<br>SW/S<br>WN<br>SW/W<br>WS<br>SW            | 4<br>3<br>4<br>4<br>3<br>3<br>4             | q/pr<br>q/pr<br>pr<br>z<br>c<br>c<br>bc | 63<br>62<br>63<br>62<br>64<br>62<br>66 | 85<br>85<br>82<br>85<br>85<br>85<br>75 | 8<br>8<br>7<br>8<br>8<br>5<br>8        | 3<br>4<br>3<br>4<br>5<br>1<br>- | -<br>-<br>-<br>-<br>-<br>5<br>- | 2-3<br>2-3<br>4-6<br>4-6<br>3<br>4-6<br>2-3 | 1500<br>2000<br>1400<br>2000<br>5700<br>800<br>1800 | 1<br>1<br>1<br>1<br>0<br>1<br>1                      | *                               | *                               | rigpr<br>cndrm<br>cprpr<br>cd.d.m.<br>cndrm<br>fddrm<br>ddr | cprpr<br>cpr<br>prpr<br>cpr<br>cpr<br>cpr<br>cpr | cpr<br>cbe<br>cprbc<br>cpr<br>cpr<br>cpr<br>cpr | c<br>cbe<br>c<br>c<br>c<br>c<br>c |                                   |                                   |        |        |
| 2                                     | Shoeburyness ...<br>Felixstowe ...<br>Gorleston ...<br>Mildenhall ...<br>Cranwell ...                                   | 1003.7<br>1003.0<br>1002.9<br>1000.3<br>1000.4                     | +1.0<br>+1.6<br>0<br>+1.6<br>-2                      | SSW<br>SSW<br>SW<br>S<br>SSW                 | 5<br>6<br>6<br>3<br>2           | c<br>q/pr<br>c<br>q/pr<br>TLR               | 64<br>65<br>63<br>62<br>63             | 75<br>65<br>85<br>82<br>85             | 8<br>9<br>7<br>8<br>7           | 9<br>7<br>6<br>8<br>7           | -<br>-<br>-<br>-<br>-           | -<br>-<br>-<br>-<br>-           | 3<br>3<br>7-8<br>3<br>3                 | 1500<br>1500<br>1000<br>1600<br>1500              | 1004.5<br>1003.7<br>1003.3<br>1002.3<br>1001.2                     | +1.4<br>+1.6<br>0<br>+1.4<br>+1.8                                  | SSW<br>SSW<br>SW<br>SW<br>SW                         | 4<br>4<br>4<br>4<br>3                       | bc<br>c<br>c<br>q/pr<br>q/pr            | 67<br>67<br>67<br>64<br>63             | 65<br>75<br>65<br>85<br>85             | 8<br>8<br>8<br>7<br>7                  | 2<br>2<br>8<br>8<br>5           | -<br>1<br>-<br>-<br>-           | 2-3<br>2-3<br>7-8<br>7-8<br>7-8             | 2500<br>2000<br>1500<br>2000<br>2000                | 0<br>1<br>1<br>1<br>1                                | 3<br>4<br>4<br>1<br>1           | *                               | *                                                           | cir<br>cpr<br>cpr<br>cpr<br>cpr                  | c<br>cpr<br>cpr<br>cpr<br>cpr                   | bbe<br>cbe<br>cbe<br>cbe<br>cbe   | bee<br>cbe<br>cbe<br>cbe<br>cbe   |                                   |        |        |
| 3                                     | Birmingham<br>Upper Heyford                                                                                             | 1001.1<br>1001.1                                                   | 0<br>+2                                              | NW<br>WSW                                    | 2<br>3                          | c<br>z                                      | 61<br>60                               | 85<br>85                               | 8<br>5                          | 7<br>6                          | -<br>-                          | -<br>-                          | 2-3<br>3                                | 2500<br>1500                                      | 1005.7<br>1003.1                                                   | +1.6<br>+1.8                                                       | WNW<br>W                                             | 3<br>3                                      | c<br>pr                                 | 59<br>61                               | 85<br>85                               | 7<br>6                                 | 6<br>7                          | -<br>-                          | 10<br>7-8                                   | 10<br>3                                             | 800<br>2000                                          | 1<br>1                          | *                               | *                                                           | cir<br>cndrm                                     | cpr<br>cpr                                      | c<br>c                            | co<br>c                           |                                   |        |        |
| 4                                     | Ross-on-Wye                                                                                                             | 1001.3                                                             | 0                                                    | SW                                           | 3                               | c                                           | 64                                     | 75                                     | 7                               | 7                               | -                               | -                               | 7-8                                     | 10                                                | 1003.2                                                             | +1.6                                                               | S                                                    | 3                                           | pr                                      | 61                                     | 92                                     | 6                                      | 7                               | 7                               | -                                           | 7-8                                                 | 3                                                    | 2500                            | 1                               | *                                                           | *                                                | cndrm                                           | cpr                               | c                                 | c                                 |        |        |
| 5                                     | Hartland Point<br>Bristol ...<br>Portland Bill ...<br>Plymouth ...<br>The Lizard ...<br>Scilly (St. Mary's)<br>Guernsey | 1004.6<br>1002.3<br>1003.3<br>1005.0<br>1005.7<br>1005.3<br>1004.8 | +1.2<br>+1.0<br>+1.3<br>+1.0<br>+1.3<br>+1.3<br>+1.6 | WNW<br>W<br>W<br>W<br>WNW<br>WNW<br>WNW      | 3<br>4<br>4<br>3<br>3<br>3<br>2 | c<br>c<br>c<br>q/pr<br>b.<br>c              | 61<br>66<br>60<br>64<br>57<br>64<br>64 | 85<br>85<br>85<br>85<br>75<br>85<br>85 | 8<br>8<br>8<br>8<br>8<br>8<br>8 | 2<br>8<br>5<br>8<br>8<br>8<br>8 | 7<br>7<br>7<br>-<br>-<br>4<br>7 | -<br>-<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>-<br>-         | 2-3<br>7-8<br>4-6<br>3<br>3<br>4-6<br>7-8         | 2500<br>2200<br>2500<br>2500<br>4000<br>1006.3<br>1500             | 1005.7<br>1004.6<br>1005.0<br>1006.3<br>1006.3<br>1006.3<br>1007.3 | +1.6<br>+1.6<br>+1.8<br>+1.6<br>+1.6<br>+1.6<br>+1.0 | WNW<br>WS<br>SW<br>WNW<br>WNW<br>WNW<br>WNW | 3<br>3<br>4<br>3<br>4<br>4<br>4         | c<br>c<br>c<br>c<br>c<br>c<br>cjp      | 62<br>65<br>59<br>65<br>61<br>61<br>63 | 85<br>75<br>82<br>75<br>82<br>85<br>85 | 8<br>8<br>8<br>8<br>8<br>8<br>8 | 2<br>3<br>3<br>5<br>7<br>8<br>8 | -<br>2<br>2<br>-<br>-<br>-<br>-             | 2-3<br>7-8<br>7-8<br>4-6<br>7-8<br>7-8<br>4-6       | 1500<br>2000<br>2500<br>2000<br>2500<br>2500<br>1500 | 0<br>1<br>1<br>1<br>0<br>0<br>0 | 3<br>3<br>3<br>3<br>3<br>3<br>3 | *                                                           | *                                                | cir<br>c<br>c<br>c<br>c<br>c<br>c               | c<br>c<br>c<br>c<br>c<br>c<br>c   | cir<br>c<br>c<br>c<br>c<br>c<br>c | cir<br>c<br>c<br>c<br>c<br>c<br>c |        |        |
| 6                                     | Pembroke                                                                                                                | 1004.8                                                             | +1.6                                                 | WNW                                          | 3                               | c                                           | 58                                     | 82                                     | 7                               | 8                               | 1                               | -                               | 7-8                                     | 10                                                | 1005.7                                                             | +1.8                                                               | WS                                                   | 4                                           | c                                       | 61                                     | 82                                     | 8                                      | 2                               | 3                               | 5                                           | Tr                                                  | 7-8                                                  | 3500                            | 0                               | 2                                                           | c                                                | cbe                                             | cpr                               | cpr                               |                                   |        |        |
| 7                                     | Holyhead (Valley)                                                                                                       | *                                                                  | *                                                    | WNW                                          | 2                               | ir                                          | 60                                     | 82                                     | 7                               | 5                               | 2                               | *                               | 3                                       | 10                                                | 1003.0                                                             | +1.4                                                               | SW                                                   | 3                                           | c                                       | 59                                     | 85                                     | 8                                      | 5                               | 7                               | -                                           | 4-6                                                 | 3                                                    | 3000                            | 1                               | 2                                                           | c                                                | c                                               | c                                 | c                                 |                                   |        |        |
| 8                                     | Chester (Sealand)                                                                                                       | 1001.3                                                             | +2                                                   | NW/N                                         | 4                               | ir                                          | 60                                     | 85                                     | 5                               | 6                               | -                               | -                               | 10                                      | 10                                                | 1002.0                                                             | 0                                                                  | WNW                                                  | 3                                           | z                                       | 62                                     | 75                                     | 8                                      | 5                               | 7                               | -                                           | 3                                                   | 10                                                   | 3000                            | 1                               | *                                                           | RRR                                              | ir                                              | c                                 | c                                 |                                   |        |        |
| 9                                     | Manchester                                                                                                              | 1004.6                                                             | -4                                                   | NE/E                                         | 2                               | dr                                          | 62                                     | 85                                     | 3                               | 6                               | 7                               | -                               | 7-8                                     | 10                                                | 1001.6                                                             | 0                                                                  | WS                                                   | 2                                           | z                                       | 61                                     | 87                                     | 5                                      | 6                               | 2                               | -                                           | 7-8                                                 | 10                                                   | 800                             | 1                               | *                                                           | RRR                                              | ir                                              | c                                 | c                                 |                                   |        |        |
| 10                                    | Spurn Head<br>Catterick<br>Tynemouth                                                                                    | 1000.3<br>1001.7<br>1003.6                                         | -8<br>-12<br>-6                                      | SE/E<br>NE<br>NNE                            | 4<br>3<br>3                     | ir<br>ir<br>bc                              | 59<br>64<br>61                         | 87<br>75<br>85                         | 6<br>7<br>6                     | 3<br>5<br>7                     | -<br>-<br>-                     | -<br>-<br>-                     | 4-6<br>10<br>4-6                        | 7-8<br>10<br>4-6                                  | 2500<br>1500<br>2500                                               | 1000.1<br>1000.0<br>1002.4                                         | 0<br>-4<br>-4                                        | S<br>NW<br>E                                | 3<br>2<br>2                             | ir<br>c/r<br>bc                        | 64<br>62<br>60                         | 85<br>82<br>82                         | 7<br>6<br>6                     | 8<br>5<br>2                     | -<br>-<br>-                                 | 7-8<br>7-8<br>4-6                                   | 7-8<br>10<br>1500                                    | 1<br>1<br>1                     | 3<br>3<br>2                     | *                                                           | *                                                | cir<br>c<br>c                                   | cir<br>c<br>c                     | c<br>c<br>c                       | c<br>c<br>c                       |        |        |
| 11                                    | St. Abbs Head<br>Leuchars                                                                                               | 1004.4<br>1004.7                                                   | -10<br>-4                                            | NW<br>SE                                     | 2<br>2                          | F<br>F                                      | 55<br>57                               | 87<br>87                               | 1<br>4                          | -<br>-                          | -<br>-                          | -<br>-                          | 10<br>10                                | 1150<br>100                                       | 1002.2<br>1002.3                                                   | -10<br>-14                                                         | N<br>E                                               | 1<br>2                                      | F<br>ir                                 | 55<br>61                               | 87<br>82                               | 1<br>6                                 | -<br>5                          | -<br>-                          | -<br>-                                      | 10<br>10                                            | 1150<br>800                                          | 1<br>1                          | 2<br>1                          | *                                                           | *                                                | F<br>F                                          | F<br>F                            | c<br>c                            | c                                 |        |        |
| 12                                    | Renfrew (Abbots L.)<br>Baldernair<br>Point of Ayre                                                                      | 1004.5<br>1002.3<br>1003.1                                         | -4<br>-8<br>-2                                       | E<br>NNE<br>NW                               | 2<br>2<br>1                     | ir<br>c<br>ir                               | 59<br>61<br>61                         | 85<br>85<br>82                         | 5<br>7<br>6                     | 5<br>5<br>5                     | -<br>-<br>-                     | -<br>-<br>-                     | 10<br>10<br>3                           | 10<br>10<br>10                                    | 700<br>2500<br>800                                                 | 1002.7<br>1000.7<br>1001.8                                         | -12<br>-8<br>-6                                      | E<br>EN<br>WN                               | 2<br>3<br>4                             | ir<br>c<br>c                           | 61<br>63<br>61                         | 82<br>85<br>85                         | 1<br>6<br>8                     | -<br>8<br>5                     | -<br>-                                      | 10<br>10<br>7-8                                     | 1150<br>1500<br>2500                                 | 1<br>1<br>0                     | 2<br>3<br>3                     | *                                                           | *                                                | cir<br>c<br>c                                   | cir<br>c<br>c                     | c<br>c<br>c                       | c<br>c<br>c                       |        |        |
| 13A                                   | Tiree                                                                                                                   | 1003.6                                                             | -2                                                   | SE/S                                         | 3                               | bc                                          | 64                                     | 85                                     | 7                               | 1                               | -                               | -                               | 5                                       | 1                                                 | 2-3                                                                | 2800                                                               | 1002.2                                               | -2                                          | SW                                      | 3                                      | c                                      | 59                                     | 85                              | 7                               | 5                                           | -                                                   | -                                                    | 7-8                             | 7-8                             | 1500                                                        | 0                                                | 3                                               | bc                                | c                                 | c                                 | c      |        |
| 13B                                   | Stornoway                                                                                                               | 1003.5                                                             | -10                                                  | SE                                           | 1                               | bc                                          | 59                                     | 82                                     | 7                               | 1                               | 4                               | 5                               | 1                                       | 2-3                                               | 3500                                                               | 1001.2                                                             | -10                                                  | SE                                          | 1                                       | bc                                     | 63                                     | 85                                     | 7                               | 8                               | 3                                           | 1                                                   | 2-3                                                  | 4-6                             | 3000                            | 1                                                           | 1                                                | cndrm                                           | c                                 | c                                 | c                                 |        |        |
| 15                                    | Dalwhinnie<br>Aberdeen<br>Wick                                                                                          | 1003.5<br>1005.5<br>1005.4                                         | -6<br>-2<br>-2                                       | S<br>E<br>SE                                 | 2<br>2<br>3                     | c<br>c<br>c                                 | 71<br>60<br>57                         | 55<br>85<br>82                         | 8<br>6<br>2                     | 2<br>5<br>2                     | -<br>-<br>-                     | -<br>-<br>-                     | 4-6<br>0<br>10                          | 7-8<br>500<br>1500                                | 1002.6<br>1003.6<br>1004.6                                         | +4<br>-10<br>-4                                                    | S<br>EN<br>ESE                                       | 3<br>2<br>3                                 | c<br>ir<br>c                            | 62<br>59<br>55                         | 65<br>82<br>87                         | 8<br>7<br>2                            | 6<br>5<br>1                     | -<br>-<br>-                     | 7-8<br>10<br>10                             | 800<br>1100<br>1150                                 | 0<br>1<br>0                                          | 2<br>2<br>*                     | *                               | *                                                           | c<br>c<br>c                                      | c<br>c<br>c                                     | c<br>c<br>c                       | c<br>c<br>c                       |                                   |        |        |
| 16                                    | Leuchars                                                                                                                | 1007.0                                                             | +6                                                   | S/E                                          | 2                               | q/pr                                        | 57                                     | 87                                     | 2                               | 5                               | -                               | -                               | 10                                      | 10                                                | 1150                                                               | 1006.3                                                             | -2                                                   | SE/S                                        | 3                                       | c                                      | 57                                     | 87                                     | 2                               | 5                               | -                                           | -                                                   | 10                                                   | 10                              | 500                             | 0                                                           | *                                                | r                                               | d                                 | d                                 | d                                 |        |        |
| 17                                    | Blackad Point                                                                                                           | 1006.3                                                             | +1.0                                                 | NW                                           | 5                               | ir                                          | 56                                     | 87                                     | 6                               | 6                               | -                               | -                               | 10                                      | 10                                                | 1150                                                               | 1007.5                                                             | +1.2                                                 | SW                                          | 6                                       | ir                                     | 54                                     | 82                                     | 7                               | 6                               | -                                           | -                                                   | 10                                                   | 10                              | 800                             | 2                                                           | 4                                                | ir                                              | c                                 | c                                 | c                                 |        |        |
| 18                                    | Malin Head<br>Aldergrove                                                                                                | 1002.3<br>1002.7                                                   | -6<br>-10                                            | W<br>SW                                      | 3<br>1                          | c<br>bc                                     | 63<br>51                               | 85<br>65                               | 7<br>8                          | 5<br>2                          | 3<br>3                          | 4<br>2                          | 2-3<br>2-3                              | 7-8<br>4-6                                        | 1500<br>2500                                                       | 1003.1<br>1002.6                                                   | +4<br>+2                                             | W<br>SW                                     | 5<br>1                                  | c<br>ir                                | 59<br>62                               | 85<br>85                               | 8<br>6                          | 3<br>8                          | -<br>7                                      | -<br>-                                              | 3<br>7-8                                             | 3<br>10                         | 1500<br>1500                    | 0<br>1                                                      | 3<br>4                                           | *                                               | *                                 | c<br>bc                           | c<br>bc                           | c<br>c | c<br>c |
| 19                                    | Birr Castle                                                                                                             | 1004.0                                                             | -2                                                   | SSW                                          | 2                               | c                                           | 66                                     | 75                                     | 8                               | 8                               | 7                               | -                               | 7-8                                     | 3                                                 | 1500                                                               | 1006.0                                                             | +1.4                                                 | WNW                                         | 2                                       | c                                      | 55                                     | 87                                     | 8                               | 9                               | 2                                           | -                                                   | 7-8                                                  | 10                              | 1500                            | 0                                                           | *                                                | c                                               | cpr                               | cpr                               | c                                 |        |        |
| 20                                    | Valentia Obay.<br>Roches Point                                                                                          | 1003.3<br>1005.4                                                   | +1.4<br>+6                                           | NW/N<br>N/W                                  | 5<br>5                          | c/r<br>c                                    | 57<br>61                               | 85<br>85                               | 8<br>8                          | 5<br>1                          | -<br>-                          | -<br>-                          | 3<br>7-8                                | 10<br>3                                           | 1500<br>1500                                                       | 1011.5<br>1006.3                                                   | +1.8<br>+1.6                                         | NW/N<br>WNW                                 | 5<br>6                                  | c<br>q/pr                              | 55<br>58                               | 87<br>85                               | 7<br>8                          | 9<br>8                          | 1<br>1                                      | -<br>-                                              | 7-8<br>7-8                                           | 10<br>3                         | 1500<br>1500                    | 0<br>1                                                      | 4<br>4                                           | *                                               | *                                 | c<br>c                            | c<br>c                            | c<br>c | c<br>c |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |    |       |       |             |       |       |    |             |       |    |       |
|------------------------------------------------------------------------------|----|-------|-------|-------------|-------|-------|----|-------------|-------|----|-------|
| 13h. G.M.T.                                                                  |    |       |       | 15h. G.M.T. |       |       |    | 01h. G.M.T. |       |    |       |
| III                                                                          | C  | wwVhN | DDFWN | C           | wwVhN | DDFWN | C  | wwVhN       | DDFWN | C  | wwVhN |
| 109                                                                          | 54 | 05028 | 14328 | 54          | 03418 | 13128 | 54 | 03638       | 12128 | 54 | 03109 |
| 115                                                                          | 54 | 07344 | 10325 | 54          | 09734 | 08228 | 52 | 01844       | 12688 | 79 | 09844 |
| 203                                                                          | 54 | 01844 | 08114 | 34          | 02848 | 06228 |    |             |       |    |       |
| 206                                                                          | 10 | 01843 | 04220 | 83          | 02757 | 08188 | 54 | 02857       | 09239 | 54 | 09645 |
| 210                                                                          | 50 | 01743 | 04113 | 43          | 02868 | 10227 | 52 | 02764       | 09227 | 54 | 02867 |
| 220                                                                          |    |       |       | 51          | 02634 | 16727 |    |             |       |    |       |
| 230                                                                          | 80 | 05854 | 20314 | 82          | 61654 | 20268 | 02 | 64628       | 58468 | 53 | 02813 |
| 245                                                                          | 54 | 01628 | 00358 | 54          | 51638 | 04358 | 64 | 22737       | 04267 | 53 | 05624 |
| 260                                                                          | 54 | 52628 | 04268 | 54          | 05668 | 08128 | 54 | 51418       | 00068 |    |       |
| 277                                                                          |    |       |       |             |       |       |    |             |       |    |       |
| 279                                                                          | 70 | 05650 | 04320 | 97          | 11688 | 24187 |    |             |       |    |       |
| 285                                                                          | 20 | 05635 | 12428 |             |       |       |    |             |       | 54 | 03638 |
| 288                                                                          | 62 | 05645 | 08358 | 36          | 03443 | 02314 | 54 | 05556       | 20188 |    |       |
| 273                                                                          |    |       |       |             |       |       |    |             |       |    |       |
| 301                                                                          | 52 | 04544 | 30268 | 52          | 32648 | 28368 | 54 | 05657       | 26457 | 24 | 02757 |
| 321                                                                          | 02 | 04730 | 12188 | 94          | 97637 | 22287 | 54 | 05548       | 20228 | 57 | 41657 |
| 299                                                                          | 57 | 22644 | 08354 | 87          | 25644 | 18288 | 50 | 05644       | 22214 | 87 | 05654 |
| 292                                                                          | 02 | 04528 | 04268 | 87          | 02755 | 30167 | 54 | 52648       | 24158 | 52 | 61547 |
| 310                                                                          | -- | 02628 | 04828 |             |       |       |    |             |       | -- | 57109 |
| 316                                                                          | 50 | 05830 | 30227 | 97          | 81624 | 24398 | 57 | 05558       | 22126 | 57 | 05536 |
| 333                                                                          | 51 | 01764 | 20308 | 57          | 02818 | 20367 | 52 | 54636       | 28558 | 52 | 21734 |
| 334                                                                          | -- | 04537 | 00268 |             |       |       |    |             |       | -- | 61746 |
| 340                                                                          |    |       |       | 52          | 02746 | 28228 | 54 | 02757       | 22328 | 54 | 02848 |
| 136                                                                          | 80 | 25848 | 10388 | 96          | 25854 | 18397 | 54 | 05568       | 19328 | 53 | 05624 |
| 336                                                                          | 52 | 22700 | 32308 | 13          | 01763 | 28418 |    |             |       | 52 | 63752 |
| 350                                                                          | 07 | 03055 | 18387 | 94          | 82538 | 03160 | 03 | 05590       | 20214 | 54 | 02747 |
| 368                                                                          | 62 | 01730 | 24888 |             |       |       |    |             |       | 67 | 21727 |
| 379                                                                          | 54 | 02747 | 22827 | 84          | 25644 | 24387 | 03 | 05690       | 22316 | 53 | 02845 |
| 390                                                                          | 62 | 02337 | 15408 | 57          | 02744 | 18428 | 53 | 02668       | 22386 | 53 | 02745 |
| 382                                                                          | 27 | 25845 | 22308 | 83          | 82846 | 24287 | 42 | 02763       | 21115 | 53 | 02846 |
| 438                                                                          | 84 | 14708 | 20508 |             |       |       |    |             |       | -- | 46009 |
| 430                                                                          | 87 | 02844 | 22300 | 27          | 02852 | 55427 | 53 | 05663       | 00015 | 83 | 02754 |
| 409                                                                          | 57 | 51735 | 25308 | 78          | 02843 | 26315 | 52 | 25646       | 26468 | 87 | 02744 |

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>h</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind (S = S, E = E, N = N, W = W, 32 = N).

# AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS.                                  | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 16th July...                                          |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                              | Moderate west to northwest wind, fresh locally; bright intervals; local thundery showers; fair later; cool.           |
| 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                             | Variable winds finally west to northwest, moderate backing southwesterly; occasional rain at first; fair later; cool. |
| 11 S.E. Scotland                            |                                                                                                                       |
| 12 S.W. Scotland & Isle of Man.             |                                                                                                                       |
| 13 { A.W. Scotl'd.<br>B.N.W. Scot-<br>land. |                                                                                                                       |
| 14 Mid Scotland                             |                                                                                                                       |
| 15 N. E. Scotland                           |                                                                                                                       |
| 16 Orkneys and Shetlands                    | Moderate northwest to west wind, fresh locally backing south later; fair at first; rain later; cool becoming milder.  |
| 17 N. W. Ireland                            |                                                                                                                       |
| 18 N. E. Ireland                            |                                                                                                                       |
| 19 S. E. Ireland                            |                                                                                                                       |
| 20 S. W. Ireland                            |                                                                                                                       |

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

**GENERAL INFERENCE.**

A depression over Scotland is moving north and a wedge of high pressure is approaching Ireland from the Atlantic. There will be bright intervals and local thundery showers in the South and occasional rain in the North but weather will become fair later over a large part of the British Isles.

**FURTHER OUTLOOK.**

Unsettled but probably only small amounts of rain in the South.

Warm Front

Cold Front

Occlusion

Forecasts issued at 10.00 G.M.T.

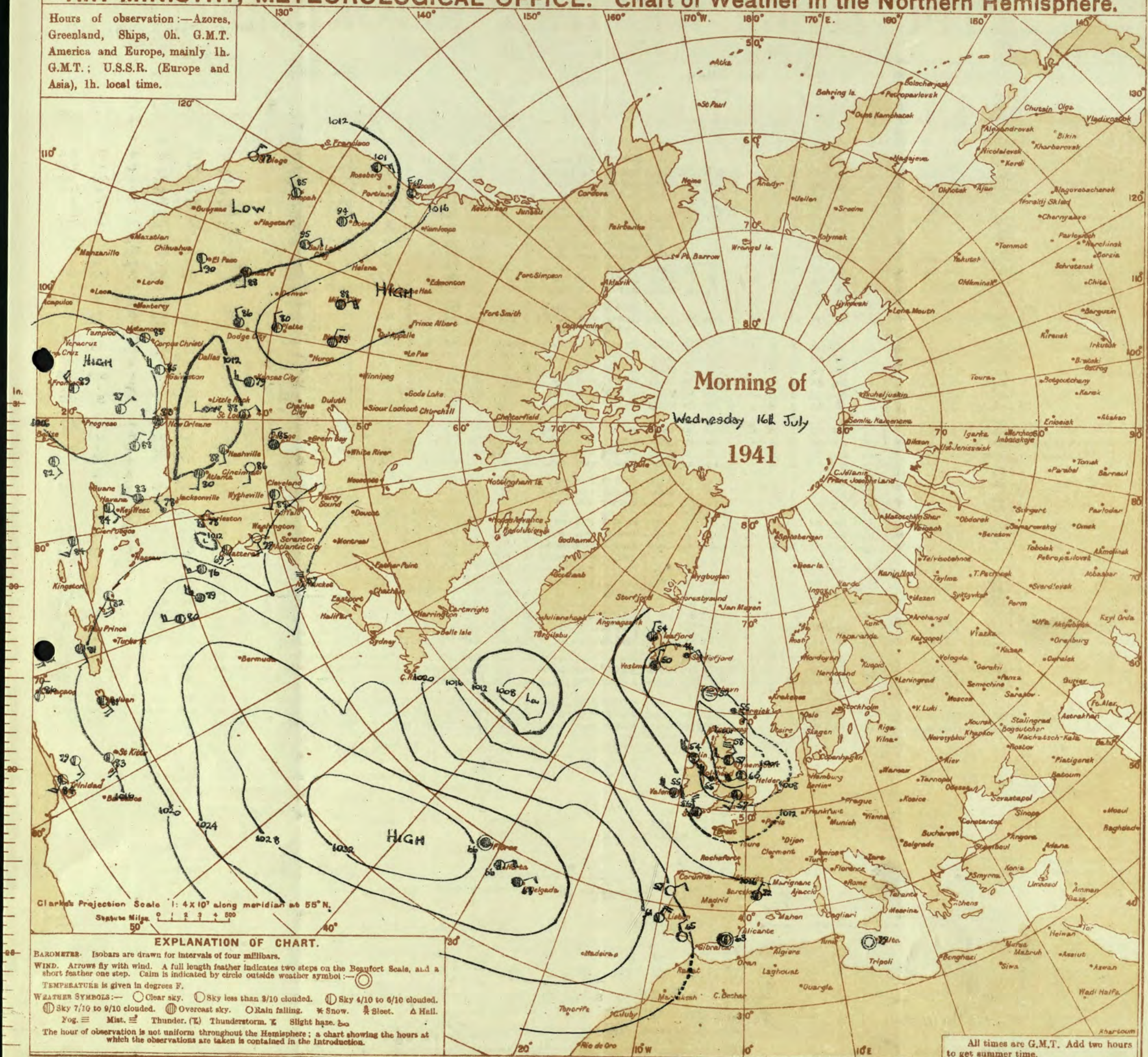
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 16th July, 1941  
No. 29091-

| OBSERVATIONS at 1 hr. G.M.T. 16th July |                      |                              |                      |                        |            |            |          |               |              |                 |           |              |                             |             | OBSERVATIONS at 7 hr. G.M.T. 16th July |                       |                         |            |              |          |                |               |                  |                             |                          |                            |                        |                     |                       | 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. 0-9 (30)  | TEMPERATURE.          |           |           | RAINFALL.  |           | SON-SHIN #. 1st Hr. (36) |           |            |
|                                        |                      |                              |                      |                        | Direc. (3) | Force. (4) |          |               |              |                 | Form. (9) | Amount. (10) | Height of Base. (feet) (11) | Direc. (17) | Force. (18)                            |                       |                         | Form. (23) | Amount. (24) |          |                |               |                  | Height of Base. (feet) (25) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) |                       |                | Night 18h-7h mm. (35) |           |           |            |           |                          |           |            |
|                                        |                      |                              |                      |                        |            |            |          |               |              |                 |           |              |                             |             |                                        |                       |                         |            |              |          |                |               |                  |                             |                          |                            |                        |                     |                       |                |                       | Low. (12) | Med. (13) | High. (14) | Low. (26) |                          | Med. (27) | High. (28) |
| 1                                      | London (Kov)         | 18                           | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | 1008.7      | +14                                    | WSW                   | 3                       | C          | 61           | 75       | 8              | 8             | 3                | 1                           | 7-8                      | 97                         | 1500                   | 1                   | *                     | 65             | 59                    | 55        | 5         | Tr         | 2.6       |                          |           |            |
|                                        | Croydon              | 217                          | 1006.8               | +10                    | SSW        | 2          | bc       | 57            | 92           | 8               | 5         | -            | 2-3                         | 4-6         | 2000                                   | 1008.8                | +16                     | WSW        | 3            | C        | 59             | 85            | 8                | 5                           | 3                        | 1                          | 2-3                    | 7-8                 | 1200                  | 1              | *                     | 66        | 57        | 55         | 6         | -                        | 3.0       |            |
|                                        | S. Farnborough       | 226                          | 1006.8               | +6                     | WSW        | 2          | C        | 59            | 92           | 8               | 5         | 3            | 6                           | 1           | 7-8                                    | 3000                  | 1008.9                  | +14        | WSW          | 2        | C              | 60            | 75               | 8                           | 7                        | 3                          | 8                      | 2-3                 | 9                     | 1800           | 1                     | *         | 66        | 57         | 54        | 14                       | 0.3       | 2.7        |
|                                        | Boscombe Down        | 417                          | 1007.5               | +6                     | SW         | 2          | C        | 56            | 97           | 7               | 5         | -            | 9+                          | 9+          | 5700                                   | 1009.5                | +14                     | W          | 4            | C        | 57             | 85            | 8                | 5                           | -                        | 9                          | 9                      | 1000                | 1                     | *              | 63                    | 54        | 49        | 3          | -         | 0.4                      |           |            |
|                                        | Thorney Island       | 10                           | 1007.2               | +4                     | SW         | 1          | C        | 60            | 97           | 8               | -         | 3            | -                           | 0           | 9                                      | -                     | 1009.9                  | +14        | W            | 3        | C              | 62            | 75               | 8                           | 2                        | 4                          | 1                      | 7-8                 | 9                     | 6200           | 0                     | *         | 67        | 59         | 56        | Tr                       | -         | *          |
|                                        | Lympe                | 346                          | 1008.0               | +2                     | WSW        | 3          | 20       | 57            | 97           | 5               | -         | -            | 10                          | 10          | 400                                    | 1009.9                | +14                     | WSW        | 1            | 70       | 59             | 92            | 6                | 5                           | -                        | 10                         | 10                     | 200                 | 1                     | *              | 66                    | 56        | 54        | 1          | -         | 3.6                      |           |            |
|                                        | Manston              | 154                          | 1007.2               | +4                     | SW         | 2          | 20       | 57            | 97           | 6               | -         | 3            | 2                           | 0           | 46                                     | -                     | 1008.5                  | +10        | SW           | 2        | bc             | 61            | 92               | 7                           | 5                        | 7                          | 1                      | 4-6                 | 800                   | 1              | *                     | 68        | 56        | 54         | 0.1       | -                        | 7.4       |            |
| 2                                      | Shoeburyness         | 11                           | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | 1008.7      | +14                                    | SW                    | 3                       | C          | 63           | 75       | 8              | 5             | 3                | -                           | 4-6                      | 9                          | 7200                   | 0                   | *                     | 69             | 60                    | 55        | 0.2       | -          | 4.8       |                          |           |            |
|                                        | Felixstowe           | 15                           | 1005.9               | +10                    | SW         | 3          | C        | 63            | 85           | 8               | 5         | -            | 9+                          | 9+          | 7000                                   | 1007.5                | +12                     | WS         | 2            | bc       | 63             | 85            | 7                | -                           | 3                        | -                          | 0                      | 4-6                 | -                     | 0              | 1                     | 3         | 67        | 58         | 54        | Tr                       | -         | 1.9        |
|                                        | Gorleston            | 5                            | 1005.4               | +10                    | SW         | 2          | C        | 62            | 85           | 6               | 5         | -            | 10                          | 10          | 2500                                   | 1007.4                | +8                      | WSW        | 2            | bc       | 63             | 85            | 7                | -                           | 4                        | -                          | 0                      | 4-6                 | -                     | 1              | 3                     | 67        | 58        | 54         | 0.4       | -                        | *         |            |
|                                        | Mildenhall           | 19                           | 1005.0               | +10                    | SW         | 3          | C/r      | 60            | 92           | 6               | 5         | 7            | -                           | 7-8         | 9                                      | 1500                  | 1007.0                  | +12        | SW           | 3        | C              | 61            | 85               | 7                           | 1                        | 7                          | -                      | 1                   | 7-8                   | 1000           | 1                     | *         | 68        | 57         | 53        | 3                        | 0.5       | 3.2        |
|                                        | Cranwell             | 240                          | 1003.8               | +8                     | SW         | 4          | 20       | 59            | 85           | 5               | 5         | -            | 10                          | 10          | 2500                                   | 1005.8                | +14                     | SW         | 4            | 20       | 61             | 85            | 6                | 5                           | 7                        | 1                          | 2-3                    | 9                   | 3500                  | 1              | *                     | 67        | 58        | 57         | 16        | -                        | 1.1       |            |
| 3                                      | Birmingham           | 535                          | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | 1006.9      | +16                                    | WNW                   | 3                       | O          | 57           | 85       | 6              | 5             | -                | -                           | 10                       | 10                         | 800                    | 1                   | *                     | 66             | 56                    | 52        | 5         | Tr         | 0.2       |                          |           |            |
|                                        | Upper Heyford        | 408                          | 1003.4               | +6                     | -          | 0          | 20       | 57            | 97           | 6               | 5         | 7            | -                           | 7-8         | 9+                                     | 2100                  | 1007.6                  | +16        | WS           | 4        | C              | 58            | 85               | 7                           | 5                        | 4                          | -                      | 9                   | 9+                    | 900            | 1                     | *         | 67        | 55         | 53        | 5                        | 0.2       | *          |
| 4                                      | Ross-on-Wye          | 223                          | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | 1008.2      | +14                                    | WS                    | 4                       | C          | 58           | 75       | 8              | 5             | 1                | -                           | 9+                       | 10                         | 2500                   | 1                   | *                     | 65             | 57                    | 55        | 2         | Tr         | 0.1       |                          |           |            |
| 5                                      | Hartland Point       | 299                          | 1008.6               | +10                    | N          | 4          | C/r      | 56            | 92           | 7               | 8         | -            | 9+                          | 9+          | 1500                                   | 1011.7                | +24                     | NNW        | 5            | C/p      | 56             | 85            | 8                | 8                           | 2                        | -                          | 9                      | 10                  | 1800                  | 1              | 4                     | 65        | 53        | 51         | -         | 1                        | 3.2       |            |
|                                        | Bristol              | 209                          | 1006.7               | +4                     | SW         | 4          | C        | 59            | 85           | 8               | 5         | 7            | -                           | 7-8         | 9                                      | 1800                  | 1009.8                  | +26        | WN           | 4        | C              | 56            | 85               | 9                           | 5                        | -                          | 10                     | 10                  | 1100                  | 1              | *                     | 67        | 56        | 54         | 0.1       | Tr                       | 1.2       |            |
|                                        | Portland Bill        | 32                           | 1007.4               | +4                     | SW         | 4          | C        | 58            | 92           | 8               | 5         | -            | 10                          | 10          | 2500                                   | 1010.4                | +12                     | W          | 4            | C        | 58             | 85            | 8                | 2                           | 4                        | -                          | 7-8                    | 10                  | 2500                  | 1              | 3                     | 61        | 55        | *          | 1         | -                        | *         |            |
|                                        | Plymouth             | 82                           | 1007.4               | +12                    | WNW        | 4          | C        | 58            | 85           | 8               | 7         | 7            | -                           | 4-6         | 9+                                     | 2500                  | 1013.1                  | +24        | W            | 4        | C              | 56            | 85               | 8                           | 5                        | 3                          | -                      | 4-6                 | 7-8                   | 1000           | 1                     | 5         | 69        | 56         | *         | 1                        | 0.3       | 2.3        |
|                                        | The Lizard           | 240                          | 1010.3               | +14                    | NW         | 5          | C        | 56            | 92           | 7               | 8         | -            | 7-8                         | 7-8         | 1500                                   | 1013.9                | +22                     | NW         | 5            | bc       | 57             | 75            | 8                | 8                           | 6                        | -                          | 4-6                    | 4-6                 | 3500                  | 0              | 4                     | 67        | 53        | *          | Tr        | 1                        | 5.6       |            |
|                                        | Scilly (St. Mary's)  | 163                          | 1011.2               | +12                    | WNW        | 5          | C        | 56            | 85           | 7               | 8         | 6            | -                           | 7-8         | 9+                                     | 1500                  | 1014.7                  | +22        | NNW          | 4        | C/p            | 56            | 75               | 8                           | 8                        | 4                          | 3                      | 4-6                 | 7-8                   | 1200           | 1                     | 4         | 66        | 54         | *         | -                        | 5         | 2.9        |
|                                        | Guernsey             | 175                          |                      |                        |            |            |          |               |              |                 |           |              |                             |             |                                        |                       |                         |            |              |          |                |               |                  |                             |                          |                            |                        |                     |                       |                |                       |           |           |            |           |                          |           |            |
| 6                                      | Pembroke             | 142                          | 1007.7               | +12                    | WNW        | 5          | C/p      | 55            | 97           | 7               | 8         | 2            | -                           | 7-8         | 10                                     | 2500                  | 1011.9                  | +30        | WNW          | 6        | 10             | 54            | 92               | 7                           | 8                        | 2                          | -                      | 10                  | 10                    | 1500           | 1                     | 4         | 65        | 53         | *         | -                        | 0.1       | 3.7        |
| 7                                      | Holyhead (Valley)    | 26                           | 1003.8               | +10                    | WNW        | 4          | bc       | 55            | 97           | 6               | 5         | -            | 10                          | 10          | 800                                    | 1008.9                | +26                     | WNW        | 5            | C        | 55             | 92            | 8                | 6                           | 7                        | -                          | 7-8                    | 10                  | 800                   | 1              | 3                     | 68        | 54        | 53         | 8         | 0.5                      | *         |            |
|                                        | Chester (Sealand)    | 10                           | 1003.3               | +2                     | SW         | 2          | bc       | 60            | 85           | 7               | 5         | -            | 10                          | 10          | 2000                                   | 1006.4                | +30                     | WNW        | 4            | C        | 56             | 92            | 6                | 6                           | 2                        | -                          | 7-8                    | 10                  | 800                   | 1              | *                     | 63        | 56        | 56         | 10        | 1                        | 0.2       |            |
| 8                                      | Manchester           | 70                           | 1003.4               | 0                      | SE         | 2          | 20       | 59            | 85           | 6               | 5         | -            | 10                          | 10          | 2000                                   | 1006.3                | +22                     | WNW        | 3            | 10/10    | 57             | 97            | 6                | 6                           | 2                        | -                          | 9                      | 10                  | 300                   | 1              | *                     | 67        | 57        | 55         | 4         | 2                        | 0.0       |            |
| 10                                     | Spurn Head           | 29                           | 1002.5               | +12                    | WS         | 4          | 20       | 60            | 85           | 6               | 8         | -            | 4-6                         | 4-6         | 2500                                   | 1005.0                | +14                     | WSW        | 4            | 20       | 61             | 85            | 6                | 8                           | -                        | 9+                         | 9+                     | 2500                | 0                     | 3              | 66                    | 59        | *         | 8          | 4         | 3.6                      |           |            |
|                                        | Catterick            | 175                          | 1001.3               | +2                     | SW         | 1          | 10       | 59            | 92           | 5               | 5         | -            | 10                          | 10          | 400                                    | 1004.6                | +26                     | SSW        | 2            | 20       | 60             | 85            | 6                | 6                           | 7                        | -                          | 4-6                    | 9+                  | 1800                  | 1              | *                     | 67        | 58        | 56         | 2         | 2                        | 10        |            |
|                                        | Tynemouth            | 108                          | 1001.9               | 0                      | NW         | 1          | bc       | 57            | 97           | 6               | 2         | -            | 4-6                         | 4-6         | 1500                                   | 1003.1                | +18                     | W          | 3            | C        | 61             | 85            | 6                | 8                           | 2                        | -                          | 7-8                    | 9                   | 1800                  | 1              | 2                     | 61        | 56        | 54         | 4         | -                        | *         |            |
| 11                                     | St. Abbs Head        | 280                          | 1002.9               | -10                    | WNW        | 2          | F+       | 54            | 97           | 1               | -         | -            | 10                          | 10          | 4150                                   | 1002.6                | +14                     | WNW        | 2            | C        | 56             | 97            | 7                | 5                           | 7                        | -                          | 7-8                    | 9                   | 2000                  | 1              | 1                     | 56        | 51        | *          | 3         | 1                        | *         |            |
|                                        | Leuchars             | 36                           | 1001.1               | -4                     | -          | 0          | 15       | 56            | 97           | 4               | 5         | -            | 10                          | 10          | 200                                    | 1001.1                | +6                      | SW         | 2            | C/d      | 57             | 92            | 6                | 5                           | 7                        | -                          | 9                      | 9+                  | 900                   | 1              | *                     | 62        | 56        | 56         | Tr        | 1                        | 0.2       |            |
| 12                                     | Reinfrew (Abbots L.) | 19                           | 1001.7               | -4                     | WN         | 1          | C/p      | 59            | 97           | 5               | 8         | -            | 10                          | 10          | 1500                                   | 1003.7                | +18                     | WS         | 3            | C        | 56             | 85            | 8                | 5                           | -                        | 10                         | 10                     | 1200                | 1                     | *              | 64                    | 55        | 54        | 1          | Tr        | 0.0                      |           |            |
|                                        | Esksdalemuir         | 794                          | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | *           | *                                      | 1003.2                | +24                     | SW         | 3            | C/r      | 54             | 85            | 7                | 5                           | 2                        | -                          | 7-8                    | 10                  | 450                   | 1              | *                     | 65        | (54)      | 53         | Tr        | 13                       | 0.1       |            |
|                                        | Point of Ayre        | 30                           | 1002.6               | +4                     | WNW        | 3          | C        | 57            | 92           | 7               | 5         | 2            | -                           | 9           | 10                                     | 1000                  | 1005.6                  | +20        | WNW          | 5        | pr             | 57            | 85               | 8                           | 8                        | 4                          | -                      | 7-8                 | 9+                    | 2000           | 1                     | 4         | 61        | 54         | *         | 0.5                      | 1         | 0.2        |
| 13A                                    | Time                 | 22                           | 1002.0               | -2                     | SW         | 3          | bc       | 54            | 97           | 6               | 5         | *            | 10                          | 10          | 800                                    | 1001.5                | 0                       | WN         | 5            | pr       | 53             | 97            | 6                | -                           | 2                        | -                          | 10                     | 10                  | 600                   | 1              | 4                     | 64        | 53        | *          | -         | 4                        | 8.7       |            |
| 13B                                    | Stornoway            | 80                           | 1001.4               | -6                     | -          | 0          | C        | 58            | 97           | 6               | 8         | 2            | -                           | 7-8         | 10                                     | 1500                  | 1000.9                  | -4         | -            | 0        | pr             | 57            | 97               | 5                           | 5                        | -                          | 10                     | 10                  | 300                   | 1              | 1                     | 63        | 56        | *          | 1         | 9                        | 6.7       |            |
| 15                                     | Dalwhinnie           | 1176                         | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | *           | *                                      | 1001.2                | +2                      | -          | 0            | 10       | 53             | 92            | 7                | 6                           | -                        | 10                         | 10                     | 800                 | 1                     | *              | 71                    | 52        | 52        | -          | 16        | 7.5                      |           |            |
|                                        | Aberdeen             | 79                           | *                    | *                      | *          | *          | *        | *             | *            | *               | *         | *            | *                           | *           | *                                      | 1001.2                | +2                      | -          | 0            | 10       | 57             | 97            | 5                | 5                           | -                        | 10                         | 10                     | 300                 | 1                     | 2              | 61                    | 55        | 52        | Tr         | 0.1       | 0.1                      |           |            |
|                                        | Wick                 | 1081                         | 1003.7               | -8                     | E          | 1          | f        | 53            | 97           | 2               | -         | -            | 10                          | 10          | 4150                                   | 1002.5                | -2                      | E          | 2            | if       | 55             | 97            | 5                | 5                           | -                        | 10                         | 10                     | 200                 | 0                     | *              | 58                    | 53        | 53        | *          | *         | *                        |           |            |
| 16                                     | Lerwick (Sumbagh)    | 156                          | 1006.8               | -6                     | E          | 2          | 10       | 53            | 97           | 6               | 5         | -            | 10                          | 10          | 600                                    | 1004.6                | -6                      | E          | 3            | C        | 57             | 97            | 6                | 5                           | -                        | 10                         | 10                     | 100                 | -                     | *              | 58                    | 54        | 52        | *          | *         | *                        |           |            |
| 17                                     | Blackad Point        | 18                           | 1003.6               | +4                     | WNW        | 5          | C        | 54            | 85           | 7               | 9         | -            | 7-8                         | 7-8         | 1500                                   | 1011.6                | +14                     | WNW        | 5            | C/r      | 54             | 85            | 8                | -                           | 7                        | -                          | 0                      | 10                  | -                     | 0              | 4                     | 56        | 51        | *          | 4         | 0.3                      | *         |            |
| 18                                     | Malin Head           | 84                           | 1003.9               | +2                     | NW         | 5          | C        | 53            | 85           | 7               | 9         | -            | 9+                          | 9+          | 800                                    | 1005.8                | +14                     | WNW        | 6            | pr       | 52             | 92            | 6                | 6                           | -                        | 9                          | 9                      | 450                 | 0                     | 5              | 65                    | 51        | *         | -          | 2         | 7.7                      |           |            |
|                                        | Aldergrove           | 288                          | 1004.5               | +6                     | WNW        | 4          | C        | 55            | 85           | 8               | 5         | 2            | -                           | 9           | 10                                     | 1200                  | 1007.6                  | +22        | W            | 4        | C/d            | 54            | 85               | 8                           | 5                        | 7                          | -                      | 9                   | 9+                    | 700            | 1                     | *         | 53        | 53         | *         | 4                        | 8.7       |            |
| 19                                     | Birr Castle          | 173                          |                      |                        |            |            |          |               |              |                 |           |              |                             |             |                                        | 1012.0                | +22                     | NW         | 2            | C        | 53             | 85            | 8                | 5                           | 1                        | -                          | 7-8                    | 10                  | 2500                  | 1              | *                     | 67        | 50        | 45         | 0.4       | 7                        | 2.9       |            |
| 20                                     | Valentia Obay.       | 30                           | 1013.6               | +10                    | WNW        | 4          | C        | 55            | 75           | 8               | 8         | -            | 10                          | 10          | 2500                                   | 1015.6                | +14                     | WNW        | 4            | C/p      | 55             | 75            | 8                | 8                           | 5                        | -                          | 9+                     | 9+                  | 2500                  | 1              | 3                     | 57        | 52        | 50         | 0.6       | 0.4                      | 0.0       |            |
|                                        | Roches Point         | 22                           | 1011.0               | +10                    | WNW        | 5          | bc       | 54            | 85           | 8               | 5         | -            | 2-3                         | 4-6         | 2500                                   | 1015.1                | +18                     | NNW        | 4            | bc       | 54             | 75            | 8                | 5                           | -                        | 2-3                        | 2-3                    | 2500                | 1                     | 4              | 64                    | 52        | *         | 0.2        | 0.4       | *                        |           |            |

| LONDON OBSERVATIONS.                                                                                             |  |                                       |  |  |                 |  |                                       |  |                                               | EXPLANATION OF FIGURES, LETTERS, etc.                                                                                                                                                                      |                                            |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|--|-----------------|--|---------------------------------------|--|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--|--|--|--|--|--|--|--|--|
| Day 7h—18h, Kew & Croydon.<br>9h—15h, Kensington.<br>9h—21h, other stations except for rainfall which is 9h—18h. |  |                                       |  |  |                 |  |                                       |  |                                               | The barometric tendency is expressed in tenths of a millibar.                                                                                                                                              |                                            |  |  |  |  |  |  |  |  |  |
| Weather.                                                                                                         |  | Temperature.                          |  |  | Rainfall.       |  | Humidity.                             |  | Atmospheric Pressure.                         |                                                                                                                                                                                                            | COLUMNS 2, 16.                             |  |  |  |  |  |  |  |  |  |
| Morning. Afternoon. Night.                                                                                       |  | Day Max. Night Min. Min. on Grass °F. |  |  | Day. Night. mm. |  | Sun-shine. 15h. G.M.T. 9h. G.M.T. % % |  | Milligrams of Solid Impurity per cubic metre. |                                                                                                                                                                                                            | COLUMNS 3, 22—Code for surface visibility. |  |  |  |  |  |  |  |  |  |
| 24 hrs. ended 9h.                                                                                                |  | °F.                                   |  |  | mm.             |  | Yesterday. To-day.                    |  | 24 hrs. ended 7h. G.M.T. 18h.                 |                                                                                                                                                                                                            | Objects not visible at                     |  |  |  |  |  |  |  |  |  |
| Kew... .. 18                                                                                                     |  |                                       |  |  |                 |  |                                       |  |                                               | COLUMNS 4, 18.                                                                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| CROYDON ... .. 217                                                                                               |  |                                       |  |  |                 |  |                                       |  |                                               | THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground. |                                            |  |  |  |  |  |  |  |  |  |
| GREENWICH (Royal Observatory)... 149                                                                             |  |                                       |  |  |                 |  |                                       |  |                                               | COLUMNS 5, 21.                                                                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| CITY (Bunhill Row) ... .. —                                                                                      |  |                                       |  |  |                 |  |                                       |  |                                               | The speed at about 30 feet above the ground.                                                                                                                                                               |                                            |  |  |  |  |  |  |  |  |  |
| WESTMINSTER (St. James' Park) ... 27                                                                             |  |                                       |  |  |                 |  |                                       |  |                                               | COLUMNS 6, 22.                                                                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| ROBERTS PK. (Botanic Gardens)... 168                                                                             |  |                                       |  |  |                 |  |                                       |  |                                               | The speed at about 30 feet above the ground.                                                                                                                                                               |                                            |  |  |  |  |  |  |  |  |  |
| CAMDEN SQUARE ... .. 110                                                                                         |  |                                       |  |  |                 |  |                                       |  |                                               | COLUMNS 7, 23.                                                                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| KENSINGTON ... .. 80                                                                                             |  |                                       |  |  |                 |  |                                       |  |                                               | The speed at about 30 feet above the ground.                                                                                                                                                               |                                            |  |  |  |  |  |  |  |  |  |
| HAMPTHEAD OBSERVATORY ... .. 450                                                                                 |  |                                       |  |  |                 |  |                                       |  |                                               | COLUMNS 8, 24.                                                                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| FOREIGN OBSERVATIONS.                                                                                            |  |                                       |  |  |                 |  |                                       |  |                                               | COLUMNS 9, 25.                                                                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| 18h. G.M.T. EVENING                                                                                              |  |                                       |  |  |                 |  |                                       |  |                                               | 7h. G.M.T. MORNING                                                                                                                                                                                         |                                            |  |  |  |  |  |  |  |  |  |
| Barom. mb. Wind. Weather. Temp. °F.                                                                              |  |                                       |  |  |                 |  |                                       |  |                                               | Barom. mb. Wind. Weather. Temp. °F.                                                                                                                                                                        |                                            |  |  |  |  |  |  |  |  |  |
| Paris ... .. 1008.7 WSW 2 0 59 1006.0 — 0 16 52 61 48 57 1 0.2                                                   |  |                                       |  |  |                 |  |                                       |  |                                               | Paris ... .. 1008.7 WSW 2 0 59 1006.0 — 0 16 52 61 48 57 1 0.2                                                                                                                                             |                                            |  |  |  |  |  |  |  |  |  |
| BRUSSELS ... .. 1020.1 NNE 4 0 62 1021.5 NNE 4 0 61 70 57 1 0.2                                                  |  |                                       |  |  |                 |  |                                       |  |                                               | BRUSSELS ... .. 1020.1 NNE 4 0 62 1021.5 NNE 4 0 61 70 57 1 0.2                                                                                                                                            |                                            |  |  |  |  |  |  |  |  |  |
| BERLIN ... .. 1001.7 WSW 4 0 73 1004.0 NW 2 0 73 57 72 1 0.2                                                     |  |                                       |  |  |                 |  |                                       |  |                                               | BERLIN ... .. 1001.7 WSW 4 0 73 1004.0 NW 2 0 73 57 72 1 0.2                                                                                                                                               |                                            |  |  |  |  |  |  |  |  |  |
| ZURICH ... .. 1007.2 NNE 3 0 84 1008.0 NW 2 0 73 57 72 1 0.2                                                     |  |                                       |  |  |                 |  |                                       |  |                                               | ZURICH ... .. 1007.2 NNE 3 0 84 1008.0 NW 2 0 73 57 72 1 0.2                                                                                                                                               |                                            |  |  |  |  |  |  |  |  |  |
| ROME ... .. 1020.0 — 0 6 67 1016.3 ENE 3 0 77 57 72 1 0.2                                                        |  |                                       |  |  |                 |  |                                       |  |                                               | ROME ... .. 1020.0 — 0 6 67 1016.3 ENE 3 0 77 57 72 1 0.2                                                                                                                                                  |                                            |  |  |  |  |  |  |  |  |  |

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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.

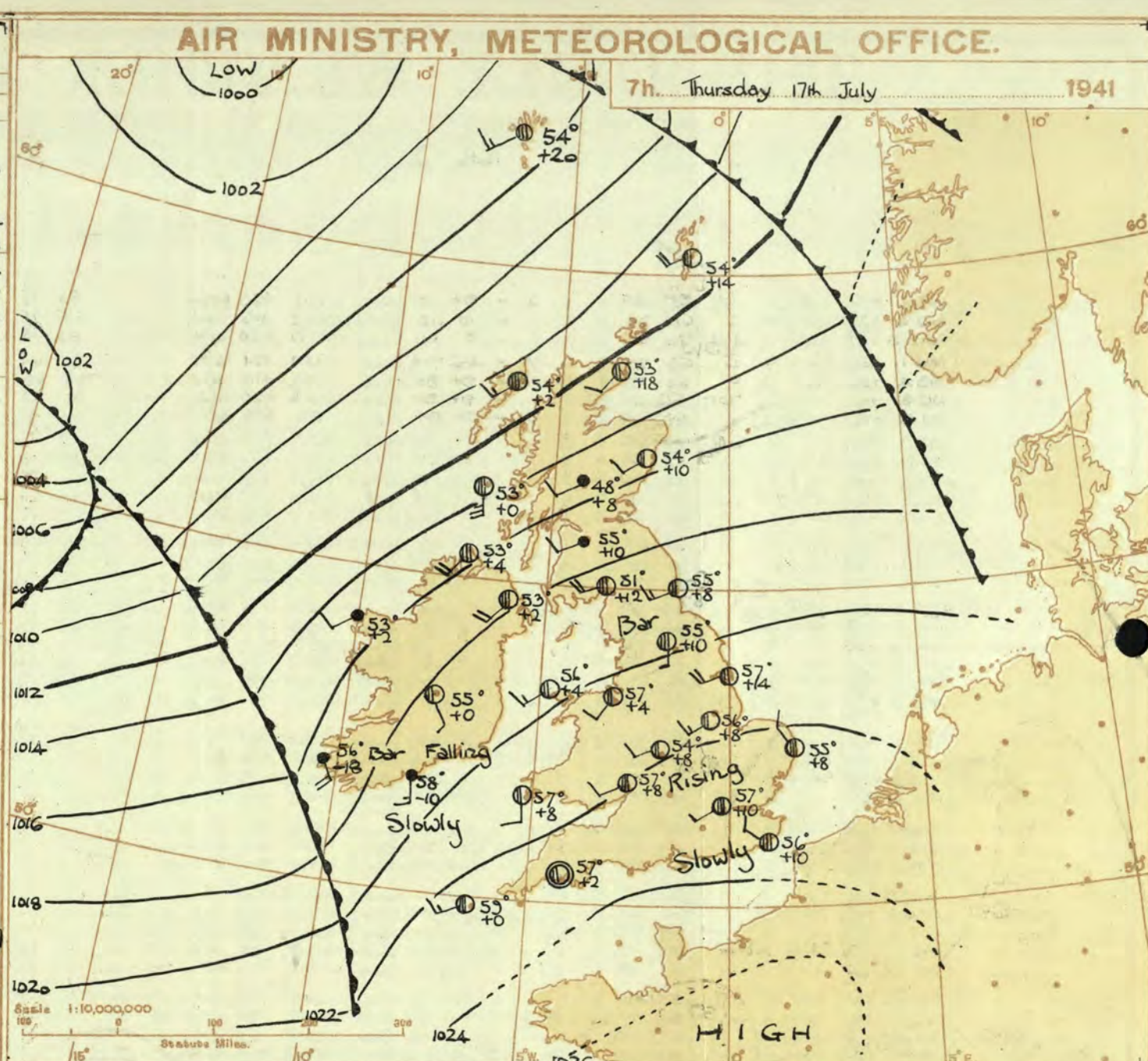
**SECRET**  
BRITISH SECTION  
Thursday 17th July 1941  
No. 29,092

| OBSERVATIONS at 13h. G.M.T. 16th July |                                                                                                                      |                                                                    |                                               |                                          |                                 |                                    |                                        |                                      |                                 |                                 |                                        |                                               |                                                                    | OBSERVATIONS at 18h. G.M.T. 16th July         |                                         |                                 |                                      |                                        |                                        |                                 |                                      |                                      |                                          |                                         |                                                      |                                 |                                 | PAST 24 HOURS.                       |                                               |                                           |                                           |                           |                         |        |        |        |        |        |   |   |   |   |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|---------------------------------|------------------------------------|----------------------------------------|--------------------------------------|---------------------------------|---------------------------------|----------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------|---------------------------------|--------------------------------------|----------------------------------------|----------------------------------------|---------------------------------|--------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------|------------------------------------------------------|---------------------------------|---------------------------------|--------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|-------------------------|--------|--------|--------|--------|--------|---|---|---|---|
| District.                             | STATIONS.<br>(For heights see p. 4.)                                                                                 | Barom.<br>M.S.L.<br>(1)                                            | Change in<br>8 hours.<br>(2)                  | Wind.                                    |                                 | Weather.                           | Temp.<br>°F.<br>(6)                    | Humid.<br>%<br>(7)                   | Visibility.<br>0-9<br>(8)       | Cloud.                          |                                        |                                               |                                                                    | Barom.<br>M.S.L.<br>(15)                      | Change in<br>8 hours.<br>(16)           | Wind.                           |                                      | Weather.                               | Temp.<br>°F.<br>(20)                   | Humid.<br>%<br>(21)             | Visibility.<br>0-9<br>(22)           | Cloud.                               |                                          |                                         |                                                      | Sea.<br>0-9<br>(30)             | WEATHER.                        |                                      |                                               |                                           |                                           |                           |                         |        |        |        |        |        |   |   |   |   |
|                                       |                                                                                                                      |                                                                    |                                               | Direc.<br>(3)                            | Force.<br>(4)                   |                                    |                                        |                                      |                                 | Low.                            | Med.                                   | High<br>(11)                                  | Low<br>0-10<br>(12)                                                |                                               |                                         | Total<br>0-40<br>(13)           | Height<br>of Base.<br>(feet)<br>(14) |                                        |                                        |                                 |                                      | Low.                                 | Med.                                     | High<br>(25)                            | Low<br>0-10<br>(26)                                  |                                 | Total<br>0-40<br>(27)           | Height<br>of Base.<br>(feet)<br>(28) | State of<br>Ground.<br>0-9<br>(29)            | 7h.-18h.<br>16th<br>(37)                  | 18h.-18h.<br>16th<br>(38)                 | 18h.-16th<br>17th<br>(39) | 1h.-7h.<br>17th<br>(40) |        |        |        |        |        |   |   |   |   |
|                                       |                                                                                                                      |                                                                    |                                               |                                          |                                 |                                    |                                        |                                      |                                 |                                 |                                        |                                               |                                                                    |                                               |                                         |                                 |                                      |                                        |                                        |                                 |                                      |                                      |                                          |                                         |                                                      |                                 |                                 |                                      |                                               |                                           |                                           |                           |                         |        |        |        |        |        |   |   |   |   |
| 1                                     | London (Kew) ...<br>Croydon ...<br>S. Farnborough<br>Boscombe Down<br>Thorney Island<br>Lymington ...<br>Manston ... | 1013.2<br>1012.6<br>1013.5<br>1014.1<br>1013.4<br>1012.8<br>1011.6 | +30<br>+22<br>+20<br>+26<br>+20<br>+14<br>+18 | WNW<br>WNW<br>WNW<br>WNW<br>W<br>W<br>WS | 4<br>3<br>3<br>5<br>4<br>3<br>3 | id.<br>C<br>d.<br>C<br>C<br>C<br>C | 60<br>61<br>60<br>63<br>64<br>66<br>68 | 85<br>75<br>85<br>75<br>8<br>8<br>65 | 8<br>2<br>8<br>5<br>8<br>8<br>8 | 2<br>-<br>-<br>7<br>-<br>-<br>6 | 2+<br>10<br>0<br>4-6<br>3+<br>3+<br>3+ | 10<br>10<br>10<br>7-8<br>4300<br>1500<br>1500 | 1017.1<br>1016.2<br>1017.0<br>1018.1<br>1017.3<br>1016.0<br>1015.9 | +20<br>+16<br>+20<br>+24<br>+14<br>+20<br>+26 | WNW<br>NW<br>WN<br>WN<br>NW<br>WS<br>WN | 3<br>2<br>2<br>5<br>4<br>4<br>2 | C<br>C<br>C<br>C<br>C<br>C<br>id.    | 63<br>62<br>63<br>61<br>65<br>61<br>61 | 75<br>75<br>75<br>65<br>65<br>75<br>92 | 8<br>7<br>8<br>8<br>8<br>8<br>6 | 8<br>-<br>-<br>6<br>8<br>6<br>5<br>7 | -<br>-<br>-<br>5<br>6<br>2<br>-<br>- | 3+<br>3+<br>3+<br>4-6<br>4-6<br>3<br>7-8 | 3+<br>3+<br>3+<br>7-8<br>3+<br>3+<br>10 | 1500<br>2000<br>3000<br>2500<br>4000<br>3500<br>1400 | 1<br>1<br>1<br>1<br>0<br>0<br>0 | *<br>*<br>*<br>*<br>*<br>*<br>* | cid<br>C<br>C<br>C<br>C<br>C<br>C    | cid.r.c<br>cid.c<br>dm.prc<br>cbcz.<br>C<br>C | cbcc<br>cbcc<br>cbe<br>bhe<br>C<br>C<br>C | cg<br>cbcc<br>cbcc<br>bcew<br>C<br>C<br>C | 2                         | 3                       | 3      | 3      |        |        |        |   |   |   |   |
| 2                                     | Shoeburyness ...<br>Felixstowe ...<br>Gorleston ...<br>Mildenhall ...<br>Cranwell ...                                | 1012.3<br>1010.8<br>1010.2<br>1010.7<br>1010.0                     | +20<br>+18<br>+16<br>+22<br>+28               | W<br>SWW<br>WNW<br>WS<br>NW              | 2<br>3<br>2<br>3<br>4           | C<br>C<br>C<br>C<br>C              | 66<br>72<br>71<br>64<br>64             | 65<br>55<br>55<br>85<br>65           | 5<br>3<br>2<br>8<br>8           | -<br>-<br>-<br>-<br>-           | 3+<br>3+<br>7-8<br>3<br>3+             | 3+<br>3000<br>2500<br>2000<br>1800            | 1015.8<br>1014.8<br>1013.9<br>1015.0<br>1014.9                     | +22<br>+24<br>+20<br>+22<br>+20               | WN<br>WNW<br>N<br>NW<br>NW              | 3<br>4<br>2<br>3<br>4           | C<br>C<br>r.f.<br>C<br>C             | 63<br>64<br>66<br>62<br>64             | 75<br>75<br>75<br>75<br>55             | 7<br>5<br>5<br>7<br>7           | 5<br>-<br>-<br>7<br>7                | -<br>-<br>-<br>-<br>-                | 10<br>10<br>10<br>7-8<br>2-3             | 10<br>10<br>10<br>10<br>2-3             | 4000<br>2500<br>1500<br>3500<br>2500                 | 0<br>0<br>1<br>1<br>1           | *<br>*<br>*<br>*<br>*           | cbcc<br>3 bccy<br>1 bcy<br>C<br>C    | C<br>cid.r.f.<br>C<br>C                       | C<br>C<br>C<br>C<br>C                     | C<br>C<br>C<br>C<br>C                     | C<br>C<br>C<br>C<br>C     | 3                       | 3      | 3      | 3      |        |        |   |   |   |   |
| 3                                     | Birmingham                                                                                                           | 1011.5                                                             | +22                                           | NW                                       | 3                               | C                                  | 62                                     | 65                                   | 8                               | 8                               | -                                      | -                                             | 3                                                                  | 3                                             | 2500                                    | 1016.3                          | +16                                  | WNW                                    | 3                                      | bc                              | 63                                   | 45                                   | 8                                        | 7                                       | 7                                                    | -                               | 2-3                             | 4-6                                  | 2500                                          | 1                                         | *<br>C                                    | C<br>cid.c                | C<br>C                  | C<br>C | C<br>C | C<br>C | 3      | 3      | 3 | 3 |   |   |
| 4                                     | Upper Heyford                                                                                                        | 1012.6                                                             | +28                                           | NW                                       | 4                               | C                                  | 60                                     | 85                                   | 8                               | 5                               | 7                                      | -                                             | 7-8                                                                | 3+                                            | 1000                                    | 1016.4                          | +20                                  | WNW                                    | 4                                      | C                               | 64                                   | 65                                   | 8                                        | 8                                       | 3                                                    | -                               | 4-6                             | 7-8                                  | 2500                                          | 1                                         | *<br>C                                    | C<br>cid.c                | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Ross-on-Wye ...                                                                                                      | 1014.1                                                             | +30                                           | WN                                       | 4                               | C                                  | 61                                     | 75                                   | 8                               | 8                               | 6                                      | -                                             | 7-8                                                                | 3                                             | 2500                                    | 1017.6                          | +14                                  | WN                                     | 4                                      | C                               | 61                                   | 55                                   | 9                                        | 4                                       | -                                                    | -                               | 7-8                             | 7-8                                  | 4000                                          | 1                                         | *<br>C                                    | C<br>cid.c                | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 5                                     | Hartland Point                                                                                                       | 1017.0                                                             | +26                                           | WNW                                      | 4                               | bc                                 | 58                                     | 65                                   | 8                               | 5                               | 4                                      | -                                             | 2-3                                                                | 4-6                                           | 3000                                    | 1019.3                          | +8                                   | WNW                                    | 3                                      | C                               | 59                                   | 75                                   | 8                                        | 2                                       | 4                                                    | 1                               | 4-6                             | 7-8                                  | 2500                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Bristol ...                                                                                                          | 1014.5                                                             | +26                                           | WN                                       | 4                               | C                                  | 62                                     | 75                                   | 8                               | 3                               | -                                      | -                                             | 3                                                                  | 3+                                            | 2000                                    | 1018.5                          | +14                                  | NW                                     | 4                                      | bc                              | 60                                   | 75                                   | 8                                        | 1                                       | 3                                                    | -                               | 1                               | 4-6                                  | 3000                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Portland Bill ...                                                                                                    | 1015.0                                                             | +20                                           | W                                        | 4                               | C                                  | 60                                     | 75                                   | 8                               | 5                               | -                                      | -                                             | 10                                                                 | 10                                            | 4000                                    | 1018.9                          | +24                                  | N                                      | 4                                      | bc                              | 60                                   | 75                                   | 8                                        | 2                                       | -                                                    | -                               | 4-6                             | 3+                                   | 4000                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Plymouth ...                                                                                                         | 1017.3                                                             | +24                                           | NW                                       | 4                               | C                                  | 62                                     | 55                                   | 8                               | 8                               | -                                      | -                                             | 3                                                                  | 3                                             | 2500                                    | 1020.2                          | +10                                  | NW                                     | 4                                      | C                               | 63                                   | 55                                   | 8                                        | 8                                       | -                                                    | -                               | 3                               | 3+                                   | 2500                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | The Lizard ...                                                                                                       | 1018.7                                                             | +24                                           | NW                                       | 4                               | C                                  | 60                                     | 65                                   | 8                               | 8                               | 6                                      | -                                             | 7-8                                                                | 7-8                                           | 2500                                    | 1021.0                          | +8                                   | N                                      | 4                                      | C                               | 58                                   | 75                                   | 8                                        | 8                                       | 6                                                    | -                               | 7-8                             | 7-8                                  | 2500                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Scilly (St. Mary's)                                                                                                  | 1018.0                                                             | +24                                           | NW                                       | 5                               | C                                  | 60                                     | 75                                   | 8                               | 8                               | 7                                      | -                                             | 4-6                                                                | 3                                             | 1200                                    | 1021.0                          | +6                                   | WNW                                    | 4                                      | C                               | 62                                   | 65                                   | 8                                        | 8                                       | 7                                                    | 5                               | 4-6                             | 3                                    | 1500                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Guernsey ...                                                                                                         | 1018.0                                                             | +24                                           | NW                                       | 5                               | C                                  | 60                                     | 75                                   | 8                               | 8                               | 7                                      | -                                             | 4-6                                                                | 3                                             | 1200                                    | 1021.0                          | +6                                   | WNW                                    | 4                                      | C                               | 62                                   | 65                                   | 8                                        | 8                                       | 7                                                    | 5                               | 4-6                             | 3                                    | 1500                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 6                                     | Pembroke                                                                                                             | 1010.8                                                             | +12                                           | W                                        | 4                               | bc                                 | 58                                     | 85                                   | 8                               | 2                               | 6                                      | -                                             | 2-3                                                                | 4-6                                           | 3000                                    | 1019.2                          | +16                                  | N                                      | 5                                      | C                               | 58                                   | 85                                   | 8                                        | 8                                       | 6                                                    | 1                               | 4-6                             | 9+                                   | 2000                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 7                                     | Holyhead (Valley)                                                                                                    | 1013.6                                                             | +18                                           | WNW                                      | 4                               | bc                                 | 63                                     | 65                                   | 8                               | 2                               | 3                                      | 3                                             | -                                                                  | 1                                             | 4-6                                     | 2000                            | 1016.5                               | +14                                    | N                                      | 4                               | C                                    | 59                                   | 65                                       | 9                                       | 8                                                    | -                               | -                               | 3+                                   | 3+                                            | 4000                                      | 1                                         | *<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | C<br>C | 3 | 3 | 3 | 3 |
|                                       | Chester (Sealand)                                                                                                    | 1013.0                                                             | +28                                           | WNW                                      | 5                               | C                                  | 61                                     | 65                                   | 8                               | 8                               | 4                                      | -                                             | -                                                                  | 10                                            | 1500                                    | 1016.1                          | +14                                  | WNW                                    | 4                                      | C                               | 61                                   | 55                                   | 8                                        | 8                                       | 4                                                    | -                               | 7-8                             | 9                                    | 2500                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 8                                     | Manchester                                                                                                           | 1012.0                                                             | +26                                           | W                                        | 5                               | pr                                 | 61                                     | 75                                   | 8                               | 9                               | -                                      | -                                             | 3+                                                                 | 3+                                            | 1500                                    | 1015.7                          | +16                                  | N                                      | 5                                      | C                               | 61                                   | 65                                   | 8                                        | 7                                       | 3                                                    | -                               | 4-6                             | 7-8                                  | 7000                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 10                                    | Spurn Head                                                                                                           | 1009.7                                                             | +28                                           | WNW                                      | 5                               | Zo                                 | 65                                     | 65                                   | 6                               | 7                               | 6                                      | 1                                             | 4-6                                                                | 7-8                                           | 4000                                    | 1013.7                          | +16                                  | WNW                                    | 6                                      | bc                              | 65                                   | 85                                   | 7                                        | 1                                       | 7                                                    | -                               | 7                               | 2-3                                  | 4000                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Catterick                                                                                                            | 1009.3                                                             | +24                                           | WNW                                      | 4                               | C                                  | 64                                     | 55                                   | 8                               | 5                               | 4                                      | -                                             | 3                                                                  | 3+                                            | 2500                                    | 1013.5                          | +14                                  | SWW                                    | 3                                      | C                               | 61                                   | 65                                   | 9                                        | 8                                       | 6                                                    | -                               | 3+                              | 3+                                   | 2200                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Tynemouth                                                                                                            | 1008.1                                                             | +22                                           | W                                        | 5                               | C                                  | 61                                     | 75                                   | 7                               | 8                               | 3                                      | -                                             | 4-6                                                                | 7-8                                           | 2500                                    | 1012.1                          | +20                                  | N                                      | 4                                      | C                               | 62                                   | 55                                   | 7                                        | 2                                       | 3                                                    | -                               | 4-6                             | 7-8                                  | 2000                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 11                                    | St. Abbs Head                                                                                                        | 1005.5                                                             | +14                                           | W                                        | 4                               | C                                  | 61                                     | 75                                   | 8                               | 5                               | 7                                      | -                                             | 7-8                                                                | 10                                            | 2000                                    | 1009.4                          | +16                                  | N                                      | 5                                      | bc                              | 59                                   | 65                                   | 9                                        | 1                                       | 4                                                    | -                               | 2-3                             | 4-6                                  | 2500                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Leuchars                                                                                                             | 1004.2                                                             | +12                                           | WSW                                      | 5                               | C                                  | 64                                     | 65                                   | 8                               | 4                               | 3                                      | -                                             | 4-6                                                                | 7-8                                           | 3000                                    | 1008.3                          | +26                                  | N                                      | 7                                      | bc                              | 63                                   | 65                                   | 9                                        | 1                                       | 4                                                    | -                               | 4-6                             | 4-6                                  | 3200                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 12                                    | Renfrew (Abbots L.)                                                                                                  | 1007.0                                                             | +22                                           | W                                        | 4                               | C                                  | 58                                     | 75                                   | 8                               | 8                               | -                                      | -                                             | 10                                                                 | 10                                            | 1000                                    | 1011.6                          | +18                                  | N                                      | 4                                      | C                               | 57                                   | 65                                   | 8                                        | 8                                       | 3                                                    | -                               | 7-8                             | 9                                    | 1500                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Eskdalemuir                                                                                                          | 1008.2                                                             | +22                                           | WN                                       | 5                               | pr                                 | 57                                     | 75                                   | 8                               | 8                               | -                                      | -                                             | 3+                                                                 | 3+                                            | 1500                                    | 1012.2                          | +18                                  | WN                                     | 4                                      | C                               | 56                                   | 65                                   | 8                                        | 5                                       | -                                                    | -                               | 7-8                             | 7-8                                  | 2500                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Point of Ayre                                                                                                        | 1011.6                                                             | +22                                           | WNW                                      | 3                               | C                                  | 61                                     | 85                                   | 8                               | 5                               | 4                                      | -                                             | 7-8                                                                | 3                                             | 3000                                    | 1014.8                          | +18                                  | WNW                                    | 4                                      | C                               | 59                                   | 75                                   | 8                                        | 5                                       | -                                                    | -                               | 3+                              | 3+                                   | 4000                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 13A                                   | Tiree                                                                                                                | 1008.0                                                             | +14                                           | WN                                       | 4                               | C                                  | 63                                     | 62                                   | 7                               | -                               | 2                                      | -                                             | 3                                                                  | 10                                            | 1500                                    | 1011.4                          | +10                                  | N                                      | 4                                      | C                               | 57                                   | 75                                   | 8                                        | 5                                       | 3                                                    | -                               | 7-8                             | 7-8                                  | 2500                                          | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 13B                                   | Stornoway                                                                                                            | 1002.7                                                             | +8                                            | WSW                                      | 4                               | C                                  | 57                                     | 67                                   | 7                               | 5                               | 7                                      | -                                             | 7-8                                                                | 10                                            | 1500                                    | 1006.8                          | +16                                  | WSW                                    | 5                                      | pr                              | 54                                   | 62                                   | 7                                        | 5                                       | 7                                                    | -                               | 7-8                             | 9+                                   | 2000                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 15                                    | Dalwhinnie                                                                                                           | 1004.5                                                             | +12                                           | SW                                       | 3                               | C                                  | 57                                     | 75                                   | 7                               | 6                               | -                                      | -                                             | 10                                                                 | 10                                            | 800                                     | 1005.7                          | +16                                  | SW                                     | 2                                      | C                               | 51                                   | 83                                   | 6                                        | 3                                       | -                                                    | -                               | 10                              | 10                                   | 800                                           | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Aberdeen                                                                                                             | 1002.5                                                             | +4                                            | SWW                                      | 3                               | bc                                 | 67                                     | 75                                   | 7                               | 8                               | -                                      | -                                             | 4-6                                                                | 4-6                                           | 2300                                    | 1006.2                          | +26                                  | WNW                                    | 4                                      | C                               | 61                                   | 65                                   | 8                                        | 8                                       | -                                                    | -                               | 9                               | 9                                    | 2100                                          | 1                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
|                                       | Wick                                                                                                                 | 1002.8                                                             | +2                                            | S                                        | 2                               | 1/2                                | 59                                     | 62                                   | 7                               | 5                               | -                                      | -                                             | 7-8                                                                | 3+                                            | 200                                     | 1004.5                          | +18                                  | WNW                                    | 3                                      | C                               | 61                                   | 85                                   | 7                                        | 9                                       | 7                                                    | -                               | 7-8                             | 9+                                   | 800                                           | 0                                         | *<br>C                                    | C<br>C                    | C<br>C                  | C<br>C | C<br>C | C<br>C | C<br>C | 3      | 3 | 3 | 3 |   |
| 16                                    | Leith, Edinburgh                                                                                                     | 1005.0                                                             | +2                                            | SE/E                                     | 4                               |                                    |                                        |                                      |                                 |                                 |                                        |                                               |                                                                    |                                               |                                         |                                 |                                      |                                        |                                        |                                 |                                      |                                      |                                          |                                         |                                                      |                                 |                                 |                                      |                                               |                                           |                                           |                           |                         |        |        |        |        |        |   |   |   |   |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |       |       |                |                                       |       |                |       |       |                |       |       |
|------------------------------------------------------------------------------|-------|-------|----------------|---------------------------------------|-------|----------------|-------|-------|----------------|-------|-------|
| 13h. G.M.T. 12th July.....18h. G.M.T.                                        |       |       |                | 01h. G.M.T. 17th July.....07h. G.M.T. |       |                |       |       |                |       |       |
| III, C <sub>u</sub>                                                          | wwVhN | DDFWN | C <sub>u</sub> | wwVhN                                 | DDFWN | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN | DDFWN |
| 109.5-                                                                       | 03628 | 10268 | 67             | 81646                                 | 23427 | 5-             | 02746 | 24486 | 87             | 01871 | 19313 |
| 115.52                                                                       | 02838 | 20368 | 52             | 62738                                 | 22468 | 87             | 02844 | 22466 | 87             | 02944 | 20425 |
| 203.5-                                                                       | 03838 | 16428 | 6-             | 62838                                 | 22528 | 5-             | 02946 | 20426 |                |       |       |
| 206.66                                                                       | 01954 | 16464 | 7-             | 01956                                 | 57627 | 50             | 01864 | 26224 | 87             | 01963 | 24324 |
| 210.87                                                                       | 25854 | 26287 | 87             | 81955                                 | 22588 | 50             | 01963 | 18312 | 57             | 02963 | 15225 |
| 220.52                                                                       | 61634 | 29468 | 83             | 02844                                 | 25417 |                |       |       | 83             | 01943 | 27204 |
| 230.52                                                                       | 62847 | 53468 | 87             | 02857                                 | 54467 | 83             | 25855 | 20385 | 87             | 10846 | 18387 |
| 245.83                                                                       | 02954 | 22385 | 84             | 02955                                 | 56415 | 50             | 00862 | 22313 | 24             | 01953 | 20315 |
| 260.7-                                                                       | 02857 | 24327 | 73             | 01853                                 | 24484 | 40             | 01764 | 22314 | 80             | 02852 | 20316 |
| 277                                                                          |       |       |                |                                       |       |                |       |       |                |       |       |
| 279.7-                                                                       | 02847 | 22427 | 8-             | 02857                                 | 22427 |                |       |       | 83             | 02865 | 21316 |
| 285.23                                                                       | 25746 | 24587 |                |                                       |       |                |       |       | 23             | 01744 | 24415 |
| 288.87                                                                       | 02865 | 22427 |                |                                       |       | 54             | 01874 | 26224 | 73             | 01863 | 19214 |
| 278                                                                          |       |       |                |                                       |       |                |       |       |                |       |       |
| 301.27                                                                       | 02745 | 26426 | 8-             | 02977                                 | 26517 | 5-             | 02868 | 26428 | 10             | 00853 | 22313 |
| 321.56                                                                       | 02754 | 25865 | 86             | 25664                                 | 25485 | 04             | 05590 | 23215 | 50             | 17675 | 21215 |
| 299.5-                                                                       | 02755 | 02315 | 50             | 01744                                 | 26314 | 50             | 01753 | 26313 | 57             | 05653 | 22214 |
| 292.54                                                                       | 02956 | 26367 | 80             | 02965                                 | 25315 | 04             | 01890 | 24113 | 23             | 05564 | 21185 |
| 310--                                                                        | 03626 | 24216 |                |                                       |       |                |       |       | --             | 01643 | 24213 |
| 316                                                                          |       |       |                |                                       |       |                |       |       |                |       |       |
| 333.24                                                                       | 01852 | 30465 | 5-             | 02967                                 | 18217 | 54             | 01962 | 26224 | 1-             | 00862 | 18212 |
| 334--                                                                        | 02645 | 30316 |                |                                       |       |                |       |       | --             | 02653 | 04315 |
| 340.6-                                                                       | 02947 | 28487 | 8-             | 02956                                 | 24326 | 50             | 01864 | 26214 | 03             | 01890 | 16214 |
| 136                                                                          |       |       | 33             | 02663                                 | 58418 | 03             | 02790 | 24215 | 56             | 05641 | 20216 |
| 336.51                                                                       | 02763 | 24428 | 51             | 02752                                 | 24517 |                |       |       | 14             | 02744 | 20307 |
| 350                                                                          |       |       | 57             | 02765                                 | 26227 | 50             | 01764 | 24214 | 57             | 02764 | 18225 |
| 368.53                                                                       | 22846 | 28328 |                |                                       |       |                |       |       |                |       |       |
| 379.83                                                                       | 25844 | 28387 | 4-             | 02866                                 | 24316 | 01             | 02790 | 24217 | 03             | 01890 | 20215 |
| 390.5-                                                                       | 51748 | 25328 | 5-             | 05647                                 | 24327 | 50             | 05675 | 28305 | 53             | 02774 | 22125 |
| 382.57                                                                       | 21046 | 26258 | 75             | 02965                                 | 26327 | 04             | 02790 | 00017 | 57             | 01783 | 00014 |
| 428.8-                                                                       | 02747 | 24517 |                |                                       |       |                |       |       | 53             | 02773 | 01317 |
| 430.87                                                                       | 02854 | 26327 |                |                                       |       | 53             | 02753 | 24115 | 5-             | 02786 | 30226 |
| 409.23                                                                       | 02852 | 28526 | 80             | 02852                                 | 24327 | 52             | 02855 | 22228 | 52             | 02851 | 17228 |

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, Zh = 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).



| DISTRICTS.                           | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 17th July                                                                                                        |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                       | Light or moderate west to southwest wind. Bright periods to-day, increasing cloud and occasional rain later; temperature rather below average.                                  |
| 2 E. England ...                     |                                                                                                                                                                                 |
| 3 E. Midlands ...                    |                                                                                                                                                                                 |
| 4 W. Midlands ...                    |                                                                                                                                                                                 |
| 5 S.W. England                       | Moderate southwest wind. Cloudy; occasional rain or drizzle, some coast and hill fog; temperature rather below average.                                                         |
| 6 South Wales ...                    |                                                                                                                                                                                 |
| 7 North Wales ...                    |                                                                                                                                                                                 |
| 8 N.W. England                       | Moderate southwest wind, fresh locally. Bright periods and occasional showers at first, increasing cloud with rain spreading from west later. Temperature rather below average. |
| 9 N. Midlands ...                    |                                                                                                                                                                                 |
| 10 N.E. England                      |                                                                                                                                                                                 |
| 11 S.E. Scotland                     |                                                                                                                                                                                 |
| 12 S.W. Scotland & Isle of Man.      |                                                                                                                                                                                 |
| 13 { A.W. Scotld.<br>B.N.W.Scotland. |                                                                                                                                                                                 |
| 14 Mid Scotland                      |                                                                                                                                                                                 |
| 15 N.E. Scotland                     |                                                                                                                                                                                 |
| 16 Orkneys and Shetlands             |                                                                                                                                                                                 |
| 17 N.W. Ireland                      | Moderate south to southwest wind, fresh in exposed places. Cloudy; rain or drizzle at times; temperature rather below average.                                                  |
| 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 south of Iceland is moving slowly northwards. Another depression about 500 miles west of Scotland is moving eastwards and an associated trough of low pressure is approaching Ireland. Rain will spread eastwards across the British Isles but the falls in the South will be slight. Temperature will be rather below average.

#### FURTHER OUTLOOK.

Rain at times in most districts, but bright periods, especially in the South.

~~~~~ Warm front  
 ~~~~~ Cold front  
 ~~~~~ Occlusion.

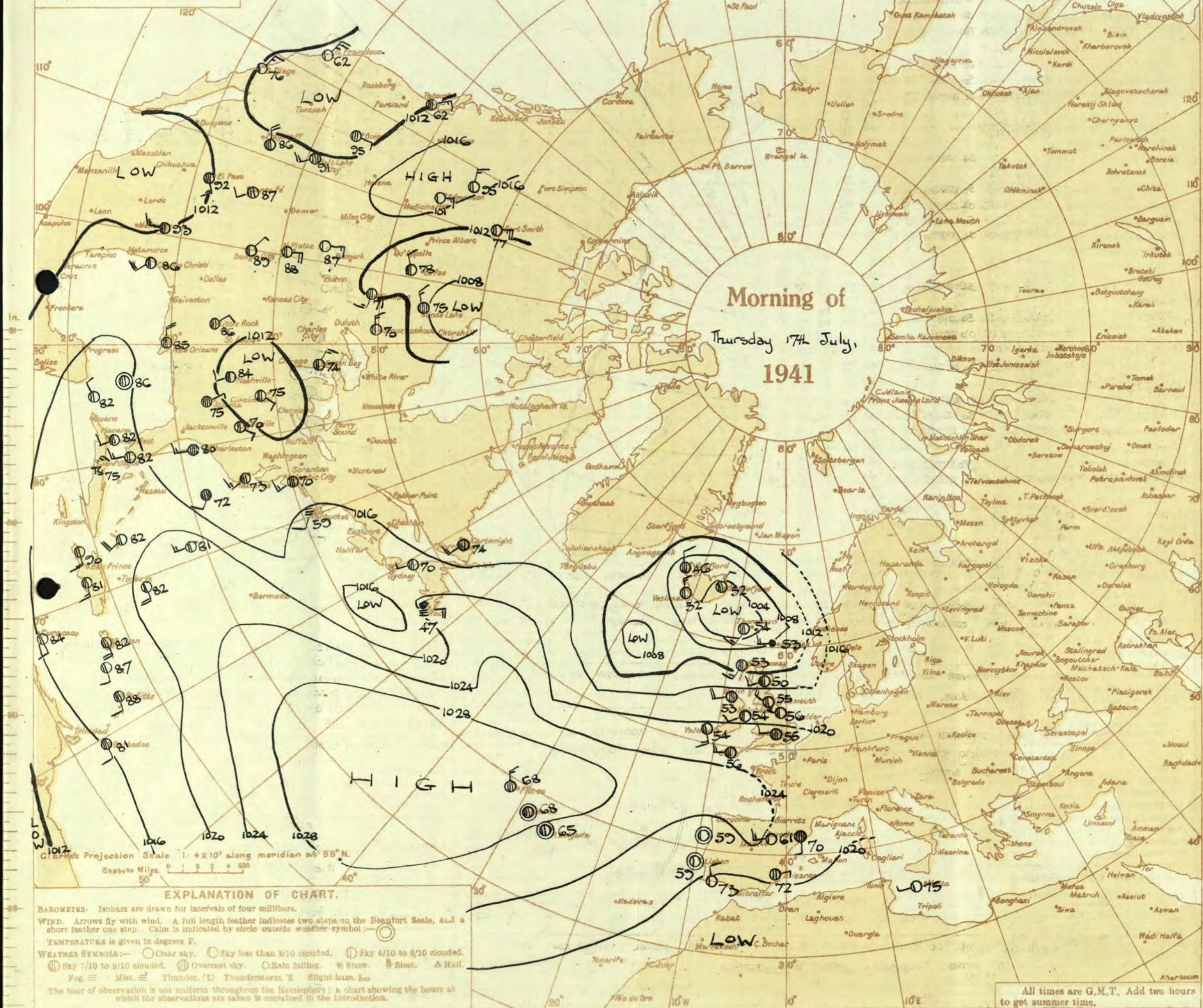
Forecast issued at 1030 G.M.T.  
 R.S. & P. Press, Cannon House, S.E.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 17th July |                             |                              |                  |                    |        |        |          |           |          |             |        |         |                        |        | OBSERVATIONS at 7 hr. G.M.T. 17th July |                  |                    |       |         |          |           |          |             |                        |                  |                     |                       |                   |          | PAST 24 HOURS. |                  |      |           |      |                    |      |     |  |  |
|--|-----------------------------|------------------------------|------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|--------|--|------------------|--------------------|-------|---------|----------|-----------|----------|-------------|------------------------|------------------|---------------------|-----------------------|-------------------|----------|----------------|------------------|------|-----------|------|--------------------|------|-----|--|--|
| District.                              | STATIONS.                   | Height above M.S.L. in feet. | Barom. at M.S.L. | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |         |                        |        |  | Barom. at M.S.L. | Change in 3 hours. | Wind. |         | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud.                 |                  |                     |                       |                   | Sea. 0-9 | TEMPERATURE.   |                  |      | RAINFALL. |      | SUNSHINE 16th Hrs. |      |     |  |  |
|  |                             |                              |                  |                    | Direc. | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Direc. | Force.                                 |                  |                    | Form. | Amount. |          |           |          |             | Height of Base (feet). | State of Ground. | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. |          | Day 7h-18h mm. | Night 18h-7h mm. |      |           |      |                    |      |     |  |  |
|  |                             |                              |                  |                    |        |        |          |           |          |             |        |         |                        |        |  |                  |                    |       |         |          |           |          |             |                        |                  |                     |                       |                   |          |                |                  | 0-12 | 0-12      | 0-12 |                    | 0-12 | 0-9 |  |  |
| 1                                      | London (Kew) ... 18         | 1021.1                       | +12              | W                  | 2      | c      | 55       | 85        | 7        | 5           | -      | 3       | 3                      | 2000   | 1023.2                                 | +12              | SW                 | 1     | c       | 57       | 75        | 6        | 5           | -                      | 1                | 7-8                 | 2500                  | 1                 | 63       | 55             | 48               | 0.3  | -         | 0.7  |                    |      |     |  |  |
|  | Croydon ... 217             | 1021.7                       | +10              | WS                 | 1      | c      | 53       | 85        | 8        | 5           | -      | 2       | 3                      | 7-8    | 1023.1                                 | +10              | SW                 | 1     | c       | 57       | 75        | 8        | -           | 4                      | 3                | 7-8                 | -                     | 1                 | 64       | 51             | 50               | Tr   | Tr        | 1.2  |                    |      |     |  |  |
|  | S. Farnborough ... 228      | 1022.3                       | +12              | WS                 | 2      | c      | 50       | 97        | 8        | -           | -      | 7       | 0                      | 10     | 1023.5                                 | +10              | -                  | 0     | c       | 55       | 85        | 8        | 5           | 5                      | -                | 4-6                 | 3                     | 5700              | 1        | 64             | 51               | 47   | Tr        | Tr   | 2.4                |      |     |  |  |
|  | Boacombe Down ... 417       | 1021.7                       | +12              | SW                 | 2      | c      | 58       | 92        | 8        | -           | 8      | 6       | 0                      | 7-8    | -                                      | -                | -                  | -     | -       | -        | -         | -        | -           | -                      | -                | -                   | -                     | -                 | -        | -              | -                | -    | -         | -    |                    |      |     |  |  |
|  | Thorney Island ... 10       | 1020.9                       | +14              | WNW                | 3      | c      | 54       | 92        | 6        | 5           | -      | 1       | 1                      | 3500   | 1023.1                                 | +10              | WNW                | 2     | c       | 56       | 85        | 6        | -           | 3                      | -                | 0                   | 3                     | -                 | 66       | 49             | 45               | Tr   | Tr        | 2.6  |                    |      |     |  |  |
|  | Lymington ... 346           | 1020.1                       | +12              | NW                 | 3      | N      | 61       | 75        | 6        | 5           | 3      | 1       | 1                      | 7-8    | 1023.0                                 | +12              | NW                 | 1     | c       | 60       | 75        | 6        | 3           | 3                      | 2                | 2-3                 | 3                     | 5500              | 0        | 71             | 54               | 55   | Tr        | Tr   | 5.2                |      |     |  |  |
| 2                                      | Shoeburyness ... 11         | 1018.7                       | +14              | WNW                | 2      | c      | 60       | 85        | 6        | 5           | -      | -       | 7-8                    | 7-8    | 6000                                   | 1023.2           | +12                | WN    | 1       | c        | 58        | 75       | 6           | 5                      | 3                | -                   | 2-3                   | 7-8               | 7200     | 0              | 63               | 52   | 42        | -    | -                  | 2.0  |     |  |  |
|  | Felixstowe ... 15           | 1018.8                       | +12              | NW                 | 2      | c      | 60       | 75        | 6        | 5           | -      | -       | 5                      | 3      | 1500                                   | 1022.4           | +8                 | WNW   | 2       | c        | 58        | 85       | 7           | 5                      | 3                | -                   | Tr                    | 3                 | 4000     | 0              | 72               | 55   | 51        | 0.5  | -                  | 5.5  |     |  |  |
|  | Gorleston ... 5             | 1018.8                       | +10              | WS                 | 2      | bc     | 54       | 92        | 7        | -           | 7      | 1       | 0                      | 4-6    | -                                      | 1022.3           | +12                | NW    | 2       | c        | 58        | 75       | 7           | 5                      | 4                | -                   | 4-6                   | 3                 | 2000     | 0              | 73               | 52   | 47        | -    | Tr                 | -    |     |  |  |
|  | Mildenhall ... 19           | 1018.7                       | +12              | W                  | 2      | bc     | 50       | 85        | 6        | 5           | 3      | -       | Tr                     | 4-6    | 4000                                   | 1021.5           | +8                 | SW    | 2       | c        | 56        | 85       | 7           | -                      | 7                | -                   | 0                     | 3                 | -        | 67             | 52               | 48   | 0.3       | -    | 2.8                |      |     |  |  |
|  | Cranwell ... 240            | 1018.7                       | +12              | W                  | 2      | bc     | 50       | 85        | 6        | 5           | 3      | -       | Tr                     | 4-6    | 4000                                   | 1021.5           | +8                 | SW    | 3       | bc       | 56        | 75       | 7           | -                      | 4                | 1                   | 0                     | 4-6               | -        | 66             | 49               | 47   | -         | -    | 3.6                |      |     |  |  |
| 3                                      | Birmingham ... 535          | 1020.6                       | +10              | -                  | 0      | c      | 49       | 92        | 7        | -           | 7      | 7       | 0                      | 10     | -                                      | 1021.5           | +8                 | WSW   | 2       | bc       | 54        | 75       | 7           | -                      | 7                | -                   | 0                     | 4-6               | -        | 64             | 50               | 45   | 0.3       | -    | 1.8                |      |     |  |  |
|  | Upper Heyford ... 408       | 1022.2                       | +10              | WSW                | 2      | c      | 54       | 85        | 7        | -           | 3      | 3       | 0                      | 7-8    | -                                      | 1022.2           | +10                | WSW   | 2       | c        | 54        | 85       | 7           | -                      | 3                | 3                   | 0                     | 7-8               | -        | 64             | 48               | 44   | 0.4       | Tr   | -                  |      |     |  |  |
|  | Ross-on-Wye ... 223         | 1022.0                       | +8               | WSW                | 2      | c      | 57       | 75        | 7        | 5           | 5      | -       | 1                      | 7-8    | 4000                                   | 1022.0           | +8                 | WSW   | 2       | c        | 57        | 75       | 7           | 5                      | 5                | -                   | 1                     | 7-8               | 4000     | 0              | 64               | 52   | 48        | -    | -                  | 3.1  |     |  |  |
| 5                                      | Hartland Point ... 299      | 1021.4                       | +8               | NW                 | 3      | c      | 58       | 75        | 8        | 2           | 7      | -       | 2-3                    | 3      | 2500                                   | 1021.8           | +4                 | W     | 4       | c        | 57        | 85       | 8           | 8                      | 4                | -                   | 7-8                   | 3                 | 3000     | 0              | 61               | 57   | 54        | -    | -                  | 5.2  |     |  |  |
|  | Bristol ... 209             | 1021.6                       | +12              | SW                 | 1      | b      | 54       | 85        | 7        | 5           | 7      | -       | 1                      | 7-8    | 3000                                   | 1022.0           | +2                 | SW    | 1       | c        | 57        | 85       | 8           | 8                      | 3                | -                   | 4-6                   | 3                 | 2200     | 1              | 65               | 53   | 46        | -    | Tr                 | 5.1  |     |  |  |
|  | Portland Bill ... 32        | 1022.4                       | +10              | W                  | 3      | c      | 58       | 85        | 8        | 5           | -      | -       | 10                     | 10     | 2000                                   | 1022.0           | +2                 | SW    | 1       | c        | 57        | 85       | 8           | 8                      | 3                | -                   | 4-6                   | 3                 | 2200     | 1              | 65               | 53   | 46        | -    | Tr                 | 5.1  |     |  |  |
|  | Plymouth ... 82             | 1023.3                       | +10              | WS                 | 3      | c      | 56       | 85        | 8        | -           | 7      | -       | 0                      | 10     | -                                      | 1023.6           | +2                 | -     | 0       | c        | 57        | 85       | 7           | 5                      | -                | -                   | 3                     | 3                 | 5700     | 0              | 65               | 54   | 50        | -    | Tr                 | 3.5  |     |  |  |
|  | The Lizard ... 240          | 1023.6                       | +10              | WNW                | 3      | c      | 56       | 85        | 8        | 8           | 2      | -       | 7-8                    | 3      | 1500                                   | 1023.1           | +2                 | WSW   | 3       | c/p      | 56        | 92       | 8           | 8                      | 6                | -                   | 7-8                   | 7-8               | 1500     | 0              | 62               | 53   | -         | -    | Tr                 | 4.5  |     |  |  |
|  | Scilly (St. Mary's) ... 163 | 1022.5                       | +2               | NW                 | 3      | c      | 56       | 75        | 8        | 8           | 3      | 2       | 2-3                    | 7-8    | 1500                                   | 1022.5           | 0                  | WSW   | 3       | c        | 59        | 75       | 8           | 8                      | 3                | -                   | 4-6                   | 3                 | 1200     | 1              | 64               | 54   | -         | -    | 0.1                | 2.7  |     |  |  |
|  | Guernsey ... 175            | 1022.5                       | +2               | NW                 | 3      | c      | 56       | 75        | 8        | 8           | 3      | 2       | 2-3                    | 7-8    | 1500                                   | 1022.5           | 0                  | WSW   | 3       | c        | 59        | 75       | 8           | 8                      | 3                | -                   | 4-6                   | 3                 | 1200     | 1              | 64               | 54   | -         | -    | 0.1                | 2.7  |     |  |  |
| 6                                      | Pembroke ... 142            | 1020.8                       | +10              | WSW                | 4      | c      | 57       | 92        | 8        | 8           | -      | -       | 3                      | 3      | 2500                                   | 1021.7           | +8                 | W     | 2       | bc       | 57        | 92       | 8           | 2                      | 6                | -                   | 2-3                   | 4-6               | 3000     | 1              | 59               | 55   | -         | -    | -                  | 4.1  |     |  |  |
| 7                                      | Holyhead (Valley) ... 26    | 1019.2                       | +10              | SW                 | 2      | bc     | 54       | 85        | 8        | 5           | 3      | 1       | 4-6                    | 4-6    | 4500                                   | 1019.3           | +4                 | SW    | 3       | bc       | 56        | 85       | 8           | 2                      | 6                | -                   | 1                     | 2-3               | 3000     | 0              | 61               | 53   | 48        | -    | -                  | -    |     |  |  |
|  | Chester (Sealand) ... 16    | 1019.1                       | +8               | SW                 | 1      | c      | 55       | 85        | 7        | 5           | 7      | -       | 7-8                    | 10     | 6000                                   | 1020.4           | +4                 | SW    | 2       | bc       | 57        | 75       | 8           | 5                      | 4                | -                   | 1                     | 2-3               | 5000     | 1              | 64               | 51   | 44        | -    | -                  | 2.3  |     |  |  |
| 8                                      | Manchester ... 70           | 1019.4                       | +10              | SW                 | 3      | bc     | 53       | 85        | 7        | 5           | -      | -       | 2-3                    | 3      | 4000                                   | 1020.8           | +10                | SW    | 2       | bc       | 56        | 75       | 8           | -                      | 4                | -                   | 0                     | Tr                | -        | 64             | 48               | 45   | 0.1       | -    | 4.5                |      |     |  |  |
| 10                                     | Spurn Head ... 29           | 1018.4                       | +14              | NW                 | 5      | bc     | 56       | 75        | 6        | 4           | -      | 1       | 1                      | 2-3    | 2500                                   | 1020.6           | +14                | WS    | 4       | z        | 57        | 75       | 6           | -                      | 3                | 2                   | 0                     | 7-8               | -        | 67             | 55               | -    | -         | -    | 3.0                |      |     |  |  |
|  | Catterick ... 175           | 1017.9                       | +14              | SW                 | 1      | bc     | 52       | 85        | 7        | 5           | 4      | -       | 2-3                    | 4-6    | 4000                                   | 1018.7           | +10                | SW    | 1       | c/p      | 55        | 85       | 8           | 5                      | 4                | -                   | 4-6                   | 3                 | 4500     | 0              | 65               | 49   | 44        | -    | -                  | 2.8  |     |  |  |
|  | Tynemouth ... 108           | 1017.3                       | +12              | NW                 | 3      | bc     | 55       | 75        | 7        | -           | 4      | -       | 0                      | 2-3    | -                                      | 1018.8           | +8                 | WSW   | 3       | bc       | 55        | 75       | 6           | 2                      | 3                | -                   | 2-3                   | 4-6               | 3000     | 0              | 65               | 55   | 48        | -    | -                  | -    |     |  |  |
| 11                                     | St. Abba Head ... 280       | 1014.6                       | +18              | W                  | 4      | bc     | 49       | 85        | 8        | 4           | 2      | Tr      | 2-3                    | 2500   | 1016.7                                 | +12              | SW                 | 3     | bc      | 51       | 75        | 3        | 4           | 4                      | 2                | 2-3                 | 4-6                   | 2500              | 0        | 62             | 45               | -    | Tr        | -    | -                  |      |     |  |  |
|  | Leuchars ... 36             | 1014.6                       | +20              | WSW                | 2      | b      | 49       | 85        | 8        | 5           | 4      | -       | Tr                     | 1      | 2500                                   | 1016.1           | +10                | SW    | 3       | c        | 55        | 85       | 7           | 8                      | -                | 6                   | 1                     | 3                 | 2500     | 0              | 65               | 47   | 42        | 0.3  | -                  | 7.0  |     |  |  |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1015.4                       | +14              | SW                 | 2      | z      | 52       | 85        | 6        | 8           | 3      | -       | 4-6                    | 4-6    | 2000                                   | 1016.3           | +10                | SW    | 2       | c        | 55        | 85       | 8           | 8                      | 3                | -                   | 1                     | 7-8               | 3        | 60             | 50               | 42   | Tr        | Tr   | 1.4                |      |     |  |  |
|  | Eskdalemuir ... 794         | 1017.7                       | +12              | WSW                | 2      | c      | 53       | 85        | 8        | 5           | -      | -       | 3                      | 3      | 4000                                   | 1018.1           | +12                | WSW   | 4       | c        | 51        | 85       | 8           | 1                      | 3                | 3                   | Tr                    | 7-8               | 4000     | 0              | 60               | 40   | 33        | -    | -                  | 5.7  |     |  |  |
|  | Point of Ayre ... 30        | 1017.7                       | +12              | WSW                | 2      | c      | 53       | 85        | 8        | 5           | -      | -       | 3                      | 3      | 4000                                   | 1018.1           | +12                | WSW   | 4       | c        | 51        | 85       | 8           | 1                      | 3                | 3                   | Tr                    | 7-8               | 4000     | 0              | 60               | 40   | 33        | -    | -                  | 5.7  |     |  |  |
| 13A                                    | Tiree ... 22                | 1013.4                       | +8               | SW                 | 3      | bc/p   | 51       | 92        | 7        | 8           | -      | -       | 4-6                    | 4-6    | 1500                                   | 1012.6           | +2                 | SW    | 3       | c        | 54        | 85       | 8           | 8                      | 3                | -                   | 4-6                   | 7-8               | 1500     | 0              | 58               | 50   | -         | 4    | 2                  | 0.6  |     |  |  |
| 13B                                    | Stornoway ... 80            | 1009.6                       | +8               | SW                 | 4      | c/p    | 58       | 92        | 7        | 5           | 7      | -       | 7-8                    | 3      | 2000                                   | 1010.1           | 0                  | SW    | 5       | c        | 53        | 92       | 8           | 8                      | 7                | -                   | 7-8                   | 3                 | 2500     | 1              | 58               | 50   | -         | 3    | 2                  | 0.8  |     |  |  |
| 15                                     | Dalwhinnie ... 1176         | 1010.7                       | +18              | WSW                | 2      | c      | 52       | 92        | 3        | 5           | 7      | -       | 4-6                    | 3      | 1400                                   | 1010.4           | +18                | SW    | 2       | bc       | 54        | 75       | 3           | 7                      | 7                | -                   | Tr                    | 4-6               | 3500     | 1              | 70               | 48   | 41        | 0.5  | Tr                 | 5.0  |     |  |  |
|  | Aberdeen ... 79             | 1010.7                       | +18              | WSW                | 2      | c      | 52       | 92        | 3        | 5           | 7      | -       | 4-6                    | 3      | 1400                                   | 1010.4           | +18                | SW    | 2       | bc       | 54        | 75       | 3           | 7                      | 7                | -                   | Tr                    | 4-6               | 3500     | 1              | 70               | 48   | 41        | 0.5  | Tr                 | 5.0  |     |  |  |
|  | Wick ... 381                | 1008.4                       | +18              | W                  | 3      | bc     | 53       | 97        | 7        | 6           | -      | -       | 10                     | 10     | 600                                    | 1012.6           | +14                | WSW   | 4       | c        | 54        | 85       | 8           | 5                      | -                | -                   | 3                     | 3                 | 6000     | -              | 60               | 51   | -         | -    | -                  | -    |     |  |  |
| 16                                     | Lerwick ... 196             | 1008.4                       | +18              | W                  | 3      | bc     | 53       | 97        | 7        | 6           | -      | -       | 10                     | 10     | 600                                    | 1012.6           | +14                | WSW   | 4       | c        | 54        | 85       | 8           | 5                      | -                | -                   | 3                     | 3                 | 6000     | -              | 60               | 51   | -         | -    | -                  | -    |     |  |  |
| 17                                     | Blacksod Point ... 18       | 1016.2                       | 0                | SW                 | 3      | c      | 55       | 85        | 8        | 4           | -      | -       | 7-8                    | 7-8    | 2500                                   | 1015.8           | +2                 | SW    | 2       | bc       | 58        | 92       | 8           | 6                      | -                | -                   | 10                    | 10                | 2500     | 1              | 60               | 51   | -         | -    | -                  | -    |     |  |  |
| 18                                     | Malin Head ... 84           | 1014.6                       | +2               | SW                 | 4      | c      | 53       | 85        | 7        | 6           | -      | -       | 3                      | 3      | 2500                                   | 1014.8           | +4                 | SW    | 4       | c        | 53        | 85       | 8           | 2                      | 7                |                     |                       |                   |          |                |                  |      |           |      |                    |      |     |  |  |



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Friday 18th July 1941  
No. 29093

| OBSERVATIONS at 13h. G.M.T. 17th July |   |  |                                     |   |                                 |                                  |  |  |                                 |                                 |   |   |   |  | OBSERVATIONS at 18h. G.M.T. 17th July                              |                                     |  |  |                                  |  |  |                                 |   |                                 |  |   |   |  |                                 | PAST 24 HOURS.                    |                                 |   |  |   |  |  |
|---------------------------------------|---|--|-------------------------------------|---|---------------------------------|----------------------------------|--|--|---------------------------------|---------------------------------|---|---|---|--|--|-------------------------------------|--|--|----------------------------------|--|--|---------------------------------|---|---------------------------------|--|---|---|--|---------------------------------|-----------------------------------|---------------------------------|---|--|---|--|--|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.)  | Barom.<br>at<br>M.S.L.<br>(1)                                      | Change in<br>8 hours.<br>(2)        | Wind.                                       |                                 | Weather.                         | Temp.<br>°F.<br>(6)                    | Humid.<br>%<br>(7)                     | Visibility.<br>0-9<br>(8)       | Cloud.                          |   |   |   |  | Barom.<br>at<br>M.S.L.<br>(15)                                     | Change in<br>8 hours.<br>(16)       | Wind.  |  | Weather.                         | Temp.<br>°F.<br>(20)                   | Humid.<br>%<br>(21)                    | Visibility.<br>0-9<br>(22)      | Cloud.                                  |                                 |  |   |   | State of<br>Ground.<br>0-9<br>(29)                   | Sea.<br>0-9<br>(30)             | WEATHER.                          |                                 |   |  |   |  |  |
|                                       |   |  |                                     | Dir.  | Force.<br>0-12<br>(4)           |                                  |  |  |                                 | Form.                           | Amount.<br>Low 0-10<br>Total 0-10<br>(11) (12) (13) | Height<br>of<br>Base.<br>(feet)<br>(14)       | Dir.  | Force.<br>0-12<br>(18)                                   |  |                                     | Form.  | Amount.<br>Low 0-10<br>Total 0-10<br>(24) (25) (26) (27) |                                  |  |  |                                 | Height<br>of<br>Base.<br>(feet)<br>(28) | 7h.—13h.<br>17th                | 13h.—18h.<br>17th                      | 18h. 17th to<br>18th                          | 1h.—7h.<br>18th                             |  |                                 |                                   |                                 |   |  |   |  |  |
|                                       |   |  |                                     |   |                                 |                                  |  |  |                                 |                                 |   |   |   |  |  |                                     |  |  |                                  |  |  |                                 |   |                                 |  |   |   |  |                                 |                                   |                                 |   |  |   |  |  |
| 1                                     | London (Kew) ...<br>Croydon ...<br>S. Farnborough<br>Boscombe Down<br>Thorney Island<br>Lympne ...<br>Manston ...           | 1023.5<br>1023.2<br>1023.6<br>1023.6<br>1024.2<br>1023.9<br>1023.8 | 0<br>0<br>0<br>-2<br>+4<br>+2<br>+2 | SWW<br>WSW<br>SWS<br>SSW<br>SW<br>SW<br>WSW | 3<br>2<br>3<br>4<br>3<br>2<br>3 | c<br>bc<br>c<br>c<br>c<br>c<br>c | 66<br>69<br>68<br>64<br>66<br>65<br>65 | 55<br>55<br>45<br>55<br>65<br>65<br>55 | 8<br>8<br>8<br>9<br>2<br>2<br>8 | 8<br>4<br>2<br>2<br>3<br>2<br>3 | -<br>-<br>9<br>-<br>1<br>-<br>-                     | 7-8<br>1-6<br>4-6<br>1-6<br>4-6<br>2-3<br>7-8 | 7-8<br>1-6<br>7-8<br>3600<br>4700<br>2500<br>3000 | 2500<br>3000<br>3500<br>3600<br>4700<br>2500<br>3000     | 1022.9<br>1023.0<br>1023.1<br>1023.4<br>1023.9<br>1023.7<br>1023.5 | -4<br>0<br>-2<br>0<br>-4<br>0<br>-2 | WSW<br>SSW<br>SWS<br>SSW<br>SW<br>WSW<br>WSW | 3<br>3<br>4<br>4<br>4<br>2<br>3                          | c<br>c<br>c<br>c<br>c<br>c<br>c  | 65<br>65<br>64<br>60<br>62<br>64<br>64 | 55<br>55<br>55<br>65<br>65<br>55<br>65 | 8<br>8<br>8<br>8<br>9<br>1<br>5 | 8<br>2<br>9<br>4<br>4<br>7<br>5         | -<br>-<br>-<br>-<br>-<br>-<br>- | 7<br>6<br>7<br>7<br>8<br>6<br>6        | 2-3<br>4-6<br>2-3<br>2-3<br>2-3<br>2-3<br>2-3 | 10<br>7-8<br>10<br>9<br>9<br>28<br>9        | 5000<br>4000<br>3500<br>5000<br>4000<br>4000<br>3500 | 0<br>0<br>0<br>0<br>0<br>0<br>0 | 2<br>1<br>1<br>0<br>0<br>0<br>0   | 3<br>1<br>1<br>0<br>0<br>0<br>0 | cay<br>abc<br>cubey<br>bcy<br>cyc<br>eycy | cy<br>bay<br>bccbey<br>ccy<br>boyc<br>obeyv<br>eye | cye<br>eye<br>eye<br>cye<br>eye<br>eye<br>eye | ey<br>ey<br>ey<br>ey<br>ey<br>ey<br>ey | ey<br>ey<br>ey<br>ey<br>ey<br>ey<br>ey |
| 2                                     | Shoeburyness ...<br>Felixstowe ...<br>Gorleston ...<br>Mildenhall ...<br>Cranwell ...                                       | 1023.6<br>1023.3<br>1023.1<br>1022.7<br>1021.4                     | -6<br>+2<br>0<br>-2<br>-6           | SSW<br>SSW<br>WS<br>SW<br>SW                | 2<br>3<br>3<br>3<br>3           | c<br>c<br>bc<br>c<br>c           | 67<br>67<br>63<br>67<br>66             | 55<br>55<br>75<br>45<br>45             | 8<br>8<br>7<br>8<br>8           | 8<br>4<br>7<br>8<br>2           | -<br>-<br>-<br>9<br>-                               | 9+<br>7-8<br>4-6<br>7-8<br>7-8                | 9+<br>7-8<br>4-6<br>7-8<br>7-8                    | 4000<br>4500<br>2500<br>3000<br>3000                     | 1023.1<br>1022.4<br>1022.3<br>1021.7<br>1021.1                     | -4<br>-6<br>-6<br>-6<br>0           | SWS<br>SW<br>SWS<br>SWW<br>SSW               | 3<br>4<br>4<br>2<br>3                                    | c<br>c<br>bc<br>c<br>c           | 67<br>66<br>65<br>67<br>66             | 55<br>65<br>75<br>55<br>55             | 8<br>8<br>8<br>8<br>7           | 8<br>3<br>2<br>7<br>8                   | -<br>-<br>-<br>-<br>-           | 4<br>1<br>7<br>6<br>7                  | 2-3<br>1<br>4-6<br>2-3<br>4-6                 | 10<br>9<br>4-6<br>3000<br>9+                | 4000<br>3500<br>2500<br>3000<br>2000                 | 0<br>0<br>0<br>0<br>0           | 2<br>3<br>4<br>0<br>0             | 3<br>3<br>4<br>0<br>0           | cay<br>cay<br>bc<br>bcy<br>bcy            | cy<br>cybec<br>bc<br>bcy<br>cybey                  | ccpr<br>ebc<br>bc<br>cycbc<br>cmz             | pr<br>bcc<br>bc<br>cycbc<br>cmz        | pr<br>bcc<br>bc<br>cycbc<br>cmz        |
| 3                                     | Birmingham<br>Upper Heyford   | 1021.6<br>1022.5   | +2<br>+2                            | SSW<br>SWS                                  | 3<br>3                          | c<br>c                           | 65<br>68                               | 45<br>55                               | 8<br>8                          | 7<br>8                          | -<br>-  | 7-8<br>7-8                                    | 2500<br>2500                                      | 1021.1<br>1022.5   | -2<br>-2   | SW<br>SSW                           | 3<br>3                                       | c<br>c   | 62<br>61                         | 55<br>75                               | 8<br>8                                 | 5<br>5                          | 7<br>7                                  | -<br>-                          | 9<br>9+                                | 10<br>3500                                    | 2500<br>3500                                | 1<br>1   | 3<br>1                          | 3<br>1                            | bc<br>bc<br>bc                  | bcc<br>eye<br>eye                         | c<br>c<br>c  | pr<br>ey<br>ey                                |  |  |
| 4                                     | Ross-on-Wye ...   | 1021.8   | +4                                  | SW  | 4                               | c                                | 63                                     | 65                                     | 8                               | 8                               | -   | 9+  | 9+  | 4000   | 1021.1   | -6                                  | SSW  | 3  | c                                | 63                                     | 65                                     | 8                               | 8                                       | 7                               | -                                      | 1   | 9+  | 2500   | 1                               | 3                                 | bc<br>bc                        | bcc<br>eye<br>eye                         | c<br>c<br>c  | pr<br>ey<br>ey                                |  |  |
| 5                                     | Hartland Point<br>Bristol ...<br>Portland Bill ...<br>Plymouth ...<br>The Lizard ...<br>Scilly (St. Mary's)<br>Guernsey ... | 1022.6<br>1023.0<br>1023.9<br>1024.3<br>1024.1<br>1022.5           | 0<br>0<br>+6<br>+2<br>+6<br>+2      | W<br>SW<br>SW<br>SW<br>SW<br>SW             | 4<br>4<br>4<br>3<br>4<br>4      | bc<br>c<br>c<br>c<br>c<br>c      | 60<br>64<br>59<br>64<br>58<br>63       | 85<br>65<br>92<br>75<br>85<br>85       | 8<br>8<br>8<br>8<br>8<br>8      | 2<br>4<br>5<br>5<br>2<br>2      | -<br>2<br>-<br>-<br>4<br>-<br>1                     | 4-6<br>7-8<br>10<br>4-6<br>7-8<br>10          | 2500<br>3000<br>4000<br>2500<br>2500<br>1500      | 1020.4<br>1021.7<br>1023.7<br>1023.3<br>1021.9<br>1020.6 | -10<br>-10<br>-6<br>-14<br>-12<br>-12                              | SW<br>SSW<br>SW<br>SSW<br>SWW<br>SW | 3<br>3<br>4<br>4<br>5<br>4                   | rr<br>c<br>c<br>c<br>c/pr<br>c/pr                        | 59<br>62<br>59<br>60<br>60<br>62 | 92<br>75<br>92<br>92<br>97<br>85       | 6<br>8<br>8<br>8<br>8<br>8             | 6<br>7<br>5<br>5<br>8<br>5      | 2<br>7<br>6<br>2<br>6<br>7              | -<br>6<br>-<br>-<br>-<br>-      | 7-8<br>4-6<br>4-6<br>7-8<br>7-8<br>7-8 | 10<br>9+<br>4000<br>1000<br>9+<br>9           | 600<br>4500<br>4000<br>2000<br>2000<br>1200 | 1<br>1<br>0<br>0<br>0<br>1                           | 3<br>3<br>2<br>3<br>3<br>4      | obe<br>c<br>c<br>c<br>bc<br>ebecr | bcc<br>bc<br>c<br>c<br>c<br>c   | c<br>c<br>c<br>c<br>c<br>c                | pr<br>ey<br>ey<br>ey<br>ey<br>ey                   |   |  |  |
| 6                                     | Pembroke  | 1021.8   | -2                                  | SSW   | 5                               | c                                | 61                                     | 85                                     | 8                               | 8                               | 6   | -   | 4-6   | 7-8  | 3000   | 1019.5                              | -18  | S  | 6                                | RR                                     | 57                                     | 97                              | 6                                       | 6                               | 2                                      | -   | 10  | 10   | 2200                            | 1                                 | 3                               | pr<br>bc                                  | ey<br>ey   | c<br>c  | pr<br>ey                               |  |
| 7                                     | Holyhead (Valley)<br>Chester (Sealand)  | 1019.9<br>1020.5   | -6<br>0                             | SSW<br>W                                    | 4<br>3                          | c<br>c                           | 62<br>67                               | 70<br>45                               | 8<br>8                          | 2<br>8                          | 3<br>-  | -<br>-  | 1<br>9  | 9+<br>3000   | 1017.8<br>1019.5   | -14<br>-10                          | S<br>SSW                                     | 4<br>2   | c/r<br>rr                        | 59<br>63                               | 92<br>65                               | 8<br>8                          | 5<br>5                                  | 2<br>7                          | -<br>-                                 | 9<br>9+                                       | 10<br>4000                                  | 2800<br>4000   | 1<br>0                          | 3<br>3                            | pr<br>bc<br>bc                  | ey<br>ey<br>ey                            | c<br>c<br>c  | pr<br>ey<br>ey                                |  |  |
| 8                                     | Manchester  | 1021.0   | 0                                   | WSW   | 2                               | c                                | 65                                     | 55                                     | 8                               | 2                               | -   | 6   | 7-8   | 7-8  | 3000   | 1020.3                              | -4   | SWS  | 2                                | c                                      | 63                                     | 65                              | 8                                       | 7                               | 2                                      | -   | 7-8   | 10   | 3000                            | 0                                 | 3                               | bc<br>bc                                  | bcc<br>eye<br>eye                                  | c<br>c  | pr<br>ey<br>ey                         |  |
| 10                                    | Spurn Head<br>Catterick<br>Tynemouth  | 1021.2<br>1020.1<br>1019.7   | +2<br>-2<br>+4                      | WSW<br>WSW<br>SW                            | 2<br>3<br>3                     | bc<br>c<br>c                     | 69<br>67<br>62                         | 45<br>45<br>55                         | 7<br>9<br>6                     | 8<br>2<br>8                     | 5<br>6<br>-   | 1<br>-<br>-                                   | 4-6<br>7-8<br>7-8                                 | 4000<br>4500<br>3000                                     | 1020.3<br>1019.4<br>1019.7   | +4<br>-2<br>-6                      | SW<br>SW<br>SW                               | 3<br>3<br>3  | c<br>rr<br>c                     | 69<br>65<br>64                         | 55<br>45<br>45                         | 7<br>8<br>7                     | 8<br>5<br>8                             | 1<br>7<br>-                     | 1<br>2-3<br>9                          | 7-8<br>10<br>9                                | 4000<br>3200<br>3000                        | 0<br>0<br>0  | 2<br>3<br>2                     | bc<br>cpr<br>bc                   | bcc<br>eyey<br>c                | c<br>c<br>c                               | pr<br>ey<br>ey                                     |   |  |  |
| 11                                    | St. Abbs Head<br>Leuchars   | 1016.5<br>1017.0   | +6<br>+4                            | SW<br>SW                                    | 4<br>4                          | c<br>c                           | 64<br>62                               | 55<br>55                               | 9<br>8                          | 2<br>2                          | 7<br>3  | -<br>-  | 4-6<br>2-3  | 7-8<br>3500  | 1016.9<br>1017.0   | 0<br>0                              | SW<br>SW                                     | 5<br>4   | c<br>c/pr                        | 61<br>59                               | 55<br>85                               | 9<br>8                          | 4<br>8                                  | 4<br>3                          | 5<br>8                                 | 2-3<br>4-6                                    | 7-8<br>7-8                                  | 2500<br>3200   | 0<br>1                          | 3<br>3                            | bc<br>cbr                       | bcc<br>eyey                               | c<br>c   | pr<br>ey<br>ey                                |  |  |
| 12                                    | Renfrew (Abbots L.)<br>Eskdalemuir ...<br>Point of Ayre ...   | 1017.5<br>1018.9<br>1018.0   | +6<br>+6<br>0                       | SWW<br>SWS<br>SWW                           | 4<br>4<br>4                     | c/pr<br>c<br>c                   | 64<br>57<br>69                         | 55<br>65<br>45                         | 8<br>8<br>8                     | 8<br>8<br>1                     | 3<br>-<br>3   | 3<br>-<br>-                                   | 4-6<br>9+<br>1                                    | 1500<br>1500<br>2500                                     | 1016.9<br>1017.9<br>1017.0   | -4<br>-2<br>-14                     | SSW<br>SWS<br>SSW                            | 3<br>4<br>5  | c<br>c<br>DD                     | 62<br>57<br>55                         | 55<br>75<br>97                         | 9<br>8<br>6                     | 3<br>5<br>6                             | 3<br>7<br>2                     | -<br>-<br>-                            | 4-6<br>7-8<br>9                               | 2500<br>1500<br>800                         | 0<br>1<br>1  | 3<br>3<br>4                     | bc<br>cbr<br>c                    | bcc<br>eyey<br>eye              | c<br>c<br>c                               | pr<br>ey<br>ey                                     |   |  |  |
| 13A                                   | Tiree   | 1014.9   | +4                                  | SW  | 4                               | bc                               | 58                                     | 75                                     | 8                               | 7                               | -   | -   | 2-3   | 2-3  | 2500   | 1014.8                              | 0  | SWW  | 2                                | bc                                     | 56                                     | 85                              | 8                                       | 2                               | 3                                      | -   | 2-3   | 4-6  | 2500                            | 0                                 | 4                               | bc<br>cpr                                 | bcc<br>eyey  | c<br>c  | pr<br>ey<br>ey                         |  |
| 13B                                   | Stornoway   | 1012.5   | +4                                  | S   | 6                               | c/pr                             | 56                                     | 85                                     | 8                               | 8                               | 7   | -   | 4-6   | 9+   | 2000   | 1014.0                              | +4   | S  | 6                                | c/pr                                   | 56                                     | 85                              | 8                                       | 5                               | 7                                      | 2   | 7-8   | 9  | 2500                            | 1                                 | 3                               | bc<br>cpr                                 | bcc<br>eyey  | c<br>c  | pr<br>ey<br>ey                         |  |
| 15                                    | Dalwhinnie<br>Aberdeen ...<br>Wick ...<br>Lerwick   | 1016.1<br>1016.2<br>1014.6<br>1015.0                               | +10<br>+2<br>+6<br>+10              | SW<br>SWS<br>SW<br>SW                       | 4<br>4<br>4<br>3                | rr<br>bc<br>c<br>c               | 54<br>64<br>58<br>56                   | 75<br>55<br>75<br>85                   | 6<br>8<br>8<br>9                | 9<br>2<br>2<br>2                | -<br>8<br>7<br>8                                    | -<br>-<br>-                                   | 7-8<br>2-3<br>2-3<br>7-8                          | 1500<br>3100<br>3000<br>2500                             | 1016.5<br>1016.5<br>1015.0<br>1016.4                               | 0<br>+2<br>+2<br>+6                 | SW<br>SSW<br>S<br>SSW                        | 2<br>3<br>3<br>2   | rr<br>bc<br>bc<br>c              | 52<br>65<br>60<br>55                   | 97<br>55<br>75<br>85                   | 6<br>8<br>9<br>8                | 6<br>2<br>6<br>5                        | -<br>-<br>-<br>-                | 10<br>4-6<br>2-3<br>2-3                | 10<br>800<br>3500<br>2000                     | 2<br>0<br>0<br>0                            | 3<br>2<br>3<br>3                                     | dd<br>cpr<br>c                  | rr<br>eyey<br>eye                 | bc<br>eyey<br>eye               | pr<br>ey<br>ey                            |  |   |  |  |
| 17                                    | Blackad Point...  | 1015.7   | 0                                   | NW  | 2                               | c/d                              | 54                                     | 97                                     | 7                               | 6                               | -   | -   | 10  | 10   | 1500   | 1015.1                              | -4   | NNW  | 2                                | rr                                     | 52                                     | 97                              | 6                                       | 6                               | -                                      | -   | 10  | 10   | 800                             | 2                                 | 3                               | dd<br>cpr                                 | rr<br>eyey   | bc<br>eyey                                    | pr<br>ey<br>ey                         |  |
| 18                                    | Malin Head<br>Aldergrove  | 1015.9<br>1017.2   | +4<br>-2                            | W<br>SW                                     | 3<br>3                          | c/pr<br>c                        | 55<br>61                               | 92<br>65                               | 7<br>8                          | 5<br>8                          | -<br>-  | -<br>-  | 9+<br>9+  | 800<br>2500  | 1014.7<br>1015.0   | -8<br>-18                           | N<br>ESE                                     | 1<br>2   | c<br>c                           | 55<br>57                               | 92<br>92                               | 7<br>9                          | 9<br>5                                  | -<br>2                          | -<br>-                                 | 9<br>2-3                                      | 9+<br>700                                   | 800<br>700   | 0<br>1                          | 2<br>3                            | cpr<br>c                        | eyey<br>eyey                              | c<br>c   | pr<br>ey<br>ey                                |  |  |
| 19                                    | Birr Castle   | 1015.7   | -26                                 | S   | 1                               | rr                               | 59                                     | 97                                     | 7                               | 6                               | 2   | -   | 7-8   | 10   | 1500   | 1014.7                              | -2   | SW   | 2                                | bc                                     | 64                                     | 75                              | 8                                       | 8                               | 7                                      | -   | 4-6   | 4-6  | 1500                            | 1                                 | 3                               | cir<br>cpr                                | bcc<br>eyey  | c<br>c  | pr<br>ey<br>ey                         |  |
| 20                                    | Valentia Obsy. †<br>Roche's Point   | 1016.6<br>1017.3   | +2<br>-6                            | SWW<br>WSW                                  | 4<br>3                          | c/d<br>rr                        | 61<br>60                               | 92<br>97                               | 7<br>8                          | 5<br>6                          | -<br>2  | -<br>-  | 9+<br>7-8   | 1500<br>800  | 1015.7<br>1016.8   | -6<br>-6                            | SWS<br>WSW                                   | 4<br>3   | ido<br>c                         | 59<br>59                               | 92<br>92                               | 6<br>8                          | 5<br>6                                  | -<br>1                          | -<br>-                                 | 10<br>4-6                                     | 10<br>9                                     | 800<br>1500  | 1<br>1                          | 4<br>4                            | cir<br>cpr                      | bcc<br>eyey                               | c<br>c   | pr<br>ey<br>ey                                |  |  |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |       |                 |                                       |                |             |                 |             |                |    |                 |       |
|--|----------------|-------|-----------------|---------------------------------------|----------------|-------------|-----------------|-------------|----------------|----|-----------------|-------|
| 13h. G.M.T. 12h. July.....18h. G.M.T.  |                |       |                 | 01h. G.M.T. 18h. July.....07h. G.M.T. |                |             |                 |             |                |    |                 |       |
| III  | C <sub>u</sub> | ww    | Vh <sub>N</sub> | DDFWN                                 | C <sub>u</sub> | ww          | Vh <sub>N</sub> | DDFWN       | C <sub>u</sub> | ww | Vh <sub>N</sub> | DDFWN |
| 10987  | 81746          | 18387 | 3-              | 81854 2184                            | 53             | 01861 20114 | 57              | 02775 14327 |                |    |                 |       |
| 11584  | 02844          | 20426 | 84              | 01244 20425                           | 54             | 01244 20315 | 52              | 02735 04268 |                |    |                 |       |
| 2035-  | 02956          | 20626 | 8-              | 01244 18514                           | 8-             | 02337 16117 |                 |             |                |    |                 |       |
| 20687  | 25964          | 53587 | 83              | 01963 18484                           | 83             | 02265 00027 | 53              | 02864 06125 |                |    |                 |       |
| 21087  | 02964          | 18427 | 84              | 01263 23483                           | 54             | 02264 00017 | 53              | 02863 00067 |                |    |                 |       |
| 220  |                |       | 13              | 01953 22304                           |                |             | 13              | 01243 21104 |                |    |                 |       |
| 23087  | 02855          | 20487 | 87              | 25846 20287                           | 5-             | 62648 00088 | 57              | 61847 26468 |                |    |                 |       |
| 2452-  | 02855          | 22418 | 86              | 02865 18316                           | 02             | 66648 12268 | 02              | 58528 20268 |                |    |                 |       |
| 26086  | 01864          | 20385 | 73              | 02863 18426                           |                |             | 57              | 02845 00068 |                |    |                 |       |
| 277  |                |       |                 |                                       |                |             |                 |             |                |    |                 |       |
| 27923  | 02864          | 18526 | 52              | 61856 16468                           |                |             | 5-              | 21625 18358 |                |    |                 |       |
| 2855-  | 03858          | 24428 |                 |                                       |                |             | 5-              | 03638 10328 |                |    |                 |       |
| 2888-  | 01964          | 22224 | 5-              | 02845 22228                           | 5-             | 22666 17326 | 52              | 61657 15068 |                |    |                 |       |
| 273  |                |       |                 |                                       |                |             |                 |             |                |    |                 |       |
| 30117  | 02853          | 26415 | 52              | 61755 20268                           | 52             | 05656 47568 | 52              | 21636 24258 |                |    |                 |       |
| 32186  | 02755          | 21315 | 57              | 02774 20328                           | 57             | 05678 17328 | 6-              | 02738 17368 |                |    |                 |       |
| 29980  | 01754          | 22314 | 50              | 05655 22315                           |                |             |                 |             |                |    |                 |       |
| 2921-  | 01844          | 22224 | 51              | 05666 00028                           | 02             | 61668 16268 | 5-              | 53638 16258 |                |    |                 |       |
| 310--  | 01644          | 24315 |                 |                                       |                |             | --              | 67109 20449 |                |    |                 |       |
| 316  |                |       |                 |                                       |                |             |                 |             |                |    |                 |       |
| 33884  | 22966          | 16367 | 52              | 64756 16568                           | 5-             | 54528 18268 | 51              | 02713 20258 |                |    |                 |       |
| 334--  | 02748          | 30326 |                 |                                       |                |             | --              | 64437 24368 |                |    |                 |       |
| 34080  | 01954          | 22314 | 57              | 25843 20467                           | 5-             | 61744 16468 | 6-              | 64428 18368 |                |    |                 |       |
| 136  |                |       | 13              | 02863 20216                           | 04             | 01790 18113 | 31              | 61635 16568 |                |    |                 |       |
| 33652  | 02862          | 24418 | 62              | 64653 16368                           |                |             | 62              | 64653 20368 |                |    |                 |       |
| 35047  | 02765          | 26325 | 83              | 02864 18327                           | 5-             | 02758 18328 | 62              | 61736 16468 |                |    |                 |       |
| 36886  | 02978          | 1586  |                 |                                       |                |             | 5-              | 62638 20368 |                |    |                 |       |
| 37923  | 02865          | 20322 | 87              | 02855 18327                           | 5-             | 62648 20468 | 52              | 66508 18568 |                |    |                 |       |
| 39083  | 02765          | 24118 | 8-              | 02766 24317                           | 5-             | 05586 20226 | 52              | 58535 22368 |                |    |                 |       |
| 38273  | 02855          | 23225 | 57              | 02866 21227                           | 52             | 02745 17328 | 62              | 58527 17368 |                |    |                 |       |
| 45850  | 01753          | 24413 |                 |                                       |                |             | 8-              | 02847 20317 |                |    |                 |       |
| 43043  | 02853          | 20415 | 03              | 02990 22316                           | 57             | 02765 20327 | 52              | 02743 20428 |                |    |                 |       |
| 40983  | 02956          | 20427 | 62              | 62736 17568                           | 62             | 22627 20268 | 5-              | 63628 20468 |                |    |                 |       |

III

ww, VV

h, N<sub>h</sub>

N

C<sub>u</sub>, C<sub>ex</sub>

V

DD

= Index Number of Station—See M.O. 252 or list issued on 1st of each month.

= Present and past weather—See M.O. 252.

= Height and amount of low cloud—See M.O. 252.

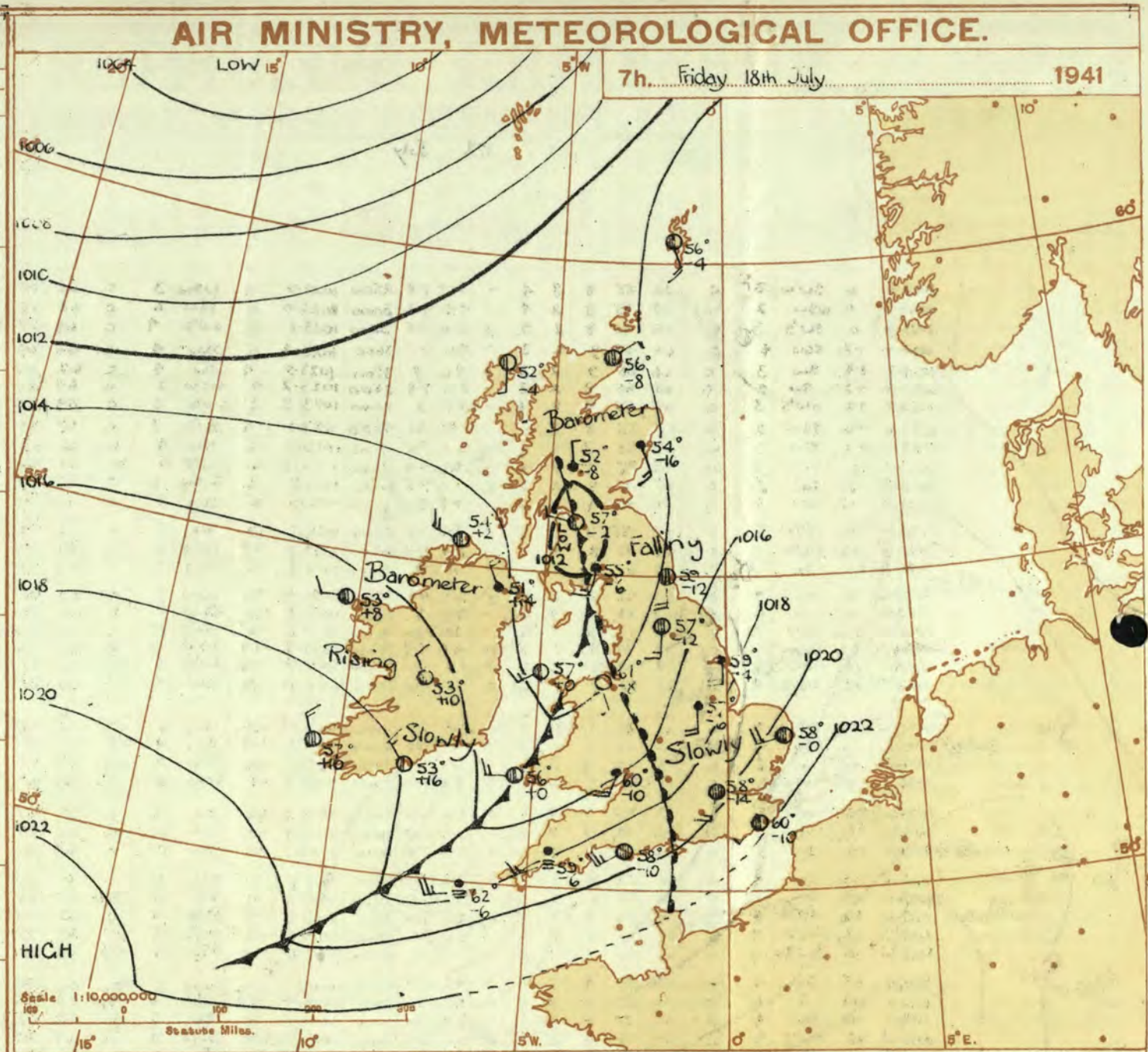
= Total amount of cloud—See M.O. 252.

= Form of low and medium cloud—See page 1.

= Visibility. F = Force of wind—See page 4.

= Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

| DISTRICTS.                          | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 18th July 1941.   |
|-------------------------------------|--|
| 1 S.E. England                      | Light or moderate southwest wind, fresh locally on coasts, veering northwest later.  |
| 2 E. England ...                    | Dull with rain or drizzle at first, bright periods later; temperature somewhat below average.  |
| 3 E. Midlands ...                   |  |
| 4 W. Midlands ...                   |  |
| 5 S.W. England                      |  |
| 6 South Wales ...                   | Light west to northwest wind. Cloudy; occasional rain early in period; bright intervals later to-day and also to-morrow. Temperature somewhat below average. |
| 7 North Wales ...                   |  |
| 8 N.W. England                      |  |
| 9 N. Midlands ...                   |  |
| 10 N.E. England                     | As 1-5   |
| 11 S.E. Scotland                    |  |
| 12 S.W. Scotland & Isle of Man.     | Light or moderate westerly wind. Bright periods, occasional showers; temperature somewhat below average.   |
| 13 { A.W.Scotld.<br>B.N.W.Scotland. |  |
| 14 Mid Sootland                     | Light variable wind becoming westerly. Dull with rain or drizzle at first, bright periods later. Temperature somewhat below average.                         |
| 15 N. E. Scotland                   |  |
| 16 Orkneys and Shetlands            | Light south or variable wind. Cloudy; occasional rain or drizzle. Temperature somewhat below average.  |
| 17 N. W. Ireland                    |  |
| 18 N. E. Ireland                    |  |
| 19 S. E. Ireland                    | As 12-13B.   |
| 20 S. W. Ireland                    |  |



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

**GENERAL INFERENCE.**

A depression over Central Scotland is moving northeast and an associated trough of low pressure through Anglesey and Scilly is moving slowly east-southeast. In England and East Scotland weather will be dull at first with rain or drizzle but bright periods will spread from the west to all districts later. Temperature will be somewhat below the seasonal average.

**FURTHER OUTLOOK.**

Bright periods especially in the South; some showers in the North.

Forecast issued at 1030 G.M.T.

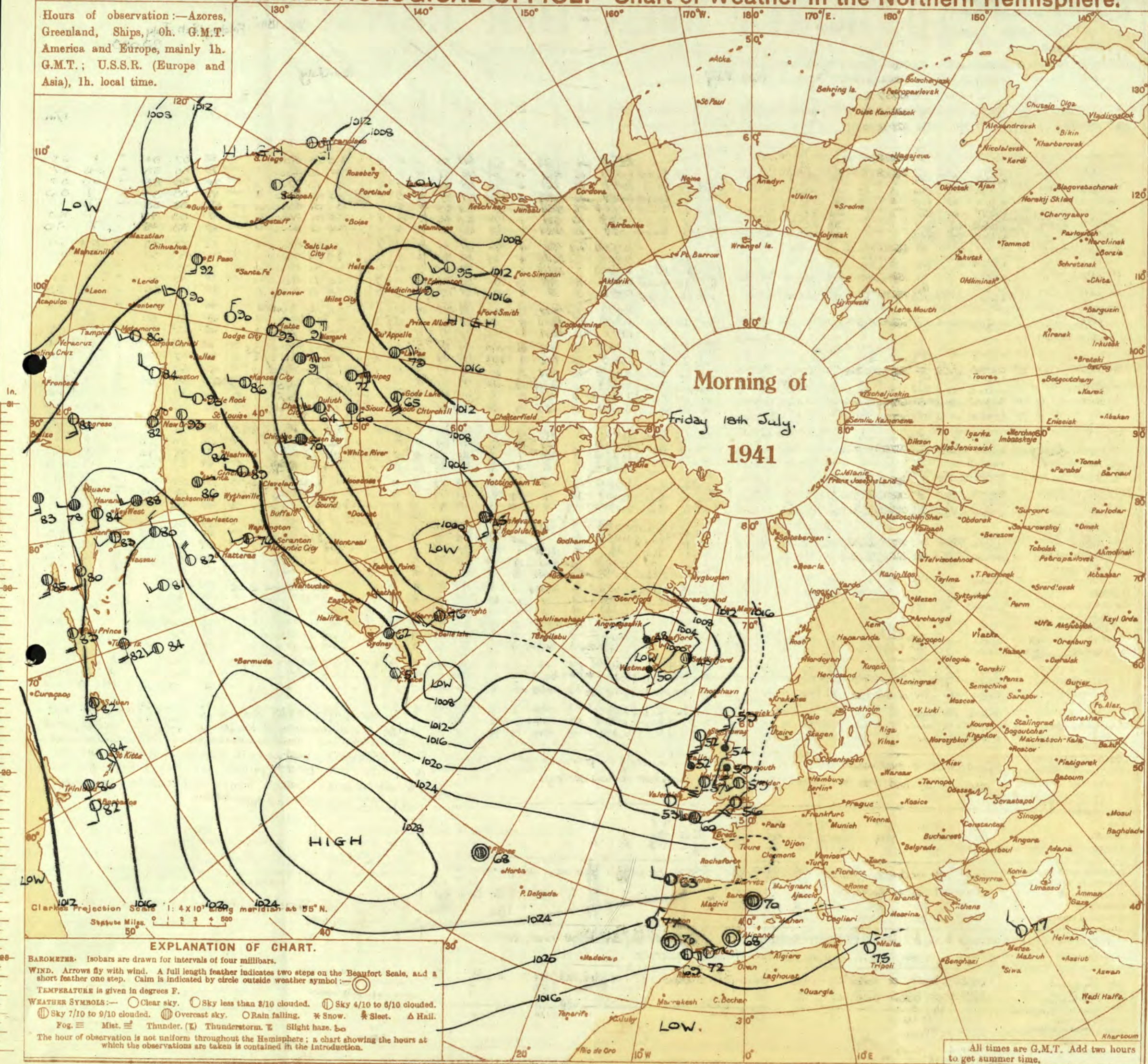
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Friday 18th July 1941  
 No. 23,293

| OBSERVATIONS at 1 hr. G.M.T. 18th July |                             |                              |                      |                        |        |                 |          |               |              |                 |        |              |                             | OBSERVATIONS at 7 hr. G.M.T. 18th July |                  |                       |                         |       |              |          |                |               |                  |                             |                          |                            |                        | 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. 0-9 (30) | TEMPERATURE.          |          |           | RAINFALL. |               | SUNSHINE 17th hrs. (36) |                 |
|  |                             |                              |                      |                        | Direc. | Force. 0-12 (4) |          |               |              |                 | Form.  | Amount. (12) | Height of Base. (feet) (14) | Direc.                                 | Force. 0-12 (18) |                       |                         | Form. | Amount. (26) |          |                |               |                  | Height of Base. (feet) (28) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) |                       |               | Night 18h-7h mm. (35) |          |           |           |               |                         |                 |
|  |                             |                              |                      |                        |        |                 |          |               |              |                 |        |              |                             |  |                  |                       |                         |       |              |          |                |               |                  |                             |                          |                            |                        |                     |                       |               |                       | Low. (9) | Med. (10) | High (11) | Low 0-10 (12) |                         | Total 0-10 (13) |
| 1                                      | London (Kow) ... 18         |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1019.5                      | -14                                    | SSW              | 3                     | c.c.                    | 60    | 85           | 6        | 2              | -             | 4-6              | 10                          | 1500                     | 1                          | *                      | 68                  | 57                    | 54            | -                     | 1        | 6.8       |           |               |                         |                 |
|  | Croydon ... 217             | 1022.6                       | -6                   | SW                     | 3      | c               | 58       | 85            | 7            | 5               | 2      | -            | 10                          | 1500                                   | 1018.0           | -14                   | SW                      | 3     | 58           | 82       | 8              | 5             | 7                | -                           | 10                       | 1500                       | 1                      | *                   | 70                    | 55            | 53                    | -        | 0.6       | 8.7       |               |                         |                 |
|  | S. Farnborough ... 226      | 1022.1                       | -12                  | SW                     | 3      | c               | 57       | 85            | 8            | 5               | 7      | -            | 7-8                         | 10                                     | 3200             | 1016.6                | -12                     | SW    | 4            | 58       | 85             | 7             | 5                | 2                           | -                        | 3                          | 10                     | 2200                | 1                     | *             | 70                    | 56       | 53        | -         | 0.6           | 5.7                     |                 |
|  | Boscombe Down ... 417       | 1021.3                       | -12                  | SW                     | 4      | c               | 56       | 82            | 7            | 5               | -      | -            | 10                          | 10                                     | 1000             | 1013.1                | -10                     | SSW   | 4            | 57       | 87             | 5             | 5                | -                           | -                        | 10                         | 10                     | 4000                | 1                     | *             | 67                    | 55       | 54        | -         | 2             | 8.0                     |                 |
|  | Thorney Island ... 10       | 1022.7                       | -10                  | SW                     | 3      | c               | 60       | 85            | 8            | 5               | 7      | -            | 4-6                         | 10                                     | 3500             | 1020.4                | -8                      | SSW   | 4            | 60       | 85             | 5             | 8                | 7                           | -                        | 3                          | 10                     | 5500                | 0                     | *             | 67                    | 58       | 55        | -         | 1             | 8.0                     |                 |
|  | Lympe ... 346               | 1023.6                       | -6                   | SSW                    | 1      | c               | 54       | 82            | 7            | 5               | -      | -            | 3                           | 3                                      | 4500             | 1021.8                | -10                     | SW    | 1            | 60       | 85             | 8             | 3                | 7                           | -                        | 7-8                        | 3                      | 3500                | 0                     | *             | 67                    | 53       | 49        | -         | 1             | 8.3                     |                 |
|  | Manston ... 154             | 1023.6                       | -6                   | SSW                    | 2      | c               | 54       | 87            | 7            | 5               | 7      | -            | 4-6                         | 3                                      | 3000             | 1024                  | -10                     | SSW   | 2            | 60       | 85             | 5             | 7                | -                           | 7-8                      | 10                         | 4000                   | 0                   | *                     | 69            | 53                    | 48       | -         | 1         | 3.0           |                         |                 |
| 2                                      | Shoeburyness ... 11         |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1020.8                      | -10                                    | SW               | 4                     | c                       | 61    | 75           | 8        | 5              | 2             | -                | 1                           | 3                        | 5700                       | 1                      | *                   | 72                    | 57            | 52                    | -        | 0.4       | 5.6       |               |                         |                 |
|  | Felixstowe ... 15           | 1022.4                       | 0                    | SW                     | 3      | bc              | 60       | 75            | 8            | -               | 7      | -            | 0                           | 4-6                                    | -                | 1020.6                | -10                     | SW    | 4            | 61       | 85             | 8             | 5                | 7                           | -                        | 2-3                        | 3                      | 5000                | 0                     | 2             | 71                    | 58       | 57        | -         | 1             | 5.5                     |                 |
|  | Gorleston ... 5             | 1022.1                       | -2                   | W                      | 2      | bc              | 60       | 85            | 6            | 5               | 3      | -            | 2-3                         | 4-6                                    | 1500             | 1020.5                | 0                       | WSW   | 4            | 58       | 85             | 7             | 5                | -                           | -                        | 3                          | 3                      | 1500                | 0                     | 3             | 70                    | 55       | 52        | -         | -             | *                       |                 |
|  | Mildenhall ... 19           | 1021.3                       | -6                   | SW                     | 2      | bc              | 58       | 75            | 7            | 5               | 7      | -            | 4-6                         | 4-6                                    | 6000             | 1018.7                | -10                     | SE    | 3            | 57       | 82             | 5             | -                | 2                           | -                        | 10                         | 10                     | 500                 | 1                     | *             | 70                    | 57       | 51        | -         | 1             | 7.0                     |                 |
|  | Cranwell ... 240            | 1019.5                       | -12                  | SSW                    | 3      | z               | 58       | 85            | 6            | 5               | -      | -            | 10                          | 10                                     | 2000             | 1016.6                | -6                      | S     | 4            | 57       | 87             | 7             | 6                | 2                           | -                        | 7-8                        | 10                     | 600                 | 1                     | *             | 69                    | 55       | 54        | -         | 0             | 7.3                     |                 |
| 3                                      | Birmingham ... 535          |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1015.4                      | -10                                    | SSW              | 3                     | pp                      | 58    | 82           | 5        | 6              | -             | -                | 10                          | 10                       | 800                        | 1                      | *                   | 66                    | 56            | 55                    | -        | 4         | 7.1       |               |                         |                 |
|  | Upper Heyford ... 408       | 1020.0                       | -6                   | SW                     | 3      | c               | 58       | 82            | 7            | 5               | 2      | -            | 7-8                         | 10                                     | 1200             | 1017.0                | -12                     | SSW   | 4            | 57       | 87             | 6             | 2                | -                           | 3                        | 10                         | 500                    | 1                   | *                     | 69            | 55                    | 55       | -         | 2         | 7.1           |                         |                 |
| 4                                      | Ross-on-Wye ... 223         |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1015.7                      | -10                                    | SSW              | 4                     | pp                      | 60    | 87           | 7        | 6              | -             | -                | 10                          | 10                       | 500                        | 1                      | *                   | 67                    | 57            | 57                    | -        | 3         | 0.6       |               |                         |                 |
| 5                                      | Hartland Point ... 299      | 1017.5                       | -10                  | SW                     | 5      | c.c.            | 53       | 87            | 6            | 6               | 2      | -            | 7-8                         | 10                                     | 800              | 1014.3                | -8                      | SW    | 5            | 53       | 87             | 6             | 5                | -                           | -                        | 10                         | 10                     | 800                 | 1                     | 5             | 62                    | 58       | 57        | -         | 13            | 4.6                     |                 |
|  | Bristol ... 209             | 1020.1                       | -14                  | SSW                    | 4      | c.c.            | 58       | 87            | 7            | 6               | 2      | -            | 7-8                         | 10                                     | 300              | 1017.4                | -10                     | SW    | 4            | 58       | 87             | 8             | 6                | 2                           | -                        | 4-6                        | 10                     | 3000                | 1                     | *             | 66                    | 57       | 55        | -         | 5             | 2.8                     |                 |
|  | Portland Bill ... 32        | 1021.2                       | -10                  | W                      | 4      | c               | 58       | 82            | 7            | 5               | -      | -            | 10                          | 10                                     | 2500             | 1019.0                | -10                     | SW    | 5            | 58       | 82             | 7             | 5                | -                           | -                        | 10                         | 10                     | 2500                | 0                     | 3             | 60                    | 56       | -         | -         | -             | *                       |                 |
|  | Plymouth ... 82             | 1020.6                       | -10                  | SW                     | 5      | c               | 58       | 87            | 6            | 5               | -      | -            | 10                          | 10                                     | 300              | 1018.7                | -10                     | WSW   | 3            | 58       | 87             | 7             | 5                | -                           | -                        | 10                         | 10                     | 4500                | 1                     | 3             | 65                    | 58       | 58        | -         | 3             | 3.3                     |                 |
|  | The Lizard ... 240          | 1020.1                       | -8                   | WSW                    | 5      | c.c.            | 53       | 87            | 6            | 5               | -      | -            | 10                          | 10                                     | 1500             | 1018.3                | -4                      | SW    | 5            | 53       | 87             | 7             | 5                | -                           | -                        | 10                         | 10                     | 800                 | 1                     | 5             | 66                    | 53       | -         | 0.5       | 4.6           |                         |                 |
|  | Scilly (St. Mary's) ... 163 | 1019.6                       | -10                  | SW                     | 5      | c               | 60       | 87            | 7            | 5               | -      | -            | 3                           | 3                                      | 1500             | 1017.1                | -6                      | WS    | 5            | 58       | 87             | 7             | 5                | -                           | -                        | 10                         | 10                     | 450                 | 1                     | 4             | 65                    | 53       | -         | 0.5       | 3.6           |                         |                 |
|  | Guernsey ... 175            |                              |                      |                        |        |                 |          |               |              |                 |        |              |                             |  |                  |                       |                         |       |              |          |                |               |                  |                             |                          |                            |                        |                     |                       |               |                       |          |           |           |               |                         |                 |
| 6                                      | Pembroke ... 142            | 1016.8                       | -12                  | SW                     | 4      | c               | 53       | 87            | 2            | 6               | -      | -            | 10                          | 10                                     | 800              | 1013.7                | -1                      | W     | 3            | 53       | 87             | 7             | 6                | 5                           | -                        | 7-8                        | 3                      | 1500                | 1                     | 3             | (61)                  | 55       | -         | 5         | 3             | 2.4                     |                 |
| 7                                      | Holyhead (Lancaster) ... 26 | 1014.7                       | -12                  | SSW                    | 4      | c               | 57       | 87            | 6            | 5               | 7      | -            | 7-8                         | 3                                      | 2000             | 1013.5                | -1                      | SW    | 3            | 57       | 87             | 7             | 5                | -                           | -                        | 3                          | 3                      | 2000                | 1                     | 2             | 64                    | 55       | 54        | -         | 1             | 4                       |                 |
|  | Chester (Sealand) ... 16    | 1016.3                       | -10                  | SE                     | 4      | c               | 58       | 85            | 6            | 5               | 2      | -            | 3                           | 3                                      | 4000             | 1013.6                | -8                      | SE    | 1            | 61       | 87             | 6             | 2                | -                           | -                        | 3                          | 10                     | 1800                | 1                     | *             | 70                    | 58       | 56        | -         | 3             | 7.0                     |                 |
| 8                                      | Manchester ... 70           | 1017.3                       | -10                  | SE                     | 3      | z               | 58       | 85            | 6            | 5               | 2      | -            | 7-8                         | 10                                     | 2000             | 1014.2                | -6                      | S     | 4            | 58       | 87             | 6             | 5                | -                           | -                        | 10                         | 10                     | 1200                | 1                     | *             | 69                    | 57       | 56        | -         | 3             | 6.4                     |                 |
| 10                                     | Spurn Head ... 29           | 1019.4                       | +4                   | SW                     | 3      | bc              | 53       | 85            | 7            | 4               | 5      | 1            | 2-3                         | 4-6                                    | 4000             | 1016.6                | -4                      | S     | 5            | 53       | 82             | 5             | 5                | -                           | -                        | 10                         | 10                     | 2500                | 0                     | 3             | 70                    | 57       | -         | -         | 1             | 8.3                     |                 |
|  | Catterick ... 175           | 1017.0                       | -14                  | SW                     | 3      | bc              | 58       | 75            | 6            | 5               | 7      | -            | 4-6                         | 3                                      | 3000             | 1014.1                | -12                     | S     | 3            | 57       | 82             | 5             | 5                | -                           | -                        | 10                         | 10                     | 700                 | 0                     | *             | 68                    | 56       | 54        | -         | 1             | 7.1                     |                 |
|  | Tynemouth ... 108           | 1017.7                       | -12                  | SE                     | 3      | bc              | 58       | 85            | 6            | -               | 2      | -            | 10                          | 10                                     | 800              | 1014.3                | -12                     | S     | 4            | 59       | 85             | 6             | 8                | -                           | -                        | 3                          | 3                      | 2000                | 0                     | 2             | 65                    | 58       | 55        | -         | 1             | 7.1                     |                 |
| 11                                     | St. Abbs Head ... 280       | 1016.4                       | 0                    | SE                     | 2      | c               | 54       | 85            | 6            | -               | -      | -            | 10                          | 10                                     | 450              | 1013.8                | -8                      | SE    | 2            | 54       | 82             | 7             | 5                | 7                           | -                        | 3                          | 10                     | 2000                | 0                     | 1             | 64                    | 53       | -         | 0.4       | -             | -                       |                 |
|  | Leuchars ... 36             | 1015.0                       | -18                  | -                      | 0      | RR              | 55       | 82            | 6            | 5               | -      | -            | 10                          | 10                                     | 1300             | 1012.2                | -8                      | -     | 0            | 56       | 87             | 7             | 5                | 2                           | -                        | 3                          | 10                     | 1500                | 1                     | *             | 68                    | 54       | 54        | -         | 11            | 8.5                     |                 |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1013.6                       | -10                  | NE                     | 1      | c               | 56       | 82            | 5            | 6               | -      | -            | 10                          | 10                                     | 300              | 1012.0                | -2                      | W     | 1            | 57       | 82             | 6             | 6                | 2                           | -                        | 7-8                        | 10                     | 800                 | 1                     | *             | 65                    | 54       | 53        | -         | 13            | 6.5                     |                 |
|  | Eskdalemuir ... 794         |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1012.4                      | -6                                     | SSW              | 3                     | c                       | 55    | 87           | 5        | -              | 2             | -                | -                           | 10                       | 10                         | 450                    | 1                   | *                     | 64            | 52                    | 51       | -         | 4         | 5.5           |                         |                 |
|  | Point of Ayre ... 30        | 1014.2                       | -12                  | SW                     | 4      | c               | 56       | 87            | 7            | 5               | 4      | -            | 4-6                         | 7-8                                    | 2200             | 1012.6                | -6                      | WSW   | 3            | 58       | 82             | 8             | 6                | 2                           | -                        | 3                          | 10                     | 1600                | 1                     | 2             | 63                    | 55       | -         | 1         | 3.4           |                         |                 |
| 13A                                    | Tiree ... 22                | 1011.8                       | -4                   | -                      | 0      | z               | 58       | 87            | 7            | 2               | 2      | -            | 3                           | 3                                      | 1500             | 1011.1                | 0                       | NNW   | 1            | 58       | 85             | 8             | 5                | 3                           | -                        | 4-6                        | 4-6                    | 2500                | 0                     | 2             | 60                    | 53       | -         | -         | 1             | 6.8                     |                 |
| 13B                                    | Stormoway ... 80            | 1014.3                       | 0                    | S                      | 3      | bc              | 52       | 87            | 7            | 2               | 4      | 8            | 2-3                         | 3000                                   | 1013.8           | -4                    | S                       | 1     | 52           | 87       | 8              | 5             | 3                | 2                           | -                        | 4-6                        | 4-6                    | 3000                | 1                     | 1             | 58                    | 48       | -         | 3         | -             | 7.5                     |                 |
| 15                                     | Dalwhinnie ... 1176         |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1012.2                      | -8                                     | W                | 1                     | c                       | 52    | 82           | 6        | 5              | -             | -                | 10                          | 10                       | 800                        | 1                      | *                   | 62                    | 50            | 41                    | 2        | 0.5       | 2.4       |               |                         |                 |
|  | Aberdeen ... 79             |                              | *                    | *                      | *      | *               | *        | *             | *            | *               | *      | *            | 1013.2                      | -10                                    | SE               | 2                     | c.c.                    | 54    | 87           | 5        | 6              | -             | -                | 10                          | 10                       | 300                        | 1                      | 2                   | 66                    | 53            | (51)                  | -        | 5         | 10.8      |               |                         |                 |
|  | Wick ... 84                 | 1015.1                       | -6                   | SE                     | 2      | c               | 53       | 82            | 8            | 5               | 4      | 6            | 4-6                         | 3                                      | 1000             | 1013.8                | -4                      | SE    | 2            | 53       | 87             | 5             | 5                | -                           | -                        | 10                         | 10                     | 2500                | 0                     | *             | 62                    | 51       | -         | -         | -             | -                       |                 |
| 16                                     | Larbert ... 154             | 1016.0                       | -2                   | S                      | 3      | c               | 53       | 85            | 8            | -               | 1      | 0            | 1                           | 0                                      | 1000             | 1015.6                | -4                      | SE    | 3            | 56       | 85             | 8             | 5                | 7                           | -                        | 4-6                        | 3                      | 4000                | 1                     | *             | -                     | -        | -         | -         | -             | -                       |                 |
| 17                                     | Blackod Point ... 18        | 1015.7                       | +2                   | W                      | 2      | bc              | 51       | 85            | 8            | 3               | -      | -            | 2-3                         | 2-3                                    | 2500             | 1016.3                | +8                      | W     | 2            | 53       | 85             | 8             | 3                | 6                           | -                        | 2-3                        | 7-8                    | 2500                | 1                     | 3             | 55                    | 47       | -         | 2         | 2             | -                       |                 |
| 18                                     | Malin Head ... 84           | 1014.1                       | -2                   | NN                     |        |                 |          |               |              |                 |        |              |                             |  |                  |                       |                         |       |              |          |                |               |                  |                             |                          |                            |                        |                     |                       |               |                       |          |           |           |               |                         |                 |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Saturday 19th July 1941  
No. 29094

| OBSERVATIONS at 13h. G.M.T. 18th July |                                      |                                      |                              |        |                       |          |                     |                    |                           |        |             |              |   | OBSERVATIONS at 18h. G.M.T. 19th July |                               |        |                        |          |                      |                     |                            |        |              |                     |   |                                       |                                    | PAST 24 HOURS.      |                          |                           |                           |                         |                       |                     |              |              |
|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|--------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|-------------|--------------|---|---------------------------------------|-------------------------------|--------|------------------------|----------|----------------------|---------------------|----------------------------|--------|--------------|---------------------|---|---------------------------------------|------------------------------------|---------------------|--------------------------|---------------------------|---------------------------|-------------------------|-----------------------|---------------------|--------------|--------------|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb.<br>(1) | Change in<br>3 hours.<br>(2) | Wind.  |                       | Weather. | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-9<br>(8) | Cloud. |             |              |   | Barom.<br>at<br>M.S.L.<br>mb.<br>(15) | Change in<br>3 hours.<br>(16) | Wind.  |                        | Weather. | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-9<br>(22) | Cloud. |              |                     |   | Barom.<br>at<br>M.S.L.<br>mb.<br>(29) | State of<br>Ground.<br>0-9<br>(30) | Sea.<br>0-9<br>(31) | WEATHER.                 |                           |                           |                         |                       |                     |              |              |
|                                       |                                      |                                      |                              | Direc. | Force.<br>0-12<br>(4) |          |                     |                    |                           | Form.  | Amount.     |              | Height<br>of<br>Base.<br>(feet)<br>(14) |                                       |                               | Direc. | Force.<br>0-12<br>(18) |          |                      |                     |                            | Form.  | Amount.      |                     | Height<br>of<br>Base.<br>(feet)<br>(28) |                                       |                                    |                     | 7h.—13h.<br>18th<br>(37) | 13h.—18h.<br>18th<br>(38) | 18h.—19h.<br>19th<br>(39) | 1h.—7h.<br>19th<br>(40) |                       |                     |              |              |
|                                       |                                      |                                      |                              |        |                       |          |                     |                    |                           |        | Low.<br>(9) | Med.<br>(10) |   |                                       |                               |        |                        |          |                      |                     |                            |        | High<br>(11) | Low<br>0-10<br>(12) |   |                                       |                                    |                     |                          |                           |                           |                         | Total<br>0-10<br>(13) | Low<br>0-10<br>(24) | Med.<br>(25) | High<br>(26) |
| 1                                     | London (Kew)...                      | 1017.6                               | -8                           | SW'S   | 4                     | ir       | 61                  | 92                 | 7                         | 6      | 2           | -            | 7-8                                     | 10                                    | 800                           | 1016.3 | -6                     | SW'W     | 4                    | DD                  | 62                         | 92     | 6            | 6                   | 2                                       | -                                     | 9                                  | 10                  | 800                      | 1                         | *                         | ccvrr.                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Croydon ...                          | 1018.0                               | -10                          | SSW    | 4                     | dr       | 61                  | 92                 | 7                         | 6      | 2           | -            | 9                                       | 10                                    | 500                           | 1016.5 | -10                    | SSW      | 4                    | rr                  | 61                         | 92     | 6            | 6                   | 2                                       | -                                     | 9                                  | 10                  | 400                      | 1                         | *                         | ccvrr.                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | S. Farnborough                       | 1017.8                               | -10                          | SSW    | 4                     | dr       | 61                  | 92                 | 6                         | 5      | 2           | -            | 9                                       | 10                                    | 800                           | 1016.4 | -2                     | SW       | 3                    | dr                  | 61                         | 97     | 7            | 6                   | 2                                       | -                                     | 9                                  | 10                  | 800                      | 1                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Boscombe Down                        | 1017.2                               | -10                          | SW     | 5                     | ir       | 60                  | 97                 | 6                         | 6      | 2           | -            | 7-8                                     | 10                                    | 500                           | 1017.1 | +2                     | W'S      | 3                    | c                   | 59                         | 85     | 8            | 2                   | 7                                       | 3                                     | 1                                  | 9                   | 2500                     | 1                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Thorney Island                       | 1018.6                               | -10                          | SW     | 5                     | ir       | 62                  | 92                 | 8                         | 5      | -           | -            | 10                                      | 10                                    | 1600                          | 1017.3 | -8                     | WSW      | 3                    | rr                  | 61                         | 97     | 6            | 5                   | 2                                       | -                                     | 9                                  | 10                  | 450                      | 1                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Lympne ...                           | 1020.3                               | -6                           | WSW    | 4                     | e        | 64                  | 65                 | 8                         | 5      | -           | -            | 2                                       | 9                                     | 1200                          | 1018.9 | -6                     | SW       | 3                    | o                   | 60                         | 85     | 7            | 5                   | -                                       | -                                     | 10                                 | 10                  | 900                      | 0                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Manston ...                          | 1019.1                               | -8                           | SW'S   | 4                     | e        | 67                  | 65                 | 8                         | 5      | 3           | 3            | 2-3                                     | 9                                     | 2000                          | 1017.5 | -10                    | SW       | 4                    | q/r                 | 62                         | 92     | 8            | 5                   | -                                       | -                                     | 10                                 | 10                  | 900                      | 0                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
| 2                                     | Shoeburyness ...                     | 1018.5                               | -12                          | SSW    | 4                     | c        | 68                  | 65                 | 8                         | 5      | 7           | -            | 9                                       | 9                                     | 2500                          | 1017.0 | -8                     | SSW      | 4                    | ir                  | 63                         | 85     | 8            | 5                   | -                                       | -                                     | 10                                 | 10                  | 800                      | 1                         | *                         | ir cye                  | cir cye               | cir cye             | cir cye      |              |
|                                       | Felixstowe ...                       | 1018.3                               | -10                          | SW'S   | 5                     | c        | 71                  | 55                 | 8                         | 5      | 7           | -            | 2-3                                     | 7-8                                   | 3000                          | 1016.8 | -8                     | SW'S     | 4                    | ir                  | 63                         | 85     | 6            | 7                   | -                                       | -                                     | 7-8                                | 9                   | 1200                     | 1                         | 4                         | cir cye                 | cir cye               | cir cye             | cir cye      |              |
|                                       | Gorleston ...                        | 1017.6                               | -12                          | SW     | 5                     | c        | 65                  | 75                 | 7                         | 8      | -           | -            | 10                                      | 10                                    | 1500                          | 1016.0 | -4                     | WS       | 4                    | pr                  | 68                         | 75     | 7            | 8                   | -                                       | -                                     | 10                                 | 10                  | 1500                     | 1                         | 4                         | cpr                     | cpr                   | cpr                 | cpr          |              |
|                                       | Mildenhall ...                       | 1015.8                               | -16                          | SSW    | 4                     | dr       | 64                  | 85                 | 7                         | 6      | 2           | -            | 9                                       | 10                                    | 2100                          | 1014.4 | -10                    | SW'S     | 3                    | c                   | 66                         | 85     | 8            | 8                   | 4                                       | 2                                     | 4-6                                | 9                   | 1500                     | 1                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Cranwell ...                         | 1013.8                               | -14                          | S      | 4                     | q/r      | 63                  | 92                 | 8                         | 5      | -           | -            | 10                                      | 10                                    | 800                           | 1014.1 | +6                     | NW       | 3                    | c                   | 63                         | 65     | 7            | 8                   | -                                       | -                                     | 7-8                                | 7-8                 | 2800                     | 1                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 3                                     | Birmingham                           | 1013.6                               | -8                           | W      | 2                     | q/r      | 63                  | 85                 | 6                         | 9      | -           | -            | 10                                      | 10                                    | 1500                          | 1015.1 | +8                     | NNW      | 3                    | c                   | 60                         | 65     | 6            | 9                   | 7                                       | -                                     | 7-8                                | 9                   | 1500                     | 1                         | *                         | cd dcd                  | cd dcd                | cd dcd              | cd dcd       |              |
|                                       | Upper Heyford                        | 1015.3                               | -16                          | SW     | 4                     | rr       | 61                  | 97                 | 6                         | 6      | 2           | -            | 9                                       | 10                                    | 600                           | 1015.3 | +4                     | W        | 4                    | c                   | 64                         | 65     | 8            | 8                   | 3                                       | 1                                     | 7-8                                | 9                   | 2500                     | 1                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 4                                     | Ross-on-Wye                          | 1014.4                               | -4                           | WSW    | 4                     | bc       | 68                  | 75                 | 8                         | 2      | 4           | 3            | 4-6                                     | 4-6                                   | 2500                          | 1015.9 | +14                    | W'N      | 4                    | c                   | 60                         | 65     | 9            | 8                   | -                                       | 3                                     | 2-3                                | 9                   | 2500                     | 1                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 5                                     | Hartland Point                       | 1017.7                               | +14                          | N'E    | 3                     | bc       | 58                  | 85                 | 9                         | 7      | -           | -            | 4-6                                     | 4-6                                   | 2500                          | 1018.3 | +2                     | WNW      | 3                    | bc                  | 59                         | 75     | 9            | 1                   | 4                                       | 6                                     | 2-3                                | 4-6                 | 2500                     | 1                         | 4                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Bristol ...                          | 1016.3                               | 0                            | W      | 4                     | c        | 64                  | 85                 | 8                         | 4      | -           | -            | 4-6                                     | 7-8                                   | 1800                          | 1017.2 | +6                     | W        | 4                    | c                   | 59                         | 85     | 8            | 7                   | -                                       | 6                                     | 4-6                                | 9                   | 2200                     | 1                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Portland Bill ...                    | 1018.4                               | -12                          | SW     | 5                     | rr       | 58                  | 92                 | 7                         | 5      | -           | -            | 10                                      | 10                                    | 2500                          | 1017.3 | -2                     | W        | 4                    | c                   | 58                         | 92     | 8            | 5                   | -                                       | -                                     | 10                                 | 10                  | 2500                     | 1                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Plymouth ...                         | 1018.5                               | +4                           | WNW    | 3                     | rr       | 60                  | 92                 | 7                         | 6      | 2           | -            | 9                                       | 10                                    | 500                           | 1019.4 | +4                     | NW       | 4                    | c                   | 61                         | 65     | 8            | 2                   | -                                       | 6                                     | 4-6                                | 7-8                 | 2500                     | 1                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | The Lizard                           | 1019.4                               | +12                          | W      | 4                     | rr       | 59                  | 97                 | 8                         | 5      | -           | -            | 10                                      | 10                                    | 1000                          | 1019.7 | +2                     | NW       | 4                    | bc                  | 60                         | 75     | 8            | 8                   | 6                                       | -                                     | 4-6                                | 4-6                 | 2500                     | 0                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Scilly (St. Mary's)                  | 1019.6                               | +8                           | NW'N   | 4                     | q/pr     | 61                  | 75                 | 8                         | 8      | 7           | 3            | 4-6                                     | 9                                     | 1500                          | 1020.5 | +2                     | NW       | 3                    | bc                  | 62                         | 65     | 8            | 8                   | 4                                       | 4                                     | 4-6                                | 4-6                 | 1500                     | 0                         | 4                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Guernsey ...                         | 1019.6                               | +8                           | NW'N   | 4                     | q/pr     | 61                  | 75                 | 8                         | 8      | 7           | 3            | 4-6                                     | 9                                     | 1500                          | 1020.5 | +2                     | NW       | 3                    | bc                  | 62                         | 65     | 8            | 8                   | 4                                       | 4                                     | 4-6                                | 4-6                 | 1500                     | 0                         | 4                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 6                                     | Pembroke ...                         | 1017.8                               | +4                           | WNW    | 3                     | bc       | 59                  | 75                 | 8                         | 1      | 6           | -            | 2-3                                     | 4-6                                   | 2000                          | 1018.0 | 0                      | W'N      | 3                    | c                   | 58                         | 85     | 8            | 2                   | 3                                       | 1                                     | 2-3                                | 7-8                 | 2500                     | 1                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 7                                     | Holyhead (Valley)                    | 1015.4                               | +10                          | NW     | 4                     | c        | 58                  | 75                 | 8                         | 5      | 3           | -            | 7-8                                     | 9                                     | 1500                          | 1015.8 | +2                     | SW       | 3                    | c                   | 58                         | 75     | 9            | 8                   | 6                                       | -                                     | 7-8                                | 9                   | 3000                     | 0                         | 2                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Chester (Sealand)                    | 1014.1                               | +6                           | NW     | 5                     | e        | 60                  | 75                 | 7                         | 8      | -           | -            | 8                                       | 7-8                                   | 9                             | 2000   | 1015.7                 | +2       | NW'N                 | 3                   | c                          | 59     | 65           | 9                   | 8                                       | 4                                     | 5                                  | 4-6                 | 7-8                      | 2500                      | 0                         | *                       | crr cye               | crr cye             | crr cye      | crr cye      |
| 8                                     | Manchester ...                       | 1013.5                               | -2                           | WS     | 3                     | c        | 63                  | 75                 | 8                         | 2      | 4           | 2            | 7-8                                     | 9                                     | 1000                          | 1015.3 | +14                    | W'N      | 3                    | bc                  | 60                         | 65     | 8            | 1                   | 4                                       | -                                     | 4-6                                | 4-6                 | 2800                     | 0                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 10                                    | Spurn Head ...                       | 1013.9                               | -10                          | SSW    | 5                     | rr       | 62                  | 92                 | 7                         | 3      | -           | -            | 10                                      | 10                                    | 1500                          | 1012.0 | 0                      | W        | 5                    | c                   | 65                         | 75     | 5            | 3                   | -                                       | -                                     | 9                                  | 9                   | 2500                     | 0                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Catterick ...                        | 1011.9                               | -6                           | WS     | 3                     | c        | 67                  | 55                 | 7                         | 5      | 7           | -            | 4-6                                     | 9                                     | 2000                          | 1012.4 | +6                     | NW       | 4                    | bc                  | 63                         | 55     | 9            | 2                   | 6                                       | -                                     | 4-6                                | 4-6                 | 3000                     | 0                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Tynemouth ...                        | 1012.3                               | -18                          | SE     | 3                     | c        | 59                  | 92                 | 6                         | 8      | -           | -            | 9                                       | 9                                     | 1600                          | 1011.8 | +4                     | W        | 5                    | bc                  | 65                         | 65     | 8            | 7                   | 3                                       | -                                     | 4-6                                | 4-6                 | 3600                     | 0                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 11                                    | St. Abbs Head                        | 1011.0                               | -10                          | S      | 2                     | ir       | 58                  | 92                 | 7                         | 8      | 2           | -            | 7-8                                     | 10                                    | 2000                          | 1010.2 | -2                     | NW       | 3                    | c/r                 | 57                         | 92     | 8            | 5                   | 7                                       | 3                                     | 4-6                                | 9                   | 2000                     | 1                         | 2                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Leuchars ...                         | 1010.5                               | -10                          | NE     | 2                     | c/r      | 62                  | 92                 | 7                         | 5      | 7           | -            | 9                                       | 9                                     | 700                           | 1010.5 | +6                     | NW       | 1                    | RR                  | 55                         | 97     | 5            | 9                   | -                                       | -                                     | 10                                 | 10                  | 900                      | 2                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 12                                    | Renfrew (Abbots L.)                  | 1011.9                               | 0                            | WNW    | 4                     | c        | 59                  | 75                 | 8                         | 8      | 7           | -            | 2-3                                     | 9                                     | 2000                          | 1012.3 | +2                     | WNW      | 4                    | c                   | 59                         | 65     | 9            | 8                   | 3                                       | -                                     | 4-6                                | 7-8                 | 2500                     | 0                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Esksdalemuir ...                     | 1010.6                               | -6                           | SW     | 5                     | PR       | 63                  | 75                 | 8                         | 8      | -           | -            | 4-6                                     | 7-8                                   | 1500                          | 1011.6 | +2                     | NW'W     | 4                    | c                   | 53                         | 75     | 8            | 5                   | -                                       | -                                     | 9                                  | 9                   | 1500                     | 1                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Point of Ayre ...                    | 1013.9                               | +8                           | NW'W   | 5                     | c        | 56                  | 85                 | 6                         | 6      | 2           | 5            | 4-6                                     | 9                                     | 1500                          | 1015.0 | +2                     | WNW      | 4                    | c                   | 60                         | 75     | 8            | 5                   | 4                                       | -                                     | 4-6                                | 7-8                 | 5000                     | 0                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 13A                                   | Tiree ...                            | 1014.8                               | 0                            | NW     | 2                     | bc       | 59                  | 65                 | 8                         | 1      | -           | -            | 2-3                                     | 2-3                                   | 2800                          | 1014.7 | 0                      | NW'W     | 2                    | bc                  | 56                         | 75     | 8            | 1                   | -                                       | -                                     | 4-6                                | 4-6                 | 2800                     | 0                         | 3                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
| 13B                                   | Stornoway ...                        | 1013.2                               | -6                           | SE     | 3                     | pr       | 54                  | 92                 | 8                         | 5      | 4           | -            | 7-8                                     | 7-8                                   | 2400                          | 1012.9 | -4                     | 0        | c                    | 57                  | 75                         | 8      | 5            | 7                   | 1                                       | 7-8                                   | 9                                  | 1200                | 1                        | 1                         | crr cye                   | crr cye                 | crr cye               | crr cye             |              |              |
| 15                                    | Dalwhinnie ...                       | 1013.2                               | -4                           | NW     | 1                     | rr       | 54                  | 85                 | 6                         | 5      | -           | -            | 10                                      | 10                                    | 800                           | 1012.5 | +2                     | NW       | 1                    | rr                  | 50                         | 92     | 6            | 5                   | -                                       | -                                     | 10                                 | 10                  | 800                      | 1                         | *                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Aberdeen ...                         | 1011.3                               | -14                          | SE     | 2                     | c        | 60                  | 85                 | 6                         | 9      | 7           | -            | 9                                       | 9                                     | 1500                          | 1010.0 | -6                     | NW'W     | 2                    | rr                  | 56                         | 92     | 6            | 6                   | -                                       | -                                     | 10                                 | 10                  | 1100                     | 1                         | 2                         | crr cye                 | crr cye               | crr cye             | crr cye      |              |
|                                       | Wick ...                             | 1012.1                               | -6                           | NNW    | 2                     | c        | 57                  | 92                 | 7                         | 8      | 7           | -            | 9                                       | 9                                     | 1000                          | 1011.8 | -6                     | NW       | 3                    | c                   | 55                         | 92     | 9            | 5                   | 8                                       | -                                     | 7-8                                |                     |                          |                           |                           |                         |                       |                     |              |              |

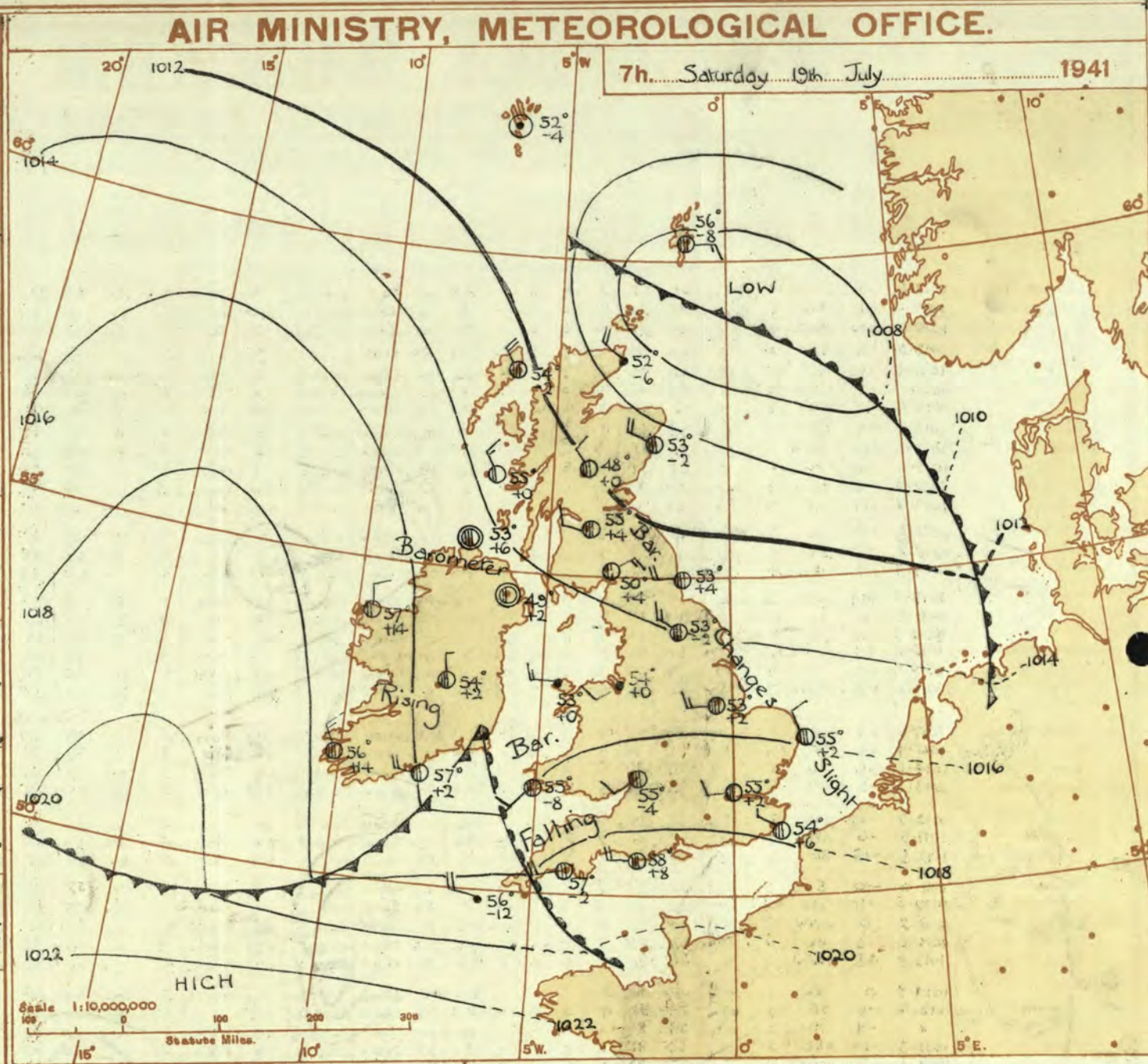


| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |    |       |       |       |   |       |    |       |       |     |       |       |    |       |
|--|----|-------|-------|-------|---|-------|----|-------|-------|-----|-------|-------|----|-------|
| 13h. G.M.T.....13h.....July.....18h. G.M.T.                                  |    |       |       |       | 01h. G.M.T.....19h.....July.....07h. G.M.T. |       |    |       |       |     |       |       |    |       |
| III  | C  | ww    | Vh    | DDFWN | III   | C     | ww | Vh    | DDFWN | III | C     | ww    | Vh | DDFWN |
| 109  | 5  | 03538 | 12258 | 5     | 03647                                       | 24328 | 5  | 64638 | 26228 | 5   | 62448 | 24568 |    |       |
| 115  | 62 | 02844 | 24167 | 54    | 02844                                       | 24-25 | 54 | 02844 | 28325 | 52  | 25831 | 28486 |    |       |
| 203  |    |       |       | 5     | 01943                                       | 16113 | 55 | 02845 | 28426 |     |       |       |    |       |
| 206  | 57 | 22765 | 28288 | 52    | 02864                                       | 28368 | 57 | 02954 | 28227 | 53  | 02855 | 26226 |    |       |
| 210  | 57 | 61855 | 00068 | 5     | 64644                                       | 28268 | 62 | 64746 | 25268 | 57  | 02954 | 23467 |    |       |
| 220  | 13 | 01954 | 27204 | 13    | 01954                                       | 24204 |    |       |       | 53  | 01944 | 28315 |    |       |
| 230  | 47 | 02866 | 28367 | 27    | 01953                                       | 24413 | 83 | 02844 | 26315 | 83  | 02855 | 27387 |    |       |
| 245  | 53 | 51645 | 07268 | 8     | 64648                                       | 02368 | 5  | 61778 | 23268 | 57  | 02953 | 22367 |    |       |
| 260  | 87 | 25764 | 24287 | 7     | 02867                                       | 11458 | 5  | 21768 | 24268 | 73  | 05663 | 22264 |    |       |
| 277  |    |       |       |       |   |       |    |       |       |     |       |       |    |       |
| 279  | 84 | 02735 | 20424 | 87    | 02855                                       | 26486 |    |       |       | 23  | 01852 | 23114 |    |       |
| 285  | 23 | 02855 | 24427 |       |   |       |    |       |       | 23  | 02744 | 24526 |    |       |
| 288  | 27 | 02755 | 21368 | 26    | 01864                                       | 24424 | 54 | 01752 | 21113 | 57  | 02862 | 22217 |    |       |
| 273  |    |       |       |       |   |       |    |       |       |     |       |       |    |       |
| 301  |    |       |       | 23    | 02855                                       | 26455 | 51 | 02754 | 26327 | 87  | 25745 | 28388 |    |       |
| 321  | 62 | 62637 | 20368 | 13    | 02752                                       | 25466 | 07 | 05690 | 25214 | 57  | 61567 | 23268 |    |       |
| 299  | 5  | 64448 | 18358 | 3     | 01745                                       | 20315 | 50 | 00753 | 22263 | 57  | 92755 | 22227 |    |       |
| 292  | 81 | 22655 | 18267 | 14    | 00852                                       | 24412 | 07 | 01890 | 24203 |     |       |       |    |       |
| 310  | -- | 02628 | 20328 |       |   |       |    |       |       | --  | 51528 | 24328 |    |       |
| 316  |    |       |       |       |   |       |    |       |       |     |       |       |    |       |
| 333  | 8  | 02944 | 28314 | 23    | 01862                                       | 20314 | 57 | 02855 | 24367 | 52  | 61747 | 20168 |    |       |
| 334  |    |       |       |       |   |       |    |       |       | --  | 03646 | 24328 |    |       |
| 340  | 8  | 02955 | 23325 | 8     | 02866                                       | 28426 | 52 | 61754 | 23228 | 52  | 61965 | 22227 |    |       |
| 136  | 5  | 62638 | 18468 |       |   |       | 4  | 02765 | 25325 |     |       |       |    |       |
| 336  | 13 | 01763 | 27414 | 14    | 01862                                       | 28413 |    |       |       | 52  | 03763 | 24328 |    |       |
| 350  | 62 | 62626 | 16468 | 87    | 01763                                       | 18364 | 57 | 05653 | 27228 | 57  | 02863 | 20325 |    |       |
| 368  | 86 | 01954 | 24565 |       |   |       |    |       |       | 77  | 02943 | 22327 |    |       |
| 379  | 53 | 22825 | 18567 | 57    | 02844                                       | 24426 | 50 | 01753 | 24213 | 53  | 02873 | 18226 |    |       |
| 390  | 5  | 62737 | 16468 | 5     | 66527                                       | 18368 | 5  | 05557 | 25227 | 53  | 02774 | 24226 |    |       |
| 382  | 62 | 64637 | 18468 |       |   |       | 5  | 02877 | 00017 | 77  | 02873 | 24216 |    |       |
| 438  | 8  | 02847 | 22417 |       |   |       |    |       |       | 53  | 02774 | 20116 |    |       |
| 430  | 5  | 02748 | 55528 | 62    | 64618                                       | 20368 |    |       |       | 13  | 01851 | 26324 |    |       |
| 409  | 57 | 22842 | 26365 | 10    | 01843                                       | 27424 | 54 | 02855 | 24118 | 5   | 53628 | 20458 |    |       |

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, Nh = Height and amount of low cloud—See M.O. 252.  
T = Total amount of cloud—See M.O. 252.  
N = Form of low and medium cloud—See page 1.  
C, Cx = Visibility. F = Force of wind—See page 4.  
DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

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, Nh = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, Cm = 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. Saturday 19th July.   |
|--|---|
| 1 S.E. England                               | Wind backing south then veering west to northwest light, mainly light or moderate. Cloudy, some rain later to-day; bright intervals and local showers to-morrow: rather cool. |
| 2 E. England ...                             |   |
| 3 E. Midlands ...                            |   |
| 4 W. Midlands ...                            |   |
| 5 S.W. England                               | Wind southwest to west veering northwest, moderate or fresh, falling light.   |
| 6 South Wales ...                            | Rain at first, bright intervals and local showers later: rather cool.   |
| 7 North Wales ...                            |   |
| 8 N.W. England                               | Wind mainly west, light or moderate. Bright intervals, local thundery showers; rather cool.   |
| 9 N. Midlands ...                            |   |
| 10 N.E. England                              |   |
| 11 S.E. Scotland                             |   |
| 12 S.W. Scotland & Isle of Man.              |   |
| 13 { A. W. Scotl'd.<br>B.N.W. Scot-<br>land. |   |
| 14 Mid Scotland                              |   |
| 15 N. E. Scotland                            |   |
| 16 Orkneys and Shetlands                     |   |
| 17 N. W. Ireland                             | Light or moderate northwest wind, backing southwest. Mainly fair but local showers; rather cool.  |
| 18 N. E. Ireland                             |   |
| 19 S. E. Ireland                             |   |
| 20 S. W. Ireland                             |   |



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

#### GENERAL INFERENCE.

A depression near Shetland is moving slowly northeast and a secondary over St. George's Channel is moving east. A pronounced ridge of high pressure is following in its rear.

#### FURTHER OUTLOOK.

Unsettled weather continuing, but mainly fair to-morrow in Eastern England.

~~~~~ Warm front  
 ~~~~~ Cold front  
 ~~~~~ Occlusion.

Forecasts issued at 1030 G.M.T.

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

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

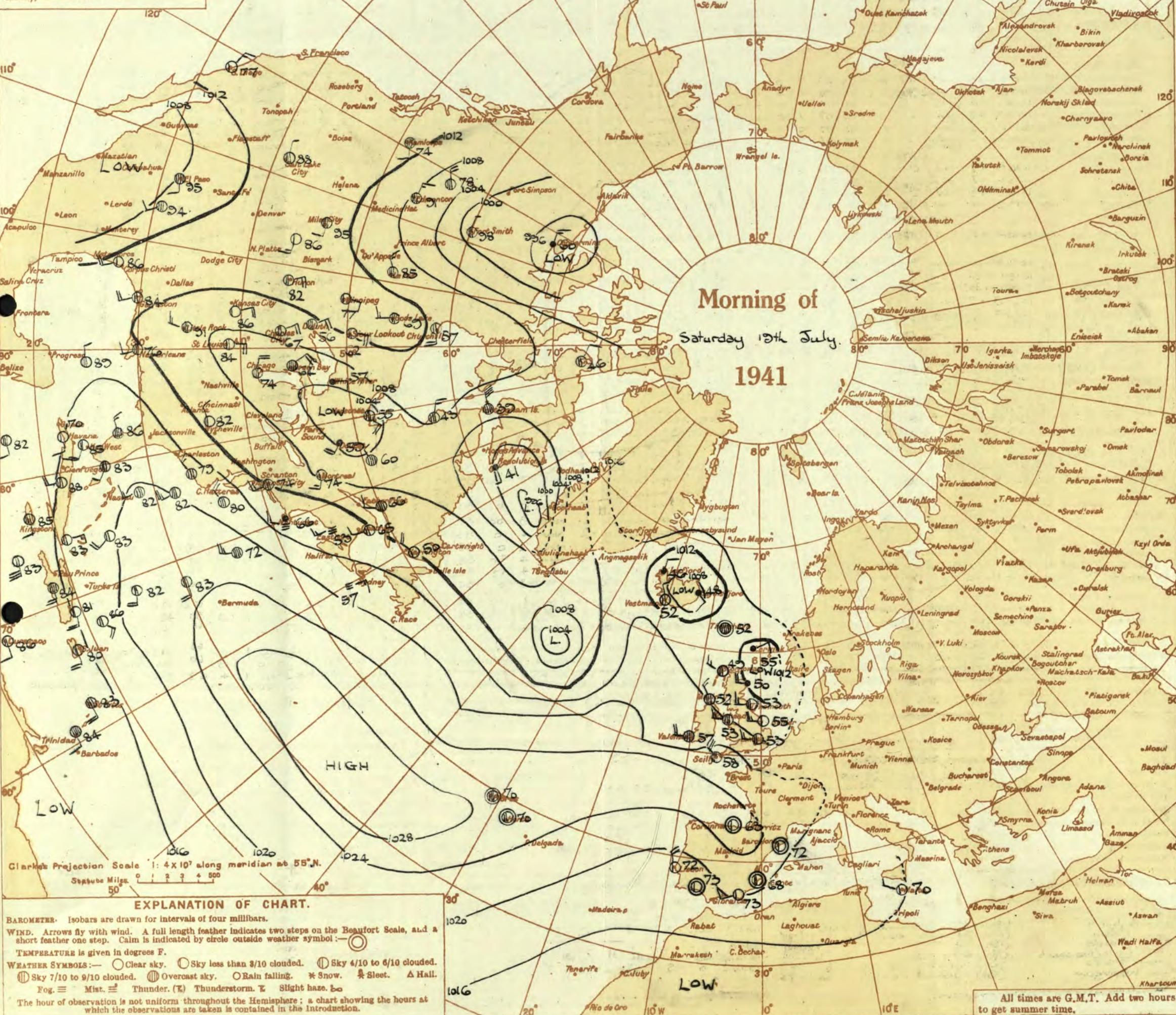
G. 265. No. 6176. 2. 6034. Gp. 349. 3300 5/41



# 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 19th July.  
1941





**COLUMN 30—Code for State of Sea.**

|                 |               |
|-----------------|---------------|
| 0 Calm—glassy.  | 5 Rough.      |
| 1 Calm—rippled. | 6 Very rough. |
| 2 Smooth.       | 7 High.       |
| 3 Slight.       | 8 Very high.  |
| 4 Moderate.     | 9 Phenomenal. |

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

## SECRET

Sunday 20th July 1941

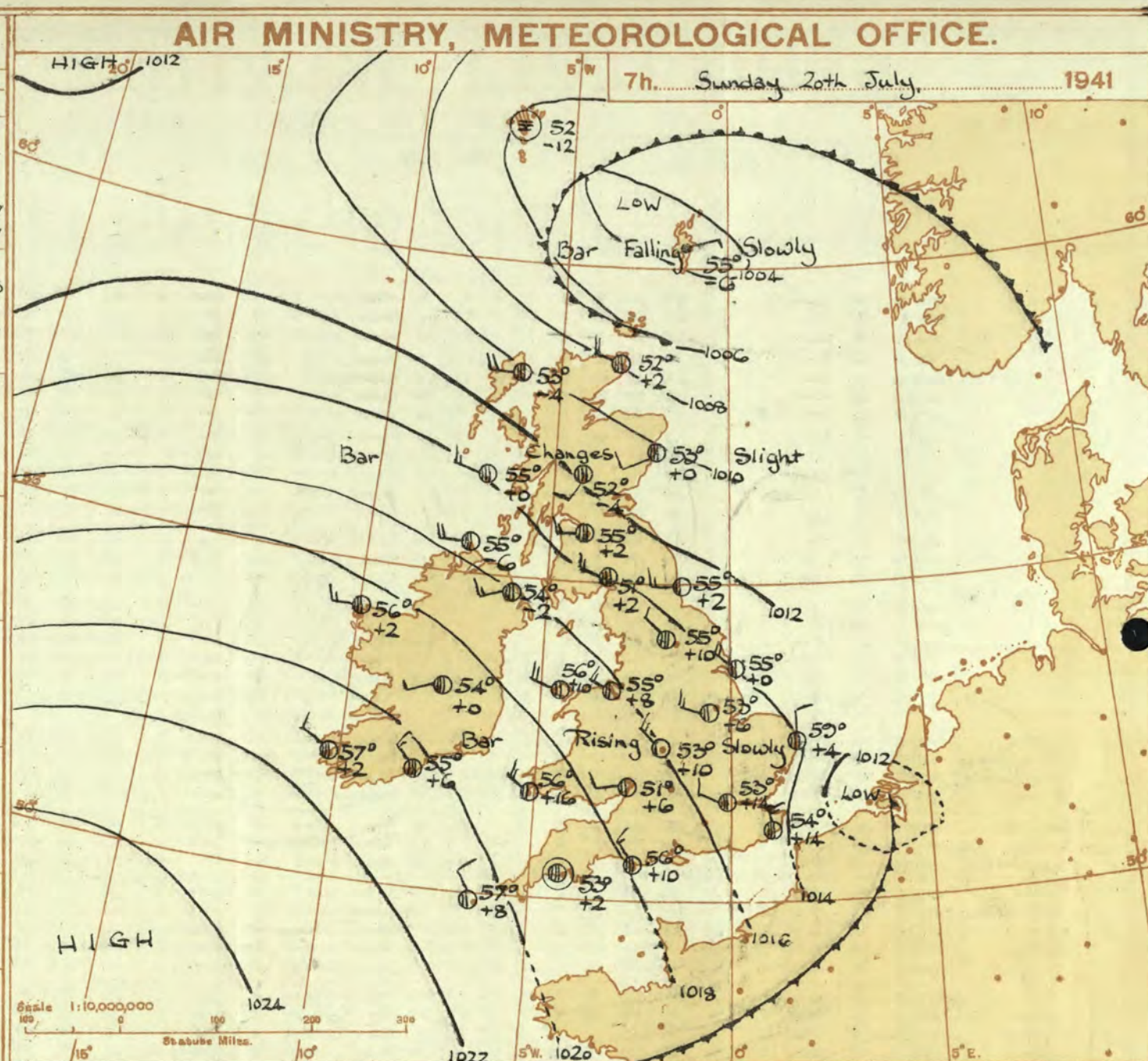
No. 29095

| OBSERVATIONS at 13h. G.M.T. 19th July |                                                                                                                             |                                                                    |                                           |                                           |                                 |                                  |                                        |                                        |                                 |                                 |                                                |                                      |                                                      | OBSERVATIONS at 18h. G.M.T. 19th July                              |                                                          |                                      |                                  |                                                |                                        |                                        |                                  |                                      |                                      |                                     |                                                |                                                 |                                              | PAST 24 HOURS.                     |                     |          |                        |                                                          |                                                          |                                                           |                                                          |                                                                                    |                                                                    |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------|----------------------------------------|----------------------------------------|---------------------------------|---------------------------------|------------------------------------------------|--------------------------------------|------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------|----------------------------------|------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|------------------------------------------------|-------------------------------------------------|----------------------------------------------|------------------------------------|---------------------|----------|------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.)                                                                                        | Barom.<br>M.S.L.<br>mb.<br>(1)                                     | Change in<br>3 hours.<br>(2)              | Wind.                                     |                                 | Weather.<br>(5)                  | Temp.<br>°F.<br>(6)                    | Humid.<br>%<br>(7)                     | Visibility.<br>0-9<br>(8)       | Cloud.                          |                                                |                                      |                                                      |                                                                    | Barom.<br>M.S.L.<br>mb.<br>(15)                          | Change in<br>3 hours.<br>(16)        | Wind.                            |                                                | Weather.<br>(21)                       | Temp.<br>°F.<br>(20)                   | Humid.<br>%<br>(21)              | Visibility.<br>0-9<br>(22)           | Cloud.                               |                                     |                                                |                                                 |                                              | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER. |                        |                                                          |                                                          |                                                           |                                                          |                                                                                    |                                                                    |
|                                       |                                                                                                                             |                                                                    |                                           | Dir.                                      | Force.<br>0-12<br>(4)           |                                  |                                        |                                        |                                 | Form.                           | Amount.<br>Low 0-10<br>Total 0-10<br>(12) (13) | Height of<br>Base.<br>(feet)<br>(14) | Dir.                                                 | Force.<br>0-12<br>(18)                                             |                                                          |                                      | Form.                            | Amount.<br>Low 0-10<br>Total 0-10<br>(24) (25) |                                        |                                        |                                  |                                      | Height of<br>Base.<br>(feet)<br>(28) | 7h.—13h.<br>19th.<br>(37)           | 13h.—18h.<br>19th.<br>(38)                     | 18h.—19h.<br>20th.<br>(39)                      | 1h.—7h.<br>20th.<br>(40)                     |                                    |                     |          |                        |                                                          |                                                          |                                                           |                                                          |                                                                                    |                                                                    |
|                                       |                                                                                                                             |                                                                    |                                           |                                           |                                 |                                  |                                        |                                        |                                 |                                 |                                                |                                      |                                                      |                                                                    |                                                          |                                      |                                  |                                                |                                        |                                        |                                  |                                      |                                      |                                     |                                                |                                                 |                                              |                                    |                     |          |                        |                                                          |                                                          |                                                           |                                                          |                                                                                    |                                                                    |
| 1                                     | London (Kew) ...<br>Croydon ...<br>S. Farnborough<br>Boscombe Down<br>Thorney Island<br>Lymington ...<br>Manston ...        | 1016.0<br>1016.4<br>1016.0<br>1016.2<br>1017.0<br>1017.6<br>1016.2 | -10<br>-8<br>-14<br>-12<br>-6<br>-2<br>-6 | SW<br>SW<br>SSW<br>SSW<br>SW<br>SSW<br>NW | 2<br>1<br>4<br>4<br>5<br>3<br>2 | c<br>pr<br>c<br>c<br>c<br>c<br>c | 64<br>62<br>64<br>59<br>63<br>62<br>65 | 65<br>65<br>55<br>75<br>65<br>75<br>55 | 8<br>8<br>8<br>6<br>7<br>8<br>8 | 5<br>7<br>3<br>5<br>2<br>8<br>8 | 3<br>7<br>-<br>2<br>7<br>8<br>3                | 1<br>9<br>-<br>4<br>9<br>9<br>9      | 1500<br>3000<br>3000<br>4000<br>2500<br>3000<br>2500 | 1014.1<br>1014.8<br>1013.8<br>1013.2<br>1014.2<br>1016.8<br>1015.4 | -14<br>-6<br>-20<br>-18<br>-24<br>-4<br>-6               | SSE<br>S<br>S<br>SW<br>SW<br>S<br>SW | 2<br>1<br>3<br>3<br>4<br>1<br>4  | dd<br>ro<br>d, d<br>c/r<br>c<br>pr<br>c        | 57<br>56<br>57<br>59<br>59<br>57<br>63 | 92<br>92<br>97<br>97<br>97<br>85<br>85 | 6<br>5<br>6<br>6<br>7<br>7<br>8  | 2<br>-<br>2<br>3<br>2<br>-<br>-<br>7 | -<br>-<br>-<br>-<br>-<br>-<br>-      | 7-8<br>9<br>10<br>10<br>9<br>9<br>9 | 10<br>900<br>800<br>450<br>800<br>2000<br>3500 | 800<br>900<br>800<br>450<br>800<br>2000<br>3500 | 1<br>1<br>1<br>1<br>1<br>1<br>0              | *                                  | *                   | *        | *                      | *                                                        | *                                                        | cm, prc<br>c, b, cpr<br>bc, cpr<br>bc, cpr<br>c<br>c<br>c | rr, rdd<br>pr, rdd<br>c, rdd<br>c, rdd<br>c<br>c<br>c    | dd, r, cm<br>id, r, cm<br>d, r, cm<br>c, r, cm<br>c, r, cm<br>c, r, cm<br>c, r, cm | cm, bc<br>cm, bc<br>cm, bc<br>cm, bc<br>cm, bc<br>cm, bc<br>cm, bc |
| 2                                     | Shoeburyness ...<br>Felixstowe ...<br>Gorleston ...<br>Mildenhall ...<br>Cranwell ...                                       | 1016.4<br>1015.8<br>1015.7<br>1015.2<br>1015.3                     | -6<br>-4<br>-2<br>-6<br>-2                | SW<br>SW<br>NW<br>W<br>SW                 | 3<br>2<br>3<br>3<br>4           | c<br>c<br>c<br>c<br>c            | 65<br>66<br>66<br>64<br>60             | 55<br>55<br>75<br>65<br>65             | 9<br>8<br>7<br>8<br>7           | 8<br>8<br>7<br>7<br>3           | 7<br>-<br>6<br>7<br>4                          | -<br>-<br>-<br>-<br>-                | 7-8<br>9<br>7<br>10<br>9                             | 4000<br>3000<br>2500<br>3000<br>2500                               | 1015.5<br>1015.5<br>1015.4<br>1014.7<br>1014.4           | -8<br>0<br>-4<br>-2<br>-2            | SW<br>WS<br>SE<br>WSW<br>SW      | 3<br>1<br>2<br>1<br>4                          | pr<br>ir<br>pr<br>ro<br>c              | 61<br>59<br>62<br>59<br>59             | 75<br>85<br>65<br>85<br>75       | 8<br>5<br>6<br>7<br>7                | 8<br>2<br>-<br>2<br>3                | -<br>-<br>-<br>-<br>-               | 7-8<br>4<br>10<br>7<br>7                       | 10<br>3000<br>1200<br>1800<br>4000              | 2500<br>3000<br>1200<br>1800<br>4000         | 1<br>1<br>1<br>1<br>0              | *                   | 1        | 2                      | *                                                        | cm, bc<br>cm, bc<br>bc<br>c<br>c                         | c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c                 | c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c                | cm, bc<br>cm, bc<br>cm, bc<br>cm, bc<br>cm, bc                                     |                                                                    |
| 3                                     | Birmingham<br>Upper Heyford                                                                                                 | 1015.5<br>1015.8                                                   | -6<br>-4                                  | SW<br>W                                   | 2<br>2                          | c<br>ro                          | 58<br>58                               | 65<br>75                               | 7<br>7                          | 8<br>5                          | 7<br>2                                         | -<br>-                               | 7-8<br>10                                            | 2500<br>2100                                                       | 1014.9<br>1014.1                                         | -4<br>-10                            | N<br>EN                          | 1<br>2                                         | c/r<br>ro                              | 54<br>56                               | 85<br>97                         | 6<br>6                               | 5<br>2                               | 7<br>-<br>-<br>-                    | 9<br>10                                        | 2500<br>600                                     | 2500<br>600                                  | 1<br>1                             | *                   | *        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 4                                     | Ross-on-Wye                                                                                                                 | 1015.2                                                             | -12                                       | SE                                        | 2                               | rr                               | 57                                     | 75                                     | 6                               | 6                               | 2                                              | -                                    | 9                                                    | 10                                                                 | 1014.1                                                   | -6                                   | NNE                              | 2                                              | rr                                     | 57                                     | 97                               | 7                                    | 6                                    | 7                                   | -                                              | 9                                               | 10                                           | 800                                | 1                   | *        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 5                                     | Hartland Point<br>Bristol ...<br>Portland Bill ...<br>Plymouth ...<br>The Lizard ...<br>Scilly (St. Mary's)<br>Guernsey ... | 1013.9<br>1015.1<br>1017.0<br>1016.0<br>1016.2<br>1017.1           | -2<br>-22<br>-12<br>-20<br>-4<br>-2       | W<br>S<br>SSW<br>SW<br>WN<br>NW           | 6<br>3<br>5<br>5<br>5<br>5      | c<br>ro<br>rr<br>ir<br>c<br>c    | 59<br>57<br>57<br>60<br>61<br>64       | 85<br>88<br>92<br>92<br>92<br>75       | 8<br>8<br>7<br>6<br>8<br>8      | 8<br>6<br>5<br>6<br>8<br>8      | 8<br>2<br>-<br>2<br>6<br>4                     | -<br>6<br>-<br>-<br>-<br>3           | 7-8<br>9<br>10<br>10<br>7-8<br>7-8<br>1500           | 1500<br>500<br>2500<br>500<br>2500<br>1500                         | 1015.3<br>1014.2<br>1013.5<br>1015.6<br>1016.6<br>1017.5 | +6<br>+10<br>-20<br>+2<br>-4<br>+2   | NNW<br>N<br>SW<br>NW<br>NW<br>NW | 3<br>3<br>5<br>4<br>4<br>2                     | bc<br>N<br>bc<br>c<br>c<br>c           | 57<br>58<br>58<br>62<br>59<br>60       | 85<br>88<br>92<br>65<br>85<br>92 | 8<br>1<br>8<br>8<br>8<br>8           | 2<br>7<br>2<br>-<br>6<br>7           | -<br>-<br>-<br>-<br>-<br>-          | 2-3<br>2-3<br>4-6<br>7-8<br>7-8<br>4           | 4<br>9<br>1500<br>2000<br>2500<br>1500          | 8000<br>1800<br>1500<br>2000<br>2500<br>1500 | 1<br>1<br>1<br>1<br>1<br>1         | 4                   | 4        | 4                      | c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c, rdd | c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c, rdd | c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c, rdd<br>c, rdd  | cm, bc<br>cm, bc<br>cm, bc<br>cm, bc<br>cm, bc<br>cm, bc |                                                                                    |                                                                    |
| 6                                     | Pembroke                                                                                                                    | 1015.3                                                             | -4                                        | NNW                                       | 4                               | c                                | 61                                     | 97                                     | 8                               | 8                               | 6                                              | -                                    | 4-6                                                  | 7-8                                                                | 1016.5                                                   | +12                                  | NW                               | 3                                              | bc                                     | 58                                     | 85                               | 8                                    | 8                                    | 7                                   | -                                              | 2-3                                             | 4-6                                          | 3000                               | 1                   | 3        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 7                                     | Holyhead (Valley)<br>Chester (Sealand)                                                                                      | 1015.3<br>1015.0                                                   | -4<br>-8                                  | NNW<br>WN                                 | 4<br>3                          | bc<br>c                          | 59<br>60                               | 65<br>65                               | 9<br>8                          | 8<br>6                          | -<br>1                                         | -<br>1                               | 2-3<br>7-8                                           | 2-3<br>9                                                           | 1015.7<br>1015.0                                         | 0<br>-2                              | NNW<br>NW                        | 3<br>4                                         | bc<br>b                                | 59<br>60                               | 65<br>65                         | 9<br>9                               | 2<br>2                               | 6<br>6                              | 1<br>1                                         | 2-3<br>2-3                                      | 3000<br>3000                                 | 0<br>0                             | 2                   | 2        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 8                                     | Manchester                                                                                                                  | 1015.3                                                             | -2                                        | SW                                        | 2                               | rr                               | 57                                     | 85                                     | 8                               | 8                               | 3                                              | -                                    | 7-8                                                  | 7-8                                                                | 1014.4                                                   | -2                                   | NNW                              | 4                                              | bc                                     | 60                                     | 65                               | 8                                    | 2                                    | -                                   | -                                              | 4-6                                             | 4-6                                          | 3000                               | 1                   | *        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 10                                    | Spurn Head ...<br>Catterick ...<br>Tynemouth ...                                                                            | 1014.1<br>1012.8<br>1013.1                                         | 0<br>-6<br>-4                             | W<br>WS<br>ENE                            | 2<br>2<br>3                     | c<br>c<br>c                      | 59<br>63<br>57                         | 65<br>45<br>75                         | 6<br>8<br>8                     | 8<br>8<br>2                     | 7<br>-<br>3                                    | -<br>-<br>1                          | 4-6<br>7-8<br>4-6                                    | 7-8<br>3500<br>2800                                                | 1013.8<br>1013.3<br>1013.3                               | 0<br>+2<br>-4                        | WSW<br>NE<br>S                   | 3<br>1<br>3                                    | c<br>pr<br>c                           | 60<br>58<br>60                         | 65<br>85<br>65                   | 7<br>8<br>6                          | 8<br>8<br>3                          | -<br>-<br>-                         | 7-8<br>9<br>7                                  | 7-8<br>2000<br>2800                             | 4000<br>2000<br>2800                         | 0<br>1<br>0                        | 2                   | 2        | cm, rdd<br>c, rdd<br>c | c, rdd<br>c, rdd<br>c                                    | c, rdd<br>c, rdd<br>c                                    | cm, bc<br>cm, bc<br>cm, bc                                |                                                          |                                                                                    |                                                                    |
| 11                                    | St. Abbs Head<br>Leuchars                                                                                                   | 1012.5<br>1011.4                                                   | 0<br>-6                                   | N<br>NW                                   | 2<br>3                          | c<br>c                           | 56<br>61                               | 85<br>55                               | 9<br>9                          | 2<br>9                          | 7<br>-                                         | -<br>-                               | 4-6<br>9                                             | 7-8<br>2500                                                        | 1011.7<br>1011.3                                         | -2<br>+2                             | NNW<br>NW                        | 3<br>3                                         | c<br>pr                                | 58<br>57                               | 75<br>85                         | 9<br>8                               | 8<br>8                               | 7<br>8                              | -<br>-                                         | 4-6<br>7-8                                      | 7-8<br>2500                                  | 2500<br>2500                       | 0<br>1              | 2        | 2                      | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                          | cm, bc<br>cm, bc                                         |                                                                                    |                                                                    |
| 12                                    | RAF (Abbots I.)<br>Eskdalemuir ...<br>Point of Ayre ...                                                                     | 1013.5<br>1012.7<br>1015.1                                         | -6<br>+4<br>0                             | WN<br>NW<br>NW                            | 4<br>4<br>4                     | bc<br>pr<br>bc                   | 62<br>58<br>64                         | 65<br>65<br>65                         | 9<br>8<br>8                     | 8<br>5<br>2                     | -<br>-<br>6                                    | -<br>-<br>1                          | 4-6<br>7-8<br>2-3                                    | 2500<br>2500<br>3000                                               | 1013.6<br>1012.6<br>1015.1                               | -2<br>-4<br>0                        | NNW<br>NW<br>NW                  | 4<br>4<br>5                                    | c<br>bc<br>c                           | 57<br>55<br>57                         | 65<br>75<br>85                   | 9<br>8<br>8                          | 8<br>5<br>2                          | -<br>-<br>-                         | 9<br>4-6<br>1                                  | 2500<br>2500<br>3000                            | 2500<br>2500<br>3000                         | 0<br>0<br>0                        | *                   | *        | c, rdd<br>c, rdd<br>c  | c, rdd<br>c, rdd<br>c                                    | c, rdd<br>c, rdd<br>c                                    | cm, bc<br>cm, bc<br>cm, bc                                |                                                          |                                                                                    |                                                                    |
| 13A                                   | Tiree                                                                                                                       | 1015.5                                                             | +2                                        | NNW                                       | 3                               | bc                               | 59                                     | 75                                     | 8                               | 1                               | 3                                              | -                                    | 2-3                                                  | 4-6                                                                | 1015.4                                                   | 0                                    | NW                               | 3                                              | c                                      | 55                                     | 75                               | 8                                    | 8                                    | -                                   | -                                              | 9                                               | 9                                            | 2100                               | 0                   | 4        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 13B                                   | Stornoway                                                                                                                   | 1013.1                                                             | 0                                         | NNW                                       | 4                               | c                                | 57                                     | 85                                     | 8                               | 8                               | 7                                              | -                                    | 4-6                                                  | 7-8                                                                | 1013.5                                                   | 0                                    | W                                | 4                                              | pr                                     | 56                                     | 85                               | 7                                    | 8                                    | 7                                   | -                                              | 7-8                                             | 9                                            | 2000                               | 1                   | 3        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 15                                    | Dalwhinnie<br>Aberdeen ...<br>Wick ...                                                                                      | 1012.6<br>1010.4<br>1008.9                                         | 0<br>-4<br>-4                             | NW<br>NW<br>WN                            | 2<br>3<br>6                     | c<br>c<br>c                      | 57<br>60<br>58                         | 65<br>65<br>85                         | 8<br>9<br>9                     | 8<br>8<br>1                     | 6<br>8<br>7                                    | -<br>8<br>2                          | 7-8<br>9<br>4-6                                      | 2500<br>3100<br>800                                                | 1012.1<br>1010.6<br>1009.2                               | 0<br>0<br>+2                         | NNW<br>NW<br>WN                  | 1<br>2<br>6                                    | c<br>c<br>c                            | 55<br>59<br>53                         | 55<br>65<br>97                   | 8<br>8<br>8                          | 8<br>7<br>5                          | 4<br>7<br>7                         | -<br>-<br>-                                    | 7-8<br>2-3<br>4-6                               | 9<br>9<br>10                                 | 2500<br>3100<br>1000               | 0<br>1<br>0         | *        | *                      | c, rdd<br>c, rdd<br>c                                    | c, rdd<br>c, rdd<br>c                                    | c, rdd<br>c, rdd<br>c                                     | cm, bc<br>cm, bc<br>cm, bc                               |                                                                                    |                                                                    |
| 16                                    | Lerwick, Shetland                                                                                                           | 1007.1                                                             | -4                                        | E                                         | 3                               | c/f                              | 59                                     | 92                                     | 6                               | 5                               | -                                              | -                                    | 7-8                                                  | 9                                                                  | 1006.4                                                   | -2                                   | ESE                              | 3                                              | c                                      | 56                                     | 92                               | 8                                    | 5                                    | -                                   | -                                              | 10                                              | 10                                           | 1200                               | 0                   | *        | c, rdd<br>c, rdd       | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 17                                    | Blackrod Point                                                                                                              | 1018.7                                                             | +6                                        | NW                                        | 3                               | bc                               | 64                                     | 75                                     | 8                               | 3                               | -                                              | -                                    | 4-6                                                  | 4-6                                                                | 4000                                                     | 1019.4                               | +2                               | NW                                             | 3                                      | c                                      | 58                               | 75                                   | 8                                    | 3                                   | 5                                              | -                                               | 4-6                                          | 9                                  | 4000                | 0        | 2                      | bc<br>c                                                  | c<br>c                                                   | c<br>c                                                    | cm, bc<br>cm, bc                                         |                                                                                    |                                                                    |
| 18                                    | Malin Head<br>Aldergrove                                                                                                    | 1015.9<br>1016.1                                                   | +2<br>0                                   | NNW<br>NW                                 | 3<br>3                          | c<br>c/pr                        | 58<br>58                               | 75<br>75                               | 8<br>8                          | 2<br>3                          | -<br>7                                         | 4<br>3                               | 2-3<br>9                                             | 7-8<br>9                                                           | 1016.5<br>1016.5                                         | +2<br>+2                             | NNW<br>NW                        | 4<br>2                                         | c<br>c                                 | 56<br>56                               | 75<br>75                         | 8<br>9                               | 2<br>8                               | -<br>7                              | 5<br>-                                         | 2-3<br>7-8                                      | 7-8<br>2500                                  | 5700<br>2500                       | 0<br>1              | 3        | *                      | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                          | cm, bc<br>cm, bc                                         |                                                                                    |                                                                    |
| 19                                    | Birr Castle                                                                                                                 | 1017.1                                                             | +4                                        | NE                                        | 2                               | c                                | 61                                     | 65                                     | 8                               | 5                               | 1                                              | -                                    | 7-8                                                  | 9                                                                  | 2500                                                     | 1017.5                               | +4                               | N                                              | 1                                      | c                                      | 60                               | 75                                   | 8                                    | 7                                   | -                                              | 7-8                                             | 9                                            | 1500                               | 1                   | 3        | c<br>c                 | c<br>c                                                   | c<br>c                                                   | cm, bc<br>cm, bc                                          |                                                          |                                                                                    |                                                                    |
| 20                                    | Valentia Obsy. †<br>Roches Point                                                                                            | 1019.7<br>1017.1                                                   | +8<br>+10                                 | NNW<br>N                                  | 4<br>3                          | c<br>c                           | 61<br>62                               | 65<br>75                               | 9<br>9                          | 2<br>8                          | -<br>-                                         | 5<br>9                               | 4-6<br>9                                             | 7-8<br>1500                                                        | 1020.0<br>1017.7                                         | +2<br>+2                             | NW<br>N                          | 4<br>3                                         | c<br>bc                                | 60<br>62                               | 65<br>75                         | 9<br>9                               | 2<br>2                               | -<br>-                              | 6<br>-                                         | 1<br>4                                          | 9<br>4                                       | 2500<br>2500                       | 1<br>1              | 3        | 3                      | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                         | c, rdd<br>c, rdd                                          | cm, bc<br>cm, bc                                         |                                                                                    |                                                                    |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
|------------------------------------------------------------------------------|----------------|--------------------|-------|-----------------------------------|--------------------|-------|----------------|--------------------|-------|----------------|--------------------|
| 13h. G.M.T. 19th July 18h. G.M.T.                                            |                |                    |       | 01h. G.M.T. 20th July 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> |
| 109                                                                          | 6-             | 51528              | 59668 | 6-                                | 03228              | 59558 | 6-             | 03638              | 60628 | 6-             | 02638              |
| 115                                                                          | 83             | 02844              | 28427 | 87                                | 02844              | 28427 | 87             | 02834              | 28487 | 87             | 81734              |
| 203                                                                          | 5-             | 25838              | 24328 | 5-                                | 02846              | 24426 | 5-             | 03648              | 20428 | 5-             | 02838              |
| 206                                                                          | 83             | 02954              | 24387 | 8-                                | 02965              | 28385 | 5-             | 22866              | 28366 | 87             | 02854              |
| 210                                                                          | 8-             | 01965              | 25415 | 8-                                | 02964              | 59326 | 5-             | 02867              | 21367 | 87             | 81945              |
| 220                                                                          | 73             | 01844              | 27315 | 82                                | 81845              | 28318 |                |                    |       | 87             | 02845              |
| 230                                                                          | 87             | 02855              | 24486 | 87                                | 02855              | 28326 | 8-             | 02747              | 24287 | 84             | 25555              |
| 245                                                                          | 87             | 02976              | 17387 | 87                                | 81956              | 24387 | 5-             | 02866              | 26426 | 74             | 10386              |
| 260                                                                          | 8-             | 02954              | 26327 | 83                                | 02964              | 26328 | 53             | 02865              | 24316 | 57             | 02966              |
| 277                                                                          |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
| 279                                                                          | 83             | 02855              | 26385 | 80                                | 01855              | 27384 |                |                    |       | 8-             | 25857              |
| 285                                                                          |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
| 288                                                                          | 20             | 01854              | 20285 | 83                                | 02855              | 25227 | 50             | 00866              | 22218 | 54             | 01864              |
| 273                                                                          |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
| 301                                                                          | 20             | 01953              | 23314 | 84                                | 01953              | 28413 | 20             | 25754              | 28384 | 23             | 01854              |
| 321                                                                          | 5-             | 05668              | 22268 | 84                                | 02665              | 04115 | 07             | 05630              | 02621 | 07             | 05630              |
| 299                                                                          | 87             | 01754              | 08115 | 87                                | 22734              | 08268 |                |                    |       |                |                    |
| 292                                                                          | 8-             | 25965              | 22285 | 8-                                | 02965              | 24285 | 04             | 00850              | 28112 | 5-             | 01961              |
| 310                                                                          |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
| 316                                                                          |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
| 333                                                                          | 2-             | 01953              | 28363 | 40                                | 01961              | 28303 | 5-             | 01854              | 30114 | 14             | 01852              |
| 334                                                                          |                |                    |       |                                   |                    |       |                |                    |       |                |                    |
| 340                                                                          | 27             | 02855              | 24167 | 26                                | 10854              | 30285 | 54             | 05662              | 22810 | 83             | 00862              |
| 136                                                                          |                |                    |       | 47                                | 02865              | 21388 | 5-             | 02675              | 22165 | 04             | 01780              |
| 336                                                                          | 52             | 72763              | 24368 | 52                                | 22763              | 04867 |                |                    |       |                |                    |
| 350                                                                          | 27             | 02865              | 18228 | 52                                | 62744              | 00068 | 50             | 05660              | 04103 | 74             | 05653              |
| 368                                                                          | 6-             | 22737              | 19468 |                                   |                    |       |                |                    |       |                |                    |
| 379                                                                          | 87             | 81744              | 20288 | 62                                | 64716              | 32268 | 90             | 05630              | 32400 | 03             | 01830              |
| 390                                                                          | 83             | 02765              | 24427 | 62                                | 64636              | 20168 | 62             | 62437              | 32268 | 50             | 01741              |
| 382                                                                          | 62             | 64656              | 00068 | 62                                | 58535              | 08168 | 50             | 01751              | 30211 | 53             | 01872              |
| 438                                                                          | 54             | 01853              | 24414 |                                   |                    |       |                |                    |       | 53             | 01764              |
| 430                                                                          | 27             | 02854              | 20527 | 5-                                | 22628              | 20468 | 5-             | 05645              | 28445 | 53             | 00841              |
| 402                                                                          | 57             | 02736              | 20457 | 23                                | 02845              | 28425 | 17             | 00844              | 28262 | 24             | 02941              |

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).



| DISTRICTS.                                 | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 20th July                                                                                           |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Moderate or light northwest to west wind; fair apart from some scattered showers; bright intervals; temperature rather below average.                            |
| 2 E. England ...                           |                                                                                                                                                                  |
| 3 E. Midlands ...                          |                                                                                                                                                                  |
| 4 W. Midlands ...                          |                                                                                                                                                                  |
| 5 S.W. England                             |                                                                                                                                                                  |
| 6 South Wales ...                          |                                                                                                                                                                  |
| 7 North Wales ...                          |                                                                                                                                                                  |
| 8 N.W. England                             |                                                                                                                                                                  |
| 9 N. Midlands ...                          |                                                                                                                                                                  |
| 10 N.E. England                            |                                                                                                                                                                  |
| 11 S.E. Scotland                           | Moderate northwest wind backing southwest later; fair at first apart from some scattered showers; cloudy with some rain later; temperature rather below average. |
| 12 S.W. Scotland & Isle of Man.            |                                                                                                                                                                  |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                                                                                  |
| 14 Mid Scotland                            |                                                                                                                                                                  |
| 15 N. E. Scotland                          |                                                                                                                                                                  |
| 16 Orkneys and Shetlands                   |                                                                                                                                                                  |
| 17 N. W. Ireland                           |                                                                                                                                                                  |
| 18 N. E. Ireland                           |                                                                                                                                                                  |
| 19 S. E. Ireland                           |                                                                                                                                                                  |
| 20 S. W. Ireland                           |                                                                                                                                                                  |

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

**GENERAL INFERENCE.**

A depression off Northeast Scotland is moving slowly northwards, and a ridge of high pressure west of Ireland is spreading slowly eastwards. Weather will be generally fair apart from scattered showers, but a depression now well out on the Atlantic will cause rain in our western districts towards the end of the period. Temperatures will be rather below average.

**FURTHER OUTLOOK.**

Rain spreading eastwards to most districts of the British Isles.

Warm Front

Cold Front

Occlusion

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

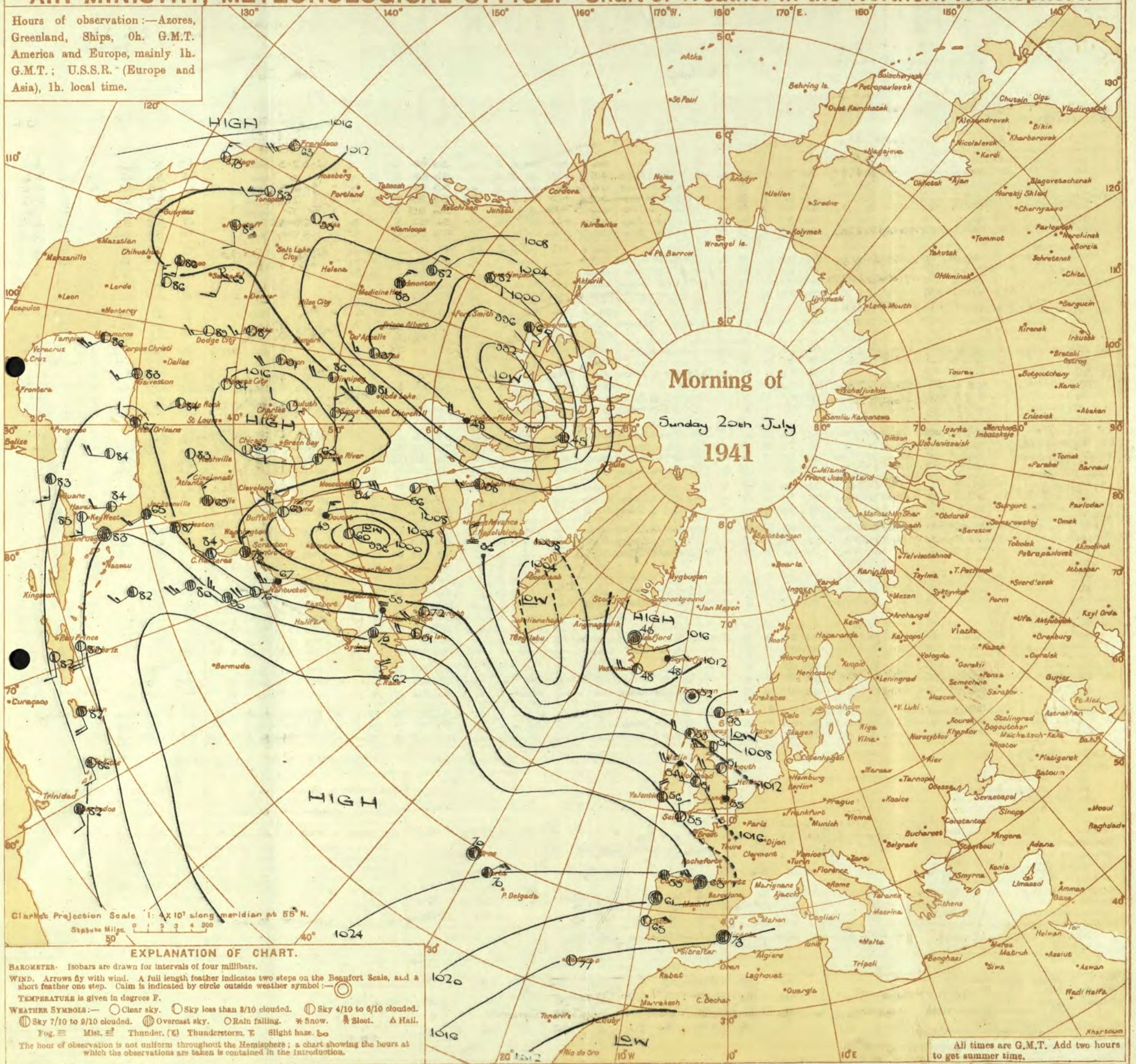
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

H.M.S.O. Press, Cornwall House, S.E.1.  
G. 205 Hk. 6176. D. 6034. G. 343. 3300. 5/41



# 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 July |                     |                              |                      |                        |        |        |          |               |              |                 |        |      |       | OBSERVATIONS at 7 hr. G.M.T. 20th July |      |                       |                         |       |      |          |                |               |                  |        |       |      |      | PAST 24 HOURS. |                       |           |                          |                            |                        |                     |                       |                |      |
|----------------------------------------|---------------------|------------------------------|----------------------|------------------------|--------|--------|----------|---------------|--------------|-----------------|--------|------|-------|----------------------------------------|------|-----------------------|-------------------------|-------|------|----------|----------------|---------------|------------------|--------|-------|------|------|----------------|-----------------------|-----------|--------------------------|----------------------------|------------------------|---------------------|-----------------------|----------------|------|
| DISTRICT.                              | STATIONS.           | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind.  |        | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. (8) | Cloud. |      |       |                                        |      | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. |      | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. |       |      |      |                | State of Ground. (29) | Sea. (30) | TEMPERATURE.             |                            |                        | RAINFALL.           |                       | Sun-shine (36) |      |
|                                        |                     |                              |                      |                        | Direc. | Force. |          |               |              |                 | Low.   | Med. | High. | Low.                                   | Med. |                       |                         | High. | Low. |          |                |               |                  | Med.   | High. | Low. | Med. | High.          |                       |           | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) |                |      |
|                                        |                     |                              |                      |                        |        |        |          |               |              |                 |        |      |       |                                        |      |                       |                         |       |      |          |                |               |                  |        |       |      |      |                |                       |           |                          |                            |                        |                     |                       |                | 0-12 |
| 1                                      | London (Kew)        | 18                           | 1013.4               | +2                     | NW     | 3      | 55       | 87            | 7            | 6               | 2      | -    | 3     | 10                                     | 1500 | 1016.1                | +12                     | NW    | 2    | bc       | 55             | 85            | 6                | 2      | -     | 2-3  | 2-3  | 1500           | 1                     | *         | 64                       | 52                         | 46                     | 9                   | 1                     | 3-1            |      |
|                                        | Croydon             | 217                          | 1013.4               | +2                     | NW     | 3      | 55       | 87            | 7            | 6               | 2      | -    | 3     | 10                                     | 1500 | 1015.8                | +14                     | WNW   | 2    | c        | 53             | 85            | 6                | 5      | -     | 3    | 3    | 1000           | 1                     | *         | 65                       | 50                         | 48                     | 0.2                 | 4                     | 3-6            |      |
|                                        | S. Farnborough      | 226                          | 1014.2               | +18                    | NW     | 3      | 55       | 82            | 6            | 5               | -      | -    | 10    | 10                                     | 1200 | 1016.6                | +10                     | WNW   | 2    | bc       | 53             | 85            | 8                | 1      | 3     | -    | Tr   | 2-3            | 1500                  | 1         | *                        | 66                         | 48                     | 44                  | 1                     | 2              | 4-0  |
|                                        | Boscombe Down       | 417                          | 1015.7               | +12                    | NW     | 3      | 52       | 82            | 7            | 5               | -      | -    | 2-3   | 2-3                                    | 2000 | 1017.4                | +10                     | WNW   | 2    | bc       | 53             | 85            | 7                | 5      | 4     | 2    | 1    | 2-3            | 4000                  | 1         | *                        | 65                         | 47                     | 42                  | 1                     | 3              | 1-6  |
|                                        | Thorney Island      | 10                           | 1014.2               | +10                    | NW     | 3      | 55       | 87            | 6            | 5               | -      | -    | 4-6   | 4-6                                    | 1700 | 1016.3                | +12                     | NW    | 2    | b        | 56             | 85            | 8                | 1      | 4     | 1    | Tr   | Tr             | 4000                  | 1         | *                        | 65                         | 50                     | 45                  | 1                     | Tr             | *    |
|                                        | Lymington           | 346                          | 1014.1               | -14                    | S      | 1      | 56       | 87            | 6            | 5               | -      | -    | 10    | 10                                     | 400  | 1015.1                | +14                     | NNW   | 3    | c/r      | 54             | 82            | 5                | 5      | 3     | -    | 4-6  | 7-8            | 2500                  | 1         | *                        | 67                         | 54                     | 53                  | 0.4                   | 6              | 4-4  |
|                                        | Manston             | 164                          | 1012.5               | -18                    | SSW    | 2      | 57       | 87            | 5            | 5               | -      | -    | 9+    | 9+                                     | 800  | 1013.7                | +14                     | NNW   | 4    | Zo       | 58             | 82            | 6                | 5      | 3     | -    | 7-8  | 9+             | 700                   | 1         | *                        | 70                         | 55                     | 54                  | -                     | 1              | 4-0  |
| 2                                      | Shoeburyness        | 11                           | 1012.5               | -16                    | N      | 3      | 55       | 87            | 6            | 5               | 2      | -    | 7-8   | 9+                                     | 3000 | 1014.8                | +12                     | NNW   | 2    | bc       | 54             | 85            | 6                | -      | 3     | -    | 0    | 2-3            | -                     | 1         | *                        | 71                         | 53                     | 51                  | 5                     | 4              | 4-0  |
|                                        | Felixstowe          | 15                           | 1012.5               | -16                    | N      | 3      | 55       | 87            | 6            | 5               | 2      | -    | 7-8   | 9+                                     | 3000 | 1013.4                | +8                      | NNW   | 3    | Zo       | 56             | 85            | 6                | 5      | -     | -    | 7-8  | 7-8            | 7000                  | 1         | 2                        | 67                         | 55                     | 54                  | 1                     | 16             | 2-3  |
|                                        | Gorleston           | 5                            | 1014.1               | -8                     | -      | 0      | 57       | 82            | 6            | 6               | -      | -    | 10    | 10                                     | 800  | 1014.0                | +4                      | N     | 2    | c        | 59             | 85            | 6                | 8      | 3     | -    | 4-6  | 7-8            | 2000                  | 1         | 2                        | 67                         | 55                     | 53                  | Tr                    | 3              | *    |
|                                        | Mildenhall          | 19                           | 1013.6               | -4                     | -      | 0      | 55       | 87            | 6            | 5               | 2      | -    | 9     | 10                                     | 3000 | 1014.7                | +12                     | NNW   | 3    | Zo       | 52             | 82            | 6                | -      | 7     | 1    | 0    | 2-3            | -                     | 1         | *                        | 65                         | 48                     | 45                  | 0.5                   | 2              | 0-5  |
|                                        | Cranwell            | 240                          | 1014.2               | -2                     | WNW    | 2      | 50       | 85            | 6            | -               | -      | -    | 0     | 0                                      | -    | 1015.1                | +6                      | WNW   | 3    | bc       | 53             | 82            | 7                | -      | 3     | -    | 0    | 2-3            | -                     | 1         | *                        | 61                         | 45                     | 44                  | -                     | -              | 0-2  |
| 3                                      | Birmingham          | 535                          | 1014.3               | +6                     | NNW    | 3      | 50       | 82            | 6            | 5               | -      | -    | 2-3   | 2-3                                    | 3000 | 1016.4                | +10                     | NW    | 3    | b        | 53             | 75            | 6                | 5      | 4     | -    | Tr   | 1              | 2500                  | 1         | *                        | 58                         | 49                     | 44                  | 0.3                   | Tr             | 0.4  |
|                                        | Upper Heyford       | 408                          | 1014.3               | +6                     | NNW    | 3      | 50       | 82            | 6            | 5               | -      | -    | 2-3   | 2-3                                    | 3000 | 1016.4                | +12                     | NNW   | 3    | c        | 54             | 85            | 8                | 5      | 3     | 3    | 2-3  | 7-8            | 5000                  | 1         | *                        | 61                         | 47                     | 43                  | 3                     | 3              | *    |
| 4                                      | Ross-on-Wye         | 223                          | 1014.3               | +6                     | NNW    | 3      | 50       | 82            | 6            | 5               | -      | -    | 2-3   | 2-3                                    | 3000 | 1017.2                | +6                      | W     | 2    | bc       | 51             | 82            | 8                | 8      | -     | -    | 4-6  | 4-6            | 4000                  | 1         | *                        | 59                         | 44                     | 40                  | 7                     | -              | 0.4  |
| 5                                      | Hartland Point      | 299                          | 1017.5               | +4                     | NNW    | 3      | 56       | 65            | 9            | -               | 4      | -    | 0     | 4-6                                    | -    | 1018.5                | +10                     | NNW   | 3    | c        | 57             | 75            | 9                | 2      | 4     | 2    | 1    | 7-8            | 2000                  | 0         | 4                        | 60                         | 55                     | 52                  | 3                     | -              | 5-8  |
|                                        | Bristol             | 209                          | 1016.5               | +6                     | WNW    | 1      | 51       | 87            | 7            | -               | -      | -    | 0     | 0                                      | -    | 1018.1                | +10                     | NW    | 2    | c        | 54             | 85            | 9                | 5      | 3     | -    | 7-8  | 9              | 6000                  | 1         | *                        | 64                         | 47                     | 39                  | 4                     | 0.3            | 0.1  |
|                                        | Portland Bill       | 32                           | 1015.3               | +2                     | W      | 4      | 56       | 82            | 8            | 5               | -      | -    | 7-8   | 7-8                                    | 2500 | 1017.6                | +10                     | NW    | 3    | c        | 56             | 85            | 8                | 5      | -     | -    | 7-8  | 7-8            | 4000                  | 1         | 3                        | 58                         | 53                     | *                   | 2                     | -              | *    |
|                                        | Plymouth            | 82                           | 1018.4               | +8                     | NW     | 2      | 52       | 82            | 8            | -               | -      | -    | 0     | 0                                      | -    | 1019.0                | +2                      | -     | 0    | c        | 53             | 88            | 8                | 5      | -     | -    | 7-8  | 7-8            | 2000                  | 0         | 3                        | 65                         | 47                     | 40                  | 3                     | -              | 3-8  |
|                                        | The Lizard          | 240                          | 1018.5               | +4                     | NNW    | 4      | 52       | 87            | 8            | 4               | -      | -    | 2-3   | 2-3                                    | 2500 | 1019.7                | +4                      | NNW   | 2    | bc       | 57             | 87            | 8                | 4      | 6     | -    | 2-3  | 4-6            | 2500                  | 1         | 2                        | 62                         | 51                     | *                   | 2                     | -              | 2-7  |
|                                        | Scilly (St. Mary's) | 163                          | 1019.3               | +4                     | NNW    | 2      | 55       | 82            | 8            | 8               | -      | -    | 2-3   | 2-3                                    | 1500 | 1020.8                | +8                      | NNW   | 2    | bc       | 57             | 75            | 8                | 8      | 4     | 2    | 2-3  | 4-6            | 1800                  | 0         | 3                        | 65                         | 52                     | *                   | 3                     | -              | 4-2  |
|                                        | Guernsey            | 175                          |                      |                        |        |        |          |               |              |                 |        |      |       |                                        |      |                       |                         |       |      |          |                |               |                  |        |       |      |      |                |                       |           |                          |                            |                        |                     |                       |                |      |
| 6                                      | Pembroke            | 142                          | 1017.9               | +6                     | W      | 1      | 59       | 85            | 8            | 4               | -      | -    | 4-6   | 4-6                                    | 2500 | 1019.3                | +16                     | NW    | 3    | bc       | 56             | 75            | 8                | 2      | 4     | 2    | 2-3  | 4-6            | 3000                  | 1         | 3                        | 62                         | 52                     | *                   | 6                     | 0.6            | 7.5  |
| 7                                      | Holyhead (Valley)   | 26                           | 1016.3               | +2                     | WNW    | 3      | 51       | 82            | 8            | 5               | -      | -    | 4-6   | 4-6                                    | 3000 | 1017.5                | +10                     | WNW   | 4    | bc       | 56             | 75            | 9                | 8      | 3     | 4    | 2-3  | 4-6            | 3000                  | 0         | 2                        | 61                         | 49                     | 42                  | Tr                    | -              | *    |
|                                        | Chester (Sealand)   | 16                           | 1015.7               | -2                     | WNW    | 3      | 53       | 85            | 7            | 8               | -      | -    | 7-8   | 7-8                                    | 3200 | 1016.7                | +8                      | WNW   | 3    | c        | 55             | 85            | 8                | 8      | 3     | -    | 4-6  | 7-8            | 3500                  | 1         | *                        | 62                         | 51                     | 48                  | Tr                    | 1              | 7-7  |
| 8                                      | Manchester          | 70                           | 1015.4               | -2                     | WNW    | 1      | 47       | 87            | 6            | 5               | 3      | 1    | 2-3   | 4-6                                    | 3000 | 1016.1                | +8                      | W     | 2    | c/r      | 53             | 87            | 6                | 8      | -     | -    | 4-6  | 9              | 2000                  | 1         | *                        | 63                         | 44                     | 39                  | 1                     | 0.1            | 6.6  |
| 10                                     | Spurn Head          | 29                           | 1013.7               | 0                      | WNW    | 4      | 55       | 85            | 6            | -               | 8      | -    | 0     | 2-3                                    | -    | 1014.0                | 0                       | WNW   | 4    | bc       | 58             | 85            | 7                | -      | 4     | 4    | 0    | 2-3            | -                     | 0         | 1                        | 62                         | 53                     | *                   | -                     | -              | 2.5  |
|                                        | Catterick           | 175                          | 1013.5               | -2                     | NW     | 3      | 51       | 75            | 8            | 5               | -      | -    | 2-3   | 2-3                                    | 5500 | 1014.4                | +10                     | NW    | 1    | c        | 58             | 75            | 9                | 5      | 4     | -    | 7-8  | 9              | 5000                  | 0         | *                        | 67                         | 48                     | 39                  | 0.2                   | -              | 5-6  |
|                                        | Tynemouth           | 108                          | 1012.7               | +2                     | W      | 4      | 51       | 85            | 7            | 2               | -      | -    | 4-6   | 4-6                                    | 2500 | 1013.8                | +2                      | W     | 3    | bc       | 55             | 75            | 8                | 8      | 3     | -    | 4-6  | 4-6            | 3000                  | 0         | 2                        | 61                         | 50                     | 47                  | -                     | -              | 0.6  |
| 11                                     | St. Abbs Head       | 280                          | 1011.9               | -4                     | WNW    | 4      | 52       | 75            | 8            | 5               | 4      | -    | 4-6   | 4-6                                    | 2500 | 1011.6                | +2                      | WNW   | 4    | c        | 54             | 85            | 9                | 5      | 4     | -    | 4-6  | 7-8            | 2500                  | 1         | 2                        | 60                         | 51                     | *                   | -                     | 3              | *    |
|                                        | Leuchars            | 36                           | 1011.9               | -4                     | W      | 1      | 50       | 85            | 8            | 5               | -      | -    | 9     | 9                                      | 2500 | 1011.9                | -2                      | W     | 3    | c        | 53             | 85            | 9                | 5      | 4     | -    | 7-8  | 9              | 4500                  | 1         | *                        | 63                         | 49                     | 46                  | -                     | 0.4            | 2.1  |
| 12                                     | Renfrew (Abbots L.) | 19                           | 1013.6               | -2                     | W      | 4      | 52       | 85            | 8            | 5               | 7      | -    | 4-6   | 4-6                                    | 2500 | 1013.3                | +2                      | W     | 3    | c        | 58             | 75            | 8                | 5      | 4     | -    | 7-8  | 9              | 2500                  | 0         | *                        | 65                         | 50                     | 43                  | 1                     | Tr             | 3-6  |
|                                        | Eskdalemuir         | 794                          |                      |                        |        |        |          |               |              |                 |        |      |       |                                        |      | 1013.4                | +2                      | WNW   | 3    | c        | 51             | 85            | 8                | 5      | -     | -    | 10   | 10             | 1500                  | 0         | *                        | 61                         | 46                     | 40                  | 0.1                   | Tr             | 5-7  |
|                                        | Point of Ayre       | 30                           | 1015.6               | +2                     | NNW    | 4      | 54       | 85            | 8            | 4               | -      | -    | 2-3   | 2-3                                    | 3000 | 1015.6                | 0                       | NNW   | 5    | c/r      | 53             | 82            | 8                | 8      | 7     | -    | 7-8  | 9+             | 3000                  | 1         | 4                        | 64                         | 52                     | *                   | Tr                    | 0.3            | 10.9 |
| 13A                                    | Tiree               | 22                           | 1018.1               | -4                     | NNW    | 4      | 52       | 87            | 7            | 2               | -      | -    | 9+    | 9+                                     | 1500 | 1014.2                | 0                       | WNW   | 4    | c        | 58             | 85            | 8                | 5      | -     | -    | 9    | 9              | 2100                  | 0         | 3                        | 61                         | 51                     | *                   |                       |                |      |



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Monday 21st July 1941  
No. 29096

| OBSERVATIONS at 13h. G.M.T. 20th July |                                      |                               |                       |        |                |          |              |             |                    |        |         |                                 |        | OBSERVATIONS at 18h. G.M.T. 20th July |                               |                       |       |         |          |              |             |                    |                                |                            |             |                  |                   | PAST 24 HOURS.                |                       |                  |      |          |          |         |         |     |
|---------------------------------------|--------------------------------------|-------------------------------|-----------------------|--------|----------------|----------|--------------|-------------|--------------------|--------|---------|---------------------------------|--------|---------------------------------------|-------------------------------|-----------------------|-------|---------|----------|--------------|-------------|--------------------|--------------------------------|----------------------------|-------------|------------------|-------------------|-------------------------------|-----------------------|------------------|------|----------|----------|---------|---------|-----|
| District.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>3 hours. | Wind.  |                | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud. |         |                                 |        |                                       | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>3 hours. | Wind. |         | Weather. | Temp.<br>°F. | Humid.<br>% | Visibility.<br>0-9 | Cloud.                         |                            |             |                  |                   | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>3 hours. | Wind.            |      | Weather. | WEATHER. |         |         |     |
|                                       |                                      |                               |                       | Direc. | Force.<br>0-12 |          |              |             |                    | Form.  | Amount. | Height<br>of<br>Base.<br>(feet) | Direc. | Force.<br>0-12                        |                               |                       | Form. | Amount. |          |              |             |                    | Height<br>of<br>Base<br>(feet) | State of<br>Ground.<br>0-5 | Sea.<br>0-9 | 7h.—13h.<br>20th | 13h.—18h.<br>20th |                               |                       | 18h.—21st<br>1st | 21st |          |          |         |         |     |
|                                       |                                      |                               |                       |        |                |          |              |             |                    |        |         |                                 |        |                                       |                               |                       |       |         |          |              |             |                    |                                |                            |             |                  |                   |                               |                       |                  |      |          |          |         |         |     |
| 1                                     | London (Kew)...                      | 1017.9                        | +12                   | NW     | 3              | c        | 61           | 55          | 8                  | 3      | 1       | 4-6                             | 9      | 1500                                  | 1019.0                        | +10                   | WNW   | 3       | be       | 66           | 45          | 8                  | 8                              | -                          | -           | 2-3              | 2-3               | 1500                          | 1                     | *                | bbee | cbey     | beybu    | bccw    |         |     |
|                                       | Croydon ...                          | 1017.5                        | +10                   | NW     | 3              | c        | 65           | 55          | 8                  | 2      | 6       | 5                               | 4-6    | 7-8                                   | 3000                          | 1018.7                | +6    | WNW     | 3        | be           | 65          | 45                 | 8                              | 4                          | 6           | -                | 2-3               | 4-6                           | 3000                  | 1                | *    | cmabey   | cybey    | beybyb  | bbe     |     |
|                                       | S. Farnborough                       | 1018.0                        | +6                    | NW     | 4              | c        | 65           | 45          | 8                  | 8      | 6       | 4                               | 7-8    | 9                                     | 3000                          | 1019.3                | +10   | W'S     | 3        | c            | 63          | 55                 | 8                              | 2                          | 6           | -                | 2-3               | 7-8                           | 4000                  | 0                | *    | bbee     | cey      | cb      | buc     |     |
|                                       | Boscombe Down                        | 1018.6                        | +6                    | NW     | 3              | c        | 62           | 55          | 8                  | 7      | 4       | 2                               | 4-6    | 7-8                                   | 3000                          | 1020.1                | +10   | WNW     | 3        | c            | 60          | 65                 | 8                              | 5                          | -           | -                | 9                 | 9                             | 6600                  | 0                | *    | bc       | bubbeey  | beybc   | bcb     |     |
|                                       | Thorney Island                       | 1017.9                        | +6                    | W      | 3              | c        | 68           | 55          | 9                  | 8      | 7       | 1                               | 4-6    | 7-8                                   | 2500                          | 1019.7                | +10   | NW'W    | 2        | be           | 63          | 65                 | 8                              | 7                          | 6           | 1                | 4-6               | 4-6                           | 6300                  | 0                | *    | cbemoe   | cey      | cyzabum | bmaubem |     |
|                                       | Lympe ...                            | 1017.2                        | +8                    | NW     | 4              | c        | 64           | 55          | 8                  | 2      | 6       | -                               | 4-6    | 7-8                                   | 3000                          | 1019.1                | +12   | NW      | 2        | c            | 63          | 55                 | 8                              | 2                          | 3           | -                | 1                 | 7-8                           | 3500                  | 0                | *    | bey      | cey      | cb      | bcb     |     |
|                                       | Manston ...                          | 1016.7                        | +14                   | NW'W   | 3              | c        | 65           | 55          | 8                  | 8      | 3       | -                               | 4-6    | 7-8                                   | 4000                          | 1018.4                | +10   | NW      | 2        | c            | 63          | 55                 | 8                              | 5                          | -           | -                | 9                 | 9                             | 4500                  | 0                | *    | bey      | cey      | cb      | bcb     |     |
| 2                                     | Shoeburyness ...                     | 1017.8                        | +6                    | NW'W   | 3              | c        | 61           | 65          | 8                  | 8      | -       | -                               | 9      | 9                                     | 4000                          | 1018.5                | +10   | WNW     | 2        | c            | 63          | 65                 | 8                              | 8                          | 3           | -                | 2-3               | 4-6                           | 4000                  | 0                | *    | bemoyc   | cey      | cb      | bcb     |     |
|                                       | Felixstowe ...                       | 1015.7                        | +10                   | NW     | 4              | bc       | 67           | 45          | 8                  | 2      | 4       | -                               | 4-6    | 7-8                                   | 3000                          | 1017.7                | +8    | WNW     | 3        | be           | 65          | 55                 | 7                              | 2                          | 3           | -                | Tr                | 4-6                           | 4000                  | 0                | 2    | bey      | cey      | cb      | bcb     |     |
|                                       | Gorleston ...                        | 1015.6                        | +10                   | NE     | 6              | bc       | 66           | 45          | 6                  | 2      | -       | -                               | 4-6    | 4-6                                   | 3000                          | 1017.2                | +10   | NE'E    | 2        | bc           | 64          | 65                 | 7                              | 2                          | -           | -                | 2-3               | 2-3                           | 2500                  | 0                | 1    | cbey     | cey      | cb      | bcb     |     |
|                                       | Mildenhall ...                       | 1016.4                        | +8                    | W'N    | 3              | c        | 61           | 65          | 8                  | 8      | -       | -                               | 7-8    | 9                                     | 3000                          | 1017.7                | +6    | NW'W    | 1        | c            | 62          | 65                 | 8                              | 7                          | 6           | -                | 2-3               | 7-8                           | 2500                  | 1                | *    | bem.bcc  | cey      | cb      | bcb     |     |
|                                       | Cranwell ...                         | 1016.2                        | +8                    | NW     | 3              | z        | 61           | 65          | 6                  | 8      | -       | -                               | 9      | 9                                     | 2500                          | 1017.7                | +12   | WNW     | 4        | c            | 62          | 55                 | 8                              | 5                          | 6           | 1                | 4-6               | 7-8                           | 4000                  | 0                | *    | bcczccz  | cey      | cb      | bcb     |     |
| 3                                     | Birmingham                           | 1017.5                        | +2                    | NW     | 3              | c        | 62           | 45          | 8                  | 8      | -       | -                               | 9      | 9                                     | 2500                          | 1018.8                | +8    | NW      | 3        | c            | 60          | 55                 | 8                              | 5                          | -           | -                | 9                 | 9                             | 2500                  | 1                | *    | bbe      | cey      | cb      | bcb     |     |
| 4                                     | Upper Heyford                        | 1017.5                        | +6                    | WNW    | 3              | c        | 62           | 65          | 8                  | 8      | 3       | -                               | 4-6    | 9                                     | 2800                          | 1018.5                | +10   | WNW     | 3        | c            | 61          | 65                 | 8                              | 7                          | -           | -                | 9                 | 9                             | 2000                  | 0                | *    | bcc      | cey      | cb      | bcb     |     |
|                                       | Ross-on-Wye ...                      | 1017.8                        | 0                     | NW'W   | 3              | c        | 63           | 55          | 7                  | 7      | 3       | 8                               | 4-6    | 7-8                                   | 4000                          | 1019.1                | +6    | W'N     | 3        | c            | 61          | 65                 | 9                              | 7                          | -           | -                | 9                 | 9                             | 4000                  | 1                | *    | bccv     | cey      | cb      | bcb     |     |
| 5                                     | Hartland Point                       | 1020.5                        | +6                    | NW'W   | 3              | bc       | 59           | 75          | 9                  | 1      | 4       | 4                               | 2-3    | 4-6                                   | 2000                          | 1021.2                | +6    | W       | 3        | c            | 59          | 75                 | 9                              | 1                          | 3           | 8                | 1                 | 9                             | 2500                  | 0                | 3    | cbc      | cey      | cb      | bcb     |     |
|                                       | Bristol ...                          | 1019.2                        | +6                    | W      | 3              | c        | 62           | 55          | 9                  | 8      | 6       | 5                               | 4-6    | 9                                     | 3000                          | 1020.2                | +4    | WSW     | 4        | be           | 60          | 75                 | 9                              | 1                          | 3           | -                | 1                 | 4-6                           | 3000                  | 1                | *    | cbc      | cey      | cb      | bcb     |     |
|                                       | Portland Bill ...                    | 1020.1                        | +14                   | SW     | 3              | bc       | 60           | 92          | 8                  | 2      | -       | -                               | 4-6    | 4-6                                   | 4000                          | 1020.2                | +8    | W       | 3        | c            | 60          | 85                 | 8                              | 2                          | 4           | -                | 4-6               | 10                            | 4000                  | 0                | 3    | cbc      | cey      | cb      | bcb     |     |
|                                       | Plymouth ...                         | 1020.7                        | +8                    | NW'W   | 3              | c        | 66           | 55          | 8                  | 1      | -       | -                               | 7-8    | 7-8                                   | 3000                          | 1021.8                | +6    | NW'W    | 3        | c            | 60          | 65                 | 9                              | 4                          | -           | -                | 2-3               | 2-3                           | 4000                  | 0                | 3    | bc       | cey      | cb      | bcb     |     |
|                                       | The Lizard ...                       | 1021.2                        | +6                    | NW     | 3              | bc       | 61           | 65          | 8                  | 8      | 6       | -                               | 4-6    | 4-6                                   | 2500                          | 1022.4                | +4    | NW      | 3        | bc           | 61          | 75                 | 8                              | 8                          | 4           | -                | 2-3               | 4-6                           | 2500                  | 0                | 2    | bc       | cey      | cb      | bcb     |     |
|                                       | Scilly (St. Mary's)                  | 1021.8                        | +10                   | NW'W   | 2              | c        | 61           | 75          | 8                  | 4      | 7       | -                               | 4-6    | 9                                     | 1800                          | 1022.6                | -2    | NW'W    | 3        | be           | 63          | 75                 | 8                              | 8                          | 4           | -                | 2-3               | 4-6                           | 2200                  | 0                | 3    | bcc      | cey      | cb      | bcb     |     |
|                                       | Guernsey ...                         | 1021.8                        | +10                   | NW'W   | 2              | c        | 61           | 75          | 8                  | 4      | 7       | -                               | 4-6    | 9                                     | 1800                          | 1022.6                | -2    | NW'W    | 3        | be           | 63          | 75                 | 8                              | 8                          | 4           | -                | 2-3               | 4-6                           | 2200                  | 0                | 3    | bcc      | cey      | cb      | bcb     |     |
| 6                                     | Pembroke ...                         | 1020.7                        | +10                   | WNW    | 2              | bc       | 58           | 85          | 8                  | 2      | 7       | 1                               | 2-3    | 4-6                                   | 3000                          | 1021.0                | +6    | W       | 4        | c            | 58          | 85                 | 8                              | 2                          | 7           | -                | 2-3               | 9                             | 3000                  | 1                | 3    | bc       | cey      | cb      | bcb     |     |
| 7                                     | Holyhead (Valley)                    | 1018.4                        | +6                    | W      | 4              | c        | 60           | 75          | 9                  | 8      | 3       | 6                               | 7-8    | 9                                     | 3000                          | 1018.5                | 0     | WSW     | 4        | c            | 59          | 85                 | 9                              | 8                          | 3           | 8                | 4-6               | 9                             | 3000                  | 0                | 2    | bc       | cey      | cb      | bcb     |     |
|                                       | Chester (Sealand)                    | 1017.9                        | +6                    | NW     | 4              | c        | 60           | 55          | 8                  | 5      | -       | -                               | 7-8    | 9                                     | 2500                          | 1018.3                | 0     | W'N     | 4        | c            | 62          | 55                 | 8                              | 8                          | 7           | 8                | 2-3               | 9                             | 4000                  | 0                | *    | bcc      | cey      | cb      | bcb     |     |
| 8                                     | Manchester ...                       | 1017.4                        | +8                    | WNW    | 3              | c        | 59           | 65          | 8                  | 6      | -       | -                               | 7-8    | 9                                     | 3000                          | 1018.3                | +6    | W       | 4        | c            | 61          | 65                 | 8                              | 8                          | -           | -                | 8                 | 7-8                           | 10                    | 2500             | 0    | *        | cmuprc   | cey     | cb      | bcb |
| 10                                    | Spurn Head ...                       | 1015.5                        | +6                    | E      | 2              | c        | 60           | 75          | 7                  | 1      | 5       | -                               | 4-6    | 7-8                                   | 4000                          | 1016.1                | +2    | W'N     | 5        | c            | 62          | 65                 | 7                              | 8                          | 6           | -                | 4-6               | 7-8                           | 4000                  | 0                | 1    | be       | cey      | cb      | bcb     |     |
|                                       | Catterick ...                        | 1014.8                        | +2                    | NW'W   | 3              | c        | 62           | 55          | 9                  | 8      | 6       | -                               | 7-8    | 9                                     | 3500                          | 1015.9                | +10   | W       | 3        | c            | 60          | 65                 | 9                              | 5                          | 7           | 7                | 4-6               | 9                             | 2800                  | 0                | 2    | cy       | cey      | cb      | bcb     |     |
|                                       | Tynemouth ...                        | 1014.0                        | 0                     | W      | 4              | c        | 63           | 55          | 8                  | 2      | 3       | -                               | 4-6    | 7-8                                   | 3200                          | 1015.3                | +6    | W       | 5        | c            | 62          | 65                 | 7                              | 8                          | -           | -                | 9                 | 9                             | 2000                  | 0                | 2    | bcc      | cey      | cb      | bcb     |     |
| 11                                    | St. Abbs Head                        | 1011.9                        | 0                     | WNW    | 4              | c        | 61           | 65          | 9                  | 8      | 4       | -                               | 4-6    | 7-8                                   | 2500                          | 1012.9                | +6    | WNW     | 4        | c            | 59          | 75                 | 9                              | 4                          | 7           | 8                | 2-3               | 9                             | 2500                  | 0                | 2    | c        | cey      | cb      | bcb     |     |
|                                       | Leuchars ...                         | 1011.4                        | +2                    | W      | 5              | c        | 64           | 55          | 9                  | 8      | 7       | -                               | 7-8    | 9                                     | 3200                          | 1012.0                | +2    | W       | 6        | c            | 59          | 65                 | 9                              | 8                          | 1           | -                | 9                 | 10                            | 2500                  | 1                | *    | cbey     | cey      | cb      | bcb     |     |
| 12                                    | Renfrew (Abbots I.)                  | 1013.7                        | +2                    | WNW    | 4              | c        | 59           | 65          | 8                  | 8      | 3       | -                               | 7-8    | 9                                     | 2000                          | 1014.0                | 0     | W'S     | 2        | gr           | 54          | 97                 | 7                              | 9                          | 2           | -                | 7-8               | 10                            | 800                   | 1                | *    | cprbce   | cey      | cb      | bcb     |     |
|                                       | Eskdalemuir ...                      | 1014.2                        | +6                    | W'N    | 3              | c/pr     | 55           | 85          | 8                  | 5      | -       | -                               | 4-6    | 7-8                                   | 1500                          | 1014.4                | 0     | W'S     | 3        | c            | 55          | 75                 | 8                              | 5                          | 2           | -                | 7-8               | 10                            | 1500                  | 1                | *    | cprp     | cey      | cb      | bcb     |     |
|                                       | Point of Ayre ...                    | 1016.3                        | +2                    | W'N    | 5              | c        | 65           | 65          | 8                  | 1      | 4       | 6                               | 2-3    | 9                                     | 2500                          | 1016.3                | 0     | W       | 4        | c            | 59          | 75                 | 8                              | 5                          | 1           | -                | 7-8               | 9                             | 2500                  | 0                | 3    | c        | cey      | cb      | bcb     |     |
| 13a                                   | Three ...                            | 1013.9                        | -2                    | W'N    | 4              | c        | 57           | 75          | 8                  | 8      | -       | -                               | 9      | 9                                     | 1800                          | 1015.1                | -6    | W'N     | 4        | c/r          | 54          | 85                 | 7                              | 5                          | -           | -                | 9                 | 9                             | 1500                  | 1                | 4    | c        | cey      | cb      | bcb     |     |
| 13b                                   | Stornoway ...                        | 1010.5                        | -2                    | SW     | 4              | c/pr     | 56           | 85          | 8                  | 7      | -       | -                               | 7-8    | 9                                     | 1800                          | 1010.0                | -2    | W       | 5        | pr           | 53          | 92                 | 8                              | 8                          | 7           | -                | 7-8               | 10                            | 1800                  | 1                | 3    | cprc     | cey      | cb      | bcb     |     |
| 15                                    | Dalwhinnie ...                       | 1011.6                        | +4                    | SW     | 3              | c        | 55           | 65          | 8                  | 8      | 7       | -                               | 7-8    | 9                                     | 1500                          | 1011.8                | 0     | SW      | 2        | o            | 51          | 85                 | 8                              | 8                          | 2           | -                | 4-6               | 10                            | 2500                  | 1                | *    | c        | cey      | cb      | bcb     |     |
|                                       | Aberdeen ...                         | 1010.6                        | +2                    | SE     | 3              | c/pr     | 61           | 65          | 8                  | 8      | -       | -                               | 8      | 9                                     | 3500                          | 1011.2                | +2    | S       | 7        | c/pr         | 57          | 75                 | 7                              | 7                          | -           | -                | 9                 | 9                             | 3500                  | 1                | 2    | cprc     | cey      | cb      | bcb     |     |
|                                       | Wick ...                             | 1009.2                        | +8                    | WSW    | 3              | c        | 55           | 92          | 9                  | 8      | 7       | -                               | 4-6    | 7                                     | 2000                          | 1009.4                | -14   | ESE     | 1        | c/pr         | 55          | 85                 | 8                              | 8                          | -           | -                | 9                 | 10                            | 2000                  | 0                | *    | pr       | cey      | cb      | bcb     |     |
| 16                                    | Lerwick, Sumbagh                     | 1009.7                        | +6                    | W      | 4              | c        | 54           | 92          | 8                  | 8      | -       | -                               | 10     | 10                                    | 700                           | 1009.7                | +14   | SW      | 3        | c            | 54          | 85                 | 8                              | 5                          | 7           | -                | 7-8               | 9                             | 1600                  | 0                | *    | pr       | cey      | cb      | bcb     |     |
| 17                                    | Blacksod Point...                    | 1018.8                        | 0                     | W      | 4              | c        | 61           | 75          | 8                  | 3      | 5       | -                               | 4-6    | 7-8                                   | 2500                          | 1018.3                | -6    | W       | 4        | c/r          | 58          | 85                 | 7                              | 5                          | -           | -                | 10                | 10                            | 1500                  | 0                | 4    | c        | cey      | cb      | bcb     |     |
| 18                                    | Malin Head ...                       | 1015.4                        | +4                    | W      | 5              | pr       | 56           | 85          | 6                  | 3      | -       | -                               | 9      | 9                                     | 800                           | 1014.7                | -10   | W       | 5        | c/pr         | 55          | 85                 | 8                              | 6                          | -           | -                | 9                 | 9                             | 1500                  | 0                | 4    | cprp     | cey      | cb      | bcb     |     |
|                                       | Aldergrove ...                       | 1016.8                        | +4                    | W      | 3              | c        | 60           | 75          |                    |        |         |                                 |        |                                       |                               |                       |       |         |          |              |             |                    |                                |                            |             |                  |                   |                               |                       |                  |      |          |          |         |         |     |



Abridged observations of additional stations in the

AVIATION WEATHER CODE

| 13h. G.M.T. 20th. July 18h. G.M.T. |                |       |       | 01h. G.M.T. 21st. July 07h. G.M.T. |       |       |                |       |        |
|------------------------------------|----------------|-------|-------|------------------------------------|-------|-------|----------------|-------|--------|
| III                                | C <sub>M</sub> | wwVhN | DDFWN | C <sub>M</sub>                     | wwVhN | DDFWN | C <sub>M</sub> | wwVhN | DDFWN  |
| 109                                | 5-             | 02757 | 22567 | 86                                 | 02864 | 21424 | 8-             | 01863 | 16123  |
| 115                                | 52             | 81934 | 24587 | 52                                 | 82834 | 20487 | 54             | 81834 | 20085  |
| 203                                |                |       |       | 6-                                 | 64838 | 16408 | 6-             | 10838 | 20568  |
| 206                                | 83             | 02965 | 24326 | 8-                                 | 02868 | 22488 | 5-             | 02854 | 24325  |
| 210                                | 83             | 25964 | 27287 | 87                                 | 81854 | 20388 | 50             | 01862 | 20263  |
| 220                                |                |       |       |                                    |       |       |                | 87    | 22736  |
| 230                                | 87             | 25955 | 19387 | 81                                 | 81847 | 53488 | 8-             | 25847 | 53387  |
| 245                                |                |       |       | 56                                 | 02854 | 24488 | 57             | 01852 | 22363  |
| 260                                | 86             | 02965 | 55425 | 82                                 | 02854 | 20228 | 50             | 01763 | 22263  |
| 277                                |                |       |       |                                    |       |       |                |       |        |
| 279                                | 8-             | 81855 | 21487 | 81                                 | 26865 | 21487 |                | 80    | 02855  |
| 285                                |                |       |       |                                    |       |       |                |       | 22425  |
| 288                                | 8-             | 02857 | 21227 | 8-                                 | 02865 | 23327 | 5-             | 22755 | 18425  |
| 273                                |                |       |       |                                    |       |       |                | 8-    | 02865  |
| 301                                | 23             | 82954 | 26485 | 87                                 | 02864 | 24427 | 5-             | 51758 | 24558  |
| 321                                | 8-             | 02755 | 28425 | 8-                                 | 02787 | 25327 | 53             | 61664 | 23325  |
| 299                                | 8-             | 02746 | 08116 | 57                                 | 02744 | 21215 | 5-             | 05644 | 22214  |
| 292                                | 8-             | 02956 | 25326 | 40                                 | 02863 | 24327 | 57             | 02851 | 19255  |
| 310                                |                |       |       |                                    |       |       |                | 5-    | 02857  |
| 316                                |                |       |       |                                    |       |       |                |       | 22227  |
| 333                                | 23             | 02954 | 20325 | 23                                 | 01862 | 20318 | 5-             | 02857 | 22427  |
| 334                                |                |       |       |                                    |       |       |                | -     | 03646  |
| 340                                | 80             | 02966 | 28317 | 8-                                 | 02868 | 22828 | 51             | 02865 | 20420  |
| 136                                | 24             | 01854 | 28414 | 46                                 | 02774 | 26486 | 53             | 05675 | 24817  |
| 336                                |                |       |       |                                    |       |       |                | 07    | 02850  |
| 350                                | 26             | 02864 | 28385 | 73                                 | 02865 | 24225 | 50             | 05661 | 22121  |
| 368                                | 80             | 01955 | 22415 |                                    |       |       |                | 5-    | 05668  |
| 379                                | 83             | 02854 | 32326 |                                    |       |       |                | 57    | 02845  |
| 390                                | 83             | 02754 | 26415 | 53                                 | 02765 | 25827 | 50             | 05671 | 00001  |
| 382                                |                |       |       | 10                                 | 02853 | 25226 | 50             | 00871 | 00001  |
| 438                                |                |       |       |                                    |       |       |                | 57    | 02863  |
| 439                                |                |       |       |                                    |       |       |                | 73    | 02864  |
| 409                                | 74             | 01954 | 29315 | 26                                 | 01861 | 24314 | 00             | 00730 | 032100 |
|                                    |                |       |       | 17                                 | 00661 | 26312 | 54             | 01850 | 21203  |
|                                    |                |       |       |                                    |       |       |                | 57    | 01843  |

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.

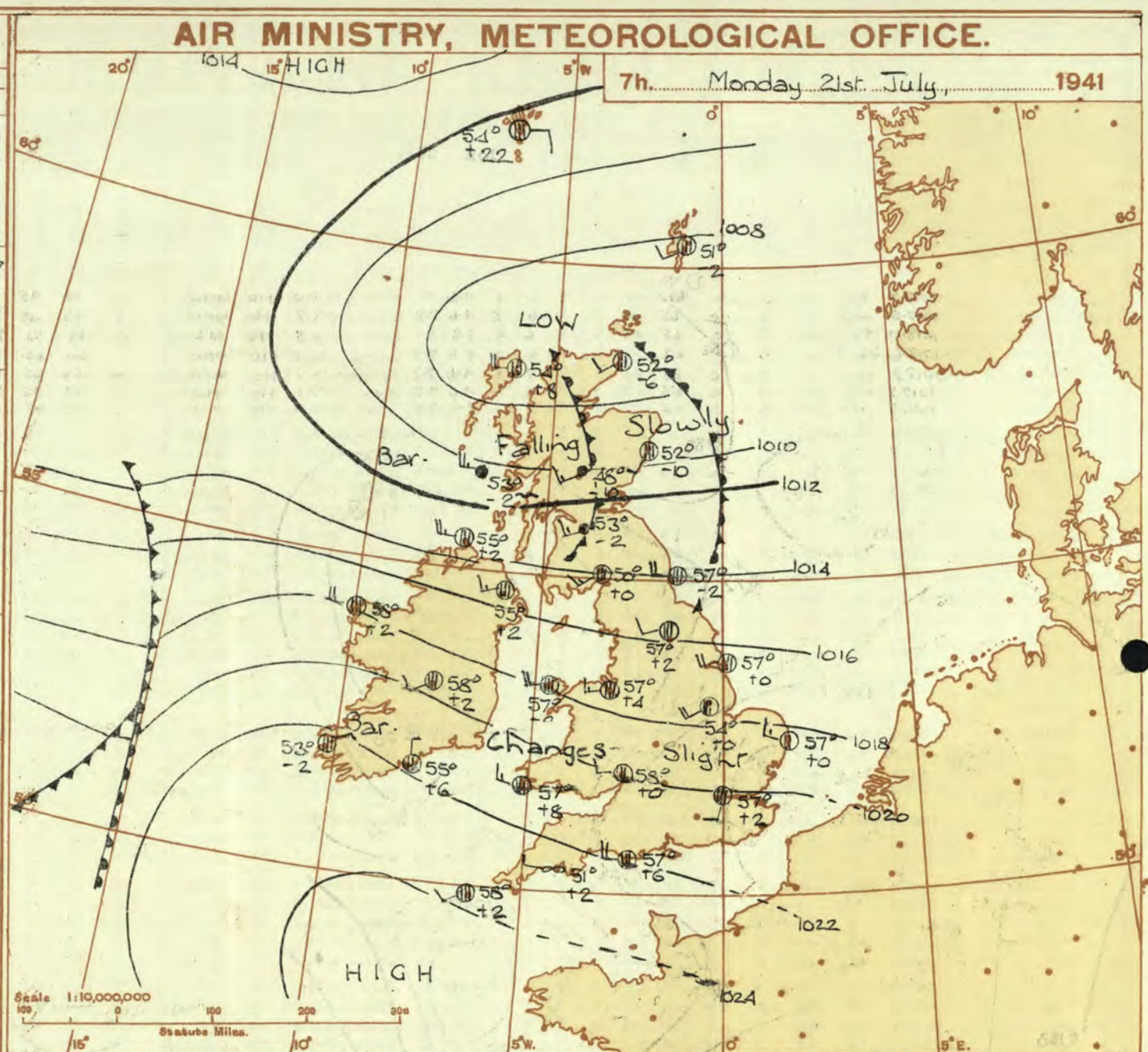
h, N<sub>h</sub> = Height and amount of low cloud—See M.O. 252.

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. Monday 21st. July, 1941. |
|-----------------------------------------------|--------------------------------------------------------------------------------|
| 1 S.E. England                                |                                                                                |
| 2 E. England ...                              |                                                                                |
| 3 E. Midlands ...                             |                                                                                |
| 4 W. Midlands ...                             |                                                                                |
| 5 S.W. England                                |                                                                                |
| 6 South Wales ...                             |                                                                                |
| 7 North Wales ...                             |                                                                                |
| 8 N.W. England                                |                                                                                |
| 9 N. Midlands ...                             |                                                                                |
| 10 N.E. England                               |                                                                                |
| 11 S.E. Scotland                              |                                                                                |
| 12 S.W. Scotland & Isle of Man.               |                                                                                |
| 13 { A. W. Scotld.<br>B. N. W. Scot-<br>land. |                                                                                |
| 14 Mid Scotland                               |                                                                                |
| 15 N. E. Scotland                             |                                                                                |
| 16 Orkneys and Shetlands                      |                                                                                |
| 17 N. W. Ireland                              |                                                                                |
| 18 N. E. Ireland                              |                                                                                |
| 19 S. E. Ireland                              |                                                                                |
| 20 S. W. Ireland                              |                                                                                |

Light or moderate westerly winds; fair, but with much cloud; rather cool

Moderate or fresh westerly winds; cloudy with rain at times; rather cool.

Light or moderate variable winds; cloudy, with rain at times; rather cool.

As 7-13A.

Light or moderate westerly winds; cloudy, with occasional rain; rather cool.

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

#### GENERAL INFERENCE.

A depression over Northern Scotland is moving little, and a trough of low pressure out on the Atlantic is approaching Scotland and North Ireland. It will be generally cloudy, with rain at times in the North and West. Temperatures will be below average.

#### FURTHER OUTLOOK.

Continuing unsettled in the North and West; fair in the Southeast.

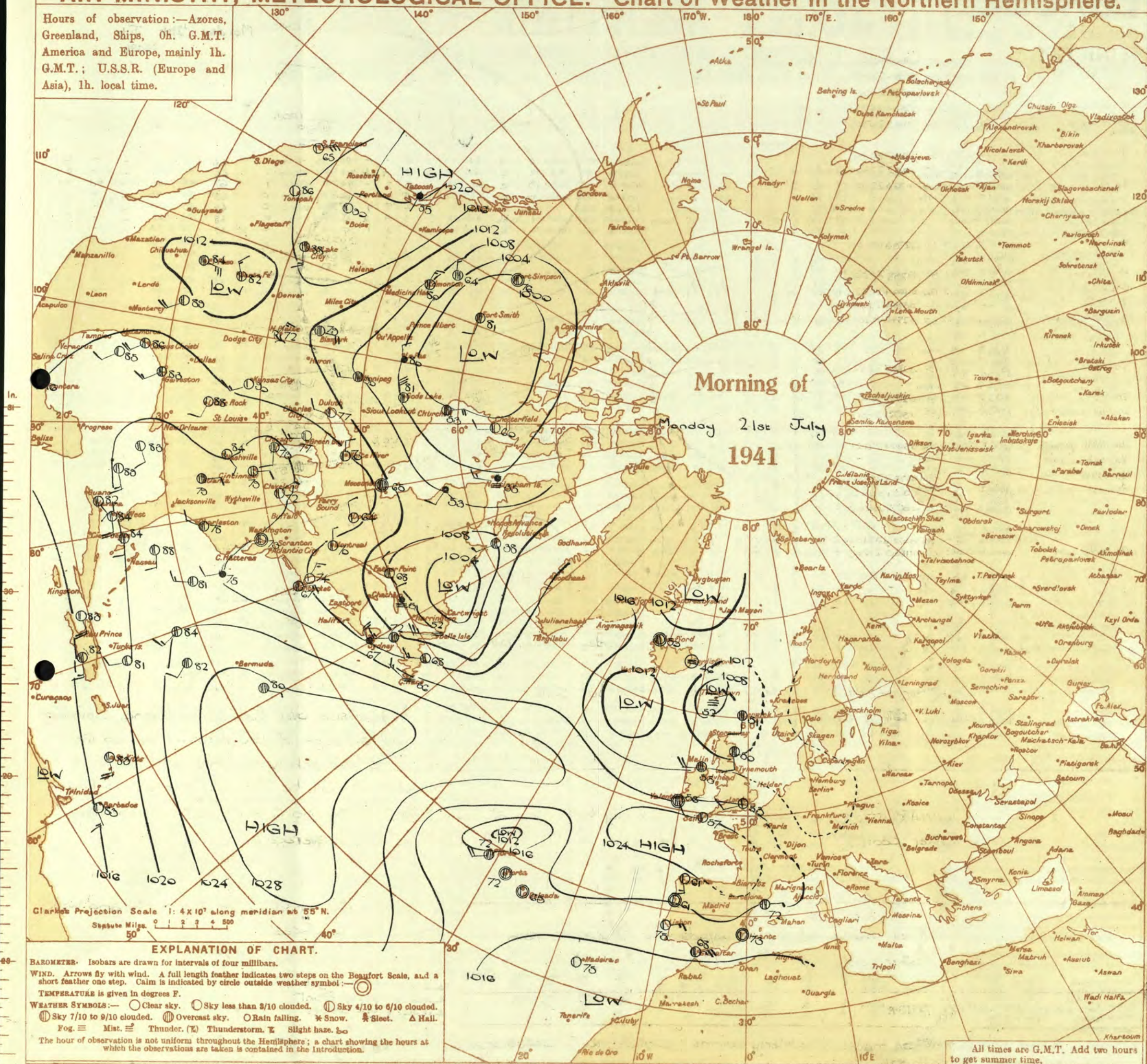
▲▲▲▲ Cold Front  
▲▲▲▲ Warm Front  
▲▲▲▲ Occlusion

Forecasts issued at 4.30h G.M.T.  
N. K. JOHNSON, D.Sc., A.R.C.S., Director.  
H.M.S.O. Press, Cornwall House, S.E.1.  
G. 205. No. 0176. D. 0034. Gp. 943. 3300. 5/41



# 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 July 1941  
 No. 29096

| OBSERVATIONS at 1 hr. G.M.T. 21st July |           |                              |                      |                        |           |            |              |               |              |                 |               |           |           | OBSERVATIONS at 7 hr. G.M.T. 21st July |                       |                         |            |        |               |                |               |                  |                |           |           |           |                       | PAST 24 HOURS. |                      |            |                          |                            |                        |                    |                     |                       |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  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| 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. (9-14) |           |           |                                        | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. (17) |        | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. (23-28) |           |           |           | State of Ground. (29) | Sea. (30)      | TEMPERATURE. (31-33) |            |                          | RAINFALL. (34-35)          |                        | SUNSHINE Hrs. (36) |                     |                       |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  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|                                        |           |                              |                      |                        | Direc.    | Force. (4) |              |               |              |                 | Low. (9)      | Med. (10) | High (11) | Total (12)                             |                       |                         | Base. (13) | Direc. |               |                |               |                  | Force. (18)    | Low. (23) | Med. (24) | High (25) |                       |                | Total (26)           | Base. (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) |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     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 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                        |           |                              |                      |                        |           |            |              |               |              |                 |               |           |           |                                        |                       |                         |            |        |               |                |               |                  |                |           |           |           |                       |                |                      |            |                          |                            |                        |                    |                     |                       | 0-12 | 0-10 | 0-10 | 0-10 | 0-10 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

## SECRET

BRITISH SECTION

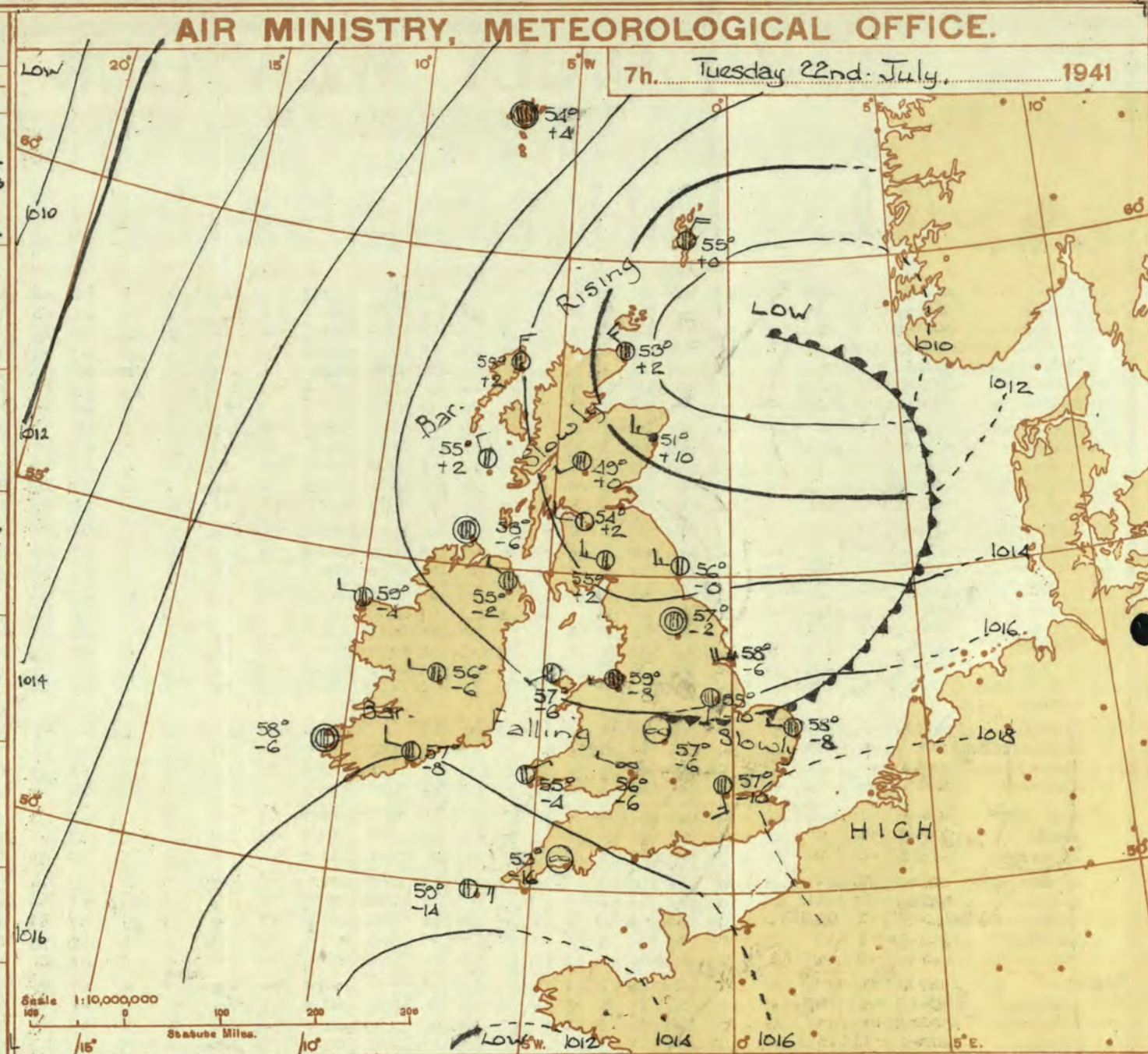
Tuesday 22nd July 1941  
No. 29097

| OBSERVATIONS at 13h. G.M.T. 21st July |                                      |                               |                              |                  |              |                 |                     |                    |                           |                              |                 |               |              | OBSERVATIONS at 18h. G.M.T. 21st July |                               |                    |                 |                  |               |                |                    |                               |                           |                             |                         |                                    |                     | PAST 24 HOURS.                  |              |              |                     |                       |                                         |
|---------------------------------------|--------------------------------------|-------------------------------|------------------------------|------------------|--------------|-----------------|---------------------|--------------------|---------------------------|------------------------------|-----------------|---------------|--------------|---------------------------------------|-------------------------------|--------------------|-----------------|------------------|---------------|----------------|--------------------|-------------------------------|---------------------------|-----------------------------|-------------------------|------------------------------------|---------------------|---------------------------------|--------------|--------------|---------------------|-----------------------|-----------------------------------------|
| District.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.<br>(3) (4) |              | Weather.<br>(5) | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-9<br>(8) | Cloud.<br>(9) (10) (11) (12) |                 |               |              | Barom.<br>at<br>M.S.L.<br>(15)        | Change in<br>8 hours.<br>(16) | Wind.<br>(17) (18) |                 | Weather.<br>(19) | Temp.<br>(20) | Humid.<br>(21) | Visibility<br>(22) | Cloud.<br>(23) (24) (25) (26) |                           |                             |                         | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER.<br>(31) (32) (33) (34) |              |              |                     |                       |                                         |
|                                       |                                      |                               |                              | Form.<br>(9)     | Med.<br>(10) |                 |                     |                    |                           | High<br>(11)                 | Amount.<br>(12) | Form.<br>(23) | Med.<br>(24) |                                       |                               | High<br>(25)       | Amount.<br>(26) |                  |               |                |                    | 7h.—13h.<br>21st<br>(37)      | 13h.—18h.<br>21st<br>(38) | 18h.—to<br>1h. 22nd<br>(39) | 1h.—7h.<br>22nd<br>(40) |                                    |                     |                                 |              |              |                     |                       |                                         |
|                                       |                                      |                               |                              |                  |              |                 |                     |                    |                           |                              |                 |               |              |                                       |                               |                    |                 |                  |               |                |                    |                               |                           |                             |                         |                                    |                     | Low.<br>(9)                     | Med.<br>(10) | High<br>(11) | Low<br>0-10<br>(12) | Total<br>0-10<br>(13) | Height<br>of<br>Base.<br>(feet)<br>(14) |
| 1                                     | London (Kew)...                      | 1020.4                        | 0                            | WSW              | 3            | C               | 65                  | 65                 | 8                         | 5                            | -               | -             | 9            | 1019.3                                | -4                            | WNW                | 3               | C                | 70            | 45             | 8                  | 1                             | 4                         | 1                           | Tr                      | 7-8                                | 4000                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Croydon ...                          | 1020.6                        | -2                           | W                | 3            | C               | 65                  | 75                 | 8                         | 4                            | 3               | 1             | 4-6          | 1020.1                                | -4                            | WSW                | 2               | C                | 68            | 65             | 8                  | 4                             | 3                         | 1                           | Tr                      | 7-8                                | 3000                | 0                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | S. Farnborough                       | 1020.8                        | -2                           | SSW              | 4            | C               | 67                  | 65                 | 8                         | 1                            | -               | 3             | 7-8          | 1020.3                                | 0                             | W                  | 3               | bc               | 70            | 55             | 8                  | 4                             | 3                         | 1                           | Tr                      | 4-6                                | 3000                | 1                               | *            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Boscombe Down                        | 1021.0                        | -4                           | W                | 5            | C               | 68                  | 55                 | 8                         | 1                            | -               | 8             | 2-3          | 1020.8                                | -6                            | WN                 | 3               | bc               | 67            | 55             | 8                  | 4                             | 3                         | 1                           | Tr                      | 4-6                                | 3000                | 0                               | *            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Thorney Island                       | 1021.5                        | -2                           | WSW              | 4            | C               | 65                  | 75                 | 8                         | 1                            | 6               | -             | 7-8          | 1021.2                                | -2                            | WSW                | 3               | bc               | 64            | 75             | 8                  | 1                             | 7                         | 1                           | Tr                      | 2-3                                | 4000                | 0                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Lymington                            | 1021.8                        | +2                           | SWW              | 2            | C               | 61                  | 75                 | 8                         | 8                            | -               | -             | 10           | 1021.3                                | -2                            | SSW                | 2               | bc               | 62            | 85             | 8                  | 1                             | 7                         | 1                           | Tr                      | 4-6                                | 3000                | 0                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Manston                              | 1020.7                        | -2                           | SWW              | 3            | C               | 66                  | 65                 | 8                         | 5                            | -               | -             | 10           | 1020.2                                | -2                            | SW                 | 3               | C                | 64            | 75             | 8                  | 5                             | 7                         | 1                           | Tr                      | 4-6                                | 3000                | 0                               | *            | c            | cbcc                | cbcc                  | cbcc                                    |
| 2                                     | Shoeburyness ...                     | 1020.5                        | -2                           | W                | 3            | C               | 63                  | 65                 | 8                         | 5                            | -               | -             | 10           | 1019.8                                | -6                            | WSW                | 3               | C                | 68            | 65             | 8                  | 7                             | 3                         | -                           | 4-6                     | 9                                  | 5700                | 0                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Felixstowe ...                       | 1019.8                        | -2                           | WSW              | 3            | C               | 63                  | 65                 | 7                         | 7                            | 7               | -             | 9            | 1019.2                                | -6                            | WSW                | 3               | C                | 68            | 65             | 8                  | 1                             | 3                         | 8                           | Tr                      | 7-8                                | 3000                | 1                               | 2            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Gorleston ...                        | 1019.3                        | +2                           | W                | 3            | C               | 62                  | 75                 | 7                         | 8                            | -               | -             | 7-8          | 1019.3                                | +4                            | W                  | 2               | C                | 65            | 55             | 7                  | 8                             | -                         | -                           | 7-8                     | 7-8                                | 2500                | 0                               | 1            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Mildenhall ...                       | 1018.9                        | 0                            | WS               | 4            | C               | 64                  | 65                 | 8                         | 8                            | -               | -             | 9+           | 1018.3                                | -6                            | SWW                | 2               | C                | 67            | 65             | 8                  | 4                             | 2                         | -                           | 2-3                     | 10                                 | 3000                | 0                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Cranwell ...                         | 1018.0                        | +2                           | WSW              | 5            | C               | 62                  | 75                 | 4                         | 8                            | 3               | -             | 9+           | 1017.9                                | +2                            | W                  | 4               | C                | 64            | 65             | 8                  | 5                             | 2                         | -                           | 4-6                     | 10                                 | 2000                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 3                                     | Birmingham                           | 1019.1                        | +2                           | WSW              | 3            | C               | 61                  | 65                 | 8                         | 5                            | -               | -             | 10           | 1019.4                                | +2                            | WNW                | 2               | C                | 64            | 55             | 8                  | 5                             | 2                         | -                           | 4-6                     | 10                                 | 2500                | 1                               | *            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Upper Heyford                        | 1019.6                        | -2                           | W                | 4            | C               | 67                  | 65                 | 8                         | 5                            | 4               | 3             | 4-6          | 1019.8                                | +2                            | WN                 | 2               | C                | 65            | 55             | 8                  | -                             | 4                         | 6                           | 0                       | 9                                  | -                   | 0                               | *            | c            | cbcc                | cbcc                  | cbcc                                    |
| 4                                     | Ross-on-Wye ...                      | 1019.7                        | 0                            | WS               | 3            | C               | 64                  | 75                 | 9                         | 1                            | 7               | -             | 9+           | 1019.7                                | 0                             | WS                 | 3               | C                | 66            | 55             | 8                  | -                             | 7                         | 8                           | 0                       | 9                                  | -                   | 1                               | *            | c            | cbcc                | cbcc                  | cbcc                                    |
| 5                                     | Hartland Point                       | 1022.3                        | +4                           | W                | 3            | C               | 62                  | 85                 | 8                         | 5                            | -               | -             | 2-3          | 1021.2                                | -10                           | W                  | 3               | bc               | 63            | 85             | 8                  | 1                             | 3                         | 5                           | 2-3                     | 4-6                                | 2500                | 0                               | 3            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Bristol ...                          | 1021.4                        | 0                            | WSW              | 4            | C               | 67                  | 65                 | 8                         | 1                            | 4               | 8             | 2-3          | 1021.3                                | -2                            | W                  | 3               | C                | 65            | 65             | 8                  | -                             | 9                         | 9                           | 0                       | 9+                                 | -                   | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Portland Bill ...                    | 1022.3                        | +8                           | SW               | 4            | C               | 59                  | 92                 | 8                         | 5                            | -               | -             | 10           | 1021.2                                | -6                            | SW                 | 4               | C                | 55            | 92             | 8                  | 5                             | -                         | -                           | 7-8                     | 7-8                                | 4000                | 0                               | 3            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Plymouth                             | 1023.1                        | -2                           | WN               | 3            | bc              | 63                  | 85                 | 8                         | 1                            | -               | -             | 2-3          | 1022.1                                | -10                           | SSW                | 2               | b                | 61            | 85             | 8                  | 4                             | -                         | -                           | 1                       | 1                                  | 4000                | 0                               | 3            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | The Lizard                           | 1023.5                        | 0                            | WN               | 3            | bc              | 65                  | 75                 | 8                         | 7                            | -               | -             | 2-3          | 1021.6                                | -10                           | -                  | 0               | bc               | 63            | 75             | 8                  | 7                             | -                         | -                           | 2-3                     | 2-3                                | 4000                | 0                               | 2            | bc           | cbcc                | cbcc                  | cbcc                                    |
|                                       | Scilly (St. Mary's)                  | 1023.3                        | +2                           | WNW              | 2            | bc              | 67                  | 65                 | 8                         | 8                            | 4               | 1             | 2-3          | 1021.7                                | -10                           | SW                 | 2               | C                | 63            | 65             | 8                  | 7                             | 4                         | -                           | 9                       | 9+                                 | 800                 | 0                               | 2            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Guernsey                             | 1023.3                        | +2                           | WNW              | 2            | bc              | 67                  | 65                 | 8                         | 8                            | 4               | 1             | 2-3          | 1021.7                                | -10                           | SW                 | 2               | C                | 63            | 65             | 8                  | 7                             | 4                         | -                           | 9                       | 9+                                 | 800                 | 0                               | 2            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 6                                     | Pembroke                             | 1022.6                        | 0                            | W                | 3            | bc              | 61                  | 85                 | 8                         | -                            | 7               | 1             | 0            | 1021.4                                | -8                            | SWW                | 2               | bc               | 60            | 97             | 8                  | -                             | 7                         | 1                           | 0                       | 4-6                                | -                   | 0                               | 3            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 7                                     | Holyhead (Valley)                    | 1018.7                        | +8                           | SW's             | 4            | C               | 59                  | 85                 | 9                         | 8                            | 7               | -             | 4-6          | 1018.4                                | -2                            | SW                 | 3               | C                | 59            | 85             | 9                  | 5                             | 2                         | -                           | 4-6                     | 10                                 | 5000                | 0                               | 2            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Chester (Sealand)                    | 1017.8                        | +4                           | WNW              | 4            | C               | 64                  | 85                 | 9                         | 8                            | 7               | -             | 4-6          | 1018.1                                | +2                            | WSW                | 3               | C                | 63            | 65             | 8                  | 5                             | 7                         | -                           | 4-6                     | 9+                                 | 3500                | 0                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 8                                     | Manchester                           | 1018.1                        | +4                           | WSW              | 4            | C               | 59                  | 85                 | 6                         | 5                            | 2               | -             | 7-8          | 1018.3                                | +2                            | WSW                | 3               | C                | 60            | 75             | 6                  | 5                             | 7                         | -                           | 7-8                     | 10                                 | 4000                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 10                                    | Spurn Head                           | 1016.5                        | 0                            | WS               | 5            | z               | 65                  | 65                 | 6                         | 5                            | -               | -             | 4-6          | 1016.6                                | +2                            | WS                 | 5               | C                | 62            | 75             | 6                  | 8                             | 6                         | -                           | 7-8                     | 9                                  | 2500                | 0                               | 4            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Catterick                            | 1014.4                        | +6                           | W                | 5            | C               | 67                  | 45                 | 9                         | 8                            | 7               | -             | 4-6          | 1014.8                                | +2                            | SW                 | 3               | C                | 63            | 65             | 8                  | 8                             | 6                         | -                           | 9                       | 9+                                 | 2400                | 0                               | 2            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Tynemouth                            | 1013.6                        | -2                           | W                | 4            | C               | 61                  | 85                 | 7                         | 8                            | -               | -             | 9            | 1013.8                                | +6                            | W                  | 5               | C                | 63            | 55             | 8                  | 8                             | -                         | -                           | 7-8                     | 7-8                                | 1700                | 0                               | 2            | c            | cbcc                | cbcc                  | cbcc                                    |
| 11                                    | St. Abbs Head                        | 1009.2                        | -16                          | WNW              | 6            | C               | 56                  | 75                 | 9                         | 5                            | 4               | 5             | 4-6          | 1009.4                                | +6                            | WNW                | 5               | C                | 57            | 75             | 9                  | 5                             | 7                         | -                           | 4-6                     | 7-8                                | 2000                | 0                               | 3            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Leuchars                             | 1008.1                        | -12                          | WSW              | 6            | C               | 62                  | 75                 | 8                         | 8                            | 3               | -             | 4-6          | 1009.1                                | +10                           | W                  | 3               | bcjp             | 61            | 65             | 9                  | 9                             | 6                         | -                           | 4-6                     | 4-6                                | 2500                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 12                                    | Renfrew (Abbots L.)                  | 1011.9                        | -2                           | WSW              | 5            | id              | 55                  | 85                 | 7                         | 6                            | 2               | -             | 9+           | 1012.6                                | +2                            | W                  | 4               | pr               | 57            | 85             | 6                  | 8                             | 2                         | -                           | 7-8                     | 10                                 | 700                 | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Blackdalemuir                        | 1012.3                        | -2                           | W                | 5            | C               | 58                  | 75                 | 8                         | 8                            | -               | -             | 9+           | 1012.3                                | -6                            | WN                 | 6               | C                | 55            | 75             | 8                  | 5                             | -                         | -                           | 7-8                     | 7-8                                | 1500                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Point of Ayre                        | 1015.6                        | +2                           | W                | 5            | C               | 60                  | 85                 | 8                         | 8                            | 7               | -             | 2-3          | 1016.0                                | +4                            | NW                 | 4               | C                | 58            | 85             | 8                  | 5                             | 7                         | -                           | 7-8                     | 9+                                 | 4000                | 0                               | 3            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 13a                                   | Three ...                            | 1012.1                        | +6                           | WNW              | 5            | C               | 59                  | 85                 | 7                         | 8                            | -               | -             | 7-8          | 1014.6                                | +6                            | WNW                | 4               | C                | 57            | 85             | 7                  | 5                             | 3                         | -                           | 7-8                     | 7-8                                | 1800                | 0                               | 5            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 13b                                   | Stornoway                            | 1010.7                        | +40                          | NE               | 1            | C               | 57                  | 85                 | 8                         | 2                            | 6               | 5             | 4-6          | 1012.4                                | +9                            | NW                 | 4               | C                | 56            | 85             | 7                  | 5                             | 7                         | 5                           | 4-6                     | 9                                  | 2500                | 1                               | 2            | c            | cbcc                | cbcc                  | cbcc                                    |
| 15                                    | Dalwhinnie                           | 1008.2                        | +10                          | SW               | 3            | C               | 54                  | 85                 | 8                         | 9                            | -               | -             | 10           | 1012.1                                | +28                           | SW                 | 2               | C                | 55            | 55             | 8                  | 2                             | 7                         | -                           | 2-3                     | 9+                                 | 2500                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Aberdeen                             | 1006.1                        | -22                          | SSW              | 4            | pr              | 58                  | 75                 | 6                         | 9                            | 7               | -             | 4-6          | 1008.4                                | +18                           | NNE                | 8               | C                | 53            | 65             | 8                  | 8                             | -                         | -                           | 2-3                     | 7-8                                | 2100                | 1                               | 3            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
|                                       | Wick                                 | 1008.2                        | +2                           | EN               | 2            | pr              | 51                  | 85                 | 8                         | -                            | 2               | -             | 10           | 1009.7                                | +10                           | N                  | 2               | C                | 54            | 75             | 9                  | 8                             | 7                         | 8                           | 2-3                     | 9+                                 | 3500                | 1                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 16                                    | Lerwick (Sumburgh)                   | 1010.0                        | +4                           | E                | 2            | pr              | 52                  | 85                 | 9                         | 6                            | 2               | -             | 4-6          | 1010.7                                | +6                            | E                  | 2               | bc               | 55            | 85             | 9                  | 2                             | 3                         | -                           | 2-3                     | 4-6                                | 1800                | *                               | *            | cbcc         | cbcc                | cbcc                  | cbcc                                    |
| 17                                    | Blacksod Point                       | 1019.0                        | 0                            | W                | 4            | C               | 61                  | 85                 | 8                         | 5                            | -               | -             | 9+           | 1018.5                                | -4                            | W                  | 4               | C                | 59            | *              | 7                  | 5                             | -                         | -                           | 10                      | 10                                 | 1500                | 0                               | 3            | c            | cbcc                | cbcc                  | cbcc                                    |
| 18                                    | Malin Head                           | 1015.0                        | +8                           | SWW              | 6            | C               | 58                  | 75                 | 8                         | 9                            | -               | -             | 7-8          | 1015.8                                | +6                            | W                  | 4               | C                | 57            | 85             | 8                  | 6                             | -                         | -                           | 4-6                     | 7-8                                | 1500                | 0                               | 4            | c            | cbcc                | cbcc                  | cbcc                                    |
|                                       | Aldergrove                           | 1016.6                        | +2                           | WSW              | 4            | C               | 59                  | 65                 | 8                         | 5                            | 3               | -             | 4-6          | 1016.6                                | +2                            | WSW                | 4               | C                | 59            | 65             | 8                  | 5                             | 3                         | -                           |                         |                                    |                     |                                 |              |              |                     |                       |                                         |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |       |       |                |       |       |                |                       |       |                |       |
|------------------------------------------------------------------------------|----------------|-------|-------|----------------|-------|-------|----------------|-----------------------|-------|----------------|-------|
| 13h. G.M.T. 21st July                                                        |                |       |       | 18h. G.M.T.    |       |       |                | 01h. G.M.T. 22nd July |       |                |       |
| III                                                                          | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN                 | DDFWN | C <sub>u</sub> | wwVhN |
| 109                                                                          | 87             | 02844 | 07225 | 87             | 02864 | 32225 | 5              | 02865                 | 30225 | 86             | 02844 |
| 115                                                                          | 52             | 01844 | 04187 | 52             | 02834 | 12144 | 83             | 02844                 | 20267 | 84             | 01843 |
| 203                                                                          |                |       |       |                |       |       | 53             | 02845                 | 32218 | 8              | 25536 |
| 206                                                                          | 83             | 25855 | 28186 | 83             | 25965 | 31387 | 8              | 02857                 | 28187 | 83             | 81755 |
| 210                                                                          | 86             | 81835 | 62665 | 87             | 81955 | 27287 | 5              | 02856                 | 26326 | 87             | 02854 |
| 220                                                                          |                |       |       | 83             | 01844 | 24315 |                |                       |       | 80             | 01844 |
| 230                                                                          |                |       |       | 87             | 02845 | 27485 | 80             | 00841                 | 24311 | 83             | 02846 |
| 245                                                                          |                |       |       | 24             | 10855 | 30486 | 8              | 25286                 | 22186 | 83             | 25864 |
| 260                                                                          | 5              | 02848 | 22568 |                |       |       | 50             | 01764                 | 24264 | 50             | 05674 |
| 277                                                                          |                |       |       |                |       |       |                |                       |       |                |       |
| 279                                                                          | 83             | 01854 | 55325 |                |       |       |                |                       |       | 73             | 02745 |
| 285                                                                          | 23             | 01854 | 26614 | 23             | 01744 | 26615 |                |                       |       |                |       |
| 288                                                                          | 85             | 01865 | 24426 | 86             | 02854 | 22426 | 86             | 01754                 | 23285 | 83             | 02855 |
| 273                                                                          |                |       |       |                |       |       |                |                       |       |                |       |
| 301                                                                          | 57             | 02755 | 26557 | 57             | 61864 | 57588 | 5              | 61748                 | 24468 | 72             | 02865 |
| 321                                                                          | 17             | 02755 | 25425 | 57             | 05665 | 23427 | 57             | 05654                 | 22227 | 57             | 05664 |
| 299                                                                          | 80             | 02745 | 22415 | 87             | 01754 | 22515 | 5              | 05657                 | 22327 | 57             | 05654 |
| 292                                                                          | 8              | 81856 | 22426 | 5              | 61847 | 24487 |                |                       |       | 57             | 02765 |
| 310                                                                          | --             | 03628 | 20328 |                |       |       |                |                       |       | 11             | 02626 |
| 316                                                                          |                |       |       |                |       |       |                |                       |       |                |       |
| 333                                                                          | 53             | 02884 | 20327 | 87             | 10863 | 20388 | 5              | 02857                 | 20287 | 54             | 01721 |
| 334                                                                          | --             | 02755 | 18216 | --             | 02773 | 18314 |                |                       |       | --             | 02645 |
| 340                                                                          | 83             | 02964 | 22325 | 07             | 02936 | 22428 | 02             | 62720                 | 20268 | 03             | 02830 |
| 136                                                                          | 8              | 02757 | 22527 | 52             | 02754 | 20418 | 02             | 62688                 | 20368 | 51             | 62674 |
| 336                                                                          | 53             | 01862 | 24514 |                |       |       |                |                       |       | 53             | 01762 |
| 350                                                                          | 57             | 02755 | 24367 | 07             | 02830 | 22328 | 51             | 05655                 | 20228 | 07             | 01730 |
| 368                                                                          | 70             | 02752 | 24527 |                |       |       |                |                       |       | 5              | 05658 |
| 379                                                                          | 27             | 01864 | 20464 | 07             | 01830 | 26414 | 07             | 02730                 | 20327 | 03             | 01730 |
| 390                                                                          | 53             | 02755 | 23427 | 53             | 02764 | 26425 | 53             | 05662                 | 21114 | 55             | 05583 |
| 382                                                                          |                |       |       | 03             | 01730 | 23314 | 56             | 10764                 | 00014 | 03             | 01830 |
| 488                                                                          | 82             | 02873 | 23518 |                |       |       |                |                       |       |                |       |
| 430                                                                          | 8              | 02857 | 20427 | 54             | 00851 | 20303 | 00             | 05630                 | 00014 | 50             | 42741 |
| 409                                                                          | 54             | 02844 | 22426 | 5              | 00851 | 25211 | 04             | 00730                 | 04202 | 53             | 03752 |

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> = 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. Tuesday 22nd July 1941.                            |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Light or moderate E. or S.E. winds; variable cloud; thunderstorms and thundery rains later; rather warm. |
| 2 E. England ...                           |                                                                                                          |
| 3 E. Midlands ...                          |                                                                                                          |
| 4 W. Midlands ...                          |                                                                                                          |
| 5 S.W. England                             |                                                                                                          |
| 6 South Wales ...                          | Light variable winds; variable cloud; local showers; rather warm.                                        |
| 7 North Wales ...                          |                                                                                                          |
| 8 N.W. England                             |                                                                                                          |
| 9 N. Midlands ...                          | Light or moderate N.W. wind; variable cloud; showers; local thunderstorms; cool.                         |
| 10 N.E. England                            |                                                                                                          |
| 11 S.E. Scotland                           |                                                                                                          |
| 12 S.W. Scotland & Isle of Man.            | Variable winds; bright intervals; local rain; rather warm.                                               |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                          |
| 14 Mid Scotland                            |                                                                                                          |
| 15 N.E. Scotland                           |                                                                                                          |
| 16 Orkneys and Shetlands                   |                                                                                                          |
| 17 N.W. Ireland                            |                                                                                                          |
| 18 N.E. Ireland                            |                                                                                                          |
| 19 S.E. Ireland                            |                                                                                                          |
| 20 S.W. Ireland                            |                                                                                                          |

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

#### GENERAL INFERENCE.

A depression over the Northern North Sea is almost stationary, and another over the Bay of Biscay is moving north. In the North there will be bright intervals and thundery showers. In the South and Midlands weather will be fair this afternoon, but thunderstorms and thundery rains are expected later.

#### FURTHER OUTLOOK.

Unsettled; thundery rains.

▲▲▲▲ Cold Front  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion

Forecasts issued at 1030h G.M.T.

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

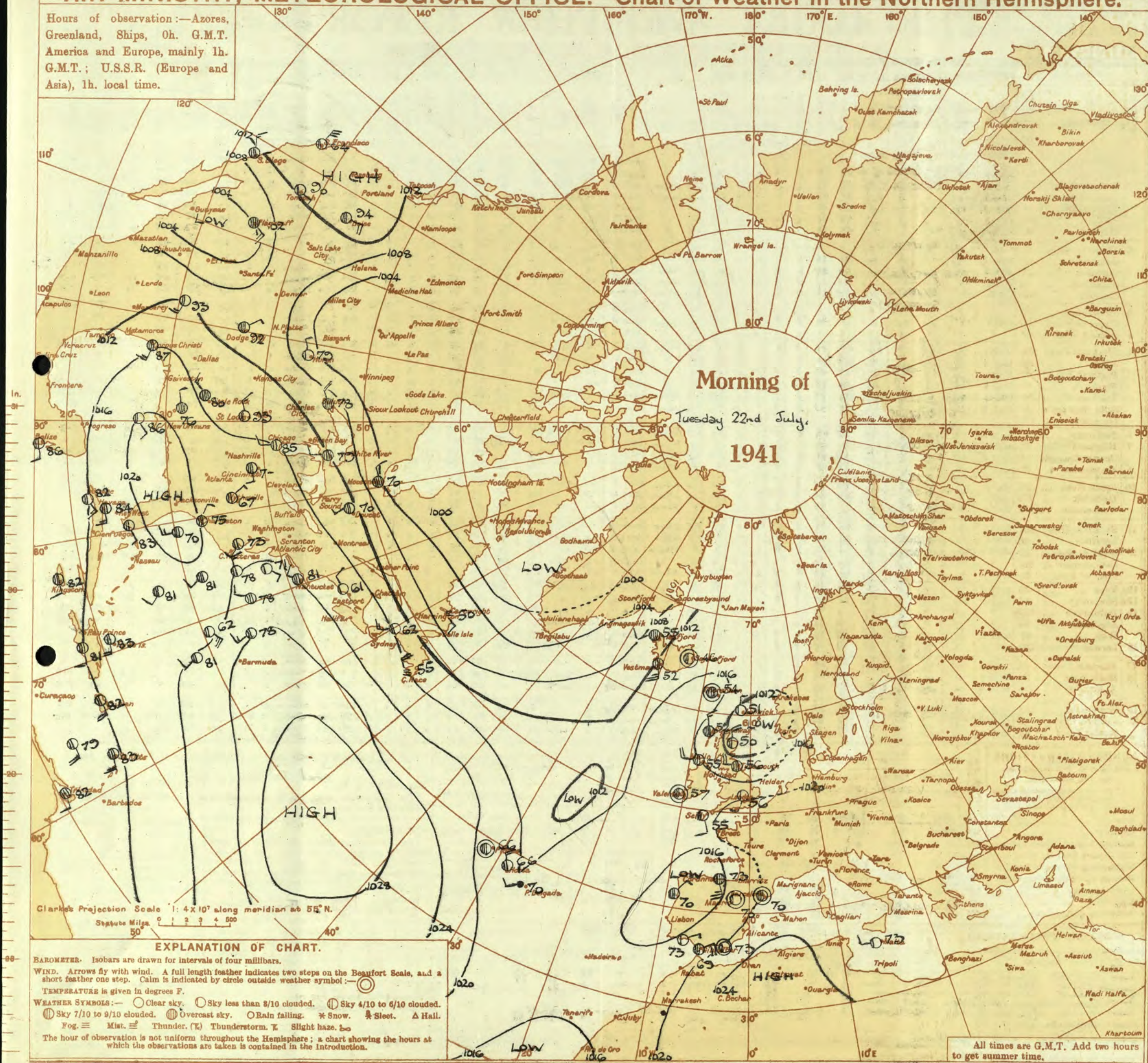
H.M.S.O. Press, Cornwall House, S.E.1.

G. 266. No. 9176. 2. 6034. Gp. 943. 3300. 5/41



# 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 22nd July 1941  
No. 29097

| OBSERVATIONS at 1 hr. G.M.T. 22nd July |                             |                                 |                               |                              |               |               |          |                     |                    |                           |              |              |              |                     | OBSERVATIONS at 7 hr. G.M.T. 22nd July |                                |                               |                                        |                |          |                      |                     |                            |               |               |              |              |                     |                                    | PAST 24 HOURS.      |                       |                                        |                                      |                                        |                                 |                               |                              |                                |      |
|----------------------------------------|-----------------------------|---------------------------------|-------------------------------|------------------------------|---------------|---------------|----------|---------------------|--------------------|---------------------------|--------------|--------------|--------------|---------------------|----------------------------------------|--------------------------------|-------------------------------|----------------------------------------|----------------|----------|----------------------|---------------------|----------------------------|---------------|---------------|--------------|--------------|---------------------|------------------------------------|---------------------|-----------------------|----------------------------------------|--------------------------------------|----------------------------------------|---------------------------------|-------------------------------|------------------------------|--------------------------------|------|
| DISTRICT.                              | STATIONS.                   | Height above<br>M.S.L. in feet. | Barom.<br>at<br>M.S.L.<br>(1) | Change in<br>3 hours.<br>(2) | Wind.         |               | Weather. | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-9<br>(8) | Cloud.       |              |              |                     |                                        | Barom.<br>at<br>M.S.L.<br>(15) | Change in<br>3 hours.<br>(16) | Wind.                                  |                | Weather. | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-9<br>(22) | Cloud.        |               |              |              |                     | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | TEMPERATURE.          |                                        |                                      | RAINFALL.                              |                                 | SUN-<br>SHINE<br>Hrs.<br>(36) |                              |                                |      |
|                                        |                             |                                 |                               |                              | Direc.<br>(3) | Force.<br>(4) |          |                     |                    |                           | Form.<br>(9) | Med.<br>(10) | High<br>(11) | Low<br>0-10<br>(12) | Total<br>0-10<br>(13)                  |                                |                               | Height<br>of<br>Base<br>(feet)<br>(14) | Direc.<br>(17) |          |                      |                     |                            | Force<br>(18) | Form.<br>(23) | Med.<br>(24) | High<br>(25) | Low<br>0-10<br>(26) |                                    |                     | Total<br>0-10<br>(27) | Height<br>of<br>Base<br>(feet)<br>(28) | Max.<br>Day<br>7h-18h<br>°F.<br>(31) | Min.<br>Night<br>18h-7h<br>°F.<br>(32) | Min. on<br>Grass<br>°F.<br>(33) |                               | Day<br>7h-18h<br>mm.<br>(34) | Night<br>18h-7h<br>mm.<br>(35) |      |
|                                        |                             |                                 |                               |                              |               |               |          |                     |                    |                           |              |              |              |                     |                                        |                                |                               |                                        |                |          |                      |                     |                            |               |               |              |              |                     |                                    |                     |                       |                                        |                                      |                                        |                                 |                               |                              |                                |      |
| 1                                      | London (Kew) ... 18         | 1019.9                          | -6                            | SSW                          | 2             | b             | 56       | 97                  | 7                  | -                         | 4            | -            | 0            | 1                   | -                                      | 1017.0                         | -8                            | SSW                                    | 2              | z        | 58                   | 85                  | 6                          | 5             | -             | 1            | 4-6          | 7-8                 | 2500                               | 1                   | -                     | 70                                     | 53                                   | 43                                     | -                               | -                             | -                            | 3.6                            |      |
|                                        | Croydon ... 217             | 1019.9                          | -6                            | -                            | 0             | z             | 55       | 97                  | 6                  | 5                         | -            | 8            | 2-3          | 7-8                 | 3000                                   | 1017.3                         | -10                           | SSE                                    | 3              | c        | 57                   | 92                  | 7                          | -             | 3             | 9            | 0            | 9                   | -                                  | 1                   | 71                    | 52                                     | 51                                   | -                                      | -                               | -                             | 7.4                          |                                |      |
|                                        | S. Farnborough ... 226      | 1019.9                          | -6                            | -                            | 0             | z             | 55       | 97                  | 6                  | 5                         | -            | 8            | 2-3          | 7-8                 | 3000                                   | 1017.3                         | -6                            | SSE                                    | 2              | z        | 56                   | 92                  | 6                          | 5             | 3             | -            | 2-3          | 7-8                 | 3000                               | 1                   | -                     | 72                                     | 50                                   | 45                                     | -                               | -                             | -                            | 6.6                            |      |
|                                        | Boscombe Down ... 417       | 1020.3                          | -10                           | -                            | 0             | b of          | 53       | 97                  | 3                  | 5                         | -            | -            | 2-3          | 2-3                 | 2500                                   | 1017.2                         | -14                           | SE'S                                   | 2              | f        | 53                   | 97                  | 2                          | -             | -             | -            | 10           | 10                  | 4500                               | 0                   | -                     | 70                                     | 50                                   | -                                      | -                               | -                             | -                            | -                              |      |
|                                        | Thorney Island ... 10       | 1019.9                          | -12                           | E'ly                         | 1             | b of          | 52       | 97                  | 7                  | -                         | -            | -            | -            | 0                   | -                                      | 1016.9                         | -12                           | SE                                     | 1              | b of     | 58                   | 97                  | 6                          | 5             | 3             | 1            | 7            | 2-3                 | 4000                               | 0                   | -                     | 67                                     | 50                                   | 46                                     | -                               | -                             | -                            | -                              |      |
|                                        | Lympe ... 346               | 1021.1                          | -4                            | -                            | 0             | z             | 53       | 97                  | 6                  | -                         | 7            | -            | -            | 0                   | 2-3                                    | -                              | 1018.7                        | -8                                     | S              | 1        | f                    | 57                  | 97                         | 6             | 5             | 7            | 6            | 2-3                 | 200                                | 0                   | -                     | 64                                     | 48                                   | 42                                     | -                               | -                             | -                            | 5.4                            |      |
|                                        | Manston ... 154             | 1020.0                          | -4                            | SW'ly                        | 1             | z             | 56       | 92                  | 6                  | -                         | 7            | -            | -            | 0                   | 2-3                                    | -                              | 1017.7                        | -10                                    | S              | 1        | f                    | 57                  | 97                         | 2             | -             | -            | 10           | 10                  | 4500                               | 0                   | -                     | 67                                     | 53                                   | 47                                     | -                               | -                             | -                            | 5.5                            |      |
| 2                                      | Shoeburyness ... 11         | 1019.2                          | -4                            | W'S                          | 2             | z             | 61       | 75                  | 6                  | -                         | 2            | -            | 0            | 10                  | -                                      | 1017.7                         | -12                           | SSW                                    | 1              | c        | 61                   | 85                  | 6                          | -             | 7             | -            | 0            | 9                   | -                                  | 0                   | 69                    | 54                                     | 43                                   | -                                      | -                               | -                             | -                            | 3.1                            |      |
|                                        | Felixstowe ... 15           | 1019.2                          | -4                            | W'S                          | 2             | z             | 61       | 75                  | 6                  | -                         | 2            | -            | 0            | 10                  | -                                      | 1017.1                         | -10                           | SSW                                    | 2              | c        | 62                   | 85                  | 6                          | -             | 3             | 8            | 0            | 7-8                 | -                                  | 1                   | 69                    | 58                                     | 55                                   | -                                      | -                               | -                             | -                            | 1.8                            |      |
|                                        | Gorleston ... 5             | 1019.0                          | 0                             | NW                           | 2             | pr            | 59       | 85                  | 6                  | 6                         | -            | -            | 10           | 10                  | 800                                    | 1017.8                         | -8                            | W                                      | 1              | c/pr     | 58                   | 85                  | 7                          | 8             | -             | -            | 10           | 10                  | 1500                               | 1                   | 2                     | 65                                     | 57                                   | 54                                     | -                               | -                             | -                            | -                              | 0.9  |
|                                        | Mildenhall ... 19           | 1018.6                          | -6                            | SW                           | 2             | c             | 58       | 75                  | 8                  | 5                         | -            | -            | 1-6          | 10                  | 2500                                   | 1016.4                         | -10                           | SSW                                    | 1              | c        | 59                   | 85                  | 7                          | 5             | 3             | -            | 4-6          | 9                   | 3000                               | 1                   | -                     | 68                                     | 58                                   | 54                                     | -                               | -                             | -                            | -                              | 0.9  |
|                                        | Cranwell ... 240            | 1017.6                          | -4                            | WSW                          | 3             | z             | 59       | 65                  | 6                  | 5                         | -            | -            | 9            | 10                  | 2500                                   | 1016.0                         | -10                           | SW                                     | 1              | c/r      | 55                   | 85                  | 6                          | 5             | 2             | -            | 7-8          | 10                  | 2000                               | 1                   | -                     | 67                                     | 53                                   | 52                                     | -                               | -                             | -                            | -                              | 1.8  |
| 3                                      | Birmingham ... 535          | 1019.1                          | -6                            | SW                           | 1             | c             | 57       | 92                  | 8                  | 6                         | 7            | -            | 4-6          | 10                  | 5000                                   | 1016.2                         | -6                            | -                                      | 0              | z        | 57                   | 65                  | 5                          | -             | 7             | -            | 0            | 9                   | -                                  | 1                   | 68                    | 54                                     | 48                                   | -                                      | -                               | -                             | -                            | 1.7                            |      |
|                                        | Upper Heyford ... 408       | 1019.1                          | -6                            | SW                           | 1             | c             | 57       | 92                  | 8                  | 6                         | 7            | -            | 4-6          | 10                  | 5000                                   | 1016.8                         | -8                            | WSW                                    | 1              | z        | 58                   | 97                  | 6                          | 5             | 3             | -            | 2-3          | 7-8                 | 3500                               | 1                   | -                     | 70                                     | 52                                   | 47                                     | -                               | -                             | -                            | -                              | 2.0  |
| 4                                      | Ross-on-Wye ... 223         | 1019.1                          | -6                            | SW                           | 1             | c             | 57       | 92                  | 8                  | 6                         | 7            | -            | 4-6          | 10                  | 5000                                   | 1016.2                         | -6                            | WNW                                    | 1              | z        | 56                   | 85                  | 6                          | -             | 5             | 9            | 0            | 4-6                 | -                                  | 1                   | 68                    | 53                                     | 49                                   | -                                      | -                               | -                             | -                            | 2.0                            |      |
| 5                                      | Hartland Point ... 299      | 1019.3                          | -10                           | SSE                          | 2             | b c           | 55       | 97                  | 7                  | 5                         | -            | 2            | 1            | 4-6                 | 1500                                   | 1015.7                         | -12                           | ENE                                    | 3              | c        | 59                   | 85                  | 8                          | 2             | 4             | 1            | 4-6          | 7-8                 | 1500                               | 0                   | 3                     | 63                                     | 54                                   | 50                                     | -                               | -                             | -                            | -                              | 9.0  |
|                                        | Bristol ... 209             | 1019.3                          | -12                           | SSW                          | 1             | c             | 53       | 97                  | 7                  | -                         | 7            | 2            | 0            | 7-8                 | -                                      | 1016.5                         | -14                           | SSW                                    | 1              | b c      | 57                   | 85                  | 7                          | 2             | -             | 9            | 4-6          | 2500                | 1                                  | -                   | 69                    | 50                                     | 42                                   | -                                      | -                               | -                             | -                            | 5.5                            |      |
|                                        | Portland Bill ... 32        | 1019.0                          | -10                           | SW                           | 2             | b             | 57       | 92                  | 8                  | -                         | -            | -            | 0            | 0                   | -                                      | 1016.3                         | -16                           | E                                      | 2              | c        | 59                   | 92                  | 8                          | 2             | -             | 4            | 7-8          | 4000                | 0                                  | 3                   | 60                    | 55                                     | -                                    | -                                      | -                               | -                             | -                            | 0.0                            |      |
|                                        | Plymouth ... 82             | 1019.8                          | -14                           | E                            | 1             | z             | 52       | 97                  | 6                  | -                         | -            | 1            | 0            | 1                   | -                                      | 1015.9                         | -16                           | -                                      | 0              | z        | 53                   | 92                  | 7                          | 5             | -             | 2            | 4-6          | 3000                | 0                                  | 2                   | 64                    | 49                                     | -                                    | -                                      | -                               | -                             | -                            | 12.0                           |      |
|                                        | The Lizard ... 240          | 1019.3                          | -14                           | E                            | 3             | b c           | 53       | 97                  | 8                  | 7                         | -            | -            | 2-3          | 2-3                 | 4000                                   | 1014.6                         | -20                           | ENE                                    | 4              | b c      | 55                   | 97                  | 7                          | 8             | -             | -            | 4-6          | 4-6                 | 2500                               | 0                   | 2                     | 66                                     | 53                                   | -                                      | -                               | -                             | -                            | -                              | 13.7 |
|                                        | Scilly (St. Mary's) ... 163 | 1018.8                          | -16                           | SE'S                         | 2             | b c           | 55       | 97                  | 8                  | 7                         | -            | 2            | 4-6          | 4-6                 | 1500                                   | 1014.6                         | -14                           | E                                      | 3              | b c      | 59                   | 92                  | 8                          | 8             | 4             | 2            | 2-3          | 9-6                 | 1800                               | 0                   | 2                     | 68                                     | 52                                   | -                                      | -                               | -                             | -                            | -                              | 10.6 |
|                                        | Guernsey ... 175            | 1018.8                          | -16                           | SE'S                         | 2             | b c           | 55       | 97                  | 8                  | 7                         | -            | 2            | 4-6          | 4-6                 | 1500                                   | 1014.6                         | -14                           | E                                      | 3              | b c      | 59                   | 92                  | 8                          | 8             | 4             | 2            | 2-3          | 9-6                 | 1800                               | 0                   | 2                     | 68                                     | 52                                   | -                                      | -                               | -                             | -                            | -                              | 10.6 |
| 6                                      | Pembroke ... 142            | 1019.2                          | -8                            | WNW                          | 1             | b c           | 57       | 92                  | 8                  | 7                         | -            | -            | 2-3          | 2-3                 | 4000                                   | 1017.3                         | -4                            | NE'E                                   | 1              | b c      | 58                   | 97                  | 7                          | 7             | 2             | -            | 2-3          | 4-6                 | 4000                               | 1                   | 2                     | 62                                     | 53                                   | -                                      | -                               | -                             | -                            | -                              | 3.8  |
| 7                                      | Holyhead Valley ... 26      | 1019.4                          | -6                            | SW                           | 3             | c             | 56       | 92                  | 7                  | 5                         | -            | -            | 10           | 10                  | 3500                                   | 1015.2                         | -6                            | SW                                     | 1              | b c      | 57                   | 85                  | 8                          | 5             | 3             | 8            | 1            | 4-6                 | 100                                | 0                   | 2                     | 62                                     | 55                                   | 53                                     | -                               | -                             | -                            | -                              | 0.2  |
|                                        | Chester (Sealand) ... 16    | 1017.2                          | -8                            | W'S                          | 3             | c             | 59       | 65                  | 7                  | 5                         | 7            | -            | 7-8          | 10                  | 3000                                   | 1015.2                         | -8                            | WSW                                    | 1              | c        | 59                   | 75                  | 8                          | 5             | 7             | -            | 7-8          | 9                   | 7000                               | 0                   | -                     | 66                                     | 57                                   | 53                                     | 0.2                             | -                             | -                            | -                              | 0.2  |
| 8                                      | Manchester ... 70           | 1017.3                          | -6                            | WSW                          | 2             | c/r           | 56       | 85                  | 6                  | 5                         | -            | -            | 9            | 10                  | 2500                                   | 1015.7                         | -4                            | SW                                     | 2              | z        | 58                   | 85                  | 6                          | 5             | 7             | -            | 7-8          | 9                   | 2500                               | 1                   | -                     | 62                                     | 55                                   | 53                                     | 1                               | -                             | -                            | -                              | 0.0  |
| 10                                     | Spurn Head ... 29           | 1017.0                          | +2                            | WSW                          | 5             | c             | 60       | 75                  | 5                  | 5                         | -            | -            | 10           | 10                  | 2500                                   | 1015.3                         | -6                            | WSW                                    | 4              | pr       | 58                   | 75                  | 6                          | 8             | -             | -            | 10           | 10                  | 2500                               | 1                   | 3                     | 66                                     | 56                                   | -                                      | -                               | -                             | -                            | -                              | 5.8  |
|                                        | Catterick ... 175           | 1015.1                          | +2                            | -                            | 0             | 0             | 56       | 85                  | 8                  | 5                         | 7            | -            | 9            | 10                  | 2200                                   | 1014.2                         | -2                            | -                                      | 0              | c        | 57                   | 85                  | 8                          | 5             | 7             | -            | 7-8          | 9                   | 3000                               | 1                   | -                     | 67                                     | 55                                   | 53                                     | 0.3                             | -                             | -                            | -                              | 5.5  |
|                                        | Tynemouth ... 108           | 1014.1                          | 0                             | W                            | 4             | c             | 56       | 85                  | 7                  | 5                         | -            | -            | 9            | 9                   | 2500                                   | 1013.8                         | 0                             | W                                      | 3              | b c      | 56                   | 85                  | 7                          | 2             | 3             | -            | 4-6          | 4-6                 | 2800                               | 0                   | 2                     | 65                                     | 54                                   | 49                                     | -                               | -                             | -                            | -                              | -    |
| 11                                     | St. Abbs Head ... 280       | 1011.2                          | 0                             | WNW                          | 5             | c             | 55       | 75                  | 8                  | 5                         | 4            | -            | 4-6          | 7-8                 | 2500                                   | 1012.3                         | +10                           | WNW                                    | 3              | c        | 53                   | 85                  | 9                          | 5             | 4             | -            | 7-8          | 9                   | 2500                               | 0                   | 2                     | 59                                     | 50                                   | -                                      | -                               | -                             | -                            | -                              | 3.2  |
|                                        | Leuchars ... 36             | 1011.5                          | +2                            | WSW                          | 3             | c             | 55       | 75                  | 9                  | 5                         | -            | -            | 7-8          | 7-8                 | 2800                                   | 1012.2                         | +6                            | WNW                                    | 3              | b c      | 55                   | 75                  | 9                          | 5             | 4             | -            | 4-6          | 4-6                 | 3500                               | 0                   | -                     | 65                                     | 53                                   | 49                                     | 1                               | -                             | -                            | -                              | 0.5  |
| 12                                     | Benfrew (Abbots L.) ... 19  | 1013.8                          | +2                            | WSW                          | 2             | c             | 54       | 92                  | 7                  | 5                         | -            | -            | 9            | 9                   | 4000                                   | 1013.7                         | +2                            | W                                      | 2              | b        | 54                   | 85                  | 8                          | 5             | 4             | -            | 7-8          | 9                   | 2500                               | 1                   | -                     | 59                                     | 47                                   | 43                                     | 2                               | -                             | -                            | -                              | 0.5  |
|                                        | Eskdalemuir ... 794         | 1015.7                          | 0                             | W                            | 3             | c             | 55       | 92                  | 8                  | 5                         | 2            | -            | 7-8          | 10                  | 2000                                   | 1012.9                         | +2                            | WNW                                    | 3              | b c      | 55                   | 85                  | 7                          | 5             | -             | -            | 2-3          | 2-3                 | 1500                               | 1                   | -                     | 59                                     | 50                                   | 47                                     | 0.5                             | -                             | -                            | -                              | 2.3  |
|                                        | Point of Ayre ... 30        | 1015.7                          | 0                             | NW                           | 3             | c             | 55       | 92                  | 8                  | 5                         | 2            | -            | 7-8          | 10                  | 2000                                   | 1015.2                         | -2                            | WNW                                    | 2              | c/f      | 56                   | 92                  | 8                          | 8             | 7             | 9            | 7-8          | 7-8                 | 1500                               | 0                   | 2                     | 64                                     | 55                                   | -                                      | -                               | -                             | -                            | -                              | 0.8  |
| 13A                                    | Tiree ... 22                | 1014.8                          | 0                             | NW                           | 2             | b             | 53       | 92                  | 8                  | 5                         | 4            | -            | 7-8          | 10                  | 3500                                   | 1015.0                         | +2                            | NW'ly                                  | 2              | b c      | 55                   | 85                  | 8                          | 1             | -             | -            | 4-6          | 4-6                 | 3500                               | 0                   | 3                     | 60                                     | 53                                   | -                                      | -                               | -                             | -                            | -                              | 1.5  |
| 13B                                    | Stornoway ... 80            | 1013.7                          | +4                            | NW                           | 3             | c/pr          | 52       | 97                  | 7                  | 8                         | -            | -            | 4-6          | 7-8                 | 1500                                   | 1014.1                         | +2                            | N                                      | 3              | b c      | 55                   | 92                  | 8                          | 5             | 4             | -            | 2-3          | 4-6                 | 2000                               | 1                   | 1                     | 60                                     | 50                                   | -                                      | -                               | -                             | -                            | -                              | 7.2  |
| 15                                     | Dalwhinnie ... 1176         | 1014.8                          | 0                             | W                            | 3             | c             | 55       | 92                  | 8                  | 5                         | 4            | -            | 7-8          | 10                  | 3500                                   | 1014.1                         | +2                            | SW                                     | 1              | c        | 49                   | 85                  | 7                          | 5             | 7             | -            | 7-8          | 9                   | 2500                               | 1                   | -                     | 59                                     | 41                                   | 41                                     | 4                               | -                             | -                            | -                              | 2.9  |
|                                        | Aberdeen ... 79             | 1014.8                          | 0                             | W                            | 3             | c             | 55       | 92                  | 8                  | 5                         | 4            | -            | 7-8          | 10                  | 350                                    |                                |                               |                                        |                |          |                      |                     |                            |               |               |              |              |                     |                                    |                     |                       |                                        |                                      |                                        |                                 |                               |                              |                                |      |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Wednesday 23rd July 1941  
No. 29098

| OBSERVATIONS at 13h. G.M.T. 22nd July |                                      |                               |                       |       |        |          |              |             |              |        |         |                                 |      | OBSERVATIONS at 18h. G.M.T. 22nd July |                               |                       |       |         |          |              |             |              |                                 |                  |                   |                       |                 | PAST 24 HOURS.             |             |          |        |         |         |        |       |       |
|---------------------------------------|--------------------------------------|-------------------------------|-----------------------|-------|--------|----------|--------------|-------------|--------------|--------|---------|---------------------------------|------|---------------------------------------|-------------------------------|-----------------------|-------|---------|----------|--------------|-------------|--------------|---------------------------------|------------------|-------------------|-----------------------|-----------------|----------------------------|-------------|----------|--------|---------|---------|--------|-------|-------|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |        | Weather. | Temp.<br>°F. | Humid.<br>% | Visib.<br>m. | Cloud. |         |                                 |      |                                       | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind. |         | Weather. | Temp.<br>°F. | Humid.<br>% | Visib.<br>m. | Cloud.                          |                  |                   |                       |                 | State of<br>Ground.<br>0-9 | Sea.<br>0-9 | WEATHER. |        |         |         |        |       |       |
|                                       |                                      |                               |                       | Dir.  | Force. |          |              |             |              | Form.  | Amount. | Height<br>of<br>Base<br>(feet). | Dir. | Force.                                |                               |                       | Form. | Amount. |          |              |             |              | Height<br>of<br>Base<br>(feet). | 7h.—13h.<br>22nd | 13h.—18h.<br>22nd | 18h.—24h.<br>1h. 23rd | 1h.—7h.<br>23rd |                            |             |          |        |         |         |        |       |       |
|                                       |                                      |                               |                       |       |        |          |              |             |              |        |         |                                 |      |                                       |                               |                       |       |         |          |              |             |              |                                 |                  |                   |                       |                 |                            |             | Low.     | Med.   | High    | Low     | Total  | Low   | Total |
| 1                                     | London (Kew)...                      | 1012.9                        | -24                   | NNW   | 1      | c        | 70           | 55          | 8            | 2      | 5       | 9                               | 46   | 7-8                                   | 2500                          | 1010.1                | -12   | NNW     | 2        | c            | 74          | 45           | 8                               | 8                | 4                 | -                     | 7-8             | 7-8                        | 1500        | 1        | *      | bcmobcy | beycy   | beybmw | bmo   |       |
|                                       | Croydon ...                          | 1014.1                        | -14                   | SSW   | 1      | c        | 71           | 55          | 8            | 1      | 4       | 6                               | 46   | 7-8                                   | 3000                          | 1011.2                | -6    | -       | 0        | c            | 71          | 55           | 7                               | 5                | -                 | -                     | 7-8             | 7-8                        | 3000        | 0        | *      | cycy    | bey     | cybw   | bwm   |       |
|                                       | S. Farnborough                       | 1012.6                        | -22                   | -     | 0      | c        | 70           | 55          | 8            | 2      | -       | 4                               | 7-8  | 7-8                                   | 3000                          | 1010.2                | -8    | NNE     | 2        | bc           | 72          | 45           | 8                               | 2                | -                 | 9                     | 4-6             | 4-6                        | 3000        | 0        | *      | cmobcy  | cybcy   | beybc  | bwm   |       |
|                                       | Boscombe Down                        | 1012.9                        | -26                   | N     | 2      | bc       | 71           | 55          | 9            | 1      | -       | -                               | 4-6  | 4-6                                   | 2000                          | 1011.0                | -8    | N       | 2        | bc           | 70          | 55           | 8                               | 7                | -                 | 1                     | 4-6             | 4-6                        | 3000        | 0        | *      | bccy    | bey     | beybcz | bzo   |       |
|                                       | Thorney Island                       | 1012.8                        | -24                   | ESE   | 2      | bc       | 71           | 55          | 8            | 1      | 3       | 1                               | 2-3  | 2-3                                   | 4000                          | 1010.7                | -8    | SW      | 1        | bc           | 66          | 75           | 8                               | 7                | 3                 | 1                     | 2-3             | 4-6                        | 4000        | 0        | *      | bmo     | beybed  | beybm  | bmo   |       |
|                                       | Lympne                               | 1014.3                        | -24                   | SE    | 1      | c        | 69           | 55          | 8            | 1      | 5       | 6                               | 2-3  | 2-3                                   | 4000                          | 1011.1                | -14   | 3       | 1        | b            | 68          | 65           | 8                               | 1                | -                 | 1                     | 1               | 1                          | 4000        | 0        | \$2    | bcmocv  | cbcyb   | beybm  | bmo   |       |
|                                       | Manston                              | 1013.5                        | -20                   | SE    | 2      | c        | 70           | 55          | 8            | 2      | -       | 9                               | 2-3  | 2-3                                   | 2000                          | 1010.6                | -10   | ENE     | 2        | b            | 66          | 65           | 8                               | 1                | 4                 | 1                     | 1               | 1                          | 2500        | 0        | *      | ofbc    | cbcyb   | beybm  | bmo   |       |
| 2                                     | Shoeburyness ...                     | 1013.9                        | -22                   | EN    | 3      | bc       | 68           | 75          | 8            | 2      | 4       | 2                               | 2-3  | 4-6                                   | 4000                          | 1011.0                | -8    | E3      | 3        | bc           | 67          | 75           | 8                               | 1                | -                 | 1                     | 2-3             | 4000                       | 0           | *        | cbcmob | cb      | beybm   | bmo    |       |       |
|                                       | Felixstowe ...                       | 1014.4                        | -14                   | SSE   | 2      | c        | 67           | 75          | 8            | 2      | 8       | 8                               | 10   | 10                                    | 2500                          | 1011.1                | -14   | E       | 2        | bc           | 66          | 75           | 8                               | 1                | 3                 | 1                     | 0               | 4-6                        | -           | 0        | 1      | *       | bcmob   | cb     | beybm | bmo   |
|                                       | Gorleston                            | 1014.9                        | -12                   | SE    | 4      | z        | 63           | 75          | 6            | 5      | -       | -                               | 10   | 10                                    | 1200                          | 1012.0                | -12   | SE      | 2        | c            | 64          | 85           | 7                               | 5                | 3                 | -                     | 2-3             | 7-8                        | 2000        | 0        | 2      | cb      | cybc    | beybm  | bmo   |       |
|                                       | Mildenhall                           | 1013.1                        | -20                   | SE    | 2      | c        | 71           | 55          | 8            | 7      | 1       | -                               | 2-3  | 10                                    | 3000                          | 1010.2                | -14   | ESE     | 2        | bc           | 71          | 55           | 8                               | 2                | 6                 | -                     | 2-3             | 4-6                        | 3000        | 0        | *      | cy      | cybcy   | beybm  | bmo   |       |
|                                       | Cranwell                             | 1013.5                        | -18                   | -     | 0      | bc       | 68           | 55          | 7            | 5      | 7       | -                               | 2-3  | 4-6                                   | 3500                          | 1011.8                | -4    | NE      | 3        | z            | 62          | 75           | 6                               | 5                | -                 | -                     | 9+              | 9+                         | 2500        | 0        | *      | emobcy  | beybm   | beybm  | bmo   |       |
| 3                                     | Birmingham                           | 1012.7                        | -14                   | SW    | 2      | c        | 69           | 45          | 8            | 7      | 8       | -                               | 7-8  | 7-8                                   | 4000                          | 1011.6                | -6    | N       | 3        | z            | 65          | 65           | 6                               | -                | 8                 | -                     | 0               | 2-3                        | -           | 1        | *      | cb      | bc      | beybm  | bmo   |       |
| 4                                     | Upper Heyford                        | 1013.4                        | -16                   | SSW   | 1      | c        | 71           | 55          | 8            | 2      | 5       | 9                               | 46   | 7-8                                   | 3000                          | 1011.0                | -10   | NNW     | 1        | bc           | 70          | 55           | 7                               | 2                | -                 | 4                     | 2-3             | 4-6                        | 3000        | 0        | *      | cmob    | bc      | beybm  | bmo   |       |
|                                       | Ross-on-Wye ...                      | 1012.8                        | -20                   | W     | 2      | bc       | 69           | 55          | 7            | 1      | -       | -                               | 2-3  | 2-3                                   | 4000                          | 1011.1                | -6    | NNW     | 3        | bc           | 70          | 55           | 8                               | 7                | -                 | 4                     | 2-3             | 2-3                        | 4000        | 1        | *      | bc      | bc      | beybm  | bmo   |       |
| 5                                     | Hartland Point                       | 1013.4                        | -12                   | ENE   | 3      | bc       | 64           | 75          | 7            | 1      | -       | -                               | 2-3  | 2-3                                   | 3500                          | 1012.2                | -6    | N       | 3        | bc           | 60          | 85           | 8                               | 1                | 4                 | 5                     | 2-3             | 4-6                        | 1500        | 0        | 3      | cb      | bc      | beybm  | bmo   |       |
|                                       | Bristol ...                          | 1013.1                        | -22                   | NNW   | 2      | bc       | 70           | 65          | 8            | 2      | -       | -                               | 2-3  | 2-3                                   | 3000                          | 1011.7                | -6    | NNW     | 2        | bc           | 69          | 65           | 7                               | 2                | 4                 | 6                     | 0               | 4-6                        | -           | 0        | *      | bc      | bc      | beybm  | bmo   |       |
|                                       | Portland Bill                        | 1012.5                        | -20                   | E     | 2      | bc       | 63           | 82          | 8            | 2      | -       | -                               | 4-6  | 4-6                                   | 4000                          | 1011.1                | -4    | ESE     | 1        | c            | 60          | 92           | 8                               | 2                | 4                 | -                     | 4-6             | 7-8                        | 4000        | 0        | 3      | cb      | bc      | beybm  | bmo   |       |
|                                       | Plymouth                             | 1012.4                        | -26                   | E     | 1      | bc       | 71           | 55          | 8            | 1      | -       | -                               | 4-6  | 4-6                                   | 4000                          | 1012.1                | -12   | -       | 0        | c            | 63          | 75           | 8                               | 2                | 4                 | -                     | 7-8             | 7-8                        | 3000        | 0        | 2      | bc      | bc      | beybm  | bmo   |       |
|                                       | The Lizard                           | 1012.5                        | -2                    | EN    | 4      | bc       | 66           | 75          | 8            | 2      | -       | -                               | 2-3  | 2-3                                   | 4000                          | 1012.6                | 0     | N       | 4        | bc           | 65          | 65           | 8                               | 7                | 6                 | -                     | 2-3             | 2-3                        | 4000        | 0        | 2      | bc      | bc      | beybm  | bmo   |       |
|                                       | Soilly (St. Mary's)                  | 1013.3                        | -4                    | NNE   | 4      | bc       | 64           | 75          | 8            | 1      | 4       | -                               | 1    | 2-3                                   | 1800                          | 1013.5                | 0     | NE      | 4        | b            | 63          | 75           | 8                               | -                | 4                 | 0                     | 1               | -                          | -           | 0        | 3      | bc      | bc      | beybm  | bmo   |       |
|                                       | Guernsey                             | 1013.3                        | -4                    | NNE   | 4      | bc       | 64           | 75          | 8            | 1      | 4       | -                               | 1    | 2-3                                   | 1800                          | 1013.5                | 0     | NE      | 4        | b            | 63          | 75           | 8                               | -                | 4                 | 0                     | 1               | -                          | -           | 0        | 3      | bc      | bc      | beybm  | bmo   |       |
| 6                                     | Pembroke                             | 1014.1                        | -14                   | NNW   | 2      | bc       | 61           | 85          | 8            | 3      | -       | 3                               | 2-3  | 4-6                                   | 3500                          | 1013.1                | -6    | N       | 4        | bc           | 62          | 75           | 8                               | -                | -                 | 8                     | 0               | 2-3                        | -           | 0        | 3      | cb      | bc      | beybm  | bmo   |       |
| 7                                     | Holyhead Valley                      | 1014.1                        | -6                    | W     | 2      | c        | 63           | 65          | 8            | 8      | 3       | -                               | 2-3  | 9                                     | 2500                          | 1013.4                | -4    | NNW     | 3        | bc           | 61          | 65           | 9                               | 7                | -                 | -                     | 2-3             | 2-3                        | 3000        | 0        | 1      | cb      | bc      | beybm  | bmo   |       |
|                                       | Chester (Sealand)                    | 1013.8                        | -8                    | NNW   | 4      | c        | 63           | 75          | 8            | 5      | -       | -                               | 10   | 10                                    | 3000                          | 1012.9                | -8    | NNW     | 4        | bc           | 61          | 65           | 8                               | 5                | 4                 | -                     | 2-3             | 2-3                        | 5300        | 0        | *      | c       | cb      | beybm  | bmo   |       |
| 8                                     | Manchester                           | 1013.8                        | -10                   | NNW   | 3      | c        | 63           | 65          | 8            | 3      | -       | -                               | 4-6  | 9+                                    | 2800                          | 1012.6                | -8    | NNW     | 3        | bc           | 63          | 65           | 8                               | 7                | 4                 | -                     | 4-6             | 4-6                        | 5000        | 0        | *      | cmoc    | cb      | beybm  | bmo   |       |
| 10                                    | Spurn Head                           | 1013.0                        | -10                   | WN    | 2      | z        | 63           | 65          | 6            | 5      | -       | -                               | 10   | 10                                    | 2500                          | 1012.2                | -4    | SE      | 2        | z            | 59          | 85           | 6                               | 5                | -                 | -                     | 10              | 10                         | 2500        | 0        | 2      | om      | cy      | beybm  | bmo   |       |
|                                       | Catterick                            | 1012.7                        | -10                   | WS    | 2      | c        | 65           | 55          | 8            | 8      | 6       | -                               | 4-6  | 9+                                    | 4000                          | 1011.6                | 0     | NE      | 1        | c            | 63          | 65           | 6                               | 8                | 6                 | -                     | 4-6             | 9                          | 3500        | 0        | 0      | cy      | cy      | beybm  | bmo   |       |
|                                       | Tynemouth                            | 1013.8                        | +14                   | E     | 3      | c        | 58           | 85          | 8            | 8      | -       | -                               | 9+   | 9+                                    | 2800                          | 1013.0                | -4    | SSE     | 2        | c            | 56          | 85           | 7                               | 8                | 3                 | -                     | 4-6             | 7-8                        | 2500        | 0        | 2      | bcc     | bcc     | beybm  | bmo   |       |
| 11                                    | St. Abbs Head                        | 1012.5                        | +2                    | SE    | 2      | c        | 58           | 75          | 9            | 5      | 4       | -                               | 4-6  | 7-8                                   | 2500                          | 1011.3                | -6    | -       | 0        | bc           | 64          | 65           | 8                               | 4                | 2                 | 2-3                   | 4-6             | 2500                       | 0           | 2        | cb     | bc      | beybm   | bmo    |       |       |
|                                       | Leuchars                             | 1011.9                        | -4                    | NNW   | 3      | pr       | 59           | 85          | 8            | 8      | -       | -                               | 7-8  | 7-8                                   | 3200                          | 1010.7                | -6    | SW      | 3        | bc           | 65          | 65           | 9                               | 8                | 6                 | -                     | 4-6             | 4-6                        | 3200        | 0        | *      | bccpr   | pradbcv | beybm  | bmo   |       |
| 12                                    | Renfrew (Abbots L.)                  | 1013.0                        | -2                    | WN    | 3      | c        | 63           | 65          | 9            | 8      | 3       | -                               | 4-6  | 9                                     | 3000                          | 1012.2                | -4    | NNW     | 3        | c            | 65          | 55           | 9                               | 8                | 6                 | -                     | 7-8             | 7-8                        | 2500        | 0        | *      | bcc     | cbcc    | beybm  | bmo   |       |
|                                       | Esksdalemuir                         | 1012.2                        | -2                    | NNW   | 2      | c        | 60           | 65          | 8            | 8      | -       | -                               | 9    | 9                                     | 2500                          | 1011.5                | -4    | NW      | 2        | c            | 59          | 65           | 8                               | 5                | -                 | -                     | 9               | 9                          | 2500        | 1        | *      | bcc     | cbcc    | beybm  | bmo   |       |
|                                       | Point of Ayre                        | 1014.2                        | -2                    | NNW   | 3      | bc       | 65           | 65          | 8            | 1      | 4       | -                               | 1    | 2-3                                   | 2500                          | 1013.4                | -4    | NNW     | 4        | b            | 61          | 75           | 8                               | 2                | -                 | -                     | 10              | 10                         | 3000        | 0        | 2      | cb      | bc      | beybm  | bmo   |       |
| 13A                                   | Tiree                                | 1015.0                        | 0                     | NNW   | 2      | bc       | 61           | 75          | 8            | 5      | 3       | -                               | 2-3  | 4-6                                   | 3500                          | 1014.8                | 0     | NW      | 2        | b            | 57          | 85           | 8                               | 1                | -                 | -                     | 1               | 1                          | 3500        | 0        | 3      | bc      | bc      | beybm  | bmo   |       |
| 13B                                   | Stornoway                            | 1014.8                        | +6                    | NE    | 3      | bc       | 55           | 85          | 8            | 5      | 4       | -                               | 4-6  | 4-6                                   | 3500                          | 1014.4                | -4    | NE      | 3        | c            | 57          | 92           | 8                               | 5                | 7                 | -                     | 7-8             | 9+                         | 2500        | 1        | 2      | bc      | bc      | beybm  | bmo   |       |
| 15                                    | Dalwhinnie                           | 1013.0                        | 0                     | SW    | 1      | c        | 62           | 55          | 8            | 2      | 6       | -                               | 4-6  | 7-8                                   | 2500                          | 1013.7                | 0     | NW      | 2        | c            | 57          | 75           | 8                               | 2                | 7                 | -                     | 4-6             | 9+                         | 2500        | 0        | *      | c       | bc      | beybm  | bmo   |       |
|                                       | Aberdeen                             | 1011.5                        | -2                    | NNW   | 4      | bc       | 62           | 55          | 9            | 1      | 4       | -                               | 2-3  | 2-3                                   | 3200                          | 1011.4                | 0     | NNW     | 3        | c            | 58          | 75           | 8                               | 8                | -                 | -                     | 9+              | 9+                         | 2100        | 1        | 2      | rr      | bcy     | beybm  | bmo   |       |
|                                       | Wick                                 | 1012.1                        | +2                    | NW    | 3      | c        | 57           | 85          | 8            | 3      | -       | -                               | 9+   | 9+                                    | 1400                          | 1012.2                | +2    | NNW     | 3        | c            | 57          | 92           | 7                               | 8                | 7                 | -                     | 7-8             | 9+                         | 800         | *        | *      | bccpr   | bccpr   | beybm  | bmo   |       |
| 16                                    | Leewick, Sumburgh                    | 1012.1                        | +10                   | NNE   | 4      | bc       | 59           | 85          | 8            | 8      | 3       | -                               | 4-6  | 4-6                                   | 1600                          | 1011.0                | -2    | NNE     | 3        | c            | 57          | 92           | 8                               | 5                | -                 | -                     | 9+              | 9+                         | 1500        | *        | *      | pr      | pr      | beybm  | bmo   |       |
| 17                                    | Blackod Point                        | 1016.1                        | 0                     | NNW   | 1      | c        | 60           | 75          | 8            | 5      | -       | -                               | 10   | 10                                    | 2500                          | 1015.6                | -2    | NNW     | 2        | c            | 59          | 85           | 8                               | 5                | -                 | -                     | 10              | 10                         | 2500        | 0        | 2      | c       | bc      | beybm  | bmo   |       |
| 18                                    | Malin Head                           | 1015.4                        | +2                    | N     | 1      | bc       | 58           | 75          |              |        |         |                                 |      |                                       |                               |                       |       |         |          |              |             |              |                                 |                  |                   |                       |                 |                            |             |          |        |         |         |        |       |       |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |    |       |       |       |       |       |                                            |       |       |       |       |       |       |       |
|------------------------------------------------------------------------------|----|-------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| 13h. G.M.T. 22nd July 1941                                                   |    |       |       |       |       |       | 01h. G.M.T. 23rd July 1941.....07h. G.M.T. |       |       |       |       |       |       |       |
| III                                                                          | C  | ww    | Vh    | DDFWN | III   | C     | ww                                         | Vh    | DDFWN | III   | C     | ww    | Vh    | DDFWN |
| 109                                                                          | 8  | 02877 | 32387 | 8     | 02837 | 30327 | *                                          | 62528 | 30228 | 5     | 03848 | 20228 |       |       |
| 115                                                                          | 53 | 05834 | 32286 |       |       |       |                                            | 55    | 02844 | 32226 | 52    | 02044 | 32126 |       |
| 203                                                                          | 1  | 01944 | 32314 | 1     | 01953 | 04313 | 5                                          | 01944 | 04114 | 5     | 02838 | 04128 |       |       |
| 206                                                                          | 26 | 07964 | 08225 | 8     | 25965 | 00087 | 80                                         | 01954 | 28184 | 8     | 02765 | 28125 |       |       |
| 210                                                                          | 84 | 82964 | 26227 | 87    | 81955 | 30187 |                                            |       |       | 5     | 02067 | 25227 |       |       |
| 220                                                                          | 83 | 01845 | 28304 | 83    | 01944 | 28315 |                                            |       |       | 13    | 01954 | 15114 |       |       |
| 230                                                                          | 87 | 02955 | 27286 | 24    | 00962 | 26302 | 50                                         | 00821 | 00001 | 5     | 02844 | 00017 |       |       |
| 245                                                                          | 6  | 25955 | 16485 | 83    | 02064 | 11136 | 53                                         | 02265 | 22127 | 50    | 01965 | 20115 |       |       |
| 260                                                                          | 80 | 25965 | 00085 |       |       |       | 50                                         | 01774 | 00014 | 00    | 00850 | 24160 |       |       |
| 277                                                                          |    |       |       |       |       |       |                                            |       |       |       |       |       |       |       |
| 279                                                                          | 80 | 02856 | 20426 | 83    | 02865 | 20315 |                                            |       |       | 5     | 05666 | 22126 |       |       |
| 285                                                                          |    |       |       |       |       |       |                                            |       |       |       |       |       |       |       |
| 288                                                                          | 8  | 02867 | 27227 | 7     | 17685 | 06152 | 50                                         | 05574 | 18124 | 50    | 05643 | 23113 |       |       |
| 273                                                                          |    |       |       |       |       |       |                                            |       |       |       |       |       |       |       |
| 301                                                                          | 8  | 02764 | 26227 | 10    | 00861 | 28211 | 5                                          | 00752 | 30202 | 10    | 01754 | 30214 |       |       |
| 321                                                                          | 87 | 05665 | 18227 | 53    | 05665 | 28127 | 50                                         | 05563 | 27113 | 00    | 05530 | 28100 |       |       |
| 299                                                                          | 57 | 22355 | 22366 |       |       |       | 50                                         | 08443 | 00013 | 00    | 05530 | 00000 |       |       |
| 292                                                                          | 8  | 02957 | 21127 | 80    | 01764 | 04224 | 00                                         | 05570 | 00010 | 50    | 05661 | 20101 |       |       |
| 310                                                                          | -- | 01633 | 24313 |       |       |       |                                            |       |       | --    | 01634 | 26344 |       |       |
| 316                                                                          |    |       |       |       |       |       |                                            |       |       |       |       |       |       |       |
| 333                                                                          | 8  | 01864 | 26314 | 23    | 01852 | 28313 | 00                                         | 47200 | 00000 | 04    | 00700 | 00001 |       |       |
| 334                                                                          | -- | 01773 | 30204 |       |       |       |                                            |       |       | --    | 44473 | 30114 |       |       |
| 340                                                                          | 8  | 02865 | 32115 | 57    | 02865 | 30327 | 00                                         | 05670 | 28210 | 13    | 00831 | 00002 |       |       |
| 136                                                                          | 18 | 02864 | 20215 |       |       |       | 5                                          | 05677 | 32167 | 50    | 05684 | 12114 |       |       |
| 336                                                                          | 51 | 02763 | 28317 | 04    | 01800 | 28312 |                                            |       |       | 00    | 00830 | 32310 |       |       |
| 350                                                                          | 27 | 02754 | 16225 | 27    | 01764 | 02114 | 50                                         | 05664 | 12256 | 03    | 05600 | 28213 |       |       |
| 368                                                                          | 20 | 00853 | 23213 |       |       |       |                                            |       |       |       |       |       |       |       |
| 379                                                                          | 23 | 01864 | 16215 |       |       |       | 00                                         | 05670 | 30310 | 10    | 05655 | 32202 |       |       |
| 390                                                                          | 18 | 01764 | 15225 | 70    | 05664 | 12114 | 50                                         | 05561 | 28111 | 53    | 05635 | 00027 |       |       |
| 382                                                                          | 13 | 01864 | 14215 | 14    | 00861 | 00012 | 50                                         | 05662 | 20202 | 54    | 05665 | 22216 |       |       |
| 438                                                                          |    |       |       |       |       |       |                                            |       |       |       |       |       |       |       |
| 430                                                                          | 26 | 01953 | 09213 | 26    | 00963 | 20213 | 00                                         | 00700 | 00000 | 00    | 05600 | 02200 |       |       |
| 409                                                                          | 20 | 00862 | 02412 | 10    | 01861 | 31413 | 00                                         | 00700 | 31206 | 54    | 00841 | 31202 |       |       |

III

ww, W

h, N

N

C, C<sub>M</sub>

V

DD

-

Present and past weather—See M.O. 252.

-

Total amount of cloud—See M.O. 252.

-

Form of low and medium cloud—See page 1.

-

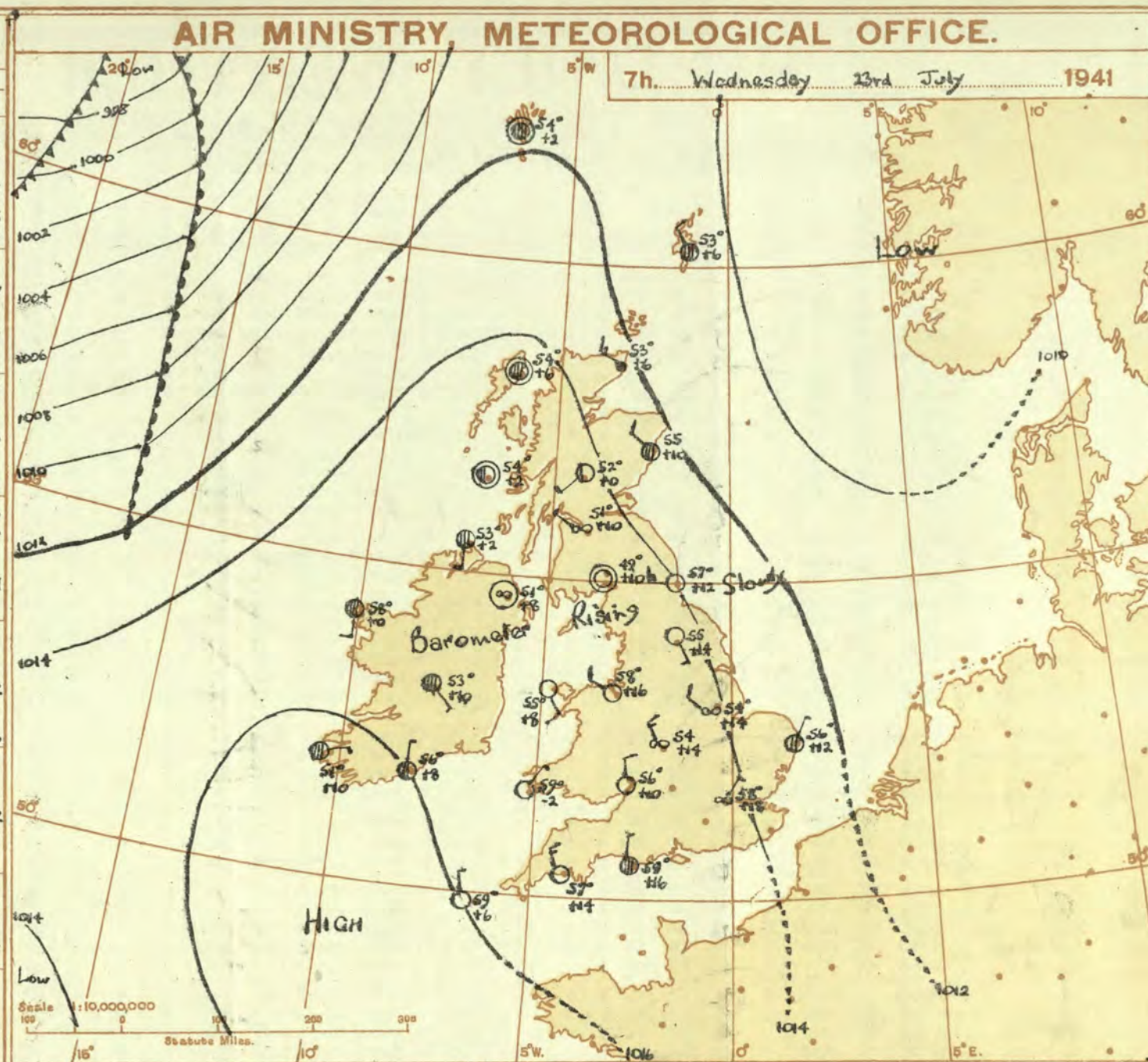
Force of wind—See page 4.

-

Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

Index Number of Station—See M.O. 252 or list issued on 1st of each month.

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, Nh = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, Cx = 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. Wednesday 23rd July 1941                                 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             |                                                                                                                |
| 2 E. England ...                           |                                                                                                                |
| 3 E. Midlands ...                          |                                                                                                                |
| 4 W. Midlands ...                          |                                                                                                                |
| 5 S.W. England                             |                                                                                                                |
| 6 South Wales ...                          |                                                                                                                |
| 7 North Wales ...                          |                                                                                                                |
| 8 N.W. England                             |                                                                                                                |
| 9 N. Midlands ...                          |                                                                                                                |
| 10 N.E. England                            |                                                                                                                |
| 11 S.E. Scotland                           |                                                                                                                |
| 12 S.W. Scotland & Isle of Man.            |                                                                                                                |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. | Light variable winds, becoming SW moderate later.<br>Fair at first, occasional rain later. Average temperature |
| 14 Mid Scotland                            |                                                                                                                |
| 15 N. E. Scotland                          |                                                                                                                |
| 16 Orkneys and Shetlands                   | Light NW wind, backing SW moderate later. Occasional rain or showers. Average temperature or rather cool.      |
| 17 N. W. Ireland                           | As 13A - 14.                                                                                                   |
| 18 N. E. Ireland                           |                                                                                                                |
| 19 S. E. Ireland                           |                                                                                                                |
| 20 S. W. Ireland                           | As 0 - 12.                                                                                                     |

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

**GENERAL INFERENCE.**

A ridge of high pressure over our western districts is spreading eastwards. Troughs of low pressure associated with a depression near Iceland will later approach northwestern districts of the British Isles, giving some rain there. Elsewhere weather will be fair. Temperatures will be generally near average.

**FURTHER OUTLOOK.**

Rain at times in the N and NW.  
 Fair elsewhere.

▲▲▲▲ Cold Front  
 ▲▲▲▲ Warm Front  
 ▲▲▲▲ Occlusion

Forecasts issued at 1030h G.M.T.

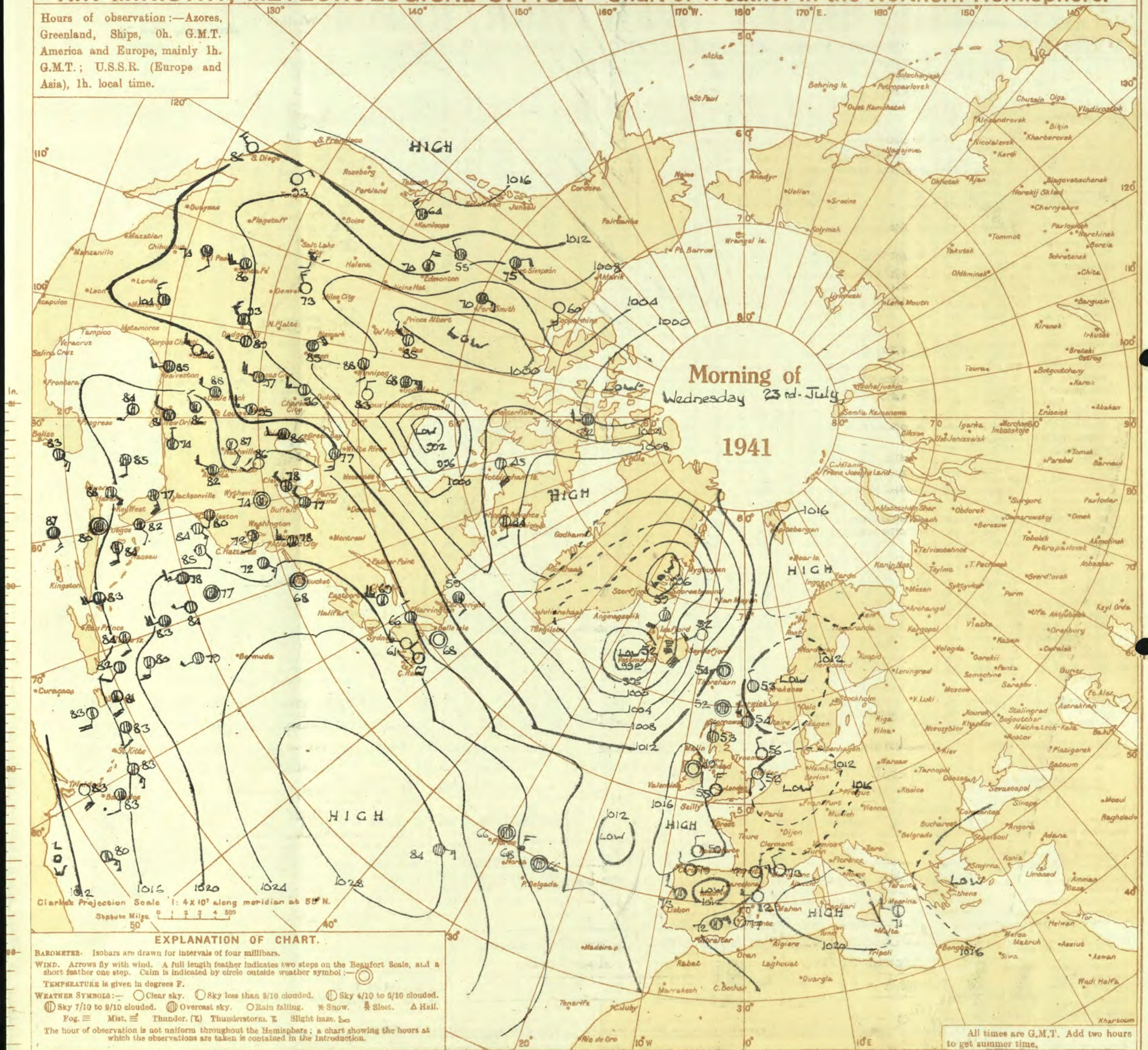
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

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



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

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





# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Wednesday 23rd July 1941  
 No. 29038

| OBSERVATIONS at 1 hr. G.M.T. 23rd July |                             |                              |                          |                        |          |            |              |               |              |                 |           |              |                             |           | OBSERVATIONS at 7 hr. G.M.T. 23rd July |                         |             |            |               |                |               |                  |              |                             |                           |                          |               |               |                            | 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. (6) | Temp. °F. (8) | Humid. % (7) | Visibility. (8) | Cloud.    |              |                             |           | Barom. at M.S.L. mb. (15)              | Change in 3 hours. (16) | Wind.       |            | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud.       |                             |                           |                          | Sea. 0-9 (29) | Sun. 0-9 (30) | TEMPERATURE.               |                        |                     | RAINFALL.             |    | SUN-SHINE 2nd Hrs. (36) |      |      |   |     |  |
|                                        |                             |                              |                          |                        | Dir. (3) | Force. (4) |              |               |              |                 | Form. (9) | Amount. (10) | Height of Base. (feet) (11) | Dir. (17) |                                        |                         | Force. (18) | Form. (23) |               |                |               |                  | Amount. (24) | Height of Base. (feet) (25) | State of Ground. 0-9 (26) | Max. Day 7h-18h °F. (31) |               |               | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) |    |                         |      |      |   |     |  |
|                                        |                             |                              |                          |                        |          |            |              |               |              |                 |           |              |                             |           |                                        |                         |             |            |               |                |               |                  |              |                             |                           |                          |               |               |                            |                        |                     |                       |    |                         |      |      |   |     |  |
| 1                                      | London (Kew) ... 18         | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1014.6    | +2.0                                   | NE                      | 1           | Z          | 60            | 85             | 6             | -                | -            | -                           | -                         | -                        | 74            | 56            | 45                         | -                      | -                   | 4.0                   |    |                         |      |      |   |     |  |
|                                        | Croydon ... 217             | 1011.2                       | +1.0                     | NNE                    | 1        | b          | 55           | 92            | 2            | -               | -         | -            | -                           | 1014.8    | +1.8                                   | NE                      | 1           | Z          | 58            | 92             | 5             | -                | -            | -                           | -                         | -                        | 76            | 53            | 50                         | -                      | -                   | 8.8                   |    |                         |      |      |   |     |  |
|                                        | S. Farnborough ... 226      | 1011.7                       | +1.2                     | WSW                    | 1        | b          | 56           | 92            | 2            | -               | -         | -            | -                           | 1014.8    | +1.8                                   | NW                      | 1           | Z          | 55            | 92             | 6             | -                | -            | -                           | -                         | -                        | 75            | 51            | 43                         | -                      | -                   | 10.5                  |    |                         |      |      |   |     |  |
|                                        | Boscombe Down ... 417       | 1012.7                       | +1.3                     | NW                     | 2        | b          | 56           | 85            | 6            | -               | -         | -            | -                           | 1015.0    | +1.6                                   | NW                      | 2           | Z          | 55            | 85             | 6             | -                | -            | -                           | -                         | -                        | 72            | 50            | 42                         | -                      | -                   | 8.6                   |    |                         |      |      |   |     |  |
|                                        | Thorney Island ... 10       | 1011.0                       | +2                       | NNW                    | 2        | Z          | 57           | 92            | 6            | -               | -         | -            | -                           | 1014.8    | +1.8                                   | NE                      | 2           | Z          | 60            | 75             | 6             | -                | -            | -                           | -                         | -                        | 72            | 54            | 49                         | -                      | -                   | 12.5                  |    |                         |      |      |   |     |  |
|                                        | Lymington ... 346           | 1014.5                       | +2                       | NNE                    | 1        | b          | 52           | 92            | 6            | -               | -         | -            | -                           | 1014.3    | +2.6                                   | NW                      | 1           | Z          | 59            | 92             | 6             | -                | -            | -                           | -                         | -                        | 72            | 50            | 43                         | -                      | -                   | 12.3                  |    |                         |      |      |   |     |  |
|                                        | Manston ... 164             | 1010.4                       | +1                       | N                      | 1        | b          | 56           | 92            | 5            | -               | -         | -            | -                           | 1013.3    | +1.4                                   | NE                      | 1           | Z          | 62            | 92             | 6             | -                | -            | -                           | -                         | -                        | 72            | 53            | 46                         | -                      | -                   | 12.2                  |    |                         |      |      |   |     |  |
| 2                                      | Shoeburyness ... 11         | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1014.3    | +2.2                                   | N                       | 1           | C          | 56            | 92             | 6             | -                | -            | -                           | -                         | -                        | 74            | 52            | 42                         | -                      | -                   | 2.5                   |    |                         |      |      |   |     |  |
|                                        | Felixstowe ... 15           | 1011.2                       | +2                       | N                      | 2        | f          | 57           | 97            | 3            | -               | -         | -            | -                           | 1013.7    | +1.8                                   | N                       | 1           | C          | 58            | 97             | 6             | -                | -            | -                           | -                         | -                        | 76            | 53            | 52                         | -                      | -                   | 2.5                   |    |                         |      |      |   |     |  |
|                                        | Gorleston ... 5             | 1012.0                       | 0                        | -                      | 0        | b          | 58           | 85            | 6            | -               | -         | -            | -                           | 1013.4    | +1.2                                   | NNE                     | 1           | b          | 56            | 92             | 6             | -                | -            | -                           | -                         | -                        | 65            | 53            | 50                         | -                      | -                   | 3.4                   |    |                         |      |      |   |     |  |
|                                        | Mildenhall ... 19           | 1011.2                       | +1.4                     | -                      | 0        | c          | 58           | 97            | 7            | -               | -         | -            | -                           | 1014.0    | +2.2                                   | -                       | 0           | Z          | 56            | 97             | 6             | -                | -            | -                           | -                         | -                        | 75            | 51            | 43                         | -                      | -                   | 3.4                   |    |                         |      |      |   |     |  |
|                                        | Cranwell ... 240            | 1012.1                       | 0                        | W                      | 1        | b          | 56           | 92            | 6            | -               | -         | -            | -                           | 1014.0    | +1.4                                   | NW                      | 2           | Z          | 54            | 85             | 5             | -                | -            | -                           | -                         | -                        | 71            | 52            | 50                         | -                      | -                   | 3.4                   |    |                         |      |      |   |     |  |
| 3                                      | Birmingham ... 535          | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1015.2    | +1.4                                   | NNW                     | 3           | Z          | 54            | 85             | 5             | -                | -            | -                           | -                         | -                        | 73            | 50            | 45                         | -                      | -                   | 8.1                   |    |                         |      |      |   |     |  |
|                                        | Upper Heyford ... 408       | 1012.6                       | +6                       | NNE                    | 2        | Z          | 55           | 92            | 5            | -               | -         | -            | -                           | 1014.5    | +1.4                                   | NW                      | 2           | Z          | 56            | 85             | 6             | -                | -            | -                           | -                         | -                        | 74            | 52            | 45                         | -                      | -                   | 12.0                  |    |                         |      |      |   |     |  |
| 4                                      | Ross-on-Wye ... 223         | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1015.2    | +1.0                                   | NW                      | 2           | b          | 56            | 85             | 5             | -                | -            | -                           | -                         | -                        | 72            | 52            | 45                         | -                      | -                   | 12.0                  |    |                         |      |      |   |     |  |
| 5                                      | Hartland Point ... 299      | 1013.9                       | +6                       | N                      | 3        | b          | 56           | 92            | 8            | -               | -         | -            | -                           | 1014.9    | +8                                     | NNE                     | 3           | b          | 58            | 85             | 8             | -                | -            | -                           | -                         | 4.6                      | 4.6           | 2500          | 0                          | 2                      | 65                  | 55                    | 52 | -                       | -    | 12.6 |   |     |  |
|                                        | Bristol ... 209             | 1013.3                       | +6                       | NNW                    | 2        | Z          | 55           | 85            | 6            | -               | -         | -            | -                           | 1015.2    | +1.4                                   | N                       | 1           | b          | 58            | 85             | 7             | -                | -            | -                           | -                         | 0                        | 4.6           | -             | 0                          | 2                      | 73                  | 63                    | 44 | -                       | -    | 10.2 |   |     |  |
|                                        | Portland Bill ... 32        | 1012.0                       | +4                       | NW                     | 1        | b          | 58           | 92            | 8            | -               | -         | -            | -                           | 1014.0    | +1.6                                   | N                       | 1           | C          | 59            | 92             | 8             | -                | -            | -                           | -                         | 7.8                      | 2.8           | 2500          | 0                          | 2                      | 66                  | 56                    | -  | -                       | 9.2  |      |   |     |  |
|                                        | Plymouth ... 82             | 1013.8                       | +4                       | NNW                    | 1        | b          | 55           | 92            | 8            | -               | -         | -            | -                           | 1015.6    | +1.6                                   | NNW                     | 3           | b          | 59            | 92             | 8             | -                | -            | -                           | -                         | 7.8                      | 2.8           | 2500          | 0                          | 2                      | 63                  | 52                    | 49 | -                       | -    | 12.4 |   |     |  |
|                                        | The Lizard ... 240          | 1014.7                       | +10                      | NNW                    | 2        | b          | 52           | 92            | 8            | -               | -         | -            | -                           | 1016.2    | +6                                     | N                       | 2           | b          | 52            | 92             | 8             | -                | -            | -                           | -                         | 2.3                      | 2.3           | 4000          | 0                          | 2                      | 69                  | 50                    | -  | -                       | 12.4 |      |   |     |  |
|                                        | Scilly (St. Mary's) ... 163 | 1015.3                       | +8                       | N                      | 3        | b          | 55           | 92            | 8            | -               | -         | -            | -                           | 1015.7    | +6                                     | NW                      | 1           | b          | 59            | 92             | 8             | -                | -            | -                           | -                         | 7                        | 7             | 2000          | 0                          | 2                      | 65                  | 54                    | -  | -                       | 12.2 |      |   |     |  |
|                                        | Guernsey ... 175            | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1015.4    | +2                                     | NE                      | 1           | b          | 59            | 92             | 8             | -                | -            | -                           | -                         | 4                        | 4             | -             | 0                          | 2                      | 63                  | 50                    | -  | -                       | 4.5  |      |   |     |  |
| 6                                      | Pembroke ... 142            | 1015.4                       | 0                        | N                      | 3        | b          | 53           | 92            | 8            | -               | -         | -            | -                           | 1015.4    | +2                                     | NE                      | 1           | b          | 59            | 92             | 8             | -                | -            | -                           | -                         | 4                        | 4             | -             | 0                          | 2                      | 65                  | 42                    | 36 | -                       | -    | 4.4  |   |     |  |
| 7                                      | Holyhead (Valley) ... 26    | 1014.2                       | +6                       | NW                     | 1        | b          | 48           | 92            | 7            | -               | -         | -            | -                           | 1014.8    | +8                                     | SSE                     | 2           | b          | 55            | 92             | 9             | -                | -            | -                           | -                         | 7.8                      | 2.8           | 5000          | 0                          | 2                      | 65                  | 48                    | 41 | -                       | -    | 3.9  |   |     |  |
|                                        | Chester (Sealand) ... 16    | 1013.6                       | 0                        | NNW                    | 3        | b          | 53           | 92            | 2            | -               | -         | -            | -                           | 1015.4    | +1.6                                   | NNW                     | 2           | b          | 58            | 92             | 8             | -                | -            | -                           | -                         | 7.8                      | 2.8           | 3500          | 0                          | 2                      | 65                  | 48                    | 32 | -                       | -    | 3.9  |   |     |  |
| 8                                      | Manchester ... 70           | 1013.4                       | 2.2                      | -                      | 0        | f          | 44           | 92            | 3            | -               | -         | -            | -                           | 1015.1    | +1.6                                   | SE                      | 1           | f          | 58            | 97             | 2             | -                | -            | -                           | -                         | 7.8                      | 2.8           | 4500          | 0                          | 2                      | 67                  | 48                    | 32 | -                       | -    | 3.9  |   |     |  |
| 10                                     | Spurn Head ... 29           | 1012.8                       | 0                        | NW                     | 1        | Z          | 56           | 92            | 6            | -               | -         | -            | -                           | 1013.7    | +1.2                                   | WS                      | 1           | Z          | 55            | 92             | 5             | -                | -            | -                           | -                         | 2.3                      | 2.3           | 4000          | 0                          | 2                      | 64                  | 53                    | -  | -                       | 0.3  |      |   |     |  |
|                                        | Catterick ... 175           | 1012.7                       | -2                       | NNW                    | 1        | m          | 54           | 85            | 4            | -               | -         | -            | -                           | 1014.5    | +1.4                                   | SSE                     | 1           | b          | 55            | 85             | 2             | -                | -            | -                           | -                         | 0                        | 0             | -             | 0                          | 2                      | 67                  | 46                    | 37 | -                       | -    | 2.5  |   |     |  |
|                                        | Tynemouth ... 108           | 1013.6                       | 0                        | W                      | 3        | b          | 54           | 85            | 6            | -               | -         | -            | -                           | 1014.8    | +1.2                                   | W                       | 3           | b          | 52            | 85             | 6             | -                | -            | -                           | -                         | 0                        | 1             | -             | 0                          | 2                      | 63                  | 52                    | 48 | -                       | -    | 2.5  |   |     |  |
| 11                                     | St. Abbs Head ... 280       | 1012.3                       | +4                       | NW                     | 2        | c          | 55           | 85            | 7            | -               | -         | -            | -                           | 1013.1    | +1.0                                   | NNW                     | 1           | b          | 55            | 85             | 9             | -                | -            | -                           | -                         | 1                        | 2.3           | 2500          | 0                          | 1                      | 64                  | 51                    | -  | -                       | 6.8  |      |   |     |  |
|                                        | Leuchars ... 36             | 1012.4                       | +2                       | W                      | 1        | c          | 53           | 92            | 9            | -               | -         | -            | -                           | 1013.0    | +8                                     | NNW                     | 1           | b          | 57            | 85             | 8             | -                | -            | -                           | -                         | 0                        | 1             | -             | 0                          | 1                      | 66                  | 49                    | 46 | -                       | -    | 10.9 |   |     |  |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1013.3                       | +6                       | W'S                    | 1        | b          | 49           | 92            | 3            | -               | -         | -            | -                           | 1014.0    | +1.0                                   | NNW                     | 1           | Z          | 51            | 92             | 5             | -                | -            | -                           | -                         | 1                        | 1             | 500           | 0                          | 2                      | 66                  | 44                    | 36 | -                       | -    | 7.0  |   |     |  |
|                                        | Eskdalemuir ... 794         | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1013.0    | +1.0                                   | -                       | 0           | b          | 49            | 85             | 8             | -                | -            | -                           | -                         | 0                        | 0             | -             | 0                          | 3                      | 66                  | 38                    | 30 | -                       | -    | 10.4 |   |     |  |
|                                        | Point of Ayre ... 30        | 1013.8                       | +2                       | NNW                    | 3        | b          | 54           | 97            | 3            | -               | -         | -            | -                           | 1014.4    | +1.4                                   | NNW                     | 3           | b          | 55            | 92             | 8             | -                | -            | -                           | -                         | 1                        | 1             | 1000          | 0                          | 2                      | 66                  | 51                    | -  | -                       | 14.0 |      |   |     |  |
| 13A                                    | Tiree ... 22                | 1014.4                       | -2                       | NW                     | 2        | b          | 54           | 85            | 8            | -               | -         | -            | -                           | 1014.3    | +2                                     | -                       | 0           | b          | 54            | 92             | 8             | -                | -            | -                           | -                         | 2.3                      | 4.6           | 3500          | 0                          | 2                      | 61                  | 49                    | -  | -                       | 13.3 |      |   |     |  |
| 13B                                    | Stornoway ... 80            | 1013.9                       | -4                       | -                      | 0        | c          | 52           | 92            | 7            | -               | -         | -            | -                           | 1014.1    | +6                                     | -                       | 0           | c          | 54            | 92             | 8             | -                | -            | -                           | -                         | 7.8                      | 9.4           | 2500          | 0                          | 2                      | 60                  | 50                    | -  | -                       | 3.3  |      |   |     |  |
| 15                                     | Dalwhinnie ... 1176         | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1013.7    | 0                                      | SW                      | 1           | b          | 52            | 85             | 8             | -                | -            | -                           | -                         | 1                        | 1             | 2500          | 0                          | 2                      | 62                  | 41                    | 33 | -                       | -    | 4.9  |   |     |  |
|                                        | Aberdeen ... 79             | *                            | *                        | *                      | *        | *          | *            | *             | *            | *               | *         | *            | *                           | 1012.7    | +1.0                                   | NW                      | 2           | cjp        | 55            | 92             | 8             | -                | -            | -                           | -                         | 9                        | 9             | 1500          | 0                          | 1                      | 63                  | 52                    | 48 | -                       | -    | 4.9  |   |     |  |
|                                        | Wick ... 183                | 1012.3                       | -4                       | NW                     | 3        | c          | 53           | 85            | 6            | -               | -         | -            | -                           | 1012.6    | +6                                     | NNW                     | 2           | c          | 53            | 92             | 8             | -                | -            | -                           | -                         | 9                        | 9             | 500           | 0                          | 2                      | 60                  | 52                    | -  | -                       | 4.9  |      |   |     |  |
| 16                                     | Lerwick Sumburgh ... 156    | 1010.4                       | -2                       | NNW                    | 2        | c          | 53           | 97            | 7            | -               | -         | -            | -                           | 1010.7    | +6                                     | NNW                     | 2           | c          | 53            | 92             | 8             | -                | -            | -                           | -                         | 9                        | 9             | 600           | 0                          | 2                      | 60                  | 52                    | -  | -                       | 4.9  |      |   |     |  |
| 17                                     | Blackod Point ... 18        | 1015.3                       | -6                       | -                      | 0        | b          | 57           | 92            | 7            | -               | -         | -            | -                           | 1014.4    | 0                                      | S                       | 2           | c          | 58            | 92             | 8             | -                | -            | -                           | -                         | 10                       | 10            | 1500          | 0                          | 2                      | 64                  | 50                    | -  | -                       | 11.4 |      |   |     |  |
| 18                                     | Malin Head ... 84           | 1014.9                       | -6                       | N                      | 1        | c          | 53           | 85            | 8            | -               | -         | -            | -                           | 1014.8    | +2                                     | S                       | 1           | c          | 53            | 92             | 8             | -                | -            | -                           | -                         | 9                        | 9             | 1500          | 0                          | 2                      | 59                  | 47                    | -  | -                       | 2.4  |      |   |     |  |
|                                        | Aldergrove ... 268          | 1015.2                       | 0                        | -                      | 0        | f          | 44           | 92            | 2            | -               | -         | -            | -                           | 1015.4    | +8                                     | -                       | 0           | Z          | 51            | 97             | 6             | -                | -            | -                           | -                         | 7.4                      | 7.4           | 3000          | 0                          | 2                      | 65                  | 41                    | 36 | -                       | -    | 2.4  |   |     |  |
| 19                                     | Birr Castle ... 173         | 1015.4                       | +2                       | W                      | 1        | c          | 55           | 85            | 8            | -               | -         | -            | -                           | 1015.9    | +1.0                                   | SE                      | 1           | c          | 53            | 97             | 8             | -                | -            | -                           | -                         | 5                        | 5             | 2.3           | 2.3                        | 2500                   | 0                   | 2                     | 66 | 47                      | 43   | -    | - | 3.7 |  |
| 20                                     | Valentia Obay. ... 30       | 1016.9                       | -2                       | -                      | 0        | b          | 49           | 92            | 8            | -               | -         | -            | -                           | 1016.4    | +1.0                                   | NE/E                    | 1           | c          | 51            | 97             | 8             | -                | -            | -                           | -                         | 5                        | 5             | 9.4           | 9.4                        | 4000                   | 0                   | 3                     | 63 | 47                      | 43   | -    | - | 0.8 |  |
|                                        | Roches Point ... 22         | 1015.6                       | +1                       | NNW                    | 3        | e          | 58           | 85            | 8            | -               | -         | -            | -                           | 1016.0    | +8                                     | N                       | 1           | b          | 56            | 95             | 8             | -                | -            | -                           |                           |                          |               |               |                            |                        |                     |                       |    |                         |      |      |   |     |  |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

# SECRET

 Thursday 24th July 1941  
 No. 23093

| OBSERVATIONS at 13h. G.M.T. 23rd July |                                      |                         |                              |               |                       |                 |                     |                    |                           |              |                                                     |                                         |               | OBSERVATIONS at 18h. G.M.T. 23rd July               |                          |                               |                                        |                             |                  |                      |                     |                            |                              |                                 |                            |         |          | PAST 24 HOURS.                     |                     |          |        |        |        |        |        |        |
|---------------------------------------|--------------------------------------|-------------------------|------------------------------|---------------|-----------------------|-----------------|---------------------|--------------------|---------------------------|--------------|-----------------------------------------------------|-----------------------------------------|---------------|-----------------------------------------------------|--------------------------|-------------------------------|----------------------------------------|-----------------------------|------------------|----------------------|---------------------|----------------------------|------------------------------|---------------------------------|----------------------------|---------|----------|------------------------------------|---------------------|----------|--------|--------|--------|--------|--------|--------|
| District.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>M.S.L.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.         |                       | Weather.<br>(5) | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-9<br>(8) | Cloud.       |                                                     |                                         |               |                                                     | Barom.<br>M.S.L.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.                                  |                             | Weather.<br>(18) | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-9<br>(22) | Cloud.                       |                                 |                            |         |          | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER. |        |        |        |        |        |        |
|                                       |                                      |                         |                              | Direc.<br>(3) | Force.<br>0-12<br>(4) |                 |                     |                    |                           | Form.<br>(9) | Amount.<br>Low 0-10<br>Total 0-10<br>(11) (12) (13) | Height<br>of<br>Base.<br>(feet)<br>(14) | Form.<br>(23) | Amount.<br>Low 0-10<br>Total 0-10<br>(25) (26) (27) |                          |                               | Height<br>of<br>Base<br>(feet)<br>(28) | 7h.—13h.<br>..23rd.<br>(37) |                  |                      |                     |                            | 13h.—18h.<br>..23rd.<br>(38) | 18h.23rd to<br>1h.—24th<br>(39) | 1h.—7h.<br>..24th.<br>(40) |         |          |                                    |                     |          |        |        |        |        |        |        |
|                                       |                                      |                         |                              |               |                       |                 |                     |                    |                           |              |                                                     |                                         |               |                                                     |                          |                               |                                        |                             |                  |                      |                     |                            |                              |                                 |                            |         |          |                                    |                     |          |        |        |        |        |        |        |
| 1                                     | London (Kew)...                      | 1015.9                  | +4                           | WSW           | 1                     | bc              | 71                  | SS                 | 7                         | 8            | -                                                   | -                                       | 4-6 4-6       | 4000                                                | 1016.0                   | -2                            | SW                                     | 2                           | bc               | 73                   | SS                  | 7                          | 8                            | -                               | -                          | 2-3 2-3 | 2500     | 1                                  | *                   | bczwbcy  | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Croydon ...                          | 1015.7                  | +2                           | SE            | 1                     | bc              | 73                  | SS                 | 7                         | 3            | -                                                   | -                                       | 4-6 4-6       | 4000                                                | 1015.8                   | -2                            | SSW                                    | 1                           | bc               | 72                   | SS                  | 7                          | 2                            | 6                               | 2                          | 2-3 2-3 | 4000     | 0                                  | *                   | cbccz.   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | S. Farnborough                       | 1015.8                  | +2                           | NW            | 2                     | z.              | 71                  | SS                 | 7                         | 2            | -                                                   | -                                       | 4-6 4-6       | 3100                                                | 1015.8                   | -2                            | -                                      | 0                           | z.               | 71                   | SS                  | 7                          | 8                            | -                               | 1                          | 7-8 7-8 | 3000     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Boscombe Down                        | 1016.4                  | +4                           | NNW           | 2                     | c               | 69                  | SS                 | 7                         | 1            | -                                                   | -                                       | 7-8 7-8       | 4000                                                | 1016.1                   | -2                            | SSW                                    | 2                           | z.               | 67                   | SS                  | 6                          | 1                            | 3                               | -                          | 1       | 2-3 4000 | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Thorney Island                       | 1016.5                  | +0                           | S             | 3                     | bc              | 69                  | SS                 | 7                         | 2            | -                                                   | -                                       | 1 2-3         | 4000                                                | 1016.5                   | 0                             | S                                      | 2                           | bc               | 64                   | SS                  | 7                          | -                            | -                               | 6                          | 0 2-3   | -        | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Lympne ...                           | 1017.2                  | +0                           | SSE           | 2                     | bc              | 66                  | SS                 | 7                         | 2            | 6                                                   | -                                       | 2-3 4-6       | 4000                                                | 1017.3                   | 0                             | SE                                     | 2                           | bc               | 62                   | SS                  | 8                          | -                            | -                               | 8                          | 0 4-6   | -        | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Manston ...                          | 1016.6                  | +4                           | SE/E          | 1                     | c               | 69                  | SS                 | 7                         | 1            | 6                                                   | -                                       | 4-6 7-8       | 3000                                                | 1017.2                   | +2                            | SSE                                    | 2                           | bc               | 63                   | SS                  | 7                          | 4                            | -                               | 1                          | 1 2-3   | 4500     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
| 2                                     | Shoeburyness ...                     | 1016.4                  | +2                           | SE            | 2                     | bc              | 67                  | SS                 | 7                         | 8            | -                                                   | -                                       | 2-3 2-3       | 4000                                                | 1016.2                   | -6                            | SE                                     | 3                           | bc               | 69                   | SS                  | 8                          | 8                            | -                               | -                          | 2-3 2-3 | 4000     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Felixstowe ...                       | 1016.1                  | +10                          | SE            | 3                     | c               | 66                  | SS                 | 7                         | 4            | -                                                   | -                                       | 7-8 7-8       | 5000                                                | 1016.3                   | +2                            | S                                      | 3                           | b                | 65                   | SS                  | 8                          | -                            | -                               | 1                          | 0 Tr    | -        | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Gorleston ...                        | 1016.3                  | +10                          | SE/S          | 2                     | bc              | 68                  | SS                 | 6                         | 7            | -                                                   | -                                       | 4-6 4-6       | 2500                                                | 1017.4                   | +2                            | SE/S                                   | 2                           | bc               | 63                   | SS                  | 7                          | 2                            | -                               | -                          | 4-6 4-6 | 2500     | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Mildenhall ...                       | 1015.6                  | +4                           | W/S           | 2                     | bc              | 71                  | SS                 | 7                         | 2            | -                                                   | -                                       | 4-6 4-6       | 3000                                                | 1015.6                   | 0                             | W/S                                    | 2                           | bc               | 72                   | SS                  | 7                          | 2                            | -                               | 1                          | 1 2-3   | 3000     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Cranwell ...                         | 1015.1                  | -4                           | SSE           | 2                     | z.              | 70                  | SS                 | 6                         | 2            | -                                                   | -                                       | 7-8 7-8       | 2500                                                | 1015.1                   | -2                            | SW                                     | 2                           | b                | 70                   | SS                  | 7                          | 2                            | -                               | 1                          | 1       | 3000     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
| 3                                     | Birmingham                           | 1015.5                  | +4                           | NW            | 1                     | bc              | 68                  | SS                 | 8                         | 1            | -                                                   | -                                       | 4-6 4-6       | 4000                                                | 1015.8                   | 0                             | SW                                     | 1                           | b                | 70                   | SS                  | 8                          | 7                            | -                               | 1                          | Tr      | 1        | 4000                               | 1                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 4                                     | Upper Heyford                        | 1015.7                  | 0                            | W/N           | 1                     | bc              | 71                  | SS                 | 7                         | 2            | -                                                   | -                                       | 4-6 4-6       | 3500                                                | 1015.4                   | -2                            | W/N                                    | 1                           | b                | 70                   | SS                  | 8                          | 1                            | -                               | 5                          | Tr      | 1        | 3100                               | 0                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Ross-on-Wye ...                      | 1016.0                  | +4                           | E             | 2                     | bc              | 68                  | SS                 | 9                         | 1            | -                                                   | -                                       | 6 2-3 4-6     | 4000                                                | 1015.4                   | 0                             | E                                      | 2                           | b                | 71                   | SS                  | 8                          | 1                            | -                               | 5                          | Tr      | 1        | 4000                               | 0                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 5                                     | Hartland Point                       | 1016.6                  | +2                           | N             | 2                     | c               | 62                  | SS                 | 8                         | 1            | 4                                                   | 8                                       | 2-3 7-8       | 3800                                                | 1016.3                   | -6                            | N                                      | 2                           | bc               | 61                   | SS                  | 8                          | 1                            | 4                               | -                          | Tr      | 2-3      | 2500                               | 0                   | 2        | *      | bczbcy | bczbcy | bczbcy | bczbcy |        |
|                                       | Bristol ...                          | 1016.6                  | +2                           | -             | 0                     | c               | 69                  | SS                 | 8                         | 1            | -                                                   | 3                                       | 2-3 7-8       | 4000                                                | 1016.2                   | -2                            | W                                      | 1                           | bc               | 70                   | SS                  | 8                          | -                            | 4                               | 9                          | 0 2-3   | -        | 0                                  | 3                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Portland Bill ...                    | 1016.0                  | +2                           | SW            | 1                     | c               | 63                  | SS                 | 8                         | 5            | -                                                   | -                                       | 7-8 7-8       | 2500                                                | 1016.2                   | +4                            | SW                                     | 1                           | c                | 61                   | SS                  | 8                          | 5                            | -                               | -                          | 7-8 7-8 | 2500     | 0                                  | 3                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Plymouth ...                         | 1017.1                  | +8                           | SW            | 3                     | z.              | 65                  | SS                 | 6                         | 7            | -                                                   | 2                                       | 1 7-8         | 4000                                                | 1016.7                   | -2                            | SW                                     | 3                           | b                | 63                   | SS                  | 7                          | -                            | 3                               | -                          | 0 Tr    | -        | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | The Lizard ...                       | 1017.1                  | +4                           | SWW           | 2                     | bc              | 67                  | SS                 | 8                         | 7            | 6                                                   | -                                       | 4-6 4-6       | 4000                                                | 1016.3                   | -2                            | WNW                                    | 1                           | bc               | 65                   | SS                  | 8                          | 7                            | 6                               | -                          | 2-3 2-3 | 4000     | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Soilly (St. Mary's)                  | 1017.5                  | +4                           | NW            | 1                     | c               | 64                  | SS                 | 8                         | 8            | 4                                                   | 3                                       | 4-6 9+        | 1800                                                | 1016.6                   | -6                            | WNW                                    | 2                           | bc               | 66                   | SS                  | 8                          | 8                            | 4                               | 2                          | Tr      | 4-6      | 1800                               | 0                   | 2        | *      | bczbcy | bczbcy | bczbcy | bczbcy |        |
|                                       | Guernsey ...                         | 1017.5                  | +4                           | NW            | 1                     | c               | 64                  | SS                 | 8                         | 8            | 4                                                   | 3                                       | 4-6 9+        | 1800                                                | 1016.6                   | -6                            | WNW                                    | 2                           | bc               | 66                   | SS                  | 8                          | 8                            | 4                               | 2                          | Tr      | 4-6      | 1800                               | 0                   | 2        | *      | bczbcy | bczbcy | bczbcy | bczbcy |        |
| 6                                     | Pembroke ...                         | 1017.3                  | +20                          | WSW           | 2                     | bc              | 62                  | SS                 | 8                         | 2            | 6                                                   | 9                                       | 2-3 4-6       | 3500                                                | 1016.5                   | -6                            | W/N                                    | 3                           | bc               | 62                   | SS                  | 8                          | 1                            | 6                               | -                          | 2-3 4-6 | 3500     | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 7                                     | Holyhead (Valley)                    | 1016.4                  | +6                           | SW            | 3                     | bc              | 63                  | SS                 | 9                         | 2            | 4                                                   | 6                                       | 2-3 4-6       | 3000                                                | 1015.8                   | -4                            | SW                                     | 3                           | bc               | 60                   | SS                  | 9                          | 5                            | 6                               | 3                          | 2-3 4-6 | 7200     | 0                                  | 1                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Chester (Sealand)                    | 1015.7                  | +2                           | NW            | 2                     | bc              | 67                  | SS                 | 8                         | 1            | 4                                                   | 6                                       | 4-6 4-6       | 3000                                                | 1015.6                   | -2                            | NW                                     | 3                           | bc               | 66                   | SS                  | 8                          | 4                            | 4                               | 5                          | 2-3 4-6 | 3500     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
| 8                                     | Manchester ...                       | 1015.9                  | +2                           | W/S           | 3                     | c               | 69                  | SS                 | 8                         | 1            | 4                                                   | 6                                       | 4-6 7-8       | 3500                                                | 1015.9                   | 0                             | NW                                     | 3                           | bc               | 67                   | SS                  | 8                          | -                            | 3                               | 6                          | 0 2-3   | -        | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
| 10                                    | Spurn Head ...                       | 1014.7                  | 0                            | E/S           | 2                     | z.              | 62                  | SS                 | 6                         | 2            | 6                                                   | -                                       | 4-6 7-8       | 4000                                                | 1015.3                   | 0                             | ESE                                    | 3                           | c                | 59                   | SS                  | 6                          | 8                            | 7                               | -                          | 4-6 7-8 | 4000     | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Catterick ...                        | 1014.1                  | -2                           | W/S           | 2                     | c               | 72                  | SS                 | 8                         | 2            | -                                                   | 6                                       | 4-6 7-8       | 3500                                                | 1015.2                   | +6                            | W/S                                    | 2                           | bc               | 65                   | SS                  | 9                          | 1                            | 3                               | 1                          | Tr      | 4-6      | 3500                               | 0                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Tynemouth ...                        | 1015.0                  | 0                            | SSE           | 3                     | bc              | 60                  | SS                 | 8                         | 8            | 4                                                   | 2                                       | 2-3 4-6       | 2800                                                | 1015.5                   | -4                            | SE                                     | 3                           | c                | 59                   | SS                  | 7                          | 8                            | 3                               | -                          | 4-6 7-8 | 2800     | 0                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 11                                    | St. Abbs Head                        | 1013.8                  | 0                            | ESE           | 2                     | c               | 61                  | SS                 | 9                         | 8            | 4                                                   | 9                                       | 4-6 7-8       | 2500                                                | 1014.1                   | 0                             | SE                                     | 1                           | c                | 57                   | SS                  | 9                          | 8                            | 3                               | -                          | 4-6 9   | 2500     | 0                                  | 1                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Leuchars ...                         | 1013.4                  | +2                           | SW            | 3                     | c               | 66                  | SS                 | 7                         | 1            | 7                                                   | 6                                       | 4-6 7-8       | 3200                                                | 1013.6                   | +6                            | SWW                                    | 2                           | c                | 64                   | SS                  | 8                          | 5                            | 7                               | -                          | Tr      | 10       | 3100                               | 0                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 12                                    | Benbow (Abbots L)                    | 1014.5                  | +4                           | WSW           | 3                     | c               | 64                  | SS                 | 9                         | 7            | 7                                                   | 6                                       | 4-6 9+        | 3000                                                | 1014.7                   | 0                             | SWW                                    | 2                           | c                | 60                   | SS                  | 9                          | 5                            | 7                               | 8                          | 4-6 9+  | 6000     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Eskdalemuir ...                      | 1014.0                  | +2                           | SWW           | 3                     | bc              | 62                  | SS                 | 8                         | 7            | 7                                                   | 1                                       | 2-3 4-6       | 4000                                                | 1014.6                   | +4                            | WSW                                    | 4                           | c                | 59                   | SS                  | 8                          | 7                            | 7                               | -                          | 2-3 9+  | 4000     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
|                                       | Point of Ayre ...                    | 1016.0                  | +2                           | N             | 1                     | c               | 63                  | SS                 | 8                         | 1            | 4                                                   | 6                                       | Tr            | 3                                                   | 2500                     | 1015.8                        | 0                                      | -                           | 0                | c                    | 59                  | SS                         | 8                            | 4                               | 7                          | -       | Tr       | 9+                                 | 3000                | 0        | 0      | *      | bczbcy | bczbcy | bczbcy | bczbcy |
| 13A                                   | Tiree ...                            | 1014.0                  | 0                            | S             | 3                     | c               | 59                  | SS                 | 8                         | 5            | -                                                   | -                                       | 9+            | 9+                                                  | 2500                     | 1013.8                        | 0                                      | S                           | 2                | c                    | 57                  | SS                         | 9                            | 7                               | -                          | 9+      | 9+       | 2100                               | 0                   | 3        | *      | bczbcy | bczbcy | bczbcy | bczbcy |        |
| 13B                                   | Stornoway ...                        | 1013.3                  | -4                           | SSE           | 4                     | c               | 57                  | SS                 | 8                         | 5            | 7                                                   | 9                                       | 4-6 9         | 2500                                                | 1013.6                   | +2                            | SSE                                    | 2                           | c                | 55                   | SS                  | 9                          | 7                            | 8                               | -                          | 7-8 10  | 1800     | 1                                  | 2                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 15                                    | Dalwhinnie ...                       | 1014.2                  | +8                           | SWW           | 1                     | c               | 62                  | SS                 | 8                         | 2            | -                                                   | 5                                       | 2-3 7-8       | 2500                                                | 1014.0                   | +6                            | SW                                     | 1                           | c                | 56                   | SS                  | 8                          | 8                            | 7                               | -                          | 1       | 10       | 2500                               | 0                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Aberdeen ...                         | 1015.7                  | +4                           | SEE           | 3                     | c               | 61                  | SS                 | 8                         | 8            | -                                                   | -                                       | 7-8 7-8       | 2200                                                | 1014.3                   | +14                           | S                                      | 3                           | c                | 56                   | SS                  | 8                          | 5                            | 3                               | -                          | 4-6 9+  | 3500     | 1                                  | 1                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
|                                       | Wick ...                             | 1013.4                  | +2                           | NE            | 3                     | PR              | 57                  | SS                 | 9                         | 5            | -                                                   | -                                       | 9+            | 2000                                                | 1014.2                   | +6                            | SE                                     | 3                           | c                | 55                   | SS                  | 8                          | 5                            | 3                               | 6                          | 2-3 9+  | 2500     | 0                                  | *                   | bczbcy   | bczbcy | bczbcy | bczbcy |        |        |        |
| 16                                    | Lerwick Sumburgh                     | 1012.4                  | +10                          | NW            | 3                     | id.             | SS                  | SS                 | 7                         | 5            | 7                                                   | -                                       | 9             | 10                                                  | 800                      | 1013.5                        | -10                                    | W                           | 3                | c                    | 54                  | SS                         | 9                            | 5                               | -                          | 3+      | 10       | 2500                               | *                   | *        | bczbcy | bczbcy | bczbcy | bczbcy |        |        |
| 17                                    | Blacksod Point...                    | 1013.91                 |                              |               |                       |                 |                     |                    |                           |              |                                                     |                                         |               |                                                     |                          |                               |                                        |                             |                  |                      |                     |                            |                              |                                 |                            |         |          |                                    |                     |          |        |        |        |        |        |        |

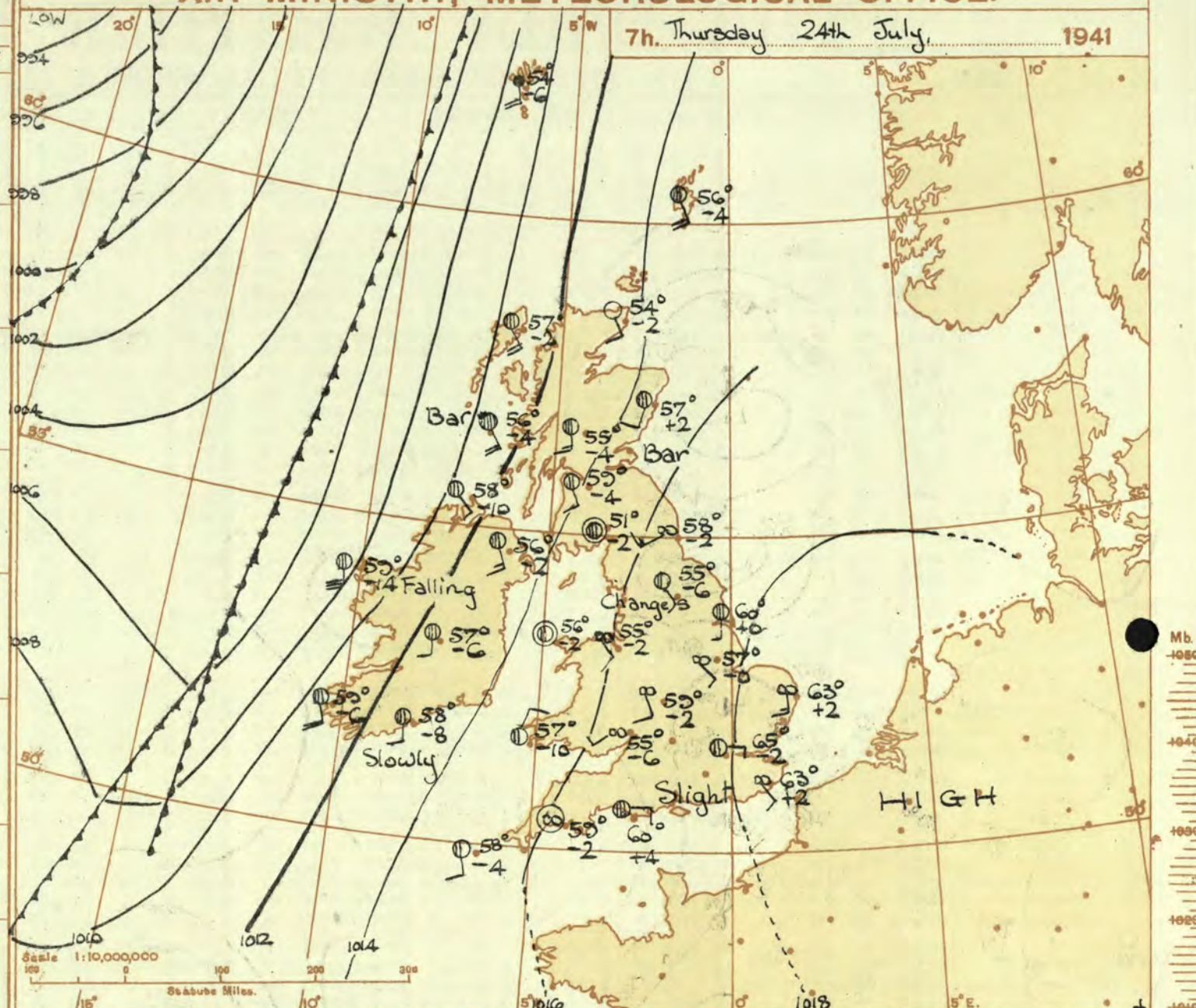


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T. 23rd July.....18h. G.M.T. |                |                    |       | 01h. G.M.T. 24th July.....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 |
| 109                                   |                |                    |       | 57                                    | 0-854              | 06124 | 5-             | 61768              | 12328 |
| 115                                   | 52             | 02844              | 24227 | 53                                    | 02844              | 22327 | 52             | 62735              | 12288 |
| 203                                   | 5-             | 03538              | 16228 |                                       |                    |       |                | 8-                 | 247   |
| 206                                   | 28             | 01963              | 12224 | 87                                    | 02964              | 18-28 | 57             | 02864              | 32125 |
| 210                                   | 20             | 01963              | 31225 | 07                                    | 8-865              | 09328 | 52             | 02864              | 20127 |
| 220                                   | 57             | 02854              | 16327 | 52                                    | 63635              | 16268 |                | 51                 | 02844 |
| 230                                   | 83             | 02855              | 22228 | 57                                    | 02952              | 21128 | 52             | 02757              | 32128 |
| 245                                   | 48             | 02755              | 11315 | 27                                    | 02757              | 12327 | 57             | 02763              | 20127 |
| 260                                   | 26             | 01863              | 22314 | 77                                    | 02865              | 22318 | 50             | 01765              | 00015 |
| 277                                   |                |                    |       |                                       |                    |       |                | 73                 | 02863 |
| 279                                   | 74             | 02862              | 21315 | 45                                    | 02961              | 20327 |                | 03                 | 05690 |
| 285                                   | 16             | 01854              | 20414 |                                       |                    |       |                |                    | 08115 |
| 288                                   | 70             | 01864              | 18315 | 77                                    | 01863              | 20313 | 50             | 05667              | 19113 |
| 273                                   |                |                    |       |                                       |                    |       |                | 03                 | 01890 |
| 301                                   | 10             | 01851              | 28213 | 03                                    | 02990              | 28115 | 03             | 05690              | 12113 |
| 321                                   | 80             | 01754              | 28114 | 03                                    | 05690              | 20313 | 07             | 05690              | 00014 |
| 299                                   |                |                    |       | 70                                    | 01753              | 10313 | 00             | 05690              | 00000 |
| 292                                   | 10             | 01963              | 28114 | 40                                    | 05662              | 10312 | 50             | 01763              | 00013 |
| 310                                   | --             | 01634              | 24314 |                                       |                    |       |                | --                 | 01644 |
| 316                                   |                |                    |       |                                       |                    |       |                |                    | 08214 |
| 338                                   | 8-             | 02966              | 18316 | 10                                    | 00961              | 20211 | 5-             | 01774              | 00014 |
| 334                                   | --             | 02774              | 30216 | --                                    | 01773              | 24213 |                |                    | 53    |
| 340                                   | 10             | 01863              | 29204 | 10                                    | 01963              | 18213 | 53             | 05663              | 00014 |
| 136                                   |                |                    |       | 10                                    | 00762              | 09212 | 00             | 05690              | 12301 |
| 336                                   | 13             | 01862              | 20314 | 04                                    | 01890              | 16313 |                |                    | 53    |
| 350                                   | 10             | 01753              | 30214 | 00                                    | 00790              | 18201 | 00             | 05690              | 00000 |
| 368                                   | 20             | 02762              | 20327 |                                       |                    |       |                | 07                 | 05690 |
| 379                                   |                |                    |       | 20                                    | 01862              | 18202 | 50             | 01763              | 16213 |
| 390                                   | 8-             | 02765              | 00015 | 20                                    | 05663              | 14113 | 00             | 05690              | 00000 |
| 382                                   |                |                    |       | 40                                    | 00861              | 00002 | 04             | 05690              | 00004 |
| 438                                   | 50             | 43571              | 12101 |                                       |                    |       |                | 55                 | 02743 |
| 430                                   | 20             | 00762              | 16403 | 00                                    | 01790              | 16314 | 00             | 05690              | 00000 |
| 409                                   | 10             | 02861              | 30216 | 61                                    | 31223              | 16566 | 04             | 00890              | 00012 |

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.



DISTRICTS.

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

|                                           |                                                                                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|
| 1 S.E. England                            | Light or moderate southerly wind; fine; warmer.                                         |
| 2 E. England ...                          |                                                                                         |
| 3 E. Midlands ...                         |                                                                                         |
| 4 W. Midlands ...                         |                                                                                         |
| 5 S.W. England                            | Light or moderate S. or S.E. wind; fair; rather warm.                                   |
| 6 South Wales ...                         |                                                                                         |
| 7 North Wales ...                         |                                                                                         |
| 8 N.W. England                            |                                                                                         |
| 9 N. Midlands ...                         | As. 1-4.                                                                                |
| 10 N.E. England                           |                                                                                         |
| 11 S.E. Scotland                          | As 5-7.                                                                                 |
| 12 S.W. Scotland & Isle of Man.           | Moderate or fresh S. wind; cloudy. slight local rain; rather warm.                      |
| 13 { A.W. Scotl.<br>B.N.W. Scot-<br>land. | Moderate or fresh S. wind strong locally; cloud; occasional rain; average temperature.. |
| 14 Mid Scotland                           |                                                                                         |
| 15 N. E. Scotland                         | As 12.                                                                                  |
| 16 Orkneys and Shetlands                  |                                                                                         |
| 17 N. W. Ireland                          | As 13A-14.                                                                              |
| 18 N. E. Ireland                          | As 12.                                                                                  |
| 19 S. E. Ireland                          |                                                                                         |
| 20 S. W. Ireland                          | As 13A-14.                                                                              |

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND, WEATHER SYMBOLS. For explanation see opposite page.

SEA DISTURBANCE. Rough, High.

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

GENERAL INFERENCE.

A complex trough of low pressure is advancing slowly from west but weather will remain fair except in the extreme W. and N.W. Temperature will rise.

FURTHER OUTLOOK.

Unsettled in the west, mainly fair and warm in the East but becoming thundery later.

Warm front  
Cold front  
Occlusion.

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

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

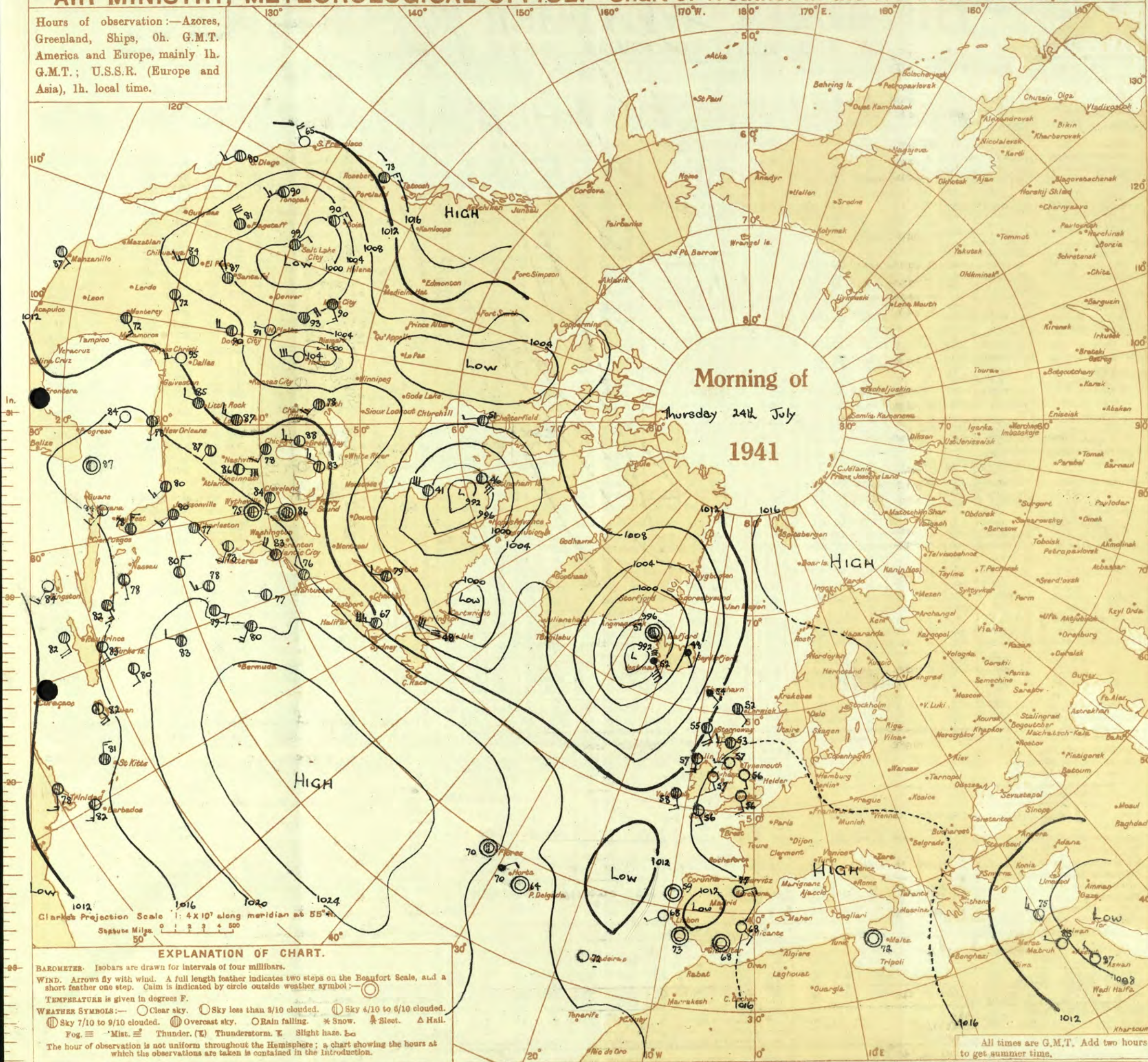
H.M.S.O. Press, Cornwall House, S.E.1.

G.266 Ws. 0176, 0.6034 Op. 049, 3300, 5/41



# 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 July |                             |                              |                          |                        |       |                 |          |               |              |                     |        |              |                             | OBSERVATIONS at 7 hr. G.M.T. 24th July |                  |                           |                         |       |              |          |                |               |                      |                             |                           |                          |                            | 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.                      |                           |                          |                            |                        | Sea. 0-9 (29) | TEMPERATURE.        |                       |          |           | RAINFALL. |               | SUNSHINE 24th hr. (36) |                 |
|                                        |                             |                              |                          |                        | 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) | State of Ground. 0-9 (30) | 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 0-10 (12) |                        | Total 0-10 (13) |
| 1                                      | London (Kew) ... 18         | 217                          | 1017.7                   | +6                     | S     | 2               | b        | 56            | 92           | 6                   | -      | -            | -                           | -                                      | 1017.4           | +4                        | SW                      | 1     | bc           | 60       | 85             | 6             | 5                    | 3                           | 2                         | 3                        | 4                          | 6                      | 4000          | 1                   | 74                    | 53       | 43        | -         | -             | 9.9                    |                 |
|                                        | Croydon ... 217             | 1017.7                       | +6                       | S                      | 2     | b               | 56       | 92            | 6            | -                   | -      | -            | -                           | -                                      | 1017.3           | -2                        | E                       | 1     | bc           | 65       | 75             | 6             | -                    | 4                           | 1                         | 0                        | 4                          | 6                      | -             | 76                  | 54                    | 52       | -         | -         | 9.4           |                        |                 |
|                                        | S. Farnborough ... 226      | 1017.6                       | -6                       | SE                     | 3     | b               | 56       | 92            | 6            | -                   | -      | -            | -                           | -                                      | 1017.7           | +6                        | SSE                     | 1     | bc           | 56       | 97             | 5             | 5                    | 3                           | -                         | 4                        | 6                          | 9                      | 1000          | 0                   | 74                    | 55       | 45        | -         | 0.2           | 7.4                    |                 |
|                                        | Boscombe Down ... 417       | 1017.6                       | +4                       | SE                     | 2     | b               | 52       | 97            | 4            | -                   | -      | -            | -                           | -                                      | 1017.3           | +2                        | SSE                     | 2     | bc           | 54       | 97             | 2             | -                    | -                           | -                         | 10                       | 10                         | 150                    | 1             | 73                  | 49                    | 44       | -         | Tr        | 7.7           |                        |                 |
|                                        | Thorney Island ... 10       | 1017.5                       | +2                       | E                      | 2     | F               | 59       | 97            | 1            | -                   | -      | -            | 10                          | 10                                     | 150              | 1017.4                    | -6                      | E     | 2            | bc       | 58             | 97            | 4                    | 5                           | -                         | -                        | 10                         | 10                     | 220           | 0                   | 71                    | 56       | 54        | -         | Tr            | 7.7                    |                 |
|                                        | Lymington ... 346           | 1018.7                       | +2                       | -                      | 0     | z               | 56       | 97            | 5            | -                   | -      | -            | 0                           | 0                                      | -                | 1018.4                    | +2                      | SE    | 1            | z        | 63             | 85            | 6                    | -                           | 3                         | -                        | 0                          | 4                      | 6             | -                   | 69                    | 54       | 43        | -         | -             | 11.1                   |                 |
|                                        | Manston ... 154             | 1018.4                       | +6                       | SSE                    | 1     | z               | 53       | 52            | 6            | -                   | -      | -            | 0                           | 0                                      | -                | 1017.6                    | 0                       | SE    | 1            | z        | 63             | 85            | 6                    | -                           | 3                         | 1                        | 0                          | 2                      | 3             | -                   | 70                    | 58       | 53        | -         | -             | 9.3                    |                 |
| 2                                      | Shoeburyness ... 11         | 1018.1                       | +2                       | SW                     | 3     | bc              | 64       | 75            | 7            | 5                   | -      | 2-3          | 2-3                         | 4000                                   | 1018.0           | +2                        | S                       | 1     | bc           | 66       | 75             | 6             | -                    | 4                           | 3                         | 0                        | 4                          | 6                      | -             | 70                  | 55                    | 46       | -         | -         | 8.4           |                        |                 |
|                                        | Felixstowe ... 15           | 1018.1                       | +2                       | SW                     | 2     | b               | 61       | 85            | 6            | -                   | -      | -            | 0                           | 0                                      | -                | 1017.7                    | +2                      | SE    | 2            | bc       | 65             | 75            | 7                    | -                           | 4                         | 1                        | 0                          | 4                      | 6             | -                   | 70                    | 61       | 57        | -         | -             | 5.7                    |                 |
|                                        | Gorleston ... 5             | 1018.1                       | +2                       | SW                     | 2     | b               | 61       | 85            | 6            | -                   | -      | -            | 0                           | 0                                      | -                | 1018.6                    | +2                      | S     | 3            | z        | 63             | 85            | 6                    | -                           | 3                         | 1                        | 0                          | 7                      | 8             | -                   | 65                    | 59       | 53        | -         | -             | 7.7                    |                 |
|                                        | Mildenhall ... 19           | 1017.2                       | +2                       | SE                     | 2     | b               | 56       | 97            | 6            | -                   | -      | -            | 0                           | 0                                      | -                | 1017.2                    | 0                       | S     | 2            | bc       | 61             | 85            | 7                    | -                           | 7                         | -                        | 0                          | 4                      | 6             | -                   | 75                    | 55       | 44        | -         | Tr            | 11.6                   |                 |
|                                        | Cranwell ... 240            | 1016.8                       | +2                       | -                      | 0     | z               | 55       | 52            | 5            | -                   | 3      | -            | 0                           | 2-3                                    | -                | 1016.7                    | 0                       | SE    | 1            | z        | 57             | 85            | 6                    | -                           | 7                         | -                        | 0                          | 4                      | 6             | -                   | 71                    | 57       | 47        | -         | -             | 9.4                    |                 |
| 3                                      | Birmingham ... 535          | 1016.8                       | +2                       | -                      | 0     | z               | 56       | 85            | 6            | -                   | 3      | -            | 0                           | 2-3                                    | -                | 1016.3                    | -2                      | SSE   | 2            | z        | 59             | 75            | 5                    | -                           | 3                         | -                        | 0                          | 2                      | 3             | -                   | 73                    | 54       | 41        | -         | -             | 11.4                   |                 |
|                                        | Upper Heyford ... 408       | 1016.8                       | +2                       | -                      | 0     | z               | 56       | 85            | 6            | -                   | 3      | -            | 0                           | 2-3                                    | -                | 1016.4                    | -4                      | -     | 0            | cf       | 55             | 97            | 2                    | -                           | -                         | -                        | 10                         | 10                     | 150           | 0                   | 73                    | 52       | 44        | -         | -             | 14.1                   |                 |
| 4                                      | Ross-on-Wye ... 223         | 1016.8                       | +2                       | -                      | 0     | z               | 56       | 85            | 6            | -                   | 3      | -            | 0                           | 2-3                                    | -                | 1016.4                    | -6                      | SW    | 1            | z        | 55             | 92            | 6                    | -                           | -                         | -                        | 0                          | Tr                     | -             | 0                   | 72                    | 51       | 46        | -         | -             | 14.1                   |                 |
| 5                                      | Hartland Point ... 299      | 1015.9                       | -4                       | ESE                    | 2     | b               | 59       | 65            | 8            | -                   | 4      | -            | 0                           | 1                                      | -                | 1015.2                    | +2                      | S     | 3            | bc       | 55             | 85            | 8                    | 1                           | 4                         | -                        | Tr                         | 2-3                    | 1500          | 0                   | 66                    | 53       | 49        | -         | -             | 12.0                   |                 |
|                                        | Bristol ... 209             | 1016.8                       | -2                       | -                      | 0     | z               | 52       | 92            | 6            | -                   | -      | -            | 0                           | 0                                      | -                | 1016.9                    | +2                      | S     | 1            | z        | 55             | 92            | 6                    | 5                           | 3                         | -                        | Tr                         | 1                      | 100           | 0                   | 72                    | 49       | 50        | -         | -             | 10.9                   |                 |
|                                        | Portland Bill ... 32        | 1016.8                       | +8                       | SW                     | 1     | bc              | 58       | 92            | 7            | 5                   | -      | 4-6          | 4-6                         | 2500                                   | 1016.4           | +4                        | E                       | 2     | c            | 60       | 92             | 7             | 2                    | 4                           | -                         | 7-8                      | 7-8                        | 2500                   | 0             | 61                  | 55                    | 45       | -         | -         | 11.0          |                        |                 |
|                                        | Plymouth ... 82             | 1017.3                       | +2                       | E                      | 1     | z               | 53       | 97            | 5            | -                   | 4      | -            | 0                           | Tr                                     | -                | 1016.5                    | -2                      | -     | 0            | z        | 59             | 97            | 6                    | 5                           | 3                         | -                        | 2-3                        | 4-6                    | 300           | 0                   | 67                    | 52       | 45        | -         | -             | 11.0                   |                 |
|                                        | The Lizard ... 240          | 1016.8                       | 0                        | -                      | 0     | bc              | 58       | 85            | 8            | 8                   | -      | 1            | 2-3                         | 4-6                                    | 2500             | 1015.7                    | 0                       | NNE   | 1            | bc       | 59             | 97            | 8                    | 7                           | 6                         | -                        | 2-3                        | 4-6                    | 3500          | 0                   | 68                    | 52       | 45        | -         | -             | 12.8                   |                 |
|                                        | Scilly (St. Mary's) ... 163 | 1016.8                       | -2                       | SE                     | 2     | bc              | 56       | 92            | 8            | 8                   | -      | 4-6          | 4-6                         | 1500                                   | 1015.2           | -4                        | SE                      | 2     | bc           | 58       | 92             | 8             | 5                    | 4                           | 4                         | 4                        | 4                          | 4                      | 2200          | 0                   | 69                    | 55       | 45        | -         | -             | 9.4                    |                 |
|                                        | Guernsey ... 175            | 1016.8                       | -2                       | SE                     | 2     | bc              | 56       | 92            | 8            | 8                   | -      | 4-6          | 4-6                         | 1500                                   | 1015.2           | -4                        | SE                      | 2     | bc           | 58       | 92             | 8             | 5                    | 4                           | 4                         | 4                        | 4                          | 4                      | 2200          | 0                   | 69                    | 55       | 45        | -         | -             | 9.4                    |                 |
| 6                                      | Pembroke ... 142            | 1017.2                       | 0                        | ESE                    | 1     | bc              | 56       | 97            | 8            | 7                   | 7      | 2-3          | 4-6                         | 2500                                   | 1015.3           | -10                       | NE                      | 2     | bc           | 57       | 97             | 6             | 8                    | 3                           | -                         | 2-3                      | 4-6                        | 3500                   | 0             | 64                  | 53                    | 45       | -         | -         | 11.6          |                        |                 |
|                                        | Holyhead ... 26             | 1015.6                       | -2                       | S                      | 2     | z               | 57       | 92            | 6            | -                   | 7      | -            | 0                           | 3                                      | -                | 1014.3                    | -2                      | -     | 0            | bc       | 56             | 97            | 9                    | 5                           | 9                         | 2                        | 1                          | 4                      | 6             | 4000                | 0                     | 64       | 51        | 46        | -             | -                      | 14.1            |
|                                        | Chester (Sealand) ... 16    | 1016.2                       | -4                       | -                      | 0     | bc              | 53       | 92            | 7            | -                   | 4      | -            | 0                           | 2-3                                    | -                | 1015.6                    | -2                      | SE    | 2            | z        | 55             | 85            | 5                    | -                           | 3                         | 4                        | 0                          | 4                      | 6             | -                   | 69                    | 51       | 47        | -         | -             | 14.1                   |                 |
| 8                                      | Manchester ... 70           | 1016.5                       | -4                       | ESE                    | 1     | m               | 53       | 92            | 4            | -                   | 3      | -            | 0                           | 4-6                                    | -                | 1016.2                    | +2                      | -     | 0            | z        | 56             | 85            | 5                    | -                           | 9                         | -                        | 0                          | 4                      | 6             | -                   | 70                    | 50       | 45        | -         | -             | 9.9                    |                 |
| 10                                     | Spurn Head ... 29           | 1016.6                       | +4                       | SE                     | 2     | z               | 56       | 92            | 5            | -                   | -      | 0            | 0                           | -                                      | -                | 1016.7                    | 0                       | S     | 1            | c        | 60             | 85            | 6                    | 5                           | 5                         | -                        | 4                          | 6                      | 5             | 5700                | 0                     | 65       | 51        | 45        | -             | -                      | 10.8            |
|                                        | Catterick ... 175           | 1016.9                       | +2                       | -                      | 0     | bc              | 53       | 85            | 7            | 5                   | 3      | -            | 0                           | 2-3                                    | 5500             | 1016.3                    | -6                      | SE    | 1            | bc       | 53             | 75            | 8                    | 5                           | 3                         | -                        | 1                          | 0                      | 4             | 6                   | -                     | 72       | 51        | 45        | -             | -                      | 11.2            |
|                                        | Tynemouth ... 108           | 1016.8                       | +4                       | N                      | 1     | c               | 57       | 85            | 7            | 8                   | -      | 7-8          | 7-8                         | 2500                                   | 1016.8           | -2                        | SW                      | 3     | z            | 58       | 75             | 5             | 5                    | 3                           | -                         | 4                        | 6                          | 7-8                    | 3000          | 0                   | 63                    | 52       | 45        | -         | -             | 11.2                   |                 |
| 11                                     | St. Abbs Head ... 280       | 1014.7                       | -2                       | N                      | 2     | c               | 56       | 85            | 7            | 5                   | 4      | -            | 7-8                         | 9                                      | 1500             | 1014.6                    | -4                      | SW    | 4            | c        | 57             | 85            | 9                    | 4                           | 4                         | 5                        | 2-3                        | 7-8                    | 2500          | 0                   | 62                    | 52       | 45        | -         | Tr            | 7.2                    |                 |
|                                        | Leuchars ... 36             | 1014.7                       | -2                       | N                      | 2     | c               | 54       | 85            | 8            | 5                   | 7      | -            | Tr                          | 7-8                                    | 3500             | 1014.6                    | +2                      | -     | 0            | c        | 56             | 85            | 7                    | 5                           | 3                         | -                        | 7-8                        | 9+                     | 4000          | 0                   | 63                    | 52       | 50        | -         | -             | 7.2                    |                 |
| 12                                     | Renfrew (Abbots L.) ... 19  | 1014.8                       | -4                       | E                      | 1     | c               | 55       | 85            | 7            | 5                   | 7      | -            | 4-6                         | 7-8                                    | 5000             | 1013.9                    | -4                      | SSE   | 2            | c        | 59             | 75            | 7                    | -                           | 9                         | -                        | 0                          | 9                      | -             | 0                   | 66                    | 52       | 41        | -         | -             | 6.9                    |                 |
|                                        | Eskdalemuir ... 794         | 1015.3                       | -2                       | SW                     | 4     | c               | 58       | 85            | 8            | 5                   | 4      | -            | 4-6                         | 9+                                     | 3000             | 1015.3                    | -2                      | -     | 0            | c        | 51             | 92            | 8                    | 5                           | 7                         | -                        | 7-8                        | 9                      | 2500          | 0                   | 65                    | 45       | 39        | -         | -             | 10.4                   |                 |
|                                        | Point of Ayre ... 30        | 1015.3                       | -2                       | SW                     | 4     | c               | 58       | 85            | 8            | 5                   | 4      | -            | 4-6                         | 9+                                     | 3000             | 1014.5                    | 0                       | SW    | 3            | c        | 60             | 75            | 8                    | 1                           | 4                         | 6                        | Tr                         | 7-8                    | 3000          | 0                   | 65                    | 53       | 45        | -         | -             | 8.4                    |                 |
| 13a                                    | Tiree ... 22                | 1014.8                       | +6                       | SE                     | 3     | c               | 58       | 92            | 7            | 5                   | 7      | 4            | 10                          | 1800                                   | 1011.5           | -4                        | SSE                     | 4     | 0            | 56       | 92             | 7             | 5                    | -                           | -                         | 10                       | 10                         | 2200                   | 0             | 60                  | 54                    | 45       | -         | -         | 1.8           |                        |                 |
| 13b                                    | Stornoway ... 80            | 1012.8                       | 0                        | SSE                    | 4     | c               | 55       | 97            | 7            | 8                   | 7      | -            | 7-8                         | 10                                     | 1500             | 1010.9                    | -2                      | SSE   | 4            | c        | 57             | 92            | 7                    | 5                           | 7                         | -                        | 7-8                        | 10                     | 2500          | 1                   | 60                    | 54       | 45        | -         | Tr            | 2.9                    |                 |
| 15                                     |                             |                              |                          |                        |       |                 |          |               |              |                     |        |              |                             |                                        |                  |                           |                         |       |              |          |                |               |                      |                             |                           |                          |                            |                        |               |                     |                       |          |           |           |               |                        |                 |



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

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

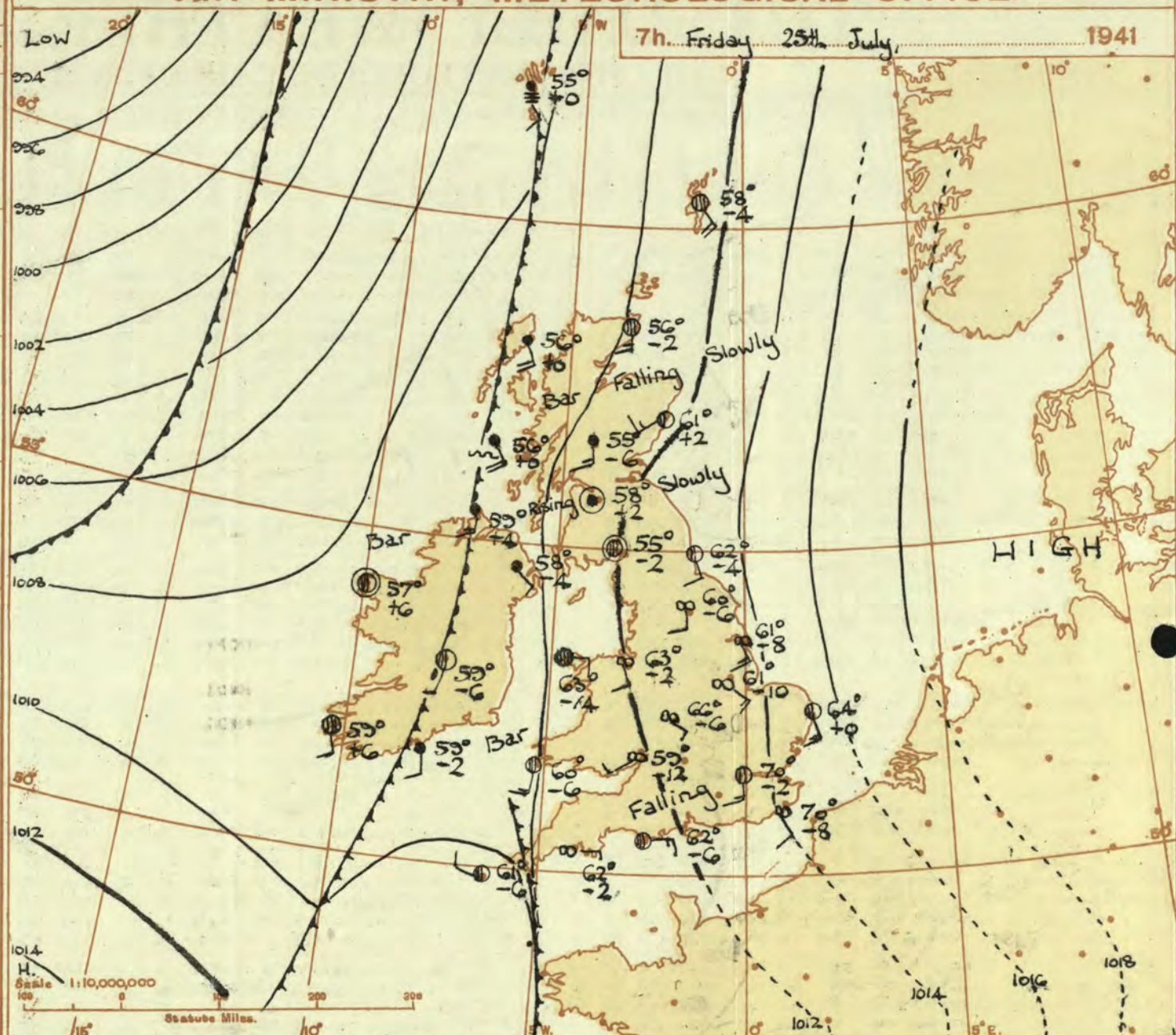


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T. 24th July |                |       |       | 18h. G.M.T.    |       |       |                | 01h. G.M.T. 25th July |       |                |       | 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       | C <sub>M</sub> | wwVhN | DDFWN |
| 109                   | 07             | 02790 | 15325 | 07             | 02690 | 13425 | 07             | 02690                 | 13224 | 57             | 02631 | 17326       |                |       |       |
| 115                   | 51             | 02844 | 14287 | 54             | 02844 | 20326 |                |                       |       |                |       |             |                |       |       |
| 203                   |                |       |       | 5-             | 02838 | 16528 | 5-             | 02837                 | 16327 | 5-             | 64738 | 16268       |                |       |       |
| 206                   | 77             | 02763 | 17328 | 27             | 02873 | 18227 | 57             | 01864                 | 16225 | 57             | 61755 | 24268       |                |       |       |
| 210                   | 57             | 02872 | 18328 | 57             | 02861 | 16226 | 53             | 02775                 | 00026 | 57             | 22864 | 15268       |                |       |       |
| 220                   |                |       |       | 62             | 66636 | 15468 |                |                       |       | 5-             | 58518 | 20268       |                |       |       |
| 230                   | 57             | 02804 | 16217 | 77             | 02856 | 15317 | 51             | 02857                 | 15218 | 52             | 62747 | 16168       |                |       |       |
| 246                   | 83             | 02863 | 14815 | 09             | 05690 | 08227 | 57             | 47383                 | 20115 | 09             | 02890 | 32247       |                |       |       |
| 260                   | 17             | 02864 | 16227 | 83             | 02864 | 18325 | 53             | 01771                 | 00014 | 57             | 61665 | 01168       |                |       |       |
| 277                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 279                   | 13             | 05663 | 22315 | 04             | 01790 | 20313 | 5-             | 05666                 | 16126 | 57             | 05645 | 04167       |                |       |       |
| 285                   |                |       |       |                |       |       |                |                       |       | 53             | 02754 | 06227       |                |       |       |
| 288                   | 83             | 02764 | 14215 | 03             | 02790 | 14325 | 50             | 05663                 | 13113 | 03             | 08430 | 00045       |                |       |       |
| 273                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 301                   | 03             | 05690 | 28202 | 03             | 01790 | 28104 | 03             | 05690                 | 08113 | 09             | 05590 | 12164       |                |       |       |
| 321                   | 07             | 00890 | 15401 | 03             | 00790 | 16302 | 00             | 05690                 | 14210 | 03             | 05690 | 15213       |                |       |       |
| 299                   |                |       |       |                |       |       |                | 50                    | 05653 | 10203          | 57    | 05653       | 16316          |       |       |
| 292                   |                |       |       | 07             | 17690 | 15214 | 00             | 05690                 | 00010 | 03             | 05590 | 14114       |                |       |       |
| 310                   | --             | 01642 | 20412 |                |       |       |                |                       |       | --             | 04552 | 10312       |                |       |       |
| 316                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 333                   | 53             | 01763 | 18314 | 03             | 01990 | 20215 | 57             | 02765                 | 00086 | 59             | 02764 | 00027       |                |       |       |
| 334                   | --             | 01762 | 28004 |                |       |       |                |                       |       | --             | 02756 | 00017       |                |       |       |
| 340                   | 13             | 00861 | 14312 | 43             | 01863 | 18314 | 03             | 05690                 | 14201 | 23             | 05573 | 12215       |                |       |       |
| 136                   | 10             | 01773 | 16313 | 10             | 01774 | 14204 | 00             | 05690                 | 11310 | 08             | 05690 | 12313       |                |       |       |
| 336                   | 04             | 01890 | 16412 | 04             | 01890 | 16313 |                |                       |       | 53             | 01752 | 16314       |                |       |       |
| 350                   | 10             | 00752 | 16302 | 13             | 01861 | 15204 | 05             | 05590                 | 00012 | 07             | 05690 | 18113       |                |       |       |
| 368                   | 13             | 01762 | 22113 |                |       |       |                |                       |       | 54             | 05676 | 11227       |                |       |       |
| 379                   |                |       |       | 40             | 01762 | 16313 |                |                       |       | 23             | 02763 | 14216       |                |       |       |
| 390                   | 10             | 01764 | 19214 | 70             | 01773 | 18214 | 03             | 05590                 | 08113 | 03             | 05690 | 09103       |                |       |       |
| 382                   | 10             | 01824 | 16214 | 10             | 00861 | 13212 | 54             | 01772                 | 00003 | 19             | 05661 | 00005       |                |       |       |
| 438                   | 50             | 01753 | 08214 |                |       |       |                |                       |       | 50             | 01764 | 12314       |                |       |       |
| 430                   | 13             | 01761 | 14113 | 00             | 00890 | 16201 | 00             | 00690                 | 04100 | 08             | 02790 | 06216       |                |       |       |
| 409                   | 10             | 00862 | 15312 | 03             | 01990 | 14315 | 04             | 05690                 | 13312 | 58             | 05633 | 00047       |                |       |       |

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, Nh - 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. Friday 25th July 1941.                                                     |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Moderate S.E. to S. winds. Fair at first. Some thundery rain or thunderstorms later. Warm.                                       |
| 2 E. England ...                           |                                                                                                                                  |
| 3 E. Midlands ...                          |                                                                                                                                  |
| 4 W. Midlands ...                          |                                                                                                                                  |
| 5 S.W. England                             | Light or moderate southerly to variable winds. Cloudy with occasional rain. Thunder locally. Average temperature or rather warm. |
| 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 southerly winds. Cloudy with rain at times, perhaps with thunder locally. Average temperature.                          |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                                                  |
| 14 Mid Scotland                            |                                                                                                                                  |
| 15 N. E. Scotland                          |                                                                                                                                  |
| 16 Orkneys and Shetlands                   |                                                                                                                                  |
| 17 N. W. Ireland                           | Light S.W. wind. Fair. Average temperature.                                                                                      |
| 18 N. E. Ireland                           |                                                                                                                                  |
| 19 S. E. Ireland                           | As 4-8.                                                                                                                          |
| 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.

A depression is centred S.W. of Iceland and associated troughs of low pressure over our western districts are moving slowly eastwards. Weather will be generally unsettled with rain at times in most districts and with local thunder, but it will be fair at first in the east.

FURTHER OUTLOOK.

Unsettled with occasional rain in most districts and thunder locally.

Warm front  
Cold front  
Occlusion.

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

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

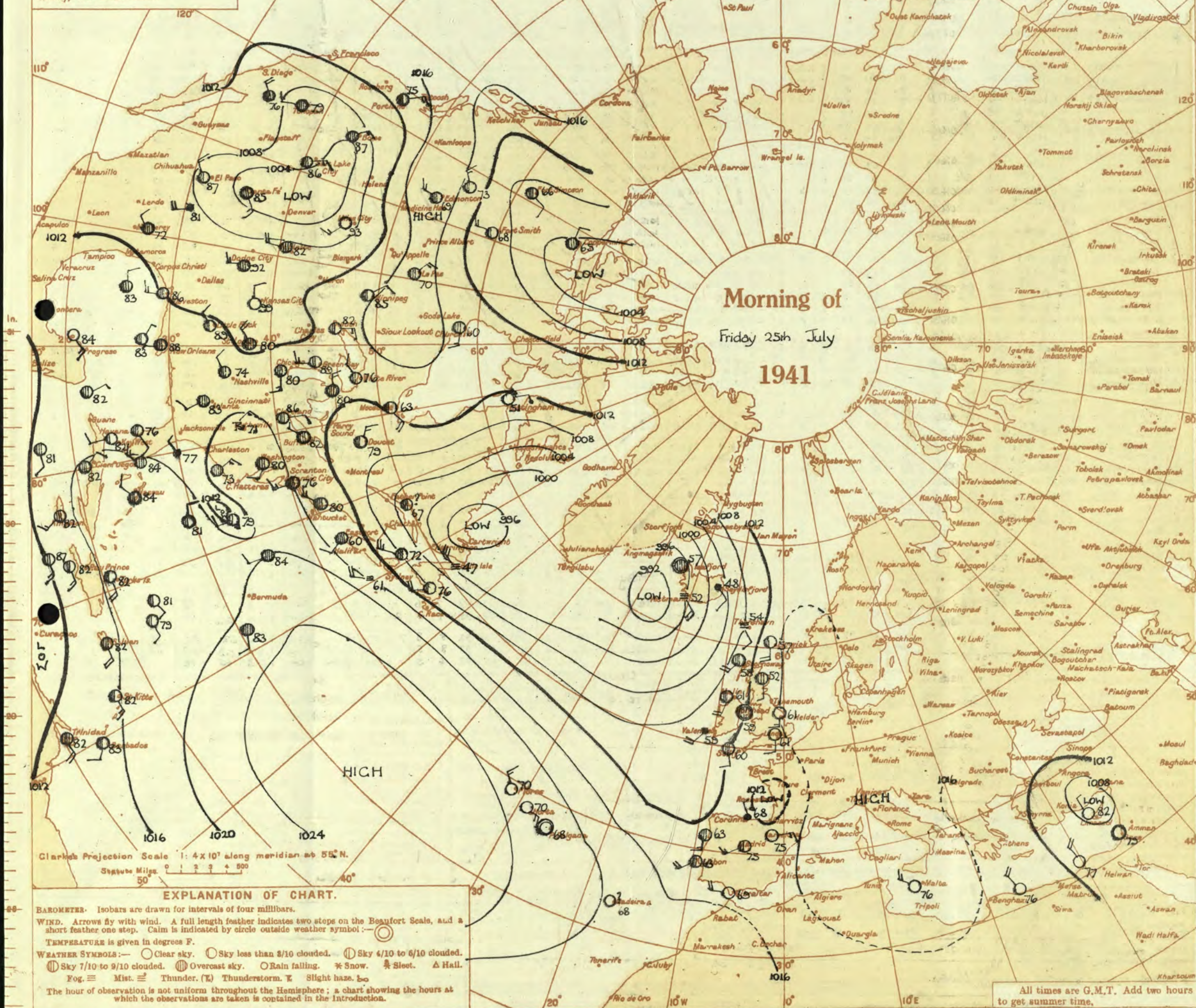
H.M.S.O. Press, Cornwall House, S.E.1.

G.266. No. 8179.2.6034.0.242.3300.3/41



# 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. 25th July |           |                              |                      |                    |        |        |          |           |          |             |        |         |                        | OBSERVATIONS at 7 hr. G.M.T. 25th July |        |                       |                    |       |         |          |           |          |             |                        |       |         |                        | PAST 24 HOURS.      |                  |      |                       |                   |                |                  |                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      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| District.                              | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |         |                        |                                        |        | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. |         | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud.                 |       |         |                        |                     | State of Ground. | Sea. | TEMPERATURE.          |                   | RAINFALL.      |                  | SUN-SHINE Hrs. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  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    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  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    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  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|                                        |           |                              |                      |                    | Direc. | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Direc.                                 | Force. |                       |                    | Form. | Amount. |          |           |          |             | Height of Base (feet). | Form. | Amount. | Height of Base (feet). | Max. Day 7h-18h °F. |                  |      | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      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|                                        |           |                              |                      |                    |        |        |          |           |          |             |        |         |                        |                                        |        |                       |                    |       |         |          |           |          |             |                        |       |         |                        |                     |                  |      |                       |                   |                |                  |                | 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 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |

## LONDON OBSERVATIONS

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

| Height above M.S.L. in feet. | Weather | Temperature. | Rainfall. | Sun-shine. | Humidity. |  |
|------------------------------|---------|--------------|-----------|------------|-----------|--|
|------------------------------|---------|--------------|-----------|------------|-----------|--|



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Saturday 26th July 1941  
No. 22,101.

| OBSERVATIONS at 13h. G.M.T. 25th July |                                      |                                      |                              |               |                       |                 |                     |                    |                           |              |                 |                                         |               | OBSERVATIONS at 18h. G.M.T. 25th July |                                       |                               |                                         |               |                  |                      |                     |                            |                 |                                         |                             |                              |                               | PAST 24 HOURS.                        |                     |                            |       |       |        |          |         |
|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|-----------------------|-----------------|---------------------|--------------------|---------------------------|--------------|-----------------|-----------------------------------------|---------------|---------------------------------------|---------------------------------------|-------------------------------|-----------------------------------------|---------------|------------------|----------------------|---------------------|----------------------------|-----------------|-----------------------------------------|-----------------------------|------------------------------|-------------------------------|---------------------------------------|---------------------|----------------------------|-------|-------|--------|----------|---------|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb.<br>(1) | Change in<br>8 hours.<br>(2) | Wind.         |                       | Weather.<br>(5) | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-9<br>(8) | Cloud.       |                 |                                         |               |                                       | Barom.<br>at<br>M.S.L.<br>mb.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.                                   |               | Weather.<br>(19) | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-9<br>(22) | Cloud.          |                                         |                             |                              |                               | State<br>of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER.                   |       |       |        |          |         |
|                                       |                                      |                                      |                              | Direc.<br>(3) | Force.<br>0-12<br>(4) |                 |                     |                    |                           | Form.<br>(9) | Amount.<br>(10) | Height<br>of<br>Base.<br>(feet)<br>(11) | Form.<br>(23) | Amount.<br>(24)                       |                                       |                               | Height<br>of<br>Base.<br>(feet)<br>(25) | Form.<br>(26) |                  |                      |                     |                            | Amount.<br>(27) | Height<br>of<br>Base.<br>(feet)<br>(28) | 7h.—13h.<br>...25th<br>(37) | 13h.—18h.<br>...25th<br>(38) | 18h.—24h.<br>1h.—25th<br>(39) |                                       |                     | 1h.—7h.<br>...26th<br>(40) |       |       |        |          |         |
|                                       |                                      |                                      |                              |               |                       |                 |                     |                    |                           |              |                 |                                         |               |                                       |                                       |                               |                                         |               |                  |                      |                     |                            |                 |                                         |                             |                              |                               |                                       |                     |                            |       |       |        |          |         |
| 1                                     | London (Kew)...                      | 1011.8                               | -4                           | SSE           | 3                     | c               | 81                  | 55                 | 7                         | 5            | 7               | 1                                       | 4-6           | 7-8                                   | 4000                                  | 1011.0                        | -6                                      | SSE           | 1                | c                    | 78                  | 55                         | 7               | 5                                       | 7                           | -                            | 0                             | 3+                                    | 4000                | 0                          | *     | cirrc | bcbey  | cirrc    | TLR     |
|                                       | Croydon ...                          | 1011.8                               | -8                           | SSE           | 3                     | c               | 80                  | 55                 | 8                         | -            | 7               | -                                       | 0             | 7-8                                   | -                                     | 1011.5                        | -2                                      | SSE           | 1                | c/d                  | 77                  | 55                         | 8               | -                                       | 7                           | -                            | 0                             | 3+                                    | -                   | 0                          | *     | bcbey | cbeypg | c/cyb    | bcdlrm  |
|                                       | S. Farnborough                       | 1011.5                               | -2                           | SE            | 3                     | 2               | 80                  | 55                 | 7                         | -            | 8               | 8                                       | 0             | 2-3                                   | -                                     | 1010.5                        | -6                                      | SE            | 1                | c/d                  | 77                  | 65                         | 8               | -                                       | 7                           | -                            | 0                             | 3+                                    | -                   | 0                          | *     | bcbey | bey/c  | cbeomw   | bcdTLR  |
|                                       | Boscombe Down                        | 1011.4                               | -2                           | SW            | 4                     | 2               | 79                  | 55                 | 7                         | 1            | 4               | -                                       | 7             | 2-3                                   | 4000                                  | 1011.1                        | +4                                      | S             | 2                | c                    | 76                  | 65                         | 7               | 5                                       | -                           | -                            | 3+                            | 3+                                    | 4000                | 0                          | *     | bcp   | c      | cmbcmel  | bcdcom  |
|                                       | Thorney Island                       | 1012.1                               | +8                           | ESE           | 3                     | 2               | 76                  | 65                 | 7                         | -            | 7               | -                                       | 0             | 4-6                                   | -                                     | 1011.3                        | -6                                      | E             | 1                | c                    | 74                  | 75                         | 7               | -                                       | 7                           | -                            | 0                             | 3+                                    | -                   | 0                          | *     | cigbc | bceigc | bcmo     | cdlrm   |
|                                       | Lymington                            | 1013.7                               | +6                           | ESE           | 1                     | 3               | 75                  | 65                 | 6                         | -            | 7               | -                                       | 0             | 7-8                                   | -                                     | 1012.4                        | -6                                      | E             | 1                | c                    | 81                  | 65                         | 8               | -                                       | 7                           | -                            | 0                             | 4-6                                   | -                   | 0                          | *     | bccz  | cigbce | bcbcrchz | tlrcpr  |
|                                       | Manston                              | 1012.8                               | -2                           | SE            | 3                     | 2               | 77                  | 55                 | 6                         | -            | 7               | -                                       | 0             | 3                                     | -                                     | 1011.3                        | -4                                      | -             | 0                | 3                    | 78                  | 66                         | 6               | -                                       | 7                           | -                            | 0                             | 3                                     | -                   | 0                          | *     | bzsz  | cigbz  | bzom     | bbcmacr |
| 2                                     | Shoeburyness ...                     | 1013.1                               | -8                           | ESE           | 3                     | c               | 71                  | 75                 | 6                         | 5            | 3               | -                                       | 4-6           | 7-8                                   | 4000                                  | 1012.4                        | -2                                      | ESE           | 2                | c                    | 75                  | 75                         | 6               | 5                                       | 3                           | -                            | 7                             | 7-8                                   | 4000                | 0                          | *     | cbeom | bcm    | bcmoir   | cmotof  |
|                                       | Felixstowe ...                       | 1013.4                               | -6                           | ESE           | 4                     | 2               | 73                  | 65                 | 6                         | -            | 5               | -                                       | 0             | 7-8                                   | -                                     | 1012.3                        | -4                                      | ESE           | 2                | c                    | 71                  | 75                         | 6               | 5                                       | 3                           | -                            | 7                             | 4-6                                   | 7200                | 0                          | 1     | bcm   | bcm    | cmo      | cprclrm |
|                                       | Gorleston                            | 1014.4                               | -14                          | SE            | 4                     | 2               | 66                  | 75                 | 6                         | 5            | 7               | -                                       | 4-6           | 7-8                                   | 2800                                  | 1013.8                        | -4                                      | ESE           | 2                | z                    | 67                  | 75                         | 6               | -                                       | 3                           | -                            | 0                             | 4-6                                   | -                   | 0                          | 3     | bz    | bcm    | bclz     | bcpim   |
|                                       | Mildenhall                           | 1011.3                               | -8                           | ESE           | 4                     | c               | 82                  | 45                 | 7                         | -            | 7               | -                                       | 0             | 3+                                    | -                                     | 1011.2                        | -6                                      | SSE           | 3                | bc                   | 81                  | 55                         | 7               | -                                       | 3                           | -                            | 0                             | 4-6                                   | -                   | 0                          | *     | bbeey | cybey  | beycm    | cm.     |
|                                       | Cranwell                             | 1011.1                               | -12                          | S             | 4                     | c               | 80                  | 55                 | 7                         | 1            | 7               | 2                                       | 4-6           | 8                                     | 4500                                  | 1010.6                        | -6                                      | SW            | 4                | c                    | 79                  | 55                         | 7               | 2                                       | 3                           | 1                            | 1                             | 7-8                                   | 4000                | 0                          | *     | bey   | cybey  | beclr    | bclr.   |
| 3                                     | Birmingham                           | 1010.3                               | -6                           | SSE           | 2                     | c               | 75                  | 55                 | 7                         | 5            | 8               | -                                       | 4-6           | 9+                                    | 2500                                  | 1010.3                        | 0                                       | SW            | 2                | c                    | 76                  | 55                         | 8               | 2                                       | 3                           | 8                            | 7                             | 2500                                  | 0                   | *                          | cbeez | cbee  | cbccc  | coir.    |         |
|                                       | Upper Heyford                        | 1010.3                               | -6                           | SSE           | 3                     | c               | 76                  | 75                 | 7                         | 8            | 7               | 5                                       | 2-3           | 7-8                                   | 4000                                  | 1010.3                        | +2                                      | SW            | 2                | c                    | 75                  | 65                         | 7               | 8                                       | 3                           | 6                            | 4-6                           | 9                                     | 4000                | 0                          | *     | cbeey | cbeey  | cbcbcm   | c       |
| 4                                     | Ross-on-Wye ...                      | 1010.5                               | -6                           | SSW           | 3                     | z               | 74                  | 65                 | 6                         | 1            | 9               | -                                       | 7-8           | 9                                     | 4000                                  | 1010.5                        | -4                                      | SW            | 3                | c                    | 75                  | 65                         | 7               | 1                                       | 8                           | 2                            | 7                             | 7-8                                   | 4000                | 0                          | *     | cbeey | cbeey  | cbcm     | c       |
| 5                                     | Hartland Point                       | 1014.3                               | +8                           | WSW           | 3                     | c               | 63                  | 85                 | 7                         | 1            | 4               | 3                                       | 2-3           | 7-8                                   | 2000                                  | 1011.3                        | -2                                      | WNW           | 3                | bc                   | 67                  | 85                         | 8               | 1                                       | 4                           | 3                            | 1                             | 4-6                                   | 2000                | 0                          | 2     | cir   | cbe    | bcc      | cdclcb  |
|                                       | Bristol ...                          | 1011.1                               | -4                           | SSW           | 3                     | bc              | 78                  | 65                 | 8                         | 1            | -               | 8                                       | 2-3           | 4-6                                   | 3500                                  | 1011.4                        | +2                                      | WNW           | 4                | c                    | 71                  | 75                         | 8               | -                                       | 4                           | 6                            | 0                             | 7-8                                   | -                   | 0                          | *     | cbeey | bce    | cbccmow  | bccrm.  |
|                                       | Portland Bill                        | 1012.1                               | +8                           | SW            | 2                     | c               | 66                  | 92                 | 8                         | 2            | 4               | -                                       | 4-6           | 3                                     | 2500                                  | 1001.4                        | -8                                      | NE            | 1                | c                    | 64                  | 92                         | 7               | 5                                       | -                           | -                            | 10                            | 1500                                  | 0                   | 2                          | c     | c     | cbcl   | bccrm.   |         |
|                                       | Plymouth                             | 1012.4                               | +6                           | S             | 2                     | c               | 68                  | 75                 | 8                         | 1            | 2               | -                                       | 7             | 7-8                                   | 3000                                  | 1011.4                        | -8                                      | WNW           | 4                | c                    | 69                  | 75                         | 8               | -                                       | 4                           | 8                            | 0                             | 3+                                    | -                   | 0                          | 3     | c     | cbeey  | cb       | b,cb.   |
|                                       | The Lizard                           | 1012.5                               | +10                          | WSW           | 2                     | c               | 69                  | 75                 | 7                         | 8            | 7               | -                                       | 4-6           | 7-8                                   | 2500                                  | 1012.5                        | 0                                       | WNW           | 3                | bc                   | 66                  | 75                         | 8               | 4                                       | 7                           | -                            | 4-6                           | 4-6                                   | 2500                | 0                          | 2     | c     | bc     | bcc      | cbcc    |
|                                       | Soilly (St. Mary's)                  | 1012.2                               | +10                          | W             | 2                     | c               | 70                  | 75                 | 8                         | 7            | 4               | 2                                       | 2-3           | 7-8                                   | 1500                                  | 1012.7                        | 0                                       | WNW           | 3                | c                    | 65                  | 85                         | 8               | 8                                       | 4                           | 3                            | 7-8                           | 9+                                    | 1800                | 0                          | 3     | c     | cbcc   | cbc      | bcc     |
|                                       | Guernsey                             | 1012.2                               | +10                          | W             | 2                     | c               | 70                  | 75                 | 8                         | 7            | 4               | 2                                       | 2-3           | 7-8                                   | 1500                                  | 1012.7                        | 0                                       | WNW           | 3                | c                    | 65                  | 85                         | 8               | 8                                       | 4                           | 3                            | 7-8                           | 9+                                    | 1800                | 0                          | 3     | c     | cbcc   | cbc      | bcc     |
| 6                                     | Pembroke ...                         | 1011.7                               | +4                           | SWW           | 2                     | bc              | 65                  | 92                 | 7                         | 7            | 6               | 1                                       | 2-3           | 4-6                                   | 3500                                  | 1012.7                        | 0                                       | SW            | 2                | bc                   | 64                  | 92                         | 8               | 8                                       | 5                           | 2                            | 4-6                           | 4-6                                   | 3000                | 0                          | 3     | cbeom | bce    | bccm     | bcc     |
| 7                                     | Holyhead (Anglesey)                  | 1003.8                               | +4                           | SSW           | 3                     | 2               | 64                  | 85                 | 6                         | 8            | 7               | -                                       | 4-6           | 9                                     | 3000                                  | 1010.5                        | +4                                      | SSW           | 3                | bc                   | 63                  | 85                         | 8               | 1                                       | 7                           | 2                            | 7                             | 4-6                                   | 3000                | 0                          | 2     | cbeom | cbeom  | bccm     | bccm    |
|                                       | Chester (Sealand)                    | 1009.5                               | -6                           | SSE           | 2                     | 2               | 77                  | 65                 | 6                         | 5            | 3               | -                                       | 4-6           | 9+                                    | 5000                                  | 1010.0                        | +6                                      | WN            | 1                | bc                   | 72                  | 75                         | 7               | 8                                       | 4                           | -                            | 2-3                           | 4-6                                   | 3000                | 0                          | *     | cbeom | cbeom  | bccm     | bccm    |
| 8                                     | Manchester                           | 1010.0                               | -10                          | SSE           | 2                     | 2               | 77                  | 65                 | 6                         | 8            | 3               | -                                       | 4-6           | 9+                                    | 3500                                  | 1010.6                        | +10                                     | WNW           | 3                | c                    | 70                  | 75                         | 7               | 3                                       | 6                           | 3                            | 4-6                           | 7-8                                   | 3200                | 0                          | *     | cbeom | cbeom  | bccm     | bccm    |
| 10                                    | Spurn Head                           | 1012.2                               | -14                          | SE            | 5                     | c               | 66                  | 75                 | 6                         | 5            | 7               | 6                                       | 4-6           | 9                                     | 2500                                  | 1011.4                        | 0                                       | SE            | 5                | z                    | 62                  | 85                         | 6               | 8                                       | -                           | 5                            | 4-6                           | 7-8                                   | 2500                | 0                          | 4     | c     | c      | bcm      | cfr     |
|                                       | Catterick                            | 1010.1                               | -18                          | SSE           | 3                     | 2               | 78                  | 65                 | 6                         | -            | 8               | -                                       | 0             | 3+                                    | -                                     | 1009.3                        | +4                                      | -             | 0                | 3                    | 71                  | 85                         | 4               | 3                                       | 7                           | 3                            | 4-6                           | 9                                     | 2800                | 1                          | 2     | c     | cbeom  | cbeom    | bcm     |
|                                       | Tynemouth                            | 1011.8                               | -12                          | SSE           | 3                     | bc              | 62                  | 85                 | 6                         | 2            | 3               | -                                       | 4-6           | 4-6                                   | 3200                                  | 1010.9                        | +8                                      | SSE           | 3                | z                    | 62                  | 85                         | 6               | 8                                       | -                           | -                            | 3+                            | 3+                                    | 3000                | 1                          | 2     | c     | bc     | bce      | bclb    |
| 11                                    | St. Abbs Head                        | 1011.2                               | -10                          | SE            | 2                     | 2               | 61                  | 85                 | 4                         | 5            | -               | -                                       | 10            | 10                                    | 600                                   | 1010.6                        | -6                                      | E             | 2                | z                    | 59                  | 97                         | 4               | 5                                       | 4                           | -                            | 7-8                           | 9                                     | 1000                | 1                          | 2     | f     | fclrm  | ocmo     | f       |
|                                       | Leuchars                             | 1011.3                               | -6                           | ESE           | 3                     | 2               | 65                  | 75                 | 8                         | 5            | 3               | -                                       | 1             | 9                                     | 4500                                  | 1010.7                        | -2                                      | E             | 2                | z                    | 59                  | 92                         | 5               | 5                                       | 7                           | -                            | 7-8                           | 9                                     | 3200                | 1                          | *     | c     | cbeom  | cbeom    | f       |
| 12                                    | Renfrew (Abbots L.)                  | 1011.3                               | -2                           | NEW           | 2                     | 2               | 63                  | 92                 | 7                         | 5            | 7               | -                                       | 2-3           | 9                                     | 2500                                  | 1009.8                        | -2                                      | E             | 3                | z                    | 67                  | 75                         | 6               | 5                                       | 7                           | -                            | 9                             | 9                                     | 2000                | 1                          | *     | c     | cbeom  | cbeom    | f       |
|                                       | Eskdalemuir                          | 1009.9                               | -2                           | WNW           | 3                     | 2               | 66                  | 85                 | 4                         | 9            | -               | -                                       | 10            | 10                                    | 450                                   | 1009.7                        | -2                                      | ENE           | 2                | c                    | 65                  | 85                         | 7               | 8                                       | 3                           | -                            | 4-6                           | 9                                     | 2500                | 1                          | *     | c     | cbeom  | cbeom    | f       |
|                                       | Point of Ayre                        | 1009.9                               | 0                            | SE            | 1                     | c               | 66                  | 92                 | 6                         | 5            | 7               | -                                       | 4-6           | 9+                                    | 2500                                  | 1009.6                        | -4                                      | NE            | 1                | c                    | 66                  | 85                         | 8               | 5                                       | -                           | 4                            | 4-6                           | 7-8                                   | 3500                | 1                          | 1     | c     | cbeom  | cbeom    | f       |
| 13A                                   | Tiree ...                            | 1009.2                               | +4                           | S             | 2                     | 2               | 57                  | 97                 | 6                         | -            | 2               | -                                       | 10            | 10                                    | 600                                   | 1010.4                        | +4                                      | WNW           | 1                | z                    | 57                  | 97                         | 7               | 5                                       | -                           | -                            | 9                             | 9                                     | 1200                | 1                          | 3     | c     | c      | cbeom    | cbeom   |
| 13B                                   | Stornoway                            | 1009.9                               | +12                          | SSE           | 3                     | 2               | 57                  | 92                 | 6                         | 5            | 2               | -                                       | 10            | 10                                    | 1500                                  | 1010.7                        | 0                                       | WNW           | 1                | z                    | 56                  | 97                         | 8               | 5                                       | 2                           | -                            | 7-8                           | 10                                    | 1500                | 1                          | 1     | c     | c      | cbeom    | cbeom   |
| 15                                    | Dalwhinnie                           | 1009.9                               | +4                           | S             | 2                     | 2               | 57                  | 92                 | 6                         | 8            | 2               | -                                       | 7-8           | 10                                    | 800                                   | 1010.7                        | -2                                      | S             | 2                | c                    | 63                  | 75                         | 7               | 5                                       | 6                           | -                            | 7-8                           | 9                                     | 2500                | 1                          | 1     | c     | c      | cbeom    | cbeom   |
|                                       | Aberdeen                             | 1011.8                               | -8                           | ESE           | 2                     | 2               | 62                  | 85                 | 6                         | -            | 7               | -                                       | 0             | 7-8                                   | -                                     | 1011.0                        | -6                                      | SSE           | 1                | z                    | 61                  | 85                         | 6               | -                                       | 9                           | -                            | 0                             | 7-8                                   | -                   | 0                          | 2     | c     | c      | cbeom    | cbeom   |
|                                       | Wick                                 | 1011.3                               | +2                           | SW            | 3                     | 2               | 58                  | 92                 | 7                         | -            | 2               | 0                                       | 3+            | -                                     | -                                     | 1011.5                        | 0                                       | SE            | 2                | c                    | 59                  | 85                         | 7               | 2                                       | 7                           | 2                            | 7                             | 9                                     | 3000                | 1                          | *     | c     | c      | cbeom    | cbeom   |
| 16                                    | Lerwick                              | 1012.5                               | +10                          | SSE           | 3                     | 2               | 57                  | 85                 | 6                         | 5            | 7               | -                                       | 7-8           | 9+                                    | 4500                                  | 1012.0                        | -2                                      | ENE           | 2                | c                    | 57                  | 92                         | 7               | 8                                       | 7                           | -                            | 4-6                           | 7-8                                   | 2500                | 1                          | *     | c     | c      | cbeom    | cbeom   |
| 17                                    | Blackad Point...                     | 1009.6                               | +8                           | W             | 1                     | c               | 62                  | 75                 | 8                         | 5            | 5               | -                                       | 4-6           | 7-8                                   | 2500                                  | 1010.8                        | +6                                      | W             | 2                | bc                   | 61                  | 85                         | 8               | 2                                       | -                           | 4                            | 2-3                           |                                       |                     |                            |       |       |        |          |         |

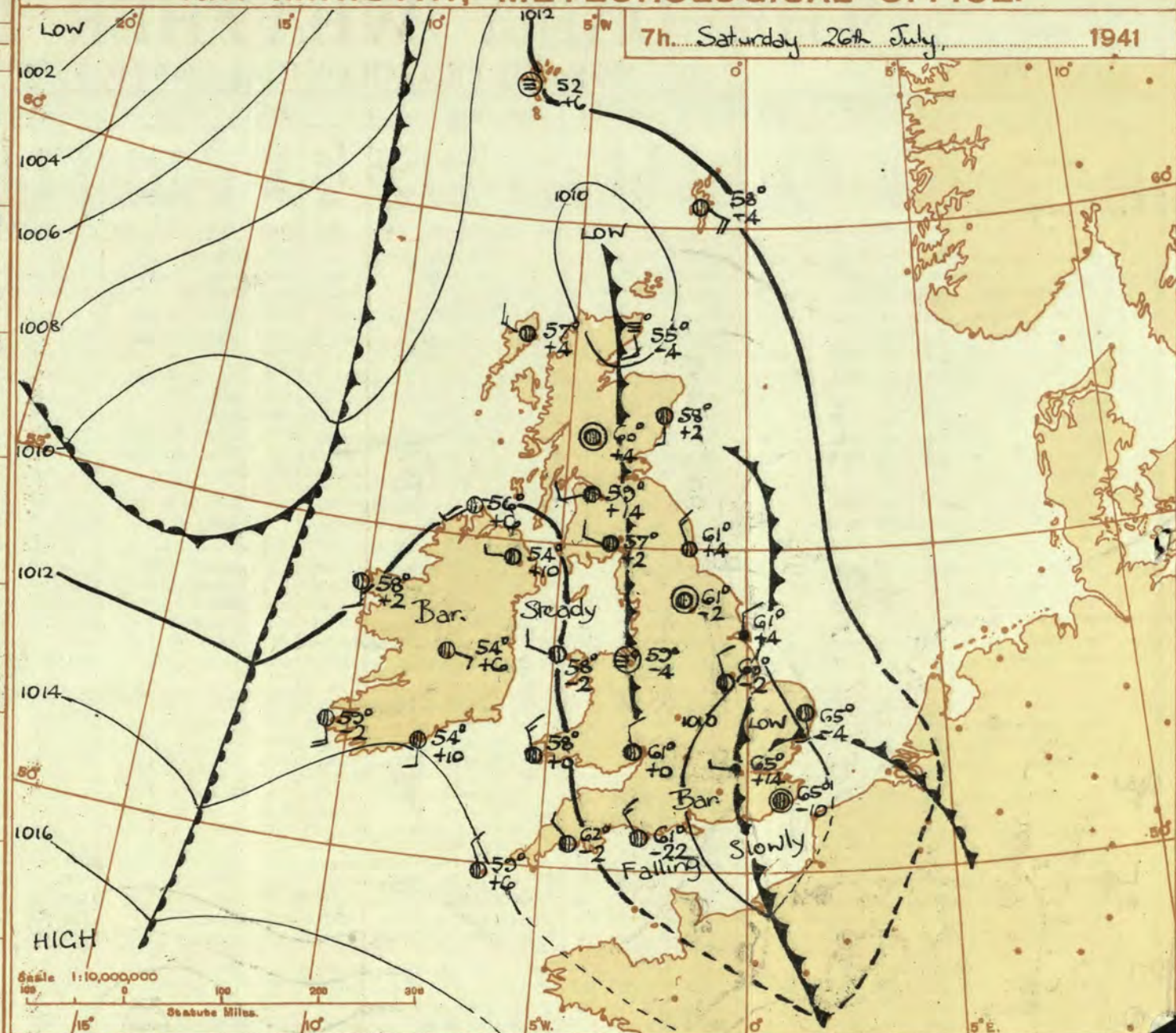


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T. 25th July |                |       |       | 18h. G.M.T.    |       |       |                | 01h. G.M.T. 26th July |       |                |       | 07h. G.M.T. |                |       |       |
|-----------------------|----------------|-------|-------|----------------|-------|-------|----------------|-----------------------|-------|----------------|-------|-------------|----------------|-------|-------|
| III                   | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN | DDFWN | C <sub>u</sub> | wwVhN                 | DDFWN | C <sub>u</sub> | wwVhN | DDFWN       | C <sub>u</sub> | wwVhN | DDFWN |
| 109                   | 07             | 02630 | 8467  | 57             | 02634 | 00067 | 07             | 02500                 | 00022 | --             | 57    | 409         | 11249          |       |       |
| 115                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 203                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 206                   | 52             | 02754 | 14268 | 87             | 02864 | 10165 | 53             | 01864                 | 08165 | 73             | 00665 | 00026       |                |       |       |
| 210                   | 57             | 01864 | 00008 | 53             | 01873 | 07265 | 03             | 08420                 | 00026 | 5-             | 05628 | 20148       |                |       |       |
| 220                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 230                   | 57             | 02757 | 12168 | 53             | 02875 | 00027 | 02             | 17328                 | 24198 | 53             | 00855 | 20147       |                |       |       |
| 240                   | 54             | 02765 | 13367 | 57             | 05565 | 06266 | 5-             | 45338                 | 02168 | 57             | 05647 | 23118       |                |       |       |
| 260                   | 87             | 03-56 | 03128 | 83             | 05653 | 06207 | --             | 46200                 | 00049 | 5-             | 05538 | 23148       |                |       |       |
| 277                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 279                   | 62             | 02864 | 20238 | 40             | 05663 | 20213 |                |                       |       | 5-             | 05638 | 22228       |                |       |       |
| 285                   | 2-             | 11637 | 14427 |                |       |       |                |                       |       | 23             | 01842 | 28315       |                |       |       |
| 288                   | 23             | 02764 | 18217 | 37             | 25755 | 16397 | 50             | 07653                 | 14113 | 57             | 02774 | 18116       |                |       |       |
| 273                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 301                   | 8-             | 25667 | 17887 | 4-             | 02665 | 26225 | 51             | 05653                 | 24114 | 5-             | 05628 | 00028       |                |       |       |
| 321                   | 38             | 01664 | 12417 | 87             | 05663 | 19324 | 8-             | 07514                 | 29284 | 57             | 05654 | 28327       |                |       |       |
| 290                   | 50             | 05653 | 12313 | 50             | 05657 | 14627 |                |                       |       | 5-             | 62548 | 26368       |                |       |       |
| 292                   | 17             | 05661 | 14385 | 5-             | 05647 | 22387 | 50             | 05661                 | 00001 | 5-             | 05657 | 00017       |                |       |       |
| 310                   |                |       |       |                |       |       |                |                       |       | --             | 04528 | 26428       |                |       |       |
| 316                   |                |       |       |                |       |       |                |                       |       |                |       |             |                |       |       |
| 333                   | 8-             | 02767 | 20327 | 24             | 04851 | 20314 |                |                       |       | 23             | 01852 | 32355       |                |       |       |
| 334                   | --             | 09656 | 28116 |                |       |       |                |                       |       | --             | 03646 | 30128       |                |       |       |
| 340                   | 60             | 02765 | 16387 | 26             | 02856 | 22387 | 03             | 05630                 | 28213 | 57             | 05563 | 28124       |                |       |       |
| 136                   | 03             | 02730 | 12417 | 00             | 05730 | 12414 | 03             | 05630                 | 12115 | 07             | 00500 | 32338       |                |       |       |
| 336                   | 53             | 01863 | 16315 | 53             | 01862 | 20413 |                |                       |       | 52             | 03763 | 32328       |                |       |       |
| 350                   | 58             | 01764 | 12387 | 87             | 61764 | 14416 | 07             | 25630                 | 00005 | 52             | 03666 | 00098       |                |       |       |
| 368                   | 14             | 02761 | 23426 |                |       |       |                |                       |       | 86             | 02856 | 26327       |                |       |       |
| 379                   | 10             | 02762 | 12465 | 13             | 02764 | 16325 | 03             | 00700                 | 30312 | 8-             | 05568 | 30368       |                |       |       |
| 390                   | 57             | 02774 | 10266 | 53             | 02764 | 10216 | 57             | 05563                 | 02114 | 52             | 64563 | 24268       |                |       |       |
| 382                   | 14             | 02761 | 14364 | 87             | 25864 | 00087 | 57             | 02765                 | 27228 | 3-             | 03458 | 26298       |                |       |       |
| 438                   | 57             | 02764 | 12317 |                |       |       |                |                       |       | 67             | 64645 | 28495       |                |       |       |
| 430                   | 18             | 01771 | 12314 | 07             | 02764 | 04128 |                |                       |       | 91             | 01758 | 32308       |                |       |       |
| 409                   | 10             | 02862 | 24266 | 54             | 01851 | 26315 | 5-             | 05637                 | 26228 |                |       |             |                |       |       |

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.



DISTRICTS.

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

|                                                         |                                                                                                                    |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                                          | Light variable to westerly winds. Thundery rain at first. Fair with bright intervals later. Rather warm and close. |
| 2 E. England ...                                        |                                                                                                                    |
| 3 E. Midlands ...                                       |                                                                                                                    |
| 4 W. Midlands ...                                       | Light N.W. to W. wind. Fair with some bright intervals. Average temperature.                                       |
| 5 S.W. England                                          |                                                                                                                    |
| 6 South Wales ...                                       |                                                                                                                    |
| 7 North Wales ...                                       |                                                                                                                    |
| 8 N.W. England                                          |                                                                                                                    |
| 9 N. Midlands ...                                       | Light variable winds. Fair at first. Thundery rain later. Some coast fog in east. Average temperature.             |
| 10 N.E. England                                         |                                                                                                                    |
| 11 S.E. Scotland                                        |                                                                                                                    |
| 12 S.W. Scotland & Isle of Man.                         | Light N.W. wind. backing S.W. Fair. Average temperature.                                                           |
| 13 { A.W. Scotl <sup>d</sup> .<br>B.N.W. Scot-<br>land. |                                                                                                                    |
| 14 Mid Scotland                                         | Light variable winds. Cloudy with local rain. Some coast fog. Average temperature.                                 |
| 15 N.E. Scotland                                        |                                                                                                                    |
| 16 Orkneys and Shetlands                                |                                                                                                                    |
| 17 N.W. Ireland                                         | Light to moderate S.W. wind. Fair at first. Rain spreading from the S.W. later. Average temperature.               |
| 18 N.E. Ireland                                         |                                                                                                                    |
| 19 S.E. Ireland                                         | As 4-8.                                                                                                            |
| 20 S.W. Ireland                                         | As 17-18.                                                                                                          |

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

GENERAL INFERENCE.

A small depression over S.E. England. is moving northwards and will cause considerable thundery rain over eastern and midland districts of England. Rain associated with a trough of low pressure off our western coasts will begin to spread across Ireland later today. Elsewhere it will be mainly fair.

FURTHER OUTLOOK.

Occasional rain in the west and north. Mainly fair elsewhere.

Warm front  
Cold front  
Occlusion.

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

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

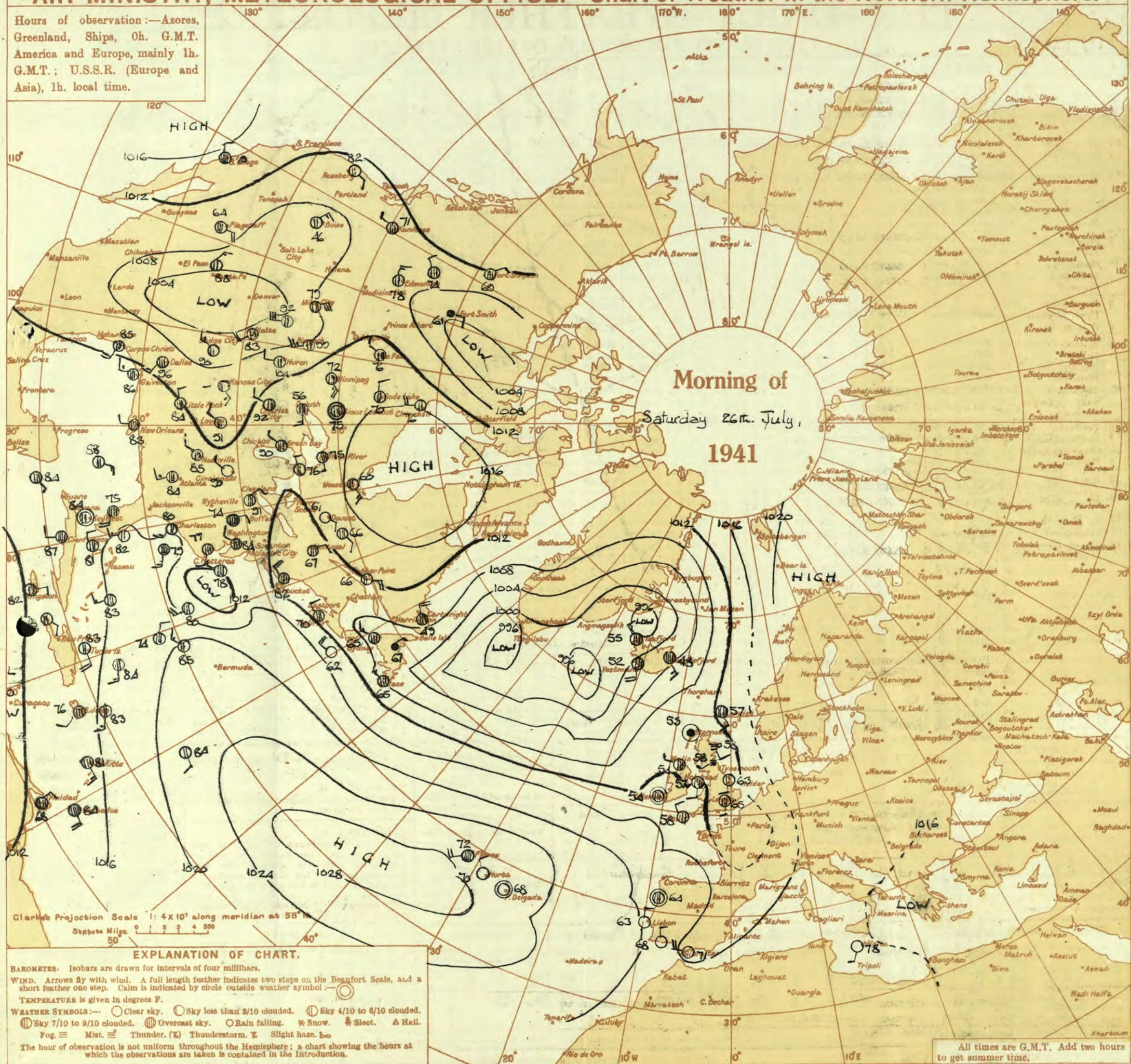
H.M.S.O. Press, Cornwall House, S.E.1.

G. 265. Ws. 0170. D. 6034. Cp. 942. 9300. 5/41



# 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 22nd July 1941  
No. 29101

| OBSERVATIONS at 1 hr. G.M.T. 22nd July |           |                              |                      |                    |        |        |          |           |          |             |        |      |       |       | OBSERVATIONS at 7 hr. G.M.T. 22nd July |                      |                    |                        |        |          |           |          |             |        |      |      |       |       |                      | PAST 24 HOURS. |              |                        |                     |                       |                   |                |                |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   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|----------------------------------------|-----------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|------|-------|-------|----------------------------------------|----------------------|--------------------|------------------------|--------|----------|-----------|----------|-------------|--------|------|------|-------|-------|----------------------|----------------|--------------|------------------------|---------------------|-----------------------|-------------------|----------------|----------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|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| DISTRICT.                              | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |      |       |       |                                        | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.                  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |      |      |       |       | State of Ground. 0-9 | Sea. 0-9       | TEMPERATURE. |                        |                     |                       | RAINFALL.         |                | SUN-SHINE Hrs. |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    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  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                        |           |                              |                      |                    | Direc. | Force. |          |           |          |             | Low.   | Med. | High. | Form. | Amount.                                |                      |                    | Height of Base (feet). | Direc. |          |           |          |             | Force. | Low. | Med. | High. | Form. |                      |                | Amount.      | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. |                | Night 18h-7h mm. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                        |           |                              |                      |                    |        |        |          |           |          |             |        |      |       |       |                                        |                      |                    |                        |        |          |           |          |             |        |      |      |       |       |                      |                |              |                        |                     |                       |                   |                |                |                  | 0-12 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 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### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

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

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

An entry "4-8" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

† Sea disturbance reported from Dungeness.

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:  
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.        |   |    |

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 Co predominating, and a little cirrus.

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

|             |                  |                  |
|-------------|------------------|------------------|
| cus,-Cs:    | Altocumulus,-Ac: | Altostratus,-As  |
| tratus,-Ns: | Cumulus,-Cu:     | Cumulonimbus,-Cb |

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.

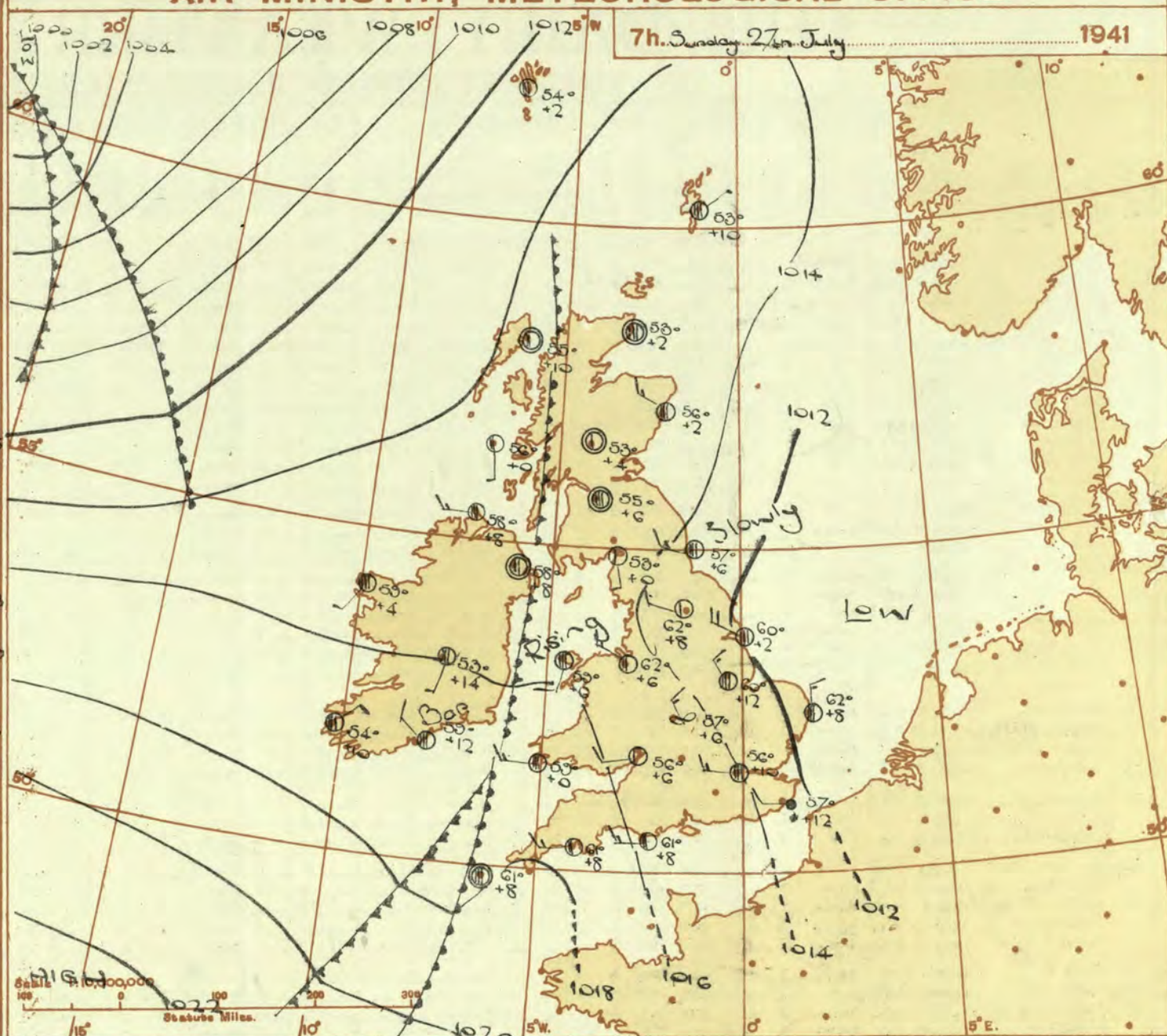


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T.                                                     | 18h. G.M.T.               | 01h. G.M.T.               | 07h. G.M.T.               |
|-----------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| III, C, W, V, N, D, F, W, N                                     | C, C, W, V, N, D, F, W, N | C, C, W, V, N, D, F, W, N | C, C, W, V, N, D, F, W, N |
| 109 5- 02747 24348 53 03846 26528 07 00820 18122 53 02744 06105 |                           |                           |                           |
| 115 52 00834 28360 54 02844 22325 54 02844 12225 54 02844 10126 |                           |                           |                           |
| 203 5+ 01944 16325 5- 02847 04127                               |                           |                           |                           |
| 206 50 02865 24227 52 02865 32227 52 02755 08128 53 02855 06127 |                           |                           |                           |
| 210 77 02855 26327 57 02854 07228 57 02855 06228 53 02865 06325 |                           |                           |                           |
| 220                                                             |                           |                           |                           |
| 230 24 01953 20313 20 01961 20214 04 00820 00001 5- 02867 04117 |                           |                           |                           |
| 245 25 05663 20325 51 05664 38428 5- 41435 06145 70 01864 28114 |                           |                           |                           |
| 260 24 02853 22315 11 02861 24126 50 00761 20111 50 05645 22215 |                           |                           |                           |
| 277                                                             |                           |                           |                           |
| 279 80 02753 20326 83 01863 20325 03 00820 00013 03 00820 00013 |                           |                           |                           |
| 285 5- 03858 24328                                              |                           |                           |                           |
| 288 5- 61458 06228 52 05657 06168 5- 45248 00048 03 05690 25144 |                           |                           |                           |
| 273                                                             |                           |                           |                           |
| 301 51 05625 28227 13 01861 13125 03 01720 28313 53 01874 28305 |                           |                           |                           |
| 321 62 62833 28368 6- 64438 28168 00 08420 26110 05 05620 27215 |                           |                           |                           |
| 299 5- 64568 30368 -- 67303 30463 -- 46303 30445 50 05645 30445 |                           |                           |                           |
| 292 02 64548 00068 52 61644 00068 5- 22548 28268 53 00851 28212 |                           |                           |                           |
| 310                                                             |                           |                           |                           |
| 316                                                             |                           |                           |                           |
| 333 23 02863 01326 43 01851 28214 5- 02865 32125 5- 02848 00028 |                           |                           |                           |
| 334 -- 02756 28127                                              |                           |                           |                           |
| 340 57 02855 32327 84 01863 28325 54 05662 28124 53 00862 24223 |                           |                           |                           |
| 136 50 61633 28268 5- 62418 28468 5- 22528 28368 5- 03538 30358 |                           |                           |                           |
| 336 53 01763 32315 53 01862 28414                               |                           |                           |                           |
| 350 62 62635 02278 62 53536 27268 02 22568 20368 57 02763 26328 |                           |                           |                           |
| 368                                                             |                           |                           |                           |
| 379 8- 81568 30388 53 21551 30368 03 05523 32412 50 01865 26315 |                           |                           |                           |
| 390 53 05645 30227 53 22646 28268 62 58427 28368 5- 51668 26368 |                           |                           |                           |
| 382 52 63447 28268 53 05644 30325 03 05520 28263 57 02865 25328 |                           |                           |                           |
| 438                                                             |                           |                           |                           |
| 430                                                             |                           |                           |                           |
| 409 17 02852 27425 14 01852 27413 54 01744 20214                |                           |                           |                           |

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, Nh - 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.






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-10000

| DISTRICTS.                                               | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 27th July, 1941.                                                       |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                                           | Light or moderate N.W. wind backing W; dull and rainy at first, bright periods later today; average temperature.                    |
| 2 E. England ...                                         |                                                                                                                                     |
| 3 E. Midlands ...                                        | Light W. to N.W. wind; fair; average temperature.                                                                                   |
| 4 W. Midlands ...                                        |                                                                                                                                     |
| 5 S.W. England                                           | Light S.W. to W. wind; variable cloud, slight rain locally; average temperature.                                                    |
| 6 South Wales ...                                        |                                                                                                                                     |
| 7 North Wales ...                                        |                                                                                                                                     |
| 8 N.W. England                                           |                                                                                                                                     |
| 9 N. Midlands ...                                        |                                                                                                                                     |
| 10 N.E. England                                          | Light or moderate N. wind; cloudy at first, dull with rain later; some coastal fog; temperature somewhat below average.             |
| 11 S.E. Scotland                                         |                                                                                                                                     |
| 12 S.W. Scotland & Isle of Man.                          | Light westerly wind; variable cloud, slight local rain; average temperature.                                                        |
| 13 { A. W. Scotl <sup>d</sup> .<br>B.N.W. Scot-<br>land. |                                                                                                                                     |
| 14 Mid Scotland                                          |                                                                                                                                     |
| 15 N. E. Scotland                                        | Light N.E. or variable wind, mainly cloudy, occasional rain or drizzle later, some coastal fog; temperature somewhat below average. |
| 16 Orkneys and Shetlands                                 |                                                                                                                                     |
| 17 N. W. Ireland                                         | Light W. wind; fair; average temperature.                                                                                           |
| 18 N. E. Ireland                                         |                                                                                                                                     |
| 19 S. E. Ireland                                         |                                                                                                                                     |
| 20 S. W. Ireland                                         |                                                                                                                                     |

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

**GENERAL INFERENCE.**  
A depression over the Southern North Sea is moving slowly N. and a feeble ridge of high pressure over western districts is moving slowly east. There will be rain at first in East Anglia and S.E. England but conditions will improve slowly later and weather become fair. In the West there will be considerable bright intervals but also local showers. later. Weather will be fair at first in the North apart from local coast fog, but rain may occur later in E. Scotland and N.E. England.

**FURTHER OUTLOOK.**  
Fair in the South, unsettled in the North.

Warm front   
Cold front   
Occlusion. 

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

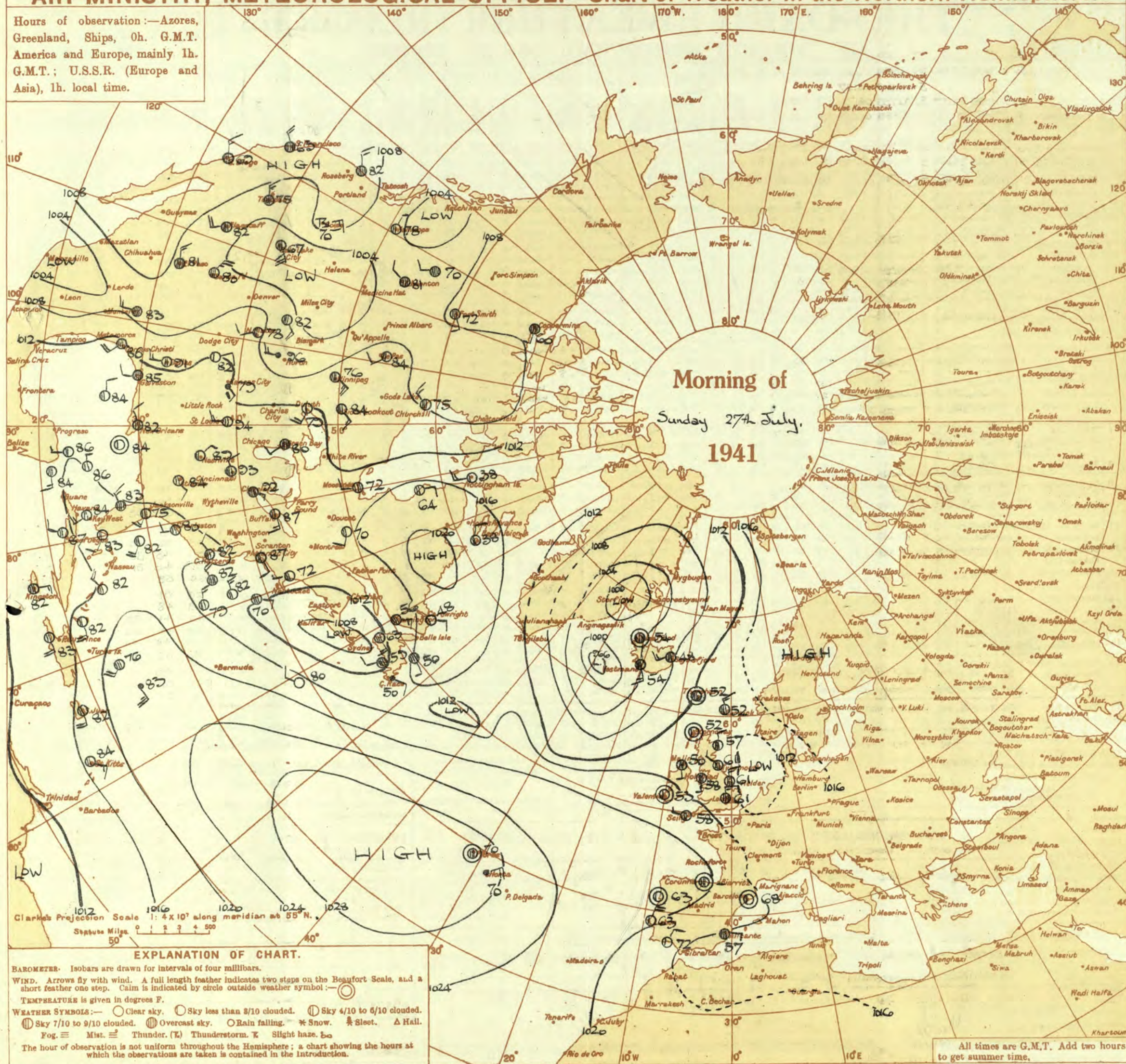
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

G. 205 Ws. 9176. 2. 6034. 6. 949. 3300. 3/41



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 27th July |                                                                                                                                     |                                             |                                                          |                                  |                                      |                            |                                  |                                  |                                  |                            |                            |                            |                            |                                                          | OBSERVATIONS at 7 hr. G.M.T. 27th July |                                      |                            |                                 |                                  |                                  |                            |                            |                            |                                        |                                              |                                         |                                  |                                  |                                  | 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 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.                       |             |           |      |      |       |  |                  |
|                                        |                                                                                                                                     |                                             |                                                          |                                  |                                      |                            |                                  |                                  |                                  |                            |                            | Low.                       | Med.                       |                                                          |                                        | High.                                | Low.                       |                                 |                                  |                                  |                            |                            |                            | Med.                                   | High.                                        |                                         |                                  |                                  | Low.                             |                                  |                                   |                                 |                                        | Med.        | High.     | Low. | Med. | High. |  |                  |
| 1                                      | London (Kew) ...<br>Croydon ...<br>S. Farnborough ...<br>Boscombe Down ...<br>Thorney Island ...<br>Lymington ...<br>Manston ...    | 18<br>217<br>226<br>417<br>10<br>346<br>154 | 1012.7<br>1012.8<br>1012.4<br>1013.2<br>1012.4<br>1011.0 | +0<br>+0<br>+8<br>+0<br>+2<br>+2 | NW<br>NNW<br>NNW<br>WN<br>WNW<br>NW  | 3<br>3<br>2<br>3<br>3<br>3 | bc<br>bc<br>bc<br>bc<br>bc<br>bc | 61<br>60<br>57<br>62<br>64<br>62 | 87<br>87<br>86<br>85<br>87<br>87 | 5<br>5<br>7<br>5<br>4<br>5 | -<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>- | 1014.1<br>1014.1<br>1014.6<br>1015.0<br>1015.0<br>1012.0 | +8<br>+10<br>+10<br>+6<br>+14<br>+12   | WSW<br>WNW<br>WN<br>NW<br>WNW<br>WNW | 2<br>3<br>3<br>3<br>3<br>2 | c<br>c<br>c<br>bc<br>bc<br>bc   | 58<br>58<br>55<br>53<br>58<br>57 | 75<br>85<br>85<br>85<br>86<br>65 | 7<br>5<br>8<br>8<br>5<br>5 | 2<br>5<br>2<br>2<br>2<br>6 | -<br>-<br>-<br>-<br>-<br>- | 4-6<br>4-6<br>4-6<br>4-6<br>2-3<br>4-6 | 10<br>10<br>10<br>10<br>450<br>10            | 2500<br>2000<br>5700<br>-<br>450<br>500 | 1<br>1<br>1<br>0<br>1<br>1       | 70<br>69<br>69<br>68<br>74<br>76 | 57<br>55<br>54<br>50<br>57<br>57 | 54<br>54<br>50<br>44<br>56<br>56 | 14<br>9<br>4<br>0.1<br>3<br>4     | 1<br>1<br>-<br>0.2<br>-<br>30   | 0.0<br>0.0<br>0.0<br>0.1<br>0.1<br>1.7 |             |           |      |      |       |  |                  |
| 2                                      | Shoeburyness ...<br>Felixstowe ...<br>Gorleston ...<br>Mildenhall ...<br>Cranwell ...                                               | 11<br>15<br>5<br>19<br>240                  | 1010.7<br>1010.2<br>1011.1<br>1011.4                     | +0<br>+2<br>+4<br>0              | NW<br>NNW<br>NNW<br>NNW              | 3<br>3<br>3<br>2           | bc<br>bc<br>bc<br>bc             | 61<br>62<br>61<br>58             | 82<br>87<br>87<br>86             | 5<br>6<br>5<br>5           | -<br>-<br>-<br>-           | -<br>-<br>-<br>-           | -<br>-<br>-<br>-           | 1011.1<br>1011.7<br>1012.1<br>1012.6                     | +8<br>+8<br>+10<br>+12                 | WN<br>WNW<br>NNW<br>WNW              | 5<br>3<br>3<br>3           | c<br>c<br>c<br>c                | 57<br>61<br>62<br>60             | 87<br>85<br>82<br>85             | 6<br>6<br>6<br>7           | 2<br>-<br>-<br>-<br>8      | -<br>-<br>-<br>-<br>0      | 4-6<br>10<br>10<br>10<br>0             | 1500<br>1200<br>800<br>800<br>7-8            | 1<br>1<br>1<br>1<br>1                   | 77<br>75<br>72<br>72<br>61       | 57<br>61<br>60<br>58<br>58       | 47<br>61<br>60<br>58<br>56       | 6<br>2<br>1<br>15<br>30          | 0<br>0.1<br>5<br>1<br>1           | 1.2<br>1.7<br>0.6<br>0.6<br>0.0 |                                        |             |           |      |      |       |  |                  |
| 3                                      | Birmingham ...<br>Upper Heyford ...<br>Ross-on-Wye ...                                                                              | 535<br>408<br>223                           | 1013.2<br>1013.2                                         | +4<br>+4                         | NNW<br>NNW                           | 3<br>3                     | bc<br>bc                         | 60<br>58                         | 85<br>85                         | 5<br>5                     | -<br>-                     | -<br>-                     | -<br>-                     | 1014.0<br>1014.0<br>1015.2                               | +6<br>+6<br>+6                         | NW<br>WNW<br>WS                      | 3<br>4<br>2                | c<br>c<br>c                     | 57<br>56<br>56                   | 65<br>75<br>75                   | 6<br>8<br>9                | 5<br>5<br>8                | -<br>7<br>3                | 1<br>6<br>3                            | 4-6<br>4-6<br>4-6                            | 2500<br>5700<br>4000                    | 1<br>1<br>0                      | 67<br>63<br>70                   | 55<br>53<br>49                   | 57<br>61<br>44                   | 0.5<br>18<br>-                    | -<br>-<br>-                     | 0.8<br>-<br>0.6                        |             |           |      |      |       |  |                  |
| 4                                      | Hartland Point ...<br>Bristol ...<br>Portland Bill ...<br>Plymouth ...<br>The Lizard ...<br>Scilly (St. Mary's) ...<br>Guernsey ... | 299<br>209<br>32<br>82<br>240<br>163<br>175 | 1016.1<br>1014.8<br>1014.3<br>1016.7<br>1016.8<br>1016.8 | +4<br>+10<br>+6<br>+10<br>0<br>0 | WNW<br>WNW<br>NW<br>NW<br>WNW<br>WNW | 3<br>2<br>3<br>3<br>2<br>1 | bc<br>bc<br>bc<br>bc<br>bc<br>bc | 60<br>55<br>58<br>57<br>57<br>58 | 85<br>85<br>82<br>87<br>87<br>82 | 5<br>8<br>7<br>8<br>7<br>8 | -<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>- | 1016.5<br>1016.3<br>1015.1<br>1017.3<br>1018.6<br>1017.6 | +4<br>+10<br>+8<br>+6<br>+8<br>+8      | WNW<br>-<br>W<br>W<br>WNW<br>-       | 3<br>-<br>3<br>1<br>2<br>- | c<br>bc<br>bc<br>c<br>bc<br>cjp | 61<br>54<br>61<br>57<br>62<br>61 | 82<br>82<br>82<br>87<br>88<br>82 | 8<br>8<br>8<br>8<br>8<br>8 | -<br>-<br>-<br>-<br>-<br>- | -<br>4<br>-<br>3<br>6<br>- | 7-8<br>4-6<br>4-6<br>10<br>4-6<br>3-4  | 2200<br>-<br>4000<br>7200<br>2500<br>1500    | 0<br>0<br>0<br>2<br>2<br>0              | 64<br>63<br>64<br>73<br>66<br>70 | 58<br>49<br>57<br>52<br>53<br>57 | 53<br>38<br>40<br>40<br>40<br>40 | 14<br>14<br>0.3<br>-<br>-<br>-   | 2<br>-<br>-<br>-<br>-<br>-        | 0.0<br>0.0<br>8.9<br>5.0<br>8.9 |                                        |             |           |      |      |       |  |                  |
| 5                                      | Pembroke ...<br>Holyhead (Valley) ...<br>Chester (Sealand) ...<br>Manchester ...                                                    | 142<br>26<br>16<br>70                       | 1016.6<br>1014.1<br>1013.8<br>1013.6                     | +10<br>-2<br>+2<br>+2            | WS<br>S<br>WNW<br>W                  | 1<br>2<br>3<br>1           | c<br>c<br>bc<br>bc               | 58<br>58<br>56<br>52             | 87<br>85<br>75<br>87             | 7<br>7<br>7<br>5           | -<br>-<br>-<br>-           | -<br>-<br>-<br>-           | -<br>-<br>-<br>-           | 1018.4<br>1014.8<br>1014.7<br>1014.6                     | 0<br>+6<br>+6<br>+10                   | WNW<br>SSW<br>NW<br>WNW              | 3<br>2<br>3<br>2           | c<br>c<br>bc<br>bc              | 58<br>58<br>62<br>58             | 87<br>82<br>78<br>82             | 8<br>9<br>9<br>6           | -<br>5<br>-<br>4           | -<br>-<br>-<br>-           | 7-8<br>3-4<br>4-6<br>10                | 3000<br>2500<br>-<br>-                       | 0<br>0<br>0<br>1                        | 64<br>67<br>65<br>72             | 52<br>56<br>51<br>49             | 52<br>49<br>40<br>40             | -<br>-<br>-<br>-                 | -<br>-<br>-<br>-                  | 8.4<br>3.5<br>0.3               |                                        |             |           |      |      |       |  |                  |
| 6                                      | Spurn Head ...<br>Catterick ...<br>Tynemouth ...                                                                                    | 29<br>175<br>108                            | 1010.8<br>1012.3<br>1013.1                               | 0<br>+2<br>0                     | NW<br>NNW<br>WNW                     | 3<br>1<br>2                | bc<br>bc<br>bc                   | 61<br>60<br>61                   | 82<br>85<br>82                   | 6<br>5<br>5                | -<br>-<br>-                | -<br>-<br>-                | -<br>-<br>-                | 1011.0<br>1013.3<br>1013.6                               | +2<br>+8<br>+6                         | NW<br>NNW<br>WNW                     | 4<br>2<br>3                | c<br>bc<br>c                    | 60<br>62<br>67                   | 82<br>65<br>75                   | 8<br>7<br>6                | -<br>5<br>8                | 2<br>1<br>3                | 3<br>1<br>3                            | 3<br>1<br>3                                  | 2500<br>7200<br>1800                    | 1<br>1<br>0                      | 61<br>71<br>68                   | 58<br>56<br>57                   | 51<br>61<br>65                   | 14<br>0.6<br>-                    | 2<br>0.1<br>-                   | 0.0<br>2.1<br>-                        |             |           |      |      |       |  |                  |
| 7                                      | St. Abbs Head ...<br>Leuchars ...<br>Renfrew (Abbots L.) ...<br>Eskdalemuir ...<br>Point of Ayre ...                                | 280<br>36<br>19<br>794<br>30                | 1012.6<br>1013.4<br>1013.9<br>1014.2<br>1014.2           | +2<br>+6<br>+6<br>+0<br>+0       | W<br>E<br>-<br>-<br>W                | 4<br>2<br>0<br>-<br>2      | c<br>bc<br>bc<br>bc<br>bc        | 58<br>56<br>48<br>58<br>58       | 85<br>87<br>85<br>85<br>85       | 7<br>4<br>5<br>5<br>8      | -<br>-<br>-<br>-<br>-      | -<br>-<br>-<br>-<br>-      | -<br>-<br>-<br>-<br>-      | 1016.7<br>1014.2<br>1015.0<br>1014.0<br>1014.5           | +8<br>+4<br>+6<br>+6<br>+2             | W<br>W<br>-<br>SE<br>-               | 4<br>2<br>-<br>1<br>0      | c<br>bc<br>bc<br>bc<br>bc       | 54<br>58<br>55<br>53<br>60       | 87<br>82<br>85<br>85<br>85       | 8<br>6<br>5<br>5<br>8      | -<br>5<br>3<br>4<br>4      | -<br>-<br>-<br>-<br>-      | 10<br>4-6<br>4-6<br>10<br>2-3          | 10<br>10<br>10<br>10<br>4000                 | 1<br>0<br>0<br>1<br>0                   | 65<br>73<br>71<br>68<br>66       | 53<br>56<br>45<br>40<br>53       | 52<br>52<br>38<br>31<br>*        | -<br>-<br>-<br>-<br>-            | 0.4<br>3.0<br>11.0<br>5.1<br>11.7 |                                 |                                        |             |           |      |      |       |  |                  |
| 8                                      | Tiree ...<br>Stornoway ...<br>Dalwhinnie ...<br>Aberdeen ...<br>Wick ...<br>Lerwick ...                                             | 22<br>80<br>1176<br>79<br>150<br>150        | 1014.4<br>1014.4<br>1014.4<br>1014.4<br>1014.4<br>1014.0 | +2<br>+2<br>+2<br>+2<br>+2<br>+8 | -<br>-<br>-<br>-<br>WNW<br>NNW       | 0<br>0<br>1<br>1<br>3<br>3 | bc<br>bc<br>bc<br>bc<br>bc<br>bc | 52<br>52<br>52<br>52<br>52<br>52 | 87<br>87<br>87<br>87<br>87<br>87 | 7<br>5<br>5<br>5<br>4<br>5 | -<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>-<br>- | 1014.8<br>1015.8<br>1015.0<br>1014.3<br>1015.2<br>1015.7 | +10<br>+4<br>+2<br>+2<br>+10<br>+10    | -<br>-<br>-<br>NNW<br>-<br>NE        | 1<br>0<br>0<br>3<br>1<br>0 | bc<br>bc<br>bc<br>c<br>c<br>c   | 56<br>56<br>53<br>57<br>53<br>53 | 87<br>87<br>85<br>85<br>87<br>87 | 7<br>5<br>8<br>7<br>8<br>8 | 5<br>8<br>1<br>-<br>3<br>5 | -<br>-<br>-<br>-<br>-<br>- | 2-3<br>2-3<br>10<br>3-4<br>4-6<br>3-4  | 2800<br>1500<br>2500<br>3100<br>5000<br>4000 | 0<br>0<br>0<br>0<br>0<br>0              | 63<br>66<br>67<br>64<br>60<br>60 | 51<br>41<br>55<br>48<br>51<br>52 | 48<br>35<br>52<br>44<br>44<br>51 | 0.1<br>-<br>-<br>-<br>-<br>*     | -<br>-<br>-<br>-<br>-<br>*        | 12.4<br>6.0<br>2.2<br>3.8<br>*  |                                        |             |           |      |      |       |  |                  |
| 9                                      | Blacksod Point ...<br>Malin Head ...<br>Aldergrove ...                                                                              | 18<br>84<br>268                             | 1014.4<br>1013.3<br>1014.4                               | +4<br>-4<br>+2                   | -<br>S<br>-                          | 0<br>2<br>0                | bc<br>bc<br>bc                   | 50<br>56<br>54                   | 87<br>82<br>82                   | 8<br>7<br>7                | -<br>2<br>5                | -<br>-<br>-                | -<br>-<br>-                | 1014.8<br>1014.2<br>1015.0                               | +4<br>+8<br>+8                         | SW<br>W<br>-                         | 1<br>3<br>0                | c<br>c<br>bc                    | 58<br>58<br>58                   | 85<br>85<br>87                   | 8<br>8<br>8                | -<br>2<br>5                | -<br>-<br>-                | -<br>4<br>-                            | 0<br>4-6<br>4-6                              | 7-8<br>7-3<br>4-6                       | -<br>4000<br>4500                | 0<br>0<br>1                      | 64<br>62<br>70                   | 49<br>51<br>51                   | 49<br>45<br>45                    | 14<br>-<br>-                    | -<br>-<br>-                            | 10.3<br>6.8 |           |      |      |       |  |                  |
| 10                                     | Birr Castle ...<br>Valentia Obsy. ...<br>Roches Point ...                                                                           | 173<br>30<br>22                             | 1014.6<br>1016.6<br>1016.6                               | +6<br>+6<br>+0                   | WSW<br>-<br>W                        | 1<br>1<br>1                | bc<br>bc<br>bc                   | 57<br>58<br>58                   | 87<br>87<br>82                   | 8<br>7<br>8                | -<br>-<br>-                | -<br>-<br>-                | -<br>-<br>-                | 1016.7<br>1017.4<br>1016.8                               | +14<br>+10<br>+12                      | SSW<br>NE<br>NW                      | 1<br>2<br>2                | c<br>c<br>c                     | 53<br>54<br>54                   | 87<br>87<br>82                   | 8<br>8<br>8                | 5<br>5<br>5                | -<br>7<br>-                | -<br>-<br>-                            | 3<br>3<br>7-8                                | 10<br>10<br>7-8                         | 2500<br>4000<br>2500             | 1<br>1<br>1                      | 72<br>64<br>65                   | 53<br>48<br>58                   | 50<br>42<br>42                    | 0.2<br>0.1<br>0.6               | 1<br>0.1<br>0.5                        | 7.7<br>0.0  |           |      |      |       |  |                  |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

# SECRET

 BRITISH SECTION  
 Monday 28th July 1941  
 No. 23103

| OBSERVATIONS at 13h. G.M.T. 27th July |                                      |                               |                       |        |        |          |              |             |                    |        |         |                              |        | OBSERVATIONS at 18h. G.M.T. 27th July |                               |                       |        |         |          |              |             |                    |                              |                       |                        |                       |                      | PAST 24 HOURS.             |             |          |          |          |        |        |        |       |
|---------------------------------------|--------------------------------------|-------------------------------|-----------------------|--------|--------|----------|--------------|-------------|--------------------|--------|---------|------------------------------|--------|---------------------------------------|-------------------------------|-----------------------|--------|---------|----------|--------------|-------------|--------------------|------------------------------|-----------------------|------------------------|-----------------------|----------------------|----------------------------|-------------|----------|----------|----------|--------|--------|--------|-------|
| DISTRICT.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind.  |        | Weather. | Temp.<br>°F. | Humid.<br>% | Visiblity.<br>0-10 | Cloud. |         |                              |        |                                       | Barom.<br>at<br>M.S.L.<br>mb. | Change in<br>8 hours. | Wind.  |         | Weather. | Temp.<br>°F. | Humid.<br>% | Visiblity.<br>0-10 | Cloud.                       |                       |                        |                       |                      | State of<br>Ground.<br>0-9 | Sea.<br>0-9 | WEATHER. |          |          |        |        |        |       |
|                                       |                                      |                               |                       | Direc. | Force. |          |              |             |                    | Form.  | Amount. | Height of<br>Base.<br>(feet) | Direc. | Force.                                |                               |                       | Form.  | Amount. |          |              |             |                    | Height of<br>Base.<br>(feet) | 7h.—13h.<br>...27h... | 13h.—18h.<br>...27h... | 18h.24h.<br>1h.28h... | 1h.—7h.<br>...28h... |                            |             |          |          |          |        |        |        |       |
|                                       |                                      |                               |                       |        |        |          |              |             |                    |        |         |                              |        |                                       |                               |                       |        |         |          |              |             |                    |                              |                       |                        |                       |                      |                            |             | Low.     | Med.     | High     | Low    | Total  | Low    | Total |
|                                       |                                      | (1)                           | (2)                   | (3)    | (4)    | (5)      | (6)          | (7)         | (8)                | (9)    | (10)    | (11)                         | (12)   | (13)                                  | (14)                          | (15)                  | (16)   | (17)    | (18)     | (19)         | (20)        | (21)               | (22)                         | (23)                  | (24)                   | (25)                  | (26)                 | (27)                       | (28)        | (29)     | (30)     | (37)     | (38)   | (39)   | (40)   |       |
| 1                                     | London (Kew)...                      | 1014.4                        | -6                    | NWN    | 3      | c        | 70           | 55          | 8                  | 8      | 5       | 5                            | 2-3    | 7-8                                   | 2500                          | 1014.2                | -6     | NWN     | 3        | bc           | 74          | 55                 | 8                            | 8                     | 1                      | 4-6                   | 4-6                  | 2500                       | 1           | *        | crd.cmay | cybcy    | bcw    | cbcbmw |        |       |
|                                       | Croydon ...                          | 1014.7                        | -8                    | NWN    | 3      | c        | 72           | 65          | 7                  | 1      | 3       | 3                            | 2-3    | 7-8                                   | 2500                          | 1014.3                | +2     | NWN     | 2        | bc           | 74          | 75                 | 8                            | 2                     | 2                      | 2-3                   | 4-6                  | 3000                       | 0           | *        | cidm.c   | ccybcy   | bcybcy | bcwbc  |        |       |
|                                       | S. Farnborough                       | 1014.9                        | -2                    | NWN    | 3      | c        | 72           | 55          | 8                  | 1      | 3       | 8                            | 1      | 9                                     | 5000                          | 1014.6                | -2     | WN      | 3        | bc           | 72          | 65                 | 8                            | 2                     | 6                      | 8                     | 2-3                  | 4-6                        | 5000        | 1        | *        | cidm.ccy | bcy    | bcybcy | bcwbc  |       |
|                                       | Boscombe Down                        | 1015.5                        | -4                    | NWN    | 3      | bc       | 72           | 55          | 8                  | 1      | -       | 8                            | 4-6    | 4-6                                   | 3000                          | 1015.6                | +2     | NWN     | 4        | bc           | 70          | 65                 | 9                            | 2                     | 3                      | -                     | 2-3                  | 2-3                        | 3000        | 0        | *        | bcmy     | bcybcy | bpc    | bc     |       |
|                                       | Thorney Island                       | 1015.3                        | -2                    | NW     | 3      | c        | 73           | 55          | 5                  | 1      | 6       | 3                            | 1      | 7-8                                   | 4000                          | 1015.3                | +2     | W       | 3        | bc           | 71          | 75                 | 8                            | 2                     | 4                      | -                     | 4-6                  | 4-6                        | 4000        | 0        | *        | cbey     | bcy    | bcybcy | bcwbc  |       |
|                                       | Lympe ...                            | 1015.4                        | +4                    | S      | 1      | z        | 62           | 92          | 8                  | 5      | 1       | 10                           | 10     | 200                                   | 1014.9                        | -2                    | SW     | 2       | bc       | 67           | 85          | 8                  | 4                            | -                     | 3                      | Tr                    | 2-3                  | 6000                       | 1           | *        | cmor     | cbcmob   | bcybcy | bcwbc  |        |       |
|                                       | Manston ...                          | 1013.5                        | 0                     | NWN    | 1      | z        | 68           | 75          | 6                  | 5      | 7       | -                            | 2-3    | 9+                                    | 2000                          | 1013.7                | +2     | NWN     | 2        | c            | 71          | 75                 | 7                            | 5                     | 7                      | -                     | 7-8                  | 9+                         | 2500        | 1        | *        | crd.cmay | cybcy  | bcw    | cbcbmw |       |
| 2                                     | Shoeburyness ...                     | 1013.7                        | -4                    | NWN    | 3      | c        | 70           | 75          | 6                  | 8      | 3       | -                            | 4-6    | 5                                     | 2500                          | 1013.8                | +2     | NWN     | 3        | bc           | 73          | 85                 | 7                            | 8                     | 4                      | 1                     | 2-3                  | 4-6                        | 2500        | 1        | *        | rcf.czo  | cbcz   | bcw    | cbcbmw |       |
|                                       | Felixstowe ...                       | 1012.5                        | +2                    | NWN    | 3      | z        | 71           | 65          | 6                  | 5      | -       | -                            | 4-6    | 4-6                                   | 2000                          | 1012.9                | +4     | SSE     | 2        | pr           | 68          | 85                 | 7                            | 8                     | 7                      | -                     | 7-8                  | 10                         | 3000        | 0        | 1        | om.c     | cypr   | bcybcy | bcwbc  |       |
|                                       | Gorleston ...                        | 1012.2                        | +8                    | NWN    | 3      | c        | 67           | 75          | 6                  | 8      | 3       | -                            | 4-6    | 3+                                    | 1500                          | 1012.9                | +6     | NWN     | 2        | c            | 67          | 65                 | 6                            | 5                     | -                      | -                     | 10                   | 10                         | 500         | 0        | 2        | ozc      | c      | bcybcy | bcwbc  |       |
|                                       | Mildenhall ...                       | 1012.8                        | +2                    | NWN    | 4      | bc       | 72           | 65          | 7                  | 7      | 1       | -                            | 4-6    | 4-6                                   | 3200                          | 1012.8                | 0      | W       | 2        | c            | 69          | 75                 | 8                            | 7                     | 7                      | -                     | 7-8                  | 9+                         | 4000        | 1        | *        | cbc      | bc     | bcybcy | bcwbc  |       |
|                                       | Cranwell ...                         | 1012.5                        | -6                    | NW     | 4      | bc       | 74           | 45          | 8                  | 1      | 7       | 1                            | 2-3    | 4-6                                   | 3000                          | 1012.6                | +2     | NWN     | 4        | bc           | 73          | 55                 | 7                            | 8                     | 3                      | -                     | 4-6                  | 4-6                        | 2500        | 0        | *        | bcy      | bcy    | bcybcy | bcwbc  |       |
| 3                                     | Birmingham                           | 1014.6                        | -2                    | NW     | 3      | bc       | 72           | 45          | 8                  | 7      | -       | 1                            | 4-6    | 4-6                                   | 4000                          | 1014.2                | 0      | NWN     | 3        | c            | 69          | 65                 | 8                            | 8                     | -                      | -                     | 9                    | 9                          | 2500        | 0        | *        | bc       | bc     | bcybcy | bcwbc  |       |
|                                       | Upper Heyford                        | 1014.5                        | -4                    | NWN    | 3      | c        | 71           | 55          | 7                  | 7      | 4       | 2                            | 2-3    | 7-8                                   | 3500                          | 1013.9                | -2     | NWN     | 3        | bc           | 73          | 8                  | 8                            | 3                     | -                      | -                     | 2-3                  | 4-6                        | 3200        | 0        | *        | cbcy     | bc     | bcybcy | bcwbc  |       |
| 4                                     | Ross-on-Wye ...                      | 1015.4                        | -4                    | W      | 3      | c        | 71           | 65          | 5                  | 8      | 3       | 1                            | 7-8    | 9+                                    | 4000                          | 1014.8                | -4     | NW      | 3        | bc           | 72          | 65                 | 9                            | 8                     | -                      | -                     | 4-6                  | 4-6                        | 4000        | 0        | *        | bcy      | bcy    | bcybcy | bcwbc  |       |
| 5                                     | Hartland Point                       | 1017.7                        | +6                    | W      | 3      | c        | 64           | 92          | 8                  | 8      | 1       | -                            | 4-6    | 5                                     | 2000                          | 1017.0                | -2     | W       | 3        | bc           | 66          | 85                 | 9                            | 2                     | 4                      | -                     | 2-3                  | 4-6                        | 2500        | 0        | 2        | cir      | bc     | bc     | bcwbc  |       |
|                                       | Bristol ...                          | 1016.2                        | -2                    | W      | 3      | bc       | 71           | 75          | 8                  | 2      | 6       | -                            | 4-6    | 4-6                                   | 3000                          | 1016.2                | +2     | W       | 4        | bc           | 69          | 75                 | 8                            | 8                     | 6                      | -                     | 2-3                  | 2-3                        | 3000        | 0        | *        | bcwbc    | bc     | bc     | bcwbc  |       |
|                                       | Portland Bill                        | 1016.5                        | +2                    | WSW    | 3      | bc       | 63           | 92          | 8                  | 2      | -       | -                            | 4-6    | 4-6                                   | 4000                          | 1016.0                | +6     | SW      | 4        | bc           | 62          | 92                 | 8                            | 2                     | -                      | -                     | 4-6                  | 4-6                        | 4000        | 0        | 3        | bc       | bc     | bc     | bcwbc  |       |
|                                       | Plymouth ...                         | 1018.1                        | +2                    | NWN    | 4      | bc       | 66           | 75          | 8                  | 2      | -       | -                            | 4-6    | 4-6                                   | 3500                          | 1017.8                | -2     | NW      | 3        | c            | 68          | 65                 | 8                            | 8                     | -                      | -                     | 9                    | 9                          | 3000        | 0        | 3        | bc       | bc     | bc     | bcwbc  |       |
|                                       | The Lizard                           | 1018.4                        | +4                    | NWN    | 3      | bc       | 68           | 75          | 8                  | 2      | 6       | -                            | 4-6    | 4-6                                   | 3000                          | 1018.2                | -4     | NWN     | 2        | bc           | 64          | 85                 | 8                            | 2                     | 4                      | -                     | 2-3                  | 4-6                        | 3000        | 0        | 2        | bc       | bc     | bcw    | bcwbc  |       |
|                                       | Scilly (St. Mary's)                  | 1018.5                        | +2                    | W      | 2      | pr       | 67           | 75          | 8                  | 8      | 7       | -                            | 7-8    | 10                                    | 1500                          | 1018.4                | -2     | NWN     | 2        | bc           | 66          | 75                 | 8                            | 8                     | 4                      | 3                     | 4-6                  | 4-6                        | 1800        | 0        | 2        | cpr      | bc     | bc     | bcwbc  |       |
|                                       | Guernsey ...                         | 1017.4                        | +10                   | W      | 2      | bc       | 62           | 92          | 8                  | 2      | 4       | -                            | 2-3    | 4-6                                   | 3000                          | 1017.0                | +4     | SW      | 2        | bc           | 62          | 92                 | 8                            | 8                     | 6                      | -                     | 4-6                  | 4-6                        | 3000        | 0        | 3        | cbc      | bc     | bc     | bcwbc  |       |
| 6                                     | Pembroke ...                         | 1016.0                        | +2                    | NW     | 3      | c        | 66           | 75          | 8                  | 2      | 3       | -                            | 2-3    | 7-8                                   | 2500                          | 1015.4                | -4     | SSW     | 3        | bc           | 62          | 85                 | 9                            | 2                     | 6                      | -                     | 1                    | 2-3                        | 3000        | 0        | 2        | cbc      | bc     | bc     | bcwbc  |       |
| 7                                     | Holyhead (Anglesey)                  | 1015.0                        | 0                     | NW     | 4      | bc       | 68           | 75          | 8                  | 8      | -       | -                            | 2-3    | 2-3                                   | 3000                          | 1015.0                | 0      | NWN     | 4        | b            | 65          | 65                 | 9                            | 8                     | -                      | -                     | Tr                   | Tr                         | 3500        | 0        | *        | cbc      | bc     | bc     | bcwbc  |       |
| 8                                     | Manchester ...                       | 1014.7                        | -2                    | NW     | 4      | bc       | 71           | 65          | 8                  | 2      | -       | -                            | 4-6    | 4-6                                   | 3000                          | 1014.7                | 0      | NWN     | 4        | b            | 68          | 65                 | 9                            | 1                     | -                      | -                     | 1                    | 1                          | 3000        | 0        | *        | bc       | bc     | bc     | bcwbc  |       |
| 10                                    | Spurn Head                           | 1012.0                        | +4                    | NW     | 4      | z        | 62           | 75          | 6                  | 5      | -       | -                            | 9+     | 9+                                    | 2500                          | 1012.5                | +4     | NWN     | 4        | ir           | 60          | 92                 | 6                            | -                     | 2                      | -                     | 10                   | 10                         | 1500        | 1        | 3        | ocr      | bc     | bc     | bcwbc  |       |
|                                       | Catterick                            | 1012.6                        | -6                    | NWN    | 3      | bc       | 75           | 35          | 7                  | 2      | 3       | -                            | 4-6    | 4-6                                   | 3500                          | 1013.0                | -2     | NE      | 1        | bc           | 70          | 65                 | 7                            | 8                     | 6                      | -                     | 2-3                  | 4-6                        | 4000        | 0        | 3        | bcy      | bcy    | bcybcy | bcwbc  |       |
|                                       | Tynemouth                            | 1014.1                        | 0                     | N      | 3      | bc       | 59           | 75          | 6                  | 7      | 3       | -                            | 4-6    | 4-6                                   | 3000                          | 1014.0                | -2     | N       | 3        | bc           | 58          | 85                 | 7                            | -                     | 3                      | -                     | 0                    | 4-6                        | -           | 0        | 3        | cbc      | bc     | bc     | bcwbc  |       |
| 11                                    | St. Abbs Head                        | 1014.2                        | -2                    | NW     | 2      | bc       | 61           | 85          | 8                  | 4      | -       | -                            | 1      | 1                                     | 2500                          | 1013.6                | -2     | N       | 1        | bc           | 58          | 85                 | 6                            | 4                     | -                      | -                     | 1                    | 1                          | 2500        | 0        | 1        | fm.bcb   | fm.bcb | bc     | bcwbc  |       |
|                                       | Leuchars                             | 1013.6                        | -6                    | ESE    | 3      | bc       | 70           | 75          | 8                  | 8      | -       | -                            | 4-6    | 4-6                                   | 3500                          | 1013.3                | -2     | E       | 3        | bc           | 60          | 92                 | 7                            | 5                     | -                      | -                     | 4-6                  | 4-6                        | 900         | 0        | *        | fm.bcb   | fm.bcb | bc     | bcwbc  |       |
| 12                                    | Renfrew (Abbots L.)                  | 1014.3                        | -6                    | W      | 1      | bc       | 69           | 55          | 8                  | 8      | -       | -                            | 8      | 4-6                                   | 4-6                           | 3500                  | 1013.7 | -6      | SW       | 2            | bc          | 68                 | 55                           | 8                     | 7                      | -                     | -                    | 2-3                        | 2-3         | 4000     | 0        | *        | cmobcy | bcy    | bcybcy | bcwbc |
|                                       | Eskdalemuir                          | 1013.4                        | -4                    | NWN    | 2      | bc       | 67           | 55          | 8                  | 7      | -       | -                            | 4-6    | 4-6                                   | 4000                          | 1012.8                | -2     | NE      | 1        | c            | 68          | 65                 | 8                            | 7                     | -                      | -                     | 7-8                  | 7-8                        | 4000        | 1        | *        | bbcy     | bcybcy | bc     | bcwbc  |       |
|                                       | Point of Ayre                        | 1013.5                        | +2                    | NWN    | 2      | b        | 67           | 75          | 8                  | 2      | -       | -                            | 1      | 1                                     | 4000                          | 1014.7                | -4     | NWN     | 3        | b            | 65          | 75                 | 8                            | 1                     | -                      | -                     | Tr                   | Tr                         | 2500        | 0        | 2        | fm.bcb   | fm.bcb | bc     | bcwbc  |       |
| 13A                                   | Tiree ...                            | 1015.7                        | 0                     | SW     | 2      | bc       | 62           | 75          | 8                  | 2      | -       | -                            | 4-6    | 4-6                                   | 2800                          | 1014.1                | -4     | SE      | 2        | bc           | 59          | 75                 | 8                            | 5                     | 3                      | -                     | 1                    | 2-3                        | 2800        | 0        | 3        | bc       | bc     | bc     | bcwbc  |       |
| 13B                                   | Stornoway                            | 1014.0                        | -10                   | SSE    | 3      | bc       | 60           | 92          | 8                  | 2      | 3       | -                            | 4-6    | 4-6                                   | 3500                          | 1013.0                | -4     | SSW     | 4        | c            | 61          | 85                 | 9                            | 2                     | 3                      | -                     | Tr                   | 7-8                        | 3500        | 1        | 2        | bc       | bc     | bc     | bcwbc  |       |
| 15                                    | Dalwhinnie                           | *                             | +2                    | SW     | 2      | bc       | 69           | 45          | 8                  | 1      | -       | -                            | 1      | 2-3                                   | 4000                          | *                     | -4     | SW      | 1        | bc           | 67          | 65                 | 8                            | 2                     | -                      | -                     | 2-3                  | 2-3                        | 4000        | 0        | *        | bc       | bc     | bc     | bcwbc  |       |
|                                       | Aberdeen                             | 1014.1                        | -4                    | ENE    | 3      | bc       | 63           | 75          | 8                  | 7      | -       | -                            | 2-3    | 2-3                                   | 2100                          | 1013.4                | -8     | E       | 1        | z            | 63          | 85                 | 6                            | 1                     | -                      | -                     | Tr                   | Tr                         | 1500        | 0        | 2        | bc       | bc     | bc     | bcwbc  |       |
|                                       | Wick ...                             | 1015.2                        | -6                    | E      | 2      | bc       | 55           | 92          | 3                  | -      | -       | -                            | 0      | 0                                     | -                             | 1014.1                | -10    | E       | 2        | F            | 53          | 97                 | 1                            | -                     | -                      | 10                    | 10                   | 1500                       | 0           | *        | cjfbf    | ff       | ff     | ff     |        |       |
| 16                                    | Lerwick                              | 1015.9                        | -6                    | NE     | 2      | c        | 55           | 85          | 8                  | 5      | -       | -                            | 4-6    | 9+                                    | 2000                          | 1014.9                | -6     | NE      | 3        | c            | 56          | 92                 | 7                            | 5                     | -                      | -                     | 7-8                  | 9                          | 400         | *        | *        | c        | c      | c      | c      |       |
| 17                                    | Blackod Point...                     | 1014.7                        | -2                    | S      | 4      | c        | 62           | 85          | 9                  | -      | 6       | -                            | 0      | 9                                     | -                             | 1013.0                | -10    | S       | 4        | DD           | 59          | 97                 | 6                            | 6                     | -                      | -                     | 10                   | 10                         | 450         | 1        | 3        | bc       | dd     | dd     | bc     |       |
| 18                                    | Malin Head                           | 1014.9                        | -2                    | W      | 3      | c        | 62           | 75          | 8                  | 2      | 3       | 2                            | 4-6    | 7-8                                   | 5700                          | 1013.6                | -12    | E       | 3        | c            | 58          | 85                 | 8                            | 4                     | 6                      | -                     | 4-6                  | 7-8                        | 5700        | 0        | 2        | c        | c      | c      | c      |       |
|                                       | Aldergrove                           | 1015.2                        | -6                    |        |        |          |              |             |                    |        |         |                              |        |                                       |                               |                       |        |         |          |              |             |                    |                              |                       |                        |                       |                      |                            |             |          |          |          |        |        |        |       |



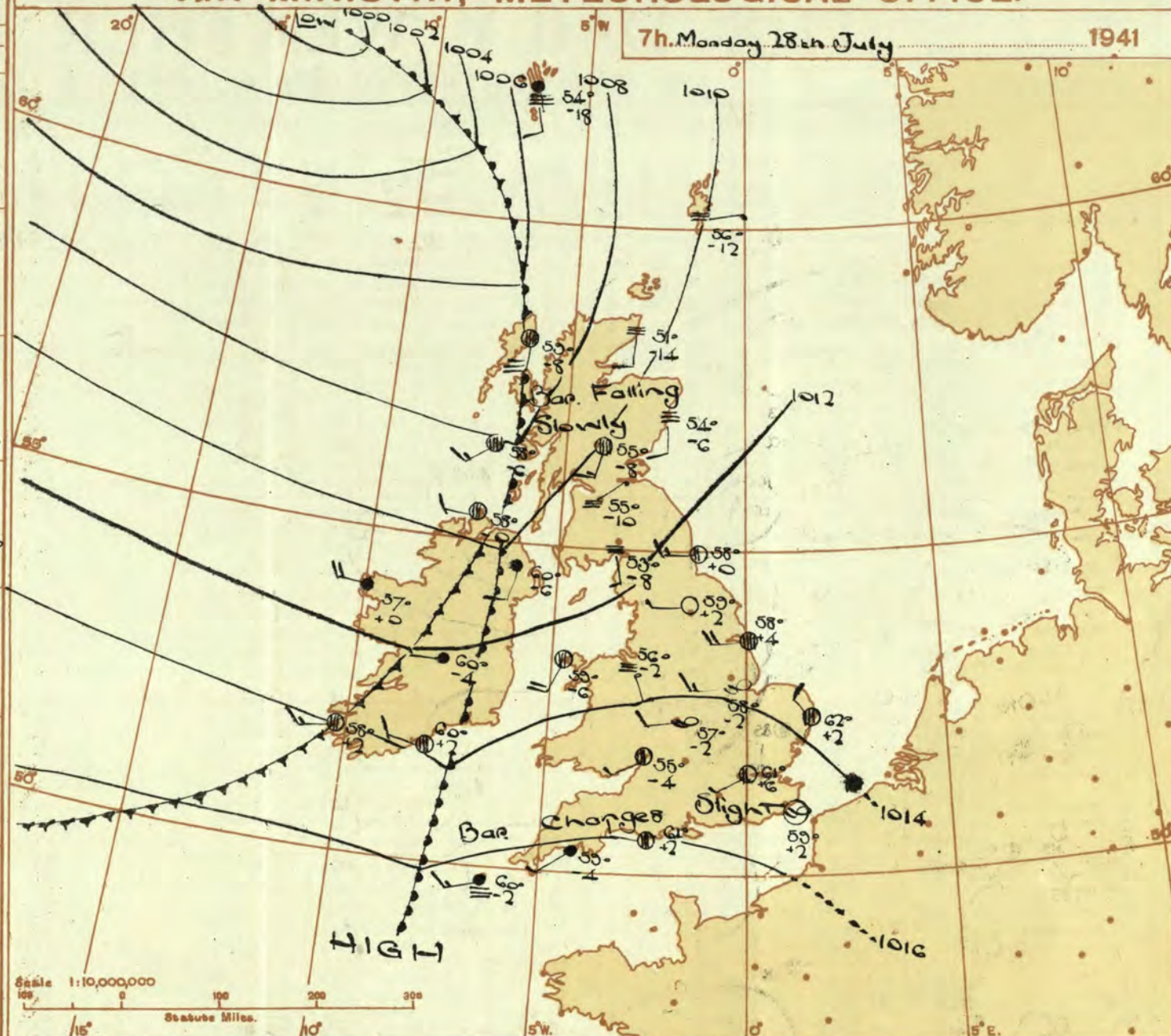
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T. 27th July |    |       |       | 18h. G.M.T. |                |       |       | 01h. G.M.T. 28th July |                |       |       | 07h. G.M.T. |                |       |       |
|-----------------------|----|-------|-------|-------------|----------------|-------|-------|-----------------------|----------------|-------|-------|-------------|----------------|-------|-------|
| III                   | U  | wwVhN | DDFWN | C           | C <sub>M</sub> | wwVhN | DDFWN | C                     | C <sub>M</sub> | wwVhN | DDFWN | C           | C <sub>M</sub> | wwVhN | DDFWN |
| 109                   | 77 | 01863 | 07213 | --          |                | 48209 | 08409 | --                    |                | 48109 | 13149 | --          |                | 46209 | 16449 |
| 115                   | 57 | 01844 | 20125 | 54          |                | 02934 | 24225 | 54                    |                | 02944 | 16225 | 52          |                | 62834 | 12267 |
| 203                   |    |       |       | 24          |                | 01943 | 16314 | 5-                    |                | 01935 | 16415 | 5-          |                | 02838 | 16588 |
| 206                   | 10 | 00862 | 08322 | 75          |                | 00963 | 06213 | --                    |                | 46209 | 00049 | 54          |                | 09865 | 00047 |
| 210                   | 50 | 01933 | 04303 | 84          |                | 09861 | 06312 | --                    |                | 57309 | 22249 | 24          |                | 42853 | 08144 |
| 220                   |    |       |       |             |                |       |       |                       |                |       |       |             |                |       |       |
| 230                   | 23 | 01962 | 20413 | 24          |                | 00962 | 20402 | 50                    |                | 00963 | 00003 | 52          |                | 52647 | 00068 |
| 245                   | 20 | 00852 | 12312 | 5-          |                | 05635 | 09215 | --                    |                | 57209 | 18143 | 5-          |                | 09528 | 24258 |
| 260                   | 20 | 01863 | 00013 | 80          |                | 01864 | 28114 | 00                    |                | 00890 | 00000 | 50          |                | 01873 | 08113 |
| 277                   |    |       |       |             |                |       |       |                       |                |       |       |             |                |       |       |
| 279                   | 20 | 0963  | 24403 | 40          |                | 00862 | 20402 |                       |                |       |       | 50          |                | 00863 | 19103 |
| 285                   |    |       |       |             |                |       |       |                       |                |       |       | 10          |                | 00752 | 28302 |
| 288                   | 83 | 05566 | 02417 | 53          |                | 05663 | 02414 | 03                    |                | 08490 | 18214 | 00          |                | 00790 | 22110 |
| 273                   |    |       |       |             |                |       |       |                       |                |       |       |             |                |       |       |
| 301                   | 10 | 00962 | 24312 | 10          |                | 00961 | 24201 | 00                    |                | 00790 | 24200 | 03          |                | 41590 | 08144 |
| 321                   |    |       |       | 86          |                | 01864 | 27314 | 07                    |                | 05690 | 28203 | 00          |                | 05690 | 22100 |
| 299                   | 5- | 51648 | 28458 | 5-          |                | 05648 | 26328 | 5-                    |                | 05648 | 26228 | 5-          |                | 05658 | 00028 |
| 292                   | 17 | 01963 | 30304 | 57          |                | 05651 | 30214 | 50                    |                | 00761 | 25111 | 00          |                | 00790 | 24100 |
| 310                   |    |       |       |             |                |       |       |                       |                |       |       | --          |                | 43200 | 26346 |
| 316                   |    |       |       |             |                |       |       |                       |                |       |       |             |                |       |       |
| 333                   | 8- | 01865 | 26325 | 1-          |                | 01962 | 18212 | 5-                    |                | 02856 | 18316 | 5-          |                | 47308 | 20228 |
| 334                   |    |       |       |             |                |       |       |                       |                |       |       | --          |                | 02755 | 24216 |
| 340                   | 23 | 01964 | 28225 | 20          |                | 00963 | 30313 | 00                    |                | 00790 | 20210 | 53          |                | 00761 | 16241 |
| 136                   | 22 | 02852 | 28317 | 57          |                | 02753 | 30317 |                       |                |       |       | 57          |                | 22684 | 22267 |
| 336                   |    |       |       |             |                |       |       |                       |                |       |       |             |                |       |       |
| 350                   | 17 | 01763 | 28444 | 81          |                | 01864 | 24214 | 50                    |                | 00661 | 26211 | 54          |                | 05675 | 20215 |
| 368                   | 86 | 01954 | 24424 |             |                |       |       |                       |                |       |       | 52          |                | 51745 | 23428 |
| 379                   | 17 | 02865 | 28326 | 80          |                | 01864 | 26314 | 00                    |                | 05690 | 28100 | 50          |                | 01745 | 20315 |
| 390                   | 22 | 02764 | 26324 | 86          |                | 01763 | 26213 | 50                    |                | 05662 | 26112 | 53          |                | 01762 | 24113 |
| 382                   | 13 | 02864 | 28315 | 26          |                | 01853 | 22314 | 00                    |                | 05690 | 27200 | 14          |                | 01752 | 22303 |
| 438                   | 87 | 02645 | 28228 |             |                |       |       |                       |                |       |       | 50          |                | 01743 | 28313 |
| 430                   | 13 | 01962 | 28324 | 26          |                | 01964 | 55415 | 50                    |                | 00761 | 24201 | 06          |                | 00750 | 24311 |
| 409                   | 57 | 02956 | 23427 | 80          |                | 01944 | 25315 | 50                    |                | 05622 | 16112 | 5-          |                | 51518 | 18258 |

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 28th July 1941



DISTRICTS.

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

|                                            |                                                                                                                                                  |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Light westerly winds; fair; average temperature.                                                                                                 |
| 2 E. England ...                           |                                                                                                                                                  |
| 3 E. Midlands ...                          |                                                                                                                                                  |
| 4 W. Midlands ...                          |                                                                                                                                                  |
| 5 S.W. England                             | Light westerly wind; cloudy; slight rain or drizzle and fog on western coast and hills; average temperature.                                     |
| 6 South Wales ...                          |                                                                                                                                                  |
| 7 North Wales ...                          |                                                                                                                                                  |
| 8 N.W. England                             |                                                                                                                                                  |
| 9 N. Midlands ...                          |                                                                                                                                                  |
| 10 N.E. England                            | Light westerly wind; cloud increasing; occasional drizzle or slight rain later; average temperature.                                             |
| 11 S.E. Scotland                           |                                                                                                                                                  |
| 12 S.W. Scotland & Isle of Man.            | Moderate S. wind veering SW-W; much low cloud with rain or drizzle at first, bright intervals later; average temperature.                        |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                                                                  |
| 14 Mid Scotland                            |                                                                                                                                                  |
| 15 N. E. Scotland                          | Light or moderate S. wind, veering SW-W; coastal fog at first, soon dispersing, mainly cloudy; light rain or drizzle later; average temperature. |
| 16 Orkneys and Shetlands                   |                                                                                                                                                  |
| 17 N. W. Ireland                           |                                                                                                                                                  |
| 18 N. E. Ireland                           | Light westerly wind; cloudy; occasional rain or drizzle; bright intervals later; average temperature.                                            |
| 19 S. E. Ireland                           |                                                                                                                                                  |
| 20 S. W. Ireland                           |                                                                                                                                                  |

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

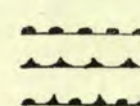
GENERAL INFERENCE.

A shallow depression over the North Sea is filling up and a feeble ridge of high pressure over England is moving east. A trough of low pressure over Ireland and the west coast of Scotland is moving east. Weather will be fair in the South-east but cloudy with some rain or drizzle in the North and West. Temperatures will be about the seasonal average.

FURTHER OUTLOOK.

Fair in the South-east; occasional rain in the West and North.

Warm front  
Cold front  
Occlusion



Forecasts issued at 1030 G.M.T.

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

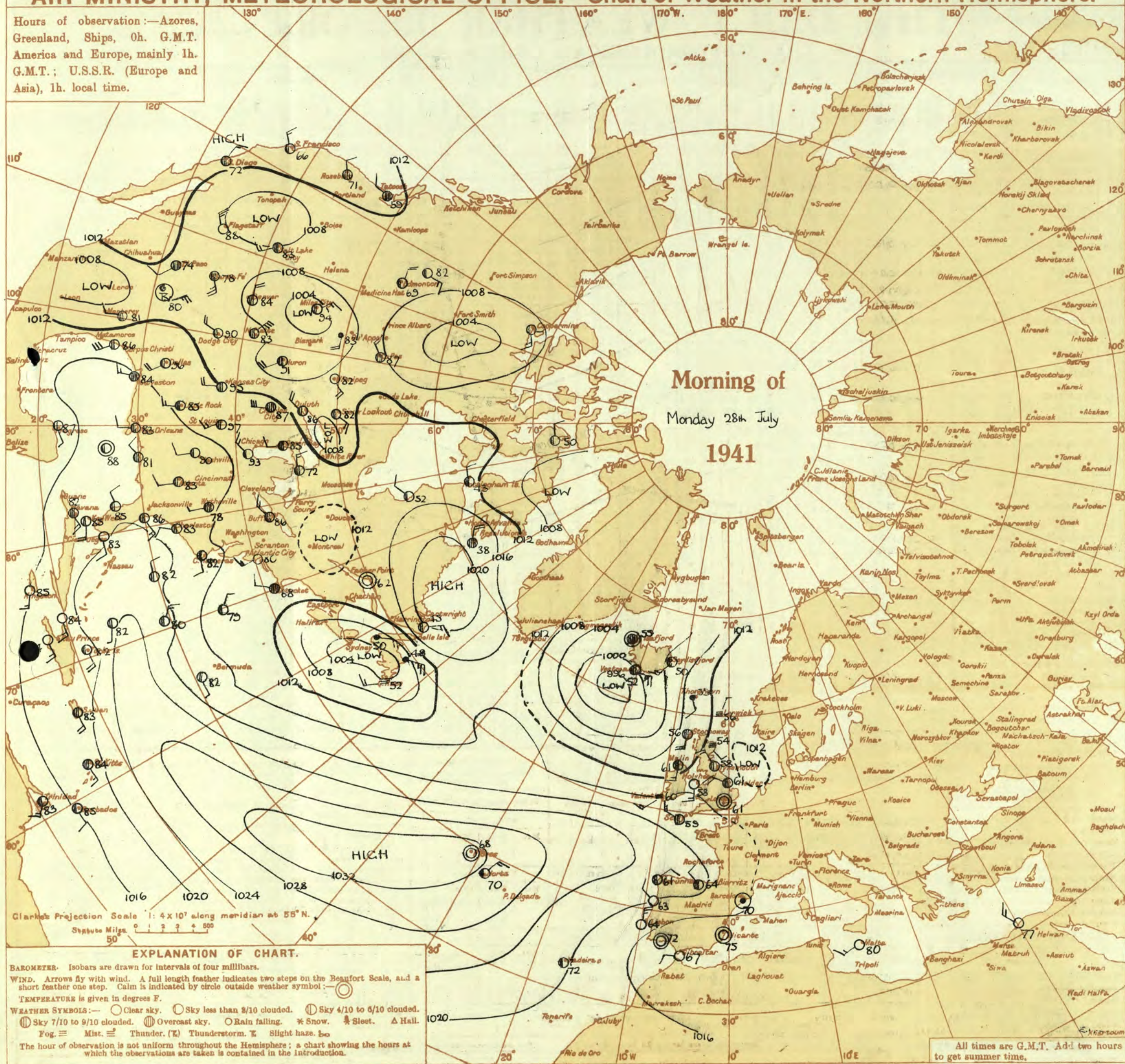
M.W.S.O. Press, Cornwall House, S.E.1.

G. 266. No. 8178. D. 6034. 5/43 3300 5/41



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 28th July 1941  
No. 29103

| OBSERVATIONS at 1 hr. G.M.T. 28th July |           |                              |                      |                    |        |        |          |           |          |             |        |      |       | OBSERVATIONS at 7 hr. G.M.T. 28th July |                    |       |      |          |           |          |             |        |      |      |                      |                    |       | PAST 24 HOURS. |          |           |          |             |        |       |      |                  |      |              |       |                     |                       |                   |               |                |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 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| DISTRICT.                              | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |      |       | Barom. at M.S.L. (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. |                |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    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  |      |      |      |      |      |      |      |      |      |      |      |      |
|                                        |           |                              |                      |                    | Direc. | Force. |          |           |          |             | Low.   | Med. | High. |                                        |                    | 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 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Tuesday 29th July 1941  
No. 29,104.

| OBSERVATIONS at 13h. G.M.T. 28th July |                                                                                                                   |                                                                    |                                          |                                    |                                 |                                  |                                        |                                        |                                 |                                 |                                 |                                              |                                             | OBSERVATIONS at 18h. G.M.T. 28th July                |                                                                    |                                       |                                             |                                 |                                    |                                        |                                        |                                    |                                 |                                 |                                          |                                          |                                                     | PAST 24 HOURS.                  |                         |   |   |   |   |   |   |                                                           |                                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 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        |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |      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| District.                             | STATIONS.<br>(For heights see p. 4.)                                                                              | Barom.<br>at<br>M.S.L.<br>mb.<br>(1)                               | Change in<br>8 hours.<br>(2)             | Wind.                              |                                 | Weather.                         | Temp.<br>°F.<br>(6)                    | Humid.<br>%<br>(7)                     | Visiblity.<br>0-9<br>(8)        | Cloud.                          |                                 |                                              |                                             | Barom.<br>at<br>M.S.L.<br>mb.<br>(15)                | Change in<br>8 hours.<br>(16)                                      | Wind.                                 |                                             | Weather.                        | Temp.<br>°F.<br>(20)               | Humid.<br>%<br>(21)                    | Visiblity.<br>0-9<br>(22)              | Cloud.                             |                                 |                                 |                                          | State of<br>Ground.<br>0-9<br>(29)       | Sea.<br>0-9<br>(30)                                 | WEATHER.                        |                         |   |   |   |   |   |   |                                                           |                                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                     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     |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |        |
|                                       |                                                                                                                   |                                                                    |                                          | Direc.<br>(3)                      | Force.<br>(4)                   |                                  |                                        |                                        |                                 | Form.<br>(9)                    | Amount.<br>(10)                 | Height<br>of<br>Base.<br>(feet)<br>(11)      | Form.<br>(23)                               |                                                      |                                                                    | Amount.<br>(24)                       | Height<br>of<br>Base.<br>(feet)<br>(25)     |                                 |                                    |                                        |                                        | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30)             | 7h.—18h.<br>28th<br>(37)        | 13h.—18h.<br>28th<br>(38)                |                                          |                                                     | 18h. 28th<br>1h.—29th<br>(39)   | 1h.—7h.<br>29th<br>(40) |   |   |   |   |   |   |                                                           |                                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |      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 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |             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     |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |        |
|                                       |                                                                                                                   |                                                                    |                                          |                                    |                                 |                                  |                                        |                                        |                                 |                                 |                                 |                                              |                                             |                                                      |                                                                    |                                       |                                             |                                 |                                    |                                        |                                        |                                    |                                 |                                 |                                          |                                          |                                                     |                                 |                         |   |   |   |   |   |   |                                                           |                                               |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |      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     |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |                                 |        |
| 1                                     | London (Kew) ...<br>Croydon ...<br>S. Farnborough<br>Boscombe Down<br>Thorney Island<br>Lympne ...<br>Manston ... | 1013.6<br>1013.7<br>1013.3<br>1014.3<br>1014.7<br>1014.8<br>1014.0 | -6<br>-10<br>-8<br>-10<br>-6<br>-4<br>-4 | SW W<br>SW<br>W<br>WSW<br>SW<br>SE | 3<br>3<br>3<br>3<br>2<br>2<br>3 | C<br>bc<br>C<br>C<br>C<br>C<br>2 | 70<br>73<br>70<br>66<br>68<br>72<br>67 | 55<br>55<br>55<br>75<br>75<br>65<br>73 | 8<br>8<br>8<br>8<br>8<br>8<br>6 | 7<br>1<br>+<br>5<br>2<br>2<br>2 | 3<br>3<br>3<br>-<br>-<br>-<br>- | 7-8<br>4-6<br>7-8<br>3+<br>7-8<br>7-8<br>7-8 | 7-8<br>4-6<br>3+<br>3+<br>7-8<br>7-8<br>7-8 | 2500<br>3500<br>3000<br>2400<br>2000<br>4000<br>2500 | 1013.2<br>1013.5<br>1013.4<br>1014.2<br>1014.2<br>1014.4<br>1013.0 | -2<br>0<br>-2<br>-4<br>-2<br>-2<br>+2 | SW<br>SW<br>SW W<br>SW<br>WSW<br>SW<br>SW W | 4<br>3<br>3<br>3<br>2<br>2<br>3 | C<br>C<br>C<br>id.<br>C<br>C<br>bc | 68<br>66<br>65<br>61<br>63<br>67<br>63 | 75<br>75<br>75<br>87<br>85<br>75<br>75 | 8<br>8<br>8<br>6<br>6<br>8<br>7    | 5<br>5<br>7<br>-<br>1<br>1<br>2 | -<br>-<br>-<br>-<br>-<br>-<br>3 | 3+<br>3+<br>3+<br>10<br>10<br>4-6<br>2-3 | 3+<br>3+<br>3+<br>10<br>10<br>7-8<br>2-3 | 1500<br>4000<br>2200<br>300<br>1500<br>2500<br>2000 | 1<br>1<br>1<br>0<br>0<br>0<br>0 | *                       | * | * | * | * | * | * | bcwcc<br>bcwcy<br>bcwcy<br>bcm,c<br>bcm,c<br>cm,c<br>cm,z | c<br>cycyc<br>cyc<br>cidm<br>c<br>c<br>bcz,bc | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c<br>c<br>c<br>c<br>c<br>c | c<br>c |

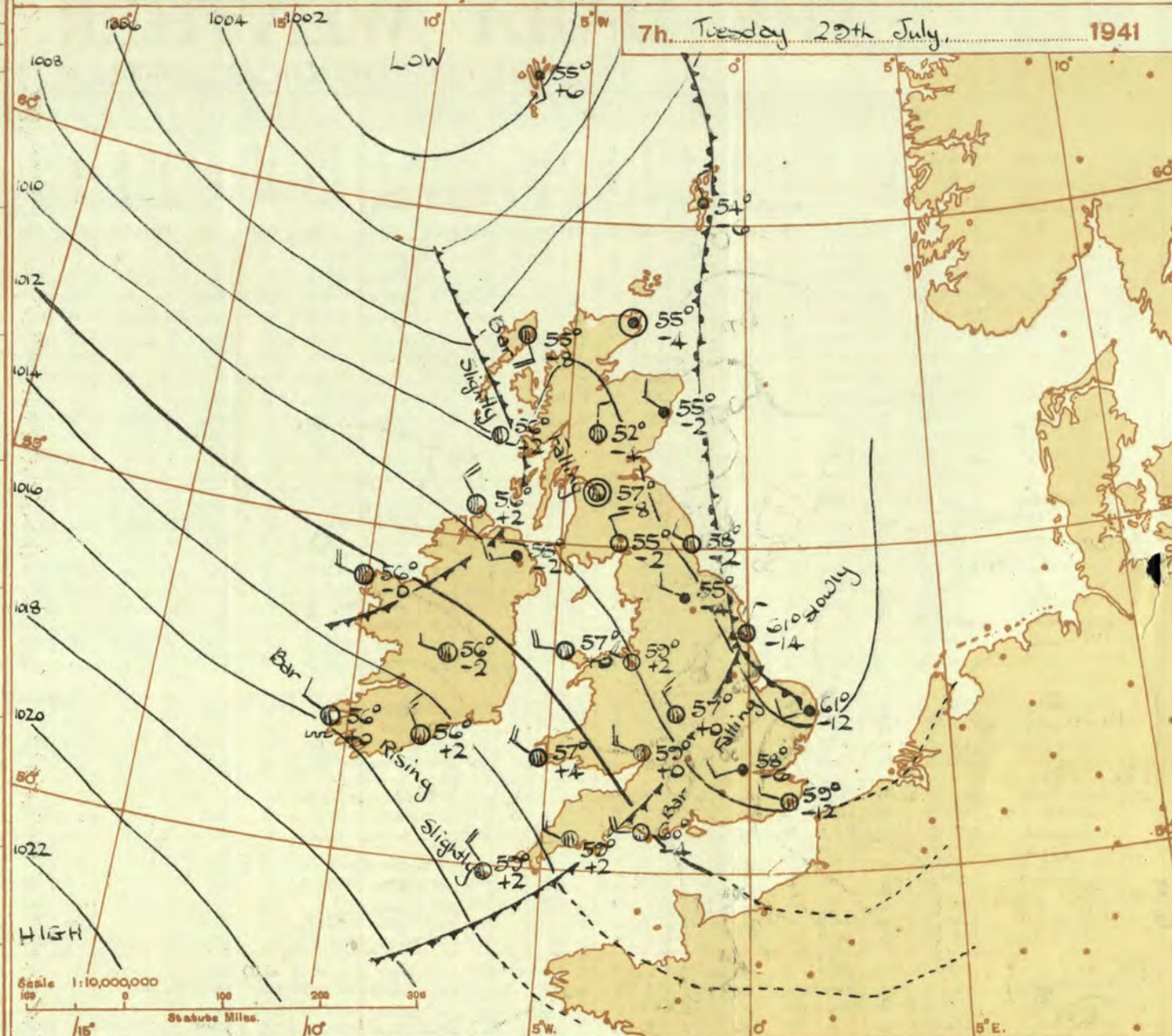


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T.          | 23h. July          | 18h. G.M.T. | 01h. G.M.T.                   | 23h. July          | 07h. G.M.T. |
|----------------------|--------------------|-------------|-------------------------------|--------------------|-------------|
| IIIC, C <sub>u</sub> | wwVhN <sub>h</sub> | DDFWN       | C <sub>u</sub> C <sub>m</sub> | wwVhN <sub>h</sub> | DDFWN       |
| 109 57               | 02724              | 16345       | 5-                            | 00848              | 24368       |
| 115 52               | 02834              | 20387       |                               | 54                 | 02844 20325 |
| 203 5-               | 02338              | 20428       |                               | 5-                 | 01844 16424 |
| 206 5-               | 02358              | 03163       | 57                            | 02865              | 24227       |
| 210 57               | 02364              | 17258       | 57                            | 02865              | 23267       |
| 220 75               | 01844              | 23385       | 70                            | 01844              | 27204       |
| 230 37               | 51847              | 20353       | 8-                            | 10857              | 20457       |
| 245 52               | 02857              | 25313       | 57                            | 21665              | 19258       |
| 280 52               | 02855              | 20323       | 5-                            | 05668              | 22268       |
| 277                  |                    |             |                               |                    |             |
| 279 5-               | 52648              | 20358       | 5-                            | 21648              | 20358       |
| 285                  |                    |             |                               |                    |             |
| 288 70               | 01854              | 17314       | 5-                            | 62748              | 24128       |
| 273                  |                    |             |                               |                    |             |
| 30 52                | 22764              | 24263       | 57                            | 02855              | 24258       |
| 321 29               | 05654              | 26214       | 57                            | 58664              | 24218       |
| 299 70               | 05652              | 03202       | 5-                            | 05647              | 09227       |
| 292 10               | 00362              | 20202       | 52                            | 61745              | 25168       |
| 310                  |                    |             |                               |                    |             |
| 314                  |                    |             |                               |                    |             |
| 316                  |                    |             |                               |                    |             |
| 333                  |                    |             |                               |                    |             |
| 334                  |                    |             |                               |                    |             |
| 340 53               | 02855              | 20317       | 57                            | 22756              | 18268       |
| 136 13               | 01753              | 20414       | 57                            | 01763              | 17314       |
| 336 52               | 52623              | 20358       | 52                            | 22763              | 24368       |
| 350 45               | 02764              | 20315       | 5-                            | 22668              | 22268       |
| 368 62               | 21635              | 20258       |                               |                    |             |
| 379 8-               | 02748              | 22328       | 62                            | 64625              | 20358       |
| 390 23               | 01764              | 20214       | 57                            | 02754              | 23227       |
| 388 8-               | 02857              | 24247       | 57                            | 02745              | 22328       |
| 438 60               | 01733              | 24514       |                               |                    |             |
| 430 56               | 02855              | 22316       | 52                            | 05635              | 20428       |
| 409 5-               | 57108              | 20358       | 5-                            | 63648              | 25268       |

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.



| DISTRICTS.                                 | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 29th July 1941                                 |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1 S.E. England                             | Moderate N.W. winds; mainly cloudy with some thundery showers; some brighter intervals; rather cool.         |
| 2 E. England ...                           |                                                                                                              |
| 3 E. Midlands ...                          |                                                                                                              |
| 4 W. Midlands ...                          |                                                                                                              |
| 5 S.W. England                             | Moderate N.W. winds; cloudy with brighter periods; some showers with a chance of local thunder; rather cool. |
| 6 South Wales ...                          |                                                                                                              |
| 7 North Wales ...                          |                                                                                                              |
| 8 N.W. England                             |                                                                                                              |
| 9 N. Midlands ...                          |                                                                                                              |
| 10 N.E. England                            | Winds mainly N.W. light to moderate; cloudy or dull; occasional rain or drizzle; cool.                       |
| 11 S.E. Scotland                           |                                                                                                              |
| 12 S.W. Scotland & Isle of Man.            | Moderate westerly winds; cloudy; occasional rain or showers; cool.                                           |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                                                              |
| 14 Mid Scotland                            |                                                                                                              |
| 15 N. E. Scotland                          | Winds light, variable; cloudy or dull; occasional rain; chance of coastal fog; rather cool.                  |
| 16 Orkneys and Shetlands                   |                                                                                                              |
| 17 N. W. Ireland                           | Moderate N.W. to W. winds; cloudy with brighter periods; some showers; rather cool.                          |
| 18 N. E. Ireland                           |                                                                                                              |
| 19 S. E. Ireland                           |                                                                                                              |
| 20 S. W. Ireland                           |                                                                                                              |

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

GENERAL INFERENCE.

A depression is located between the Faeroes and Iceland and an associated trough extending along our eastern coasts to N.E. France is moving east in its southern part. The main centre will probably drift S.E. later. Weather will be rather unsettled and cool generally, with some occasional rain or showers.

FURTHER OUTLOOK.

A spell of unsettled weather is indicated.

Warm front ~~~~~  
Cold front ~~~~~  
Occlusion ~~~~~

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

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

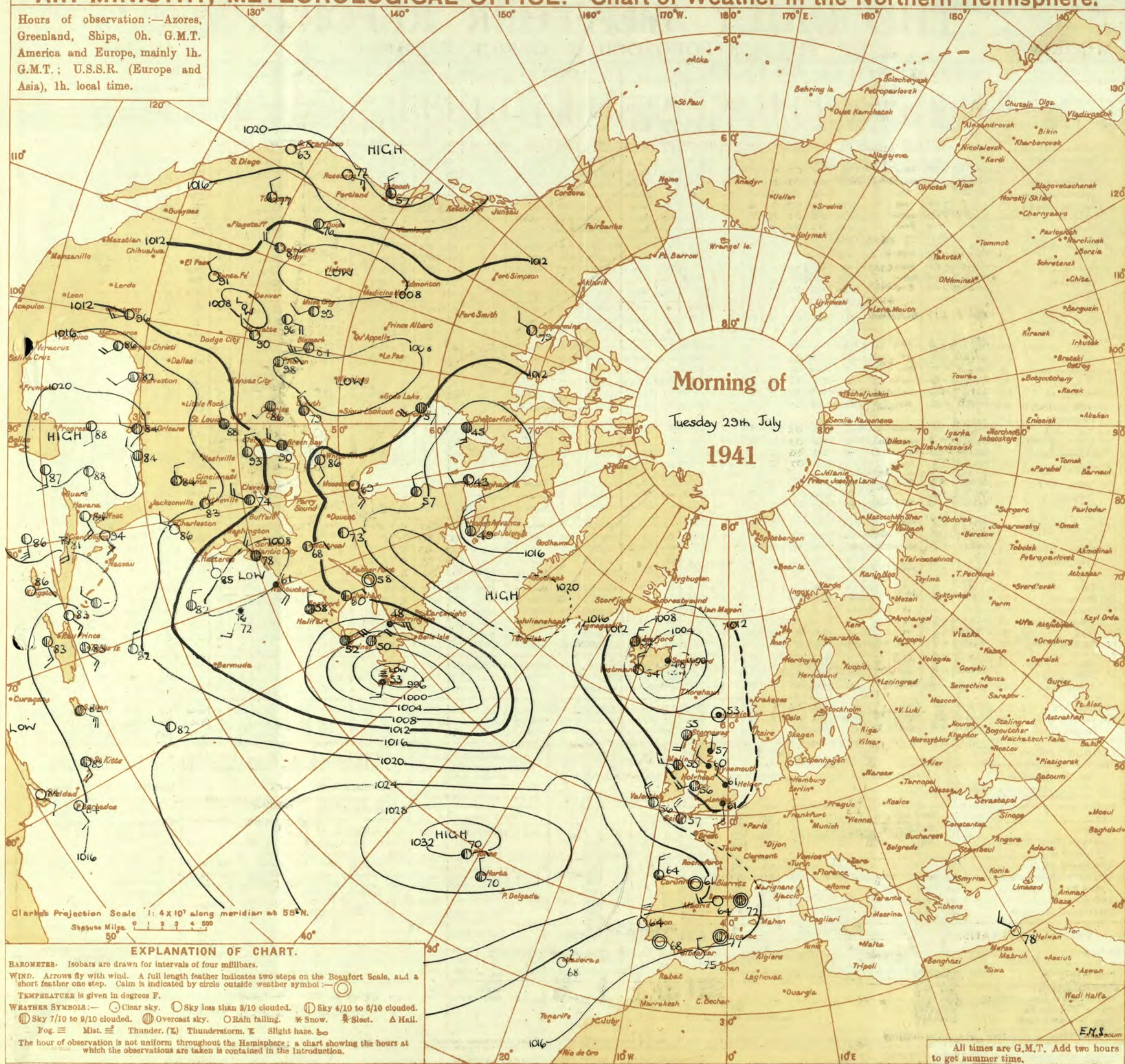
H.M.S.O. Press, Cornwall House, S.E.1.

G.266, No. 0176, D. 6034, Q. 442, 3300, 3/41



# 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. 29th July |                             |                              |                      |                    |       |        |          |           |          |             |        |         |                        | OBSERVATIONS at 7 hr. G.M.T. 29th July |        |                       |                    |       |         |          |           |          |             |                        |                  |      |                     | 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.      |                |                  | RAINFALL. |      | SUNSHINE Hrs. |      |
|                                        |                             |                              |                      |                    | Dir.  | Force. |          |           |          |             | Form.  | Amount. | Height of Base (feet). | Dir.                                   | Force. |                       |                    | Form. | Amount. |          |           |          |             | Height of Base (feet). | State of Ground. | Sea. | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. |                       |                    | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |           |      |               |      |
|                                        |                             |                              |                      |                    |       |        |          |           |          |             |        |         |                        |                                        |        |                       |                    |       |         |          |           |          |             |                        |                  |      |                     |                       |                       |                    |                   |                |                  | 0-12      | 0-12 |               | 0-10 |
| 1                                      | London (Kew) ... 18         | 1011.5                       | -16                  | SSW                | 1     | 1      | 2/10     | 61        | 87       | 6           | -      | -       | -                      | 1008.3                                 | -8     | WSW                   | 3                  | 2/10  | 60      | 85       | 6         | 5        | -           | -                      | 10               | 10   | 1500                | 1                     | 71                    | 59                 | 57                | -              | 5                | 6.8       |      |               |      |
|                                        | Croydon ... 217             | 1011.2                       | -14                  | SWW                | 2     | 2      | 2/10     | 61        | 87       | 6           | -      | -       | -                      | 1008.4                                 | -6     | WSW                   | 2                  | 1/10  | 58      | 87       | 7         | 6        | 2           | -                      | 10               | 10   | 1200                | 1                     | 74                    | 57                 | 56                | -              | 7                | 7.3       |      |               |      |
|                                        | S. Farnborough ... 226      | 1012.7                       | -14                  | W                  | 3     | 3      | 2/10     | 57        | 87       | 6           | -      | -       | -                      | 1008.5                                 | -6     | W                     | 3                  | 2/10  | 58      | 82       | 7         | 5        | -           | 10                     | 10               | 8000 | 1                   | 70                    | 57                    | 54                 | -                 | 5              | 6.8              |           |      |               |      |
|                                        | Boscombe Down ... 417       | 1011.3                       | -14                  | W                  | 1     | 1      | 2/10     | 62        | 87       | 5           | -      | -       | -                      | 1011.1                                 | -2     | W/N                   | 3                  | 2/10  | 58      | 82       | 7         | 5        | -           | 10                     | 10               | 8000 | 1                   | 67                    | 55                    | 52                 | -                 | 2              | 2.7              |           |      |               |      |
|                                        | Thorney Island ... 10       | 1013.6                       | -10                  | WSW                | 2     | 2      | 2/10     | 58        | 87       | 5           | -      | -       | -                      | 1010.4                                 | -4     | W                     | 3                  | 2/10  | 58      | 85       | 7         | 5        | 3           | -                      | 10               | 10   | 8000                | 1                     | 70                    | 58                 | 57                | -              | 4                | 7.0       |      |               |      |
|                                        | Lympe ... 346               | 1011.5                       | -14                  | 3W'S               | 2     | 2      | 2/10     | 60        | 87       | 5           | -      | -       | -                      | 1010.4                                 | -12    | W/N                   | 1                  | 2/10  | 58      | 87       | 7         | 5        | 7           | -                      | 10               | 10   | 1200                | 1                     | 73                    | 58                 | 57                | -              | 12               | 7.0       |      |               |      |
|                                        | Manston ... 154             | 1011.5                       | -14                  | 3W'S               | 2     | 2      | 2/10     | 60        | 87       | 5           | -      | -       | -                      | 1008.1                                 | -14    | SWW                   | 2                  | 2/10  | 60      | 87       | 6         | 6        | 7           | -                      | 10               | 10   | 1100                | 1                     | 74                    | 59                 | 52                | -              | 13               | 7.0       |      |               |      |
| 2                                      | Shoeburyness ... 11         | 1011.0                       | -10                  | WSW                | 2     | 2      | 2/10     | 62        | 87       | 5           | -      | -       | -                      | 1008.3                                 | -4     | WS                    | 3                  | 2/10  | 60      | 87       | 5         | 5        | -           | 10                     | 10               | 1500 | 1                   | 75                    | 59                    | 55                 | -                 | 14             | 6.2              |           |      |               |      |
|                                        | Felixstowe ... 15           | 1011.6                       | -12                  | WSW                | 2     | 2      | 2/10     | 64        | 85       | 6           | -      | -       | -                      | 1008.3                                 | -6     | WSW                   | 2                  | 2/10  | 63      | 87       | 6         | 6        | 2           | -                      | 10               | 10   | 600                 | 1                     | 70                    | 62                 | 61                | 0.4            | 8                | 4.3       |      |               |      |
|                                        | Gorleston ... 5             | 1010.2                       | -14                  | SSW                | 2     | 2      | 2/10     | 62        | 87       | 6           | -      | -       | -                      | 1007.0                                 | -12    | WSW                   | 2                  | 2/10  | 61      | 87       | 5         | 6        | -           | 10                     | 10               | 1200 | 1                   | 70                    | 61                    | 59                 | Tr                | 11             | 7.0              |           |      |               |      |
|                                        | Mildenhall ... 19           | 1010.0                       | -12                  | 8W                 | 2     | 2      | 2/10     | 62        | 82       | 5           | -      | -       | -                      | 1007.4                                 | -10    | SWW                   | 3                  | 2/10  | 61      | 87       | 6         | 5        | 2           | -                      | 10               | 10   | 1000                | 1                     | 75                    | 61                 | 60                | -              | 5                | 6.0       |      |               |      |
|                                        | Cranwell ... 240            | 1008.0                       | -12                  | 8W                 | 2     | 2      | 2/10     | 62        | 82       | 5           | -      | -       | -                      | 1008.1                                 | -2     | NW                    | 2                  | 2/10  | 57      | 87       | 4         | 6        | 2           | -                      | 10               | 10   | 500                 | 1                     | 73                    | 57                 | 57                | -              | 13               | 11.7      |      |               |      |
| 3                                      | Birmingham ... 535          | 1011.1                       | -12                  | SWW                | 3     | 3      | 2/10     | 59        | 87       | 6           | -      | -       | -                      | 1008.5                                 | 0      | NW                    | 3                  | 2/10  | 57      | 85       | 6         | 5        | 3           | -                      | 10               | 10   | 1500                | 1                     | 70                    | 56                 | 54                | 0.5            | 2                | 7.8       |      |               |      |
|                                        | Upper Heyford ... 408       | 1011.1                       | -12                  | SWW                | 3     | 3      | 2/10     | 59        | 87       | 6           | -      | -       | -                      | 1008.1                                 | -6     | NW                    | 3                  | 2/10  | 57      | 82       | 6         | 6        | 7           | -                      | 10               | 10   | 700                 | 1                     | 71                    | 56                 | 46                | -              | 4                | 7.0       |      |               |      |
| 4                                      | Ross-on-Wye ... 223         | 1011.1                       | -12                  | SWW                | 3     | 3      | 2/10     | 59        | 87       | 6           | -      | -       | -                      | 1010.7                                 | 0      | WNW                   | 3                  | 2/10  | 58      | 85       | 6         | 5        | -           | -                      | 10               | 10   | 4000                | 0                     | 66                    | 58                 | 56                | Tr             | Tr               | 3.0       |      |               |      |
| 5                                      | Hartland Point ... 299      | 1012.0                       | -6                   | NW                 | 2     | 2      | 2/10     | 60        | 82       | 8           | -      | -       | -                      | 1012.0                                 | +4     | NW                    | 4                  | 2/10  | 57      | 85       | 8         | 5        | 2           | -                      | 10               | 10   | 1000                | 1                     | 61                    | 57                 | 55                | 1              | 0.4              | 0.4       |      |               |      |
|                                        | Bristol ... 209             | 1012.2                       | -8                   | W                  | 2     | 2      | 2/10     | 59        | 82       | 7           | -      | -       | -                      | 1011.2                                 | -2     | W                     | 3                  | 2/10  | 58      | 85       | 8         | 5        | 3           | -                      | 10               | 10   | 3000                | 0                     | 66                    | 57                 | 53                | 0.4            | 1                | 0.4       |      |               |      |
|                                        | Portland Bill ... 32        | 1012.0                       | -4                   | SW                 | 4     | 4      | 2/10     | 60        | 82       | 7           | -      | -       | -                      | 1011.8                                 | -4     | W                     | 4                  | 2/10  | 60      | 82       | 8         | 5        | -           | 10                     | 10               | 2500 | 1                   | 63                    | 57                    | 55                 | 0.6               | -              | 0.4              |           |      |               |      |
|                                        | Plymouth ... 82             | 1014.3                       | -6                   | W/N                | 3     | 3      | 2/10     | 58        | 82       | 8           | -      | -       | -                      | 1013.7                                 | +2     | WNW                   | 3                  | 2/10  | 58      | 82       | 7         | 5        | 7           | -                      | 10               | 10   | 4000                | 1                     | 62                    | 58                 | 55                | 1              | 0.4              | 0.0       |      |               |      |
|                                        | The Lizard ... 240          | 1015.7                       | 0                    | W/N                | 3     | 3      | 2/10     | 57        | 87       | 7           | -      | -       | -                      | 1014.6                                 | +1     | NW                    | 4                  | 2/10  | 57      | 82       | 8         | 2        | -           | 10                     | 10               | 1500 | 0                   | 61                    | 57                    | 57                 | 2                 | -              | 0.0              |           |      |               |      |
|                                        | Scilly (St. Mary's) ... 163 | 1015.6                       | +2                   | NW                 | 4     | 4      | 2/10     | 57        | 85       | 7           | -      | -       | -                      | 1015.1                                 | +2     | NW/N                  | 4                  | 2/10  | 58      | 85       | 8         | 3        | 7           | -                      | 10               | 10   | 1500                | 1                     | 65                    | 57                 | 57                | 1              | 0.3              | 0.0       |      |               |      |
|                                        | Guernsey ... 175            | 1015.6                       | +2                   | NW                 | 4     | 4      | 2/10     | 57        | 85       | 7           | -      | -       | -                      | 1015.1                                 | +2     | NW/N                  | 4                  | 2/10  | 58      | 85       | 8         | 3        | 7           | -                      | 10               | 10   | 1500                | 1                     | 65                    | 57                 | 57                | 1              | 0.3              | 0.0       |      |               |      |
| 6                                      | Pembroke ... 142            | 1013.2                       | 0                    | WNW                | 4     | 4      | 2/10     | 58        | 82       | 7           | -      | -       | -                      | 1013.2                                 | +4     | NW/N                  | 4                  | 2/10  | 57      | 82       | 7         | 8        | 6           | -                      | 10               | 10   | 2500                | 1                     | 65                    | 56                 | 56                | 1              | 0.4              | 0.4       |      |               |      |
| 7                                      | Holyhead (Valley) ... 26    | 1011.3                       | -2                   | WSW                | 3     | 3      | 2/10     | 56        | 85       | 6           | -      | -       | -                      | 1010.3                                 | 0      | W                     | 4                  | 2/10  | 57      | 82       | 8         | 5        | -           | 10                     | 10               | 3000 | 0                   | 65                    | 56                    | 56                 | 0.4               | Tr             | 0.4              |           |      |               |      |
|                                        | Chester (Sealand) ... 16    | 1010.4                       | -6                   | WNW                | 3     | 3      | 2/10     | 58        | 85       | 6           | -      | -       | -                      | 1010.1                                 | +2     | WNW                   | 4                  | 2/10  | 58      | 85       | 7         | 8        | -           | 10                     | 10               | 1800 | 0                   | 72                    | 58                    | 56                 | 0.4               | 0.4            | 2.0              |           |      |               |      |
| 8                                      | Manchester ... 70           | 1010.3                       | -2                   | W/N                | 2     | 2      | 2/10     | 58        | 85       | 6           | -      | -       | -                      | 1010.0                                 | +2     | WNW                   | 3                  | 2/10  | 58      | 85       | 7         | 8        | -           | 10                     | 10               | 1400 | 1                   | 71                    | 57                    | 55                 | 1                 | 0.2            | 7.0              |           |      |               |      |
| 10                                     | Spurn Head ... 29           | 1008.8                       | -8                   | NW                 | 2     | 2      | 2/10     | 61        | 87       | 6           | -      | -       | -                      | 1007.6                                 | -14    | NNE                   | 1                  | 2/10  | 61      | 87       | 6         | 3        | 6           | -                      | 10               | 10   | 1500                | 1                     | 73                    | 60                 | 44                | Tr             | 0                | 8.0       |      |               |      |
|                                        | Catterick ... 175           | 1008.7                       | -8                   | NW                 | 1     | 1      | 2/10     | 60        | 87       | 4           | -      | -       | -                      | 1008.4                                 | -4     | WNW                   | 2                  | 2/10  | 58      | 87       | 5         | 6        | 2           | -                      | 10               | 10   | 700                 | 1                     | 77                    | 65                 | 55                | Tr             | 7                | 8.0       |      |               |      |
|                                        | Tynemouth ... 108           | 1010.5                       | -10                  | NW                 | 3     | 3      | 2/10     | 60        | 87       | 6           | -      | -       | -                      | 1008.1                                 | -2     | WNW                   | 2                  | 2/10  | 58      | 85       | 6         | 5        | -           | 10                     | 10               | 2800 | 1                   | 60                    | 57                    | 55                 | Tr                | 10             | 8.0              |           |      |               |      |
| 11                                     | St. Abbs Head ... 280       | 1008.1                       | -8                   | NW                 | 3     | 3      | 2/10     | 56        | 82       | 5           | -      | -       | -                      | 1007.5                                 | -2     | NW                    | 3                  | 2/10  | 55      | 85       | 7         | 7        | 4           | -                      | 10               | 10   | 2500                | 1                     | 60                    | 54                 | 51                | 0.3            | 1                | 7.0       |      |               |      |
|                                        | Leuchars ... 36             | 1008.0                       | -6                   | W                  | 3     | 3      | 2/10     | 56        | 82       | 7           | -      | -       | -                      | 1007.1                                 | -6     | W                     | 2                  | 2/10  | 57      | 85       | 7         | 5        | 7           | -                      | 10               | 10   | 2800                | 0                     | 66                    | 53                 | 51                | 0.1            | Tr               | 3.2       |      |               |      |
| 12                                     | Renfrew (Abbots I.) ... 19  | 1010.1                       | -2                   | WSW                | 1     | 1      | 2/10     | 56        | 85       | 7           | -      | -       | -                      | 1008.7                                 | -8     | -                     | 0                  | 2/10  | 57      | 85       | 8         | 3        | 2           | -                      | 10               | 10   | 4000                | 0                     | 64                    | 52                 | 46                | 0.4            | -                | 0.4       |      |               |      |
|                                        | Eskdalemuir ... 794         | 1010.7                       | 0                    | NW                 | 2     | 2      | 2/10     | 56        | 87       | 8           | -      | -       | -                      | 1008.2                                 | -2     | NW/N                  | 2                  | 2/10  | 56      | 85       | 8         | 8        | 0           | -                      | 10               | 10   | 2500                | 1                     | 59                    | 40                 | 41                | 1              | -                | 0.0       |      |               |      |
|                                        | Point of Ayre ... 30        | 1010.7                       | 0                    | NW                 | 2     | 2      | 2/10     | 56        | 87       | 8           | -      | -       | -                      | 1010.0                                 | -6     | ENE                   | 3                  | 2/10  | 57      | 82       | 8         | 5        | -           | 10                     | 10               | 4500 | 1                   | 63                    | 54                    | 54                 | 1                 | 0.2            | 0.2              |           |      |               |      |
| 13A                                    | Tiree ... 22                | 1008.0                       | 0                    | SSW                | 4     | 4      | 2/10     | 56        | 82       | 7           | -      | -       | -                      | 1008.7                                 | +2     | WNW                   | 2                  | 2/10  | 56      | 87       | 8         | 8        | -           | 10                     | 10               | 1500 | 1                   | 62                    | 51                    | 51                 | 0.2               | 3              | 6.1              |           |      |               |      |
| 13B                                    | Stornoway ... 80            | 1008.0                       | 0                    | SSW                | 4     | 4      | 2/10     | 56        | 82       | 7           | -      | -       | -                      | 1007.2                                 | -8     | SE                    | 4                  | 2/10  | 55      | 82       | 8         | 8        | 7           | -                      | 10               | 10   | 2000                | 1                     | 63                    | 45                 | 45                | 0.6            | Tr               | 3.6       |      |               |      |
| 15                                     | Dalwhinnie ... 1176         | 1008.0                       | 0                    | SSW                | 4     | 4      |          |           |          |             |        |         |                        |                                        |        |                       |                    |       |         |          |           |          |             |                        |                  |      |                     |                       |                       |                    |                   |                |                  |           |      |               |      |



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Wednesday 30th July 1941  
No. 22,125

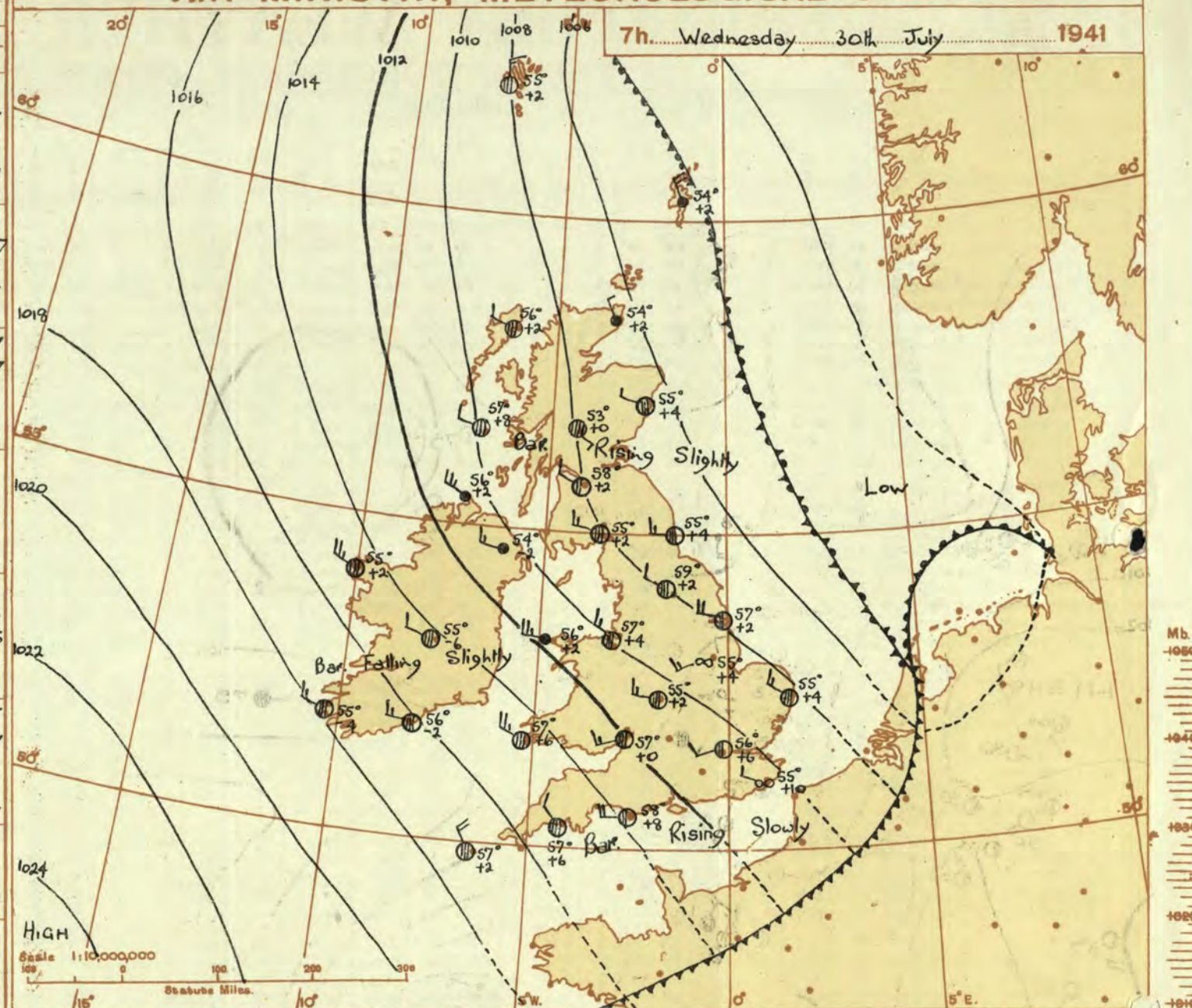
| OBSERVATIONS at 13h. G.M.T. 29th July |                                      |                                      |                              |       |                       |          |                     |                    |                           |        |                                                                            |                                     |      | OBSERVATIONS at 18h. G.M.T. 29th July |                                       |                               |        |                                                                            |          |                      |                     |                            |                                     |                          |                           |                           |                         | PAST 24 HOURS.                     |                     |          |          |          |        |        |     |
|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|----------------------------------------------------------------------------|-------------------------------------|------|---------------------------------------|---------------------------------------|-------------------------------|--------|----------------------------------------------------------------------------|----------|----------------------|---------------------|----------------------------|-------------------------------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------------------------|---------------------|----------|----------|----------|--------|--------|-----|
| District.                             | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb.<br>(1) | Change in<br>8 hours.<br>(2) | Wind. |                       | Weather. | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-9<br>(8) | Cloud. |                                                                            |                                     |      |                                       | Barom.<br>at<br>M.S.L.<br>mb.<br>(15) | Change in<br>8 hours.<br>(16) | Wind.  |                                                                            | Weather. | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-9<br>(22) | Cloud.                              |                          |                           |                           |                         | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER. |          |          |        |        |     |
|                                       |                                      |                                      |                              | Dir.  | Force.<br>0-12<br>(4) |          |                     |                    |                           | Form.  | Amount.<br>Low 0-10<br>Med. 10-30<br>High 30-100<br>Total 0-100<br>(10-13) | Height<br>of Base<br>(feet)<br>(14) | Dir. | Force.<br>0-12<br>(18)                |                                       |                               | Form.  | Amount.<br>Low 0-10<br>Med. 10-30<br>High 30-100<br>Total 0-100<br>(23-26) |          |                      |                     |                            | Height<br>of Base<br>(feet)<br>(28) | 7h.—13h.<br>29th<br>(37) | 13h.—18h.<br>29th<br>(38) | 18h.—24h.<br>30th<br>(39) | 1h.—7h.<br>30th<br>(40) |                                    |                     |          |          |          |        |        |     |
|                                       |                                      |                                      |                              |       |                       |          |                     |                    |                           |        |                                                                            |                                     |      |                                       |                                       |                               |        |                                                                            |          |                      |                     |                            |                                     |                          |                           |                           |                         |                                    |                     |          |          |          |        |        |     |
| 1                                     | London (Kew)...                      | 1009.3                               | 0                            | NW    | 4                     | pr       | 65                  | 65                 | 8                         | 2      | -                                                                          | 9                                   | 1500 | 1009.0                                | -2                                    | WN                            | 3      | c                                                                          | 64       | 65                   | 8                   | 8                          | -                                   | 9                        | 1500                      | 1                         | *                       | cmoid.pr                           | cprc                | bcw      | cb       |          |        |        |     |
|                                       | Croydon ...                          | 1009.3                               | -2                           | NW    | 3                     | c        | 65                  | 65                 | 7                         | 2      | 7                                                                          | -                                   | 2.3  | 9                                     | 2500                                  | 1009.2                        | -2     | WS                                                                         | 3        | c                    | 61                  | 65                         | 8                                   | 2                        | 3                         | -                         | 4.6                     | 9                                  | 1800                | 1        | *        | cirid.   | c      | cirid. | bcw |
|                                       | S. Farnborough                       | 1009.6                               | -2                           | NW    | 3                     | c/pr     | 63                  | 75                 | 8                         | 7      | -                                                                          | 7.8                                 | 9    | 4000                                  | 1009.5                                | +2                            | WN     | 3                                                                          | c/pr     | 61                   | 75                  | 8                          | 8                                   | 3                        | -                         | 7.8                       | 9                       | 4000                               | 1                   | *        | idopr    | cprc     | cirid. | bcw    |     |
|                                       | Boscombe Down                        | 1011.1                               | 0                            | NW    | 3                     | c        | 60                  | 75                 | 8                         | 5      | -                                                                          | 10                                  | 10   | 5000                                  | 1010.8                                | -2                            | WN     | 4                                                                          | c        | 61                   | 65                  | 8                          | 8                                   | -                        | -                         | 7.8                       | 7.8                     | 5000                               | 0                   | *        | c        | c        | cirid. | bcw    |     |
|                                       | Thorney Island                       | 1010.0                               | -2                           | WN    | 4                     | c        | 65                  | 65                 | 8                         | 3      | -                                                                          | 2.3                                 | 9    | 4000                                  | 1010.2                                | -2                            | WN     | 3                                                                          | c        | 62                   | 75                  | 8                          | 8                                   | 6                        | -                         | 1                         | 9                       | 2500                               | 1                   | *        | c        | c        | cirid. | bcw    |     |
|                                       | Lympe ...                            | 1009.6                               | -2                           | WN    | 4                     | c        | 65                  | 75                 | 7                         | 6      | -                                                                          | 7.8                                 | 9    | 2000                                  | 1009.5                                | 0                             | WN     | 2                                                                          | c        | 63                   | 65                  | 7                          | 8                                   | 6                        | -                         | 7                         | 9                       | 4000                               | 1                   | *        | cprc     | cprc     | cirid. | bcw    |     |
|                                       | Manston ...                          | 1008.0                               | +2                           | SE    | 3                     | z        | 64                  | 75                 | 6                         | 2      | -                                                                          | 9                                   | 10   | 1000                                  | 1008.0                                | +2                            | NW     | 3                                                                          | c        | 63                   | 55                  | 7                          | 5                                   | -                        | -                         | 9                         | 9                       | 4000                               | 1                   | *        | cmoid.pr | cprc     | cirid. | bcw    |     |
| 2                                     | Shoeburyness ...                     | 1008.5                               | +2                           | WN    | 3                     | c        | 65                  | 75                 | 6                         | 3      | -                                                                          | 4.6                                 | 9    | 1500                                  | 1008.8                                | +2                            | NW     | 3                                                                          | c        | 64                   | 75                  | 8                          | 5                                   | 3                        | -                         | 7.8                       | 9                       | 4000                               | 1                   | *        | idopr    | cprc     | cirid. | bcw    |     |
|                                       | Felixstowe ...                       | 1006.9                               | -8                           | NW    | 4                     | z        | 66                  | 75                 | 6                         | 8      | -                                                                          | 7                                   | 8    | 6000                                  | 1007.2                                | +4                            | NW     | 4                                                                          | z        | 63                   | 75                  | 6                          | 5                                   | 7                        | -                         | 7                         | 9                       | 3000                               | 1                   | 3        | cirid.   | cprc     | cirid. | bcw    |     |
|                                       | Gorleston ...                        | 1006.9                               | -4                           | NW    | 3                     | c        | 65                  | 85                 | 6                         | 6      | -                                                                          | 10                                  | 10   | 1500                                  | 1007.0                                | +4                            | NNW    | 3                                                                          | tr       | 58                   | 97                  | 7                          | 6                                   | -                        | -                         | 10                        | 10                      | 1500                               | 1                   | 2        | cirid.   | cprc     | cirid. | bcw    |     |
|                                       | Mildenhall ...                       | 1009.5                               | -2                           | WN    | 3                     | c        | 63                  | 75                 | 7                         | 8      | -                                                                          | 9                                   | 9    | 3000                                  | 1007.4                                | +2                            | NW     | 2                                                                          | bc       | 63                   | 75                  | 7                          | 7                                   | -                        | -                         | 4.6                       | 4.6                     | 3000                               | 1                   | *        | cmoid.pr | cprc     | cirid. | bcw    |     |
|                                       | Cranwell ...                         | 1008.1                               | +2                           | NW    | 4                     | c        | 61                  | 65                 | 7                         | 5      | 2                                                                          | -                                   | 7.8  | 10                                    | 2000                                  | 1007.7                        | -2     | WN                                                                         | 3        | cjp                  | 61                  | 75                         | 6                                   | 8                        | 7                         | -                         | 7.8                     | 9                                  | 2200                | 1        | *        | cmoid.pr | cprc   | cirid. | bcw |
| 3                                     | Birmingham                           | 1009.9                               | 0                            | NW    | 3                     | c        | 61                  | 55                 | 8                         | 8      | -                                                                          | 10                                  | 10   | 1500                                  | 1009.8                                | -2                            | WN     | 2                                                                          | c        | 58                   | 85                  | 6                          | 6                                   | 7                        | -                         | 4.6                       | 10                      | 1500                               | 1                   | *        | c        | cprc     | cirid. | bcw    |     |
| 4                                     | Upper Heyford                        | 1009.3                               | -2                           | WN    | 4                     | c        | 63                  | 65                 | 8                         | 3      | 5                                                                          | -                                   | 7.8  | 7.8                                   | 1500                                  | 1009.4                        | +2     | NW                                                                         | 4        | c                    | 57                  | 85                         | 8                                   | 8                        | -                         | -                         | 10                      | 10                                 | 1200                | 1        | *        | cmoid.pr | cprc   | cirid. | bcw |
|                                       | Ross-on-Wye ...                      | 1010.5                               | -4                           | WN    | 4                     | c        | 63                  | 65                 | 9                         | 8      | -                                                                          | 9                                   | 9    | 4000                                  | 1010.2                                | -4                            | WN     | 3                                                                          | c        | 61                   | 75                  | 9                          | 8                                   | -                        | -                         | 9                         | 9                       | 2500                               | 1                   | *        | cmoid.pr | cprc     | cirid. | bcw    |     |
| 5                                     | Hartland Point                       | 1012.9                               | -2                           | NW    | 4                     | c/pr     | 59                  | 85                 | 8                         | 8      | -                                                                          | 9                                   | 9    | 1400                                  | 1011.9                                | -6                            | W      | 4                                                                          | c        | 60                   | 85                  | 9                          | 8                                   | 4                        | -                         | 4.6                       | 9                       | 1500                               | 0                   | 4        | cprc     | cprc     | cirid. | bcw    |     |
|                                       | Bristol ...                          | 1011.4                               | -4                           | WS    | 4                     | c/pr     | 62                  | 75                 | 8                         | 8      | -                                                                          | 4.6                                 | 10   | 2200                                  | 1010.6                                | -6                            | W      | 4                                                                          | c        | 61                   | 75                  | 8                          | 8                                   | 6                        | -                         | 2                         | 9                       | 2100                               | 0                   | *        | cprc     | cprc     | cirid. | bcw    |     |
|                                       | Portland Bill ...                    | 1012.1                               | +4                           | W     | 4                     | c        | 62                  | 85                 | 8                         | 5      | -                                                                          | 7.8                                 | 7.8  | 4000                                  | 1011.2                                | -4                            | W      | 4                                                                          | c        | 60                   | 85                  | 8                          | 5                                   | -                        | -                         | 10                        | 10                      | 4000                               | 0                   | 4        | c        | cprc     | cprc   | bcw    |     |
|                                       | Plymouth ...                         | 1013.6                               | -2                           | NW    | 4                     | c/pr     | 64                  | 65                 | 8                         | 8      | -                                                                          | 9                                   | 9    | 2500                                  | 1013.2                                | 0                             | NW     | 4                                                                          | c        | 63                   | 65                  | 8                          | 8                                   | 6                        | -                         | 4.6                       | 4.6                     | 3000                               | 1                   | 3        | cprc     | cprc     | cirid. | bcw    |     |
|                                       | The Lizard ...                       | 1014.7                               | 0                            | NW    | 4                     | c/pr     | 64                  | 65                 | 8                         | 8      | 6                                                                          | -                                   | 4.6  | 7.8                                   | 2500                                  | 1014.2                        | -2     | WN                                                                         | 5        | c                    | 58                  | 85                         | 8                                   | 8                        | 5                         | -                         | 4.6                     | 7.8                                | 2500                | 0        | 3        | cprc     | cprc   | cirid. | bcw |
|                                       | Scilly (St. Mary's)                  | 1015.3                               | -2                           | NW    | 4                     | bc       | 66                  | 65                 | 8                         | 8      | 6                                                                          | -                                   | 2.3  | 4.6                                   | 2500                                  | 1014.8                        | -2     | NW                                                                         | 5        | cjp                  | 60                  | 75                         | 8                                   | 8                        | 6                         | -                         | 7.8                     | 9                                  | 1200                | 0        | 4        | cprc     | cprc   | cirid. | bcw |
| 6                                     | Pembroke ...                         | 1013.2                               | -6                           | WN    | 2                     | c        | 60                  | 85                 | 7                         | 8      | 6                                                                          | -                                   | 7.8  | 9                                     | 2500                                  | 1012.7                        | -6     | WN                                                                         | 4        | c                    | 59                  | 85                         | 8                                   | 8                        | 2                         | -                         | 7.8                     | 9                                  | 2000                | 1        | 3        | c        | cprc   | cirid. | bcw |
| 7                                     | Holyhead (Valley)                    | 1010.3                               | -4                           | WN    | 4                     | c        | 63                  | 75                 | 9                         | 8      | -                                                                          | 9                                   | 9    | 3000                                  | 1009.8                                | +2                            | WN     | 4                                                                          | c/pr     | 58                   | 92                  | 9                          | 8                                   | 3                        | -                         | 9                         | 9                       | 2500                               | 1                   | 2        | cirid.   | cprc     | cirid. | bcw    |     |
|                                       | Chester (Sealand)                    | 1009.6                               | -2                           | WN    | 4                     | c        | 59                  | 85                 | 7                         | 5      | -                                                                          | 10                                  | 10   | 1000                                  | 1009.5                                | 0                             | NW     | 4                                                                          | c        | 60                   | 75                  | 8                          | 5                                   | 3                        | -                         | 7.8                       | 9                       | 1200                               | 0                   | *        | c        | cprc     | cirid. | bcw    |     |
| 8                                     | Manchester ...                       | 1009.9                               | -4                           | W     | 4                     | c        | 62                  | 65                 | 8                         | 8      | -                                                                          | 4.6                                 | 10   | 2500                                  | 1009.0                                | 0                             | WN     | 4                                                                          | c/pr     | 60                   | 85                  | 8                          | 8                                   | 3                        | -                         | 4.6                       | 9                       | 2000                               | 1                   | *        | cprc     | cprc     | cirid. | bcw    |     |
| 10                                    | Spurn Head ...                       | 1007.5                               | +2                           | NW    | 4                     | tr       | 58                  | 85                 | 6                         | 6      | -                                                                          | 10                                  | 10   | 1500                                  | 1007.4                                | 0                             | -      | 0                                                                          | 59       | 85                   | 6                   | 8                          | 7                                   | -                        | 4.6                       | 9                         | 2500                    | 1                                  | 0                   | omr      | cprc     | cirid.   | bcw    |        |     |
|                                       | Catterick ...                        | 1007.7                               | -6                           | NNW   | 3                     | c        | 63                  | 65                 | 9                         | 8      | -                                                                          | 9                                   | 9    | 2800                                  | 1007.0                                | -2                            | WN     | 1                                                                          | tr       | 60                   | 85                  | 9                          | 8                                   | 7                        | -                         | 4.6                       | 10                      | 2000                               | 0                   | *        | mrddc    | cprc     | cirid. | bcw    |     |
|                                       | Tynemouth ...                        | 1007.7                               | -8                           | W     | 4                     | c        | 63                  | 55                 | 8                         | 8      | -                                                                          | 9                                   | 9    | 3000                                  | 1007.2                                | -4                            | W      | 3                                                                          | c/pr     | 61                   | 75                  | 7                          | 8                                   | -                        | -                         | 9                         | 9                       | 3000                               | 1                   | 2        | c        | cprc     | cirid. | bcw    |     |
| 11                                    | St. Abbs Head                        | 1006.8                               | 0                            | NNW   | 3                     | c        | 57                  | 92                 | 9                         | 8      | 2                                                                          | -                                   | 7.8  | 10                                    | 2500                                  | 1006.8                        | 0      | -                                                                          | 55       | 97                   | 8                   | 8                          | 4                                   | -                        | 4.6                       | 9                         | 1500                    | 1                                  | 2                   | c        | cprc     | cirid.   | bcw    |        |     |
|                                       | Leuchars ...                         | 1006.2                               | -6                           | ESE   | 4                     | c        | 59                  | 85                 | 8                         | 7      | -                                                                          | 7.8                                 | 9    | 2200                                  | 1006.1                                | +2                            | ESE    | 0                                                                          | id.      | 58                   | 85                  | 7                          | 5                                   | 2                        | -                         | 7.8                       | 10                      | 2200                               | 1                   | *        | cirid.   | cprc     | cirid. | bcw    |     |
| 12                                    | Renfrew (Abbots L.)                  | 1007.3                               | -6                           | NW    | 2                     | c        | 63                  | 75                 | 8                         | 7      | -                                                                          | 7.8                                 | 9    | 1200                                  | 1007.2                                | 0                             | WN     | 4                                                                          | bc       | 62                   | 65                  | 9                          | 2                                   | 3                        | -                         | 2.3                       | 2.3                     | 2500                               | 0                   | *        | cirid.   | cprc     | cirid. | bcw    |     |
|                                       | Eskdalemuir ...                      | 1007.0                               | -6                           | WS    | 3                     | c        | 57                  | 85                 | 6                         | 8      | -                                                                          | 9                                   | 9    | 450                                   | 1006.6                                | +2                            | NW     | 3                                                                          | pr       | 55                   | 92                  | 8                          | 5                                   | -                        | -                         | 9                         | 9                       | 1500                               | 1                   | *        | cprc     | cprc     | cirid. | bcw    |     |
|                                       | Point of Ayre ...                    | 1009.0                               | -4                           | NNW   | 4                     | c        | 59                  | 85                 | 7                         | 8      | -                                                                          | 9                                   | 9    | 3000                                  | 1008.9                                | -2                            | NNW    | 4                                                                          | pr       | 58                   | 85                  | 8                          | 8                                   | 4                        | -                         | 4.6                       | 9                       | 2500                               | 0                   | 3        | c        | cprc     | cirid. | bcw    |     |
| 13A                                   | Tiree ...                            | 1008.6                               | 0                            | WS    | 3                     | id.      | 59                  | 92                 | 7                         | 5      | -                                                                          | 7.8                                 | 7.8  | 1500                                  | 1008.8                                | +4                            | WN     | 2                                                                          | c        | 59                   | 85                  | 8                          | 5                                   | -                        | -                         | 7.8                       | 7.8                     | 2500                               | 0                   | 4        | cdr      | cprc     | cirid. | bcw    |     |
| 13B                                   | Stornoway ...                        | 1007.0                               | +4                           | SSE   | 3                     | c        | 59                  | 92                 | 8                         | 8      | 7                                                                          | -                                   | 7.8  | 10                                    | 2000                                  | 1007.7                        | +4     | NW                                                                         | 1        | c                    | 55                  | 85                         | 8                                   | 5                        | 7                         | 9                         | 4.6                     | 7.8                                | 2500                | 1        | 1        | cprc     | cprc   | cirid. | bcw |
| 15                                    | Dalwhinnie ...                       | 1007.0                               | 0                            | W     | 1                     | c        | 60                  | 75                 | 8                         | 8      | -                                                                          | 6                                   | 7    | 8                                     | 9                                     | 2500                          | 1007.5 | +2                                                                         | WS       | 1                    | c                   | 61                         | 65                                  | 8                        | 6                         | 1                         | 4.6                     | 7.8                                | 2500                | 0        | *        | c        | cprc   | cirid. | bcw |
|                                       | Aberdeen ...                         | 1006.5                               | +2                           | NW    | 3                     | tr       | 55                  | 85                 | 6                         | 6      | 2                                                                          | -                                   | 4.6  | 10                                    | 1500                                  | 1006.3                        | +2     | NW                                                                         | 1        | c                    | 58                  | 85                         | 8                                   | 2                        | 7                         | -                         | 1                       | 9                                  | 1500                | 1        | 2        | cirid.   | cprc   | cirid. | bcw |
|                                       | Wick ...                             | 1007.1                               | -2                           | NE    | 1                     | tr       | 56                  | 92                 | 8                         | 5      | 2                                                                          | -                                   | 2.3  | 10                                    | 500                                   | 1006.8                        | -2     | ENE                                                                        | 2        | c                    | 58                  | 85                         | 8                                   | 2                        | 7                         | 9                         | 2.3                     | 9                                  | 1200                | 1        | *        | fcirid.  | cprc   | cirid. | bcw |
| 16                                    | Lerwick, Sumbel                      | 1006.3                               | -6                           | NNW   | 2                     | dd       | 55                  | 97                 | 6                         | 5      | 2                                                                          | -                                   | 9    | 10                                    | 300                                   | 1005.6                        | -4     | NNW                                                                        | 4        | dd                   | 53                  | 97                         | 6                                   | 5                        | 2                         | -                         | 7.8                     | 10                                 | 1200                | *        | *        | bc       | cprc   | cirid. | bcw |
| 17                                    | Blacksod Point...                    | 1012.9                               | +8                           | WN    | 5                     | c        | 60                  | 85                 | 8                         | 3      | 6                                                                          | -                                   | 4.6  | 9                                     | 1500                                  | 1014.5                        | +10    | NW                                                                         | 5        | cq                   | 59                  | 85                         | 7                                   | 3                        | 6                         | -                         | 2.3                     | 7.8                                | 1500                | 0        | 4        | c        | cprc   | cirid. | bcw |
| 18                                    | Malin Head ...                       | 1009.5                               | +2                           | W     | 4                     | c        | 60                  | 85                 | 9                         | 5      | -                                                                          | 4.6                                 | 7.8  | 2500                                  | 1009.3                                | +2                            | NW     | 5                                                                          | c/pr     | 58                   | 85                  | 7                          | 8                                   | -                        | -                         | 9                         | 9                       | 1500                               | 0                   | 3        | c        | cprc     | cirid. | bcw    |     |
|                                       | Aldergrove ...                       | 1009.9                               | -2                           | NW    | 1                     | c/pr     | 58                  | 85                 | 7                         |        |                                                                            |                                     |      |                                       |                                       |                               |        |                                                                            |          |                      |                     |                            |                                     |                          |                           |                           |                         |                                    |                     |          |          |          |        |        |     |



| Abridged observations of additional stations in the<br>AVIATION WEATHER CODE |                |       |                 |             |                |       |                 |                       |                |    |                 |             |                |    |                 |
|------------------------------------------------------------------------------|----------------|-------|-----------------|-------------|----------------|-------|-----------------|-----------------------|----------------|----|-----------------|-------------|----------------|----|-----------------|
| 13h. G.M.T. 29th July                                                        |                |       |                 | 18h. G.M.T. |                |       |                 | 01h. G.M.T. 30th July |                |    |                 | 07h. G.M.T. |                |    |                 |
| III                                                                          | C <sub>L</sub> | ww    | Vh <sub>N</sub> | DDFWN       | C <sub>L</sub> | ww    | Vh <sub>N</sub> | DDFWN                 | C <sub>L</sub> | ww | Vh <sub>N</sub> | DDFWN       | C <sub>L</sub> | ww | Vh <sub>N</sub> |
| 109                                                                          | 82             | 62855 | 28168           | 57          | 02742          | 30165 | 57              | 02851                 | 25125          | 52 | 62754           | 27168       |                |    |                 |
| 115                                                                          | 52             | 81845 | 08188           | 54          | 02944          | 14185 | 54              | 02844                 | 20226          | 52 | 81834           | 28287       |                |    |                 |
| 203                                                                          |                |       |                 | 5-          | 02938          | 16458 | 5-              | 51838                 | 16128          |    |                 |             |                |    |                 |
| 206                                                                          | 87             | 02964 | 08326           | 87          | 81865          | 06188 | 5-              | 22758                 | 00088          | 8- | 25858           | 00088       |                |    |                 |
| 210                                                                          | 87             | 02863 | 28127           | 43          | 02863          | 06327 | 5-              | 02866                 | 00027          | 53 | 02765           | 28157       |                |    |                 |
| 220                                                                          |                |       |                 | 83          | 01844          | 28314 |                 |                       |                | 83 | 02845           | 28316       |                |    |                 |
| 230                                                                          | 87             | 25856 | 24187           | 8-          | 81847          | 20187 | 8-              | 02857                 | 24327          | 8- | 25857           | 24287       |                |    |                 |
| 245                                                                          | 5-             | 02855 | 14268           | 57          | 02764          | 12257 | 5-              | 02777                 | 00027          | 64 | 21723           | 00057       |                |    |                 |
| 260                                                                          | 83             | 02764 | 28326           | 83          | 10855          | 04326 | 57              | 02754                 | 20217          | 57 | 05666           | 22227       |                |    |                 |
| 277                                                                          |                |       |                 |             |                |       |                 |                       |                |    |                 |             |                |    |                 |
| 279                                                                          | 57             | 02855 | 20427           | 83          | 02854          | 22224 |                 |                       |                | 7- | 02847           | 22227       |                |    |                 |
| 285                                                                          |                |       |                 |             |                |       |                 |                       |                | 23 | 02745           | 24527       |                |    |                 |
| 288                                                                          | 8-             | 02968 | 25258           | 87          | 25856          | 25387 | 8-              | 02746                 | 24226          | 5- | 81657           | 17187       |                |    |                 |
| 273                                                                          |                |       |                 |             |                |       |                 |                       |                |    |                 |             |                |    |                 |
| 301                                                                          | 81             | 02945 | 26427           | 77          | 02845          | 28426 | 50              | 01834                 | 28314          | 82 | 25845           | 28488       |                |    |                 |
| 321                                                                          | 7-             | 02748 | 28428           | 87          | 02774          | 25426 | 57              | 05663                 | 26427          | 73 | 05564           | 27214       |                |    |                 |
| 299                                                                          | 5-             | 05648 | 26388           | 57          | 02745          | 00026 | 5-              | 05648                 | 26228          | 5- | 02747           | 26217       |                |    |                 |
| 292                                                                          | 52             | 02965 | 24258           | 87          | 02955          | 23287 | 5-              | 01754                 | 25264          | 53 | 01953           | 25113       |                |    |                 |
| 310                                                                          | --             | 02638 | 26428           |             |                |       |                 |                       |                |    |                 |             |                |    |                 |
| 312                                                                          | 9-             | 13668 | 26328           | 87          | 81655          | 28267 | 50              | 05561                 | 24261          | 54 | 05514           | 26326       |                |    |                 |
| 333                                                                          | 8-             | 81948 | 26428           | 87          | 25846          | 26387 | 40              | 01853                 | 26523          | 57 | 02834           | 26426       |                |    |                 |
| 334                                                                          | --             | 93847 | 26428           |             |                |       |                 |                       |                | -- | 02647           | 26328       |                |    |                 |
| 340                                                                          | 5-             | 02968 | 28228           | 83          | 81855          | 28286 | 50              | 00872                 | 22282          | 80 | 25755           | 24285       |                |    |                 |
| 136                                                                          | 6-             | 62627 | 28498           | 52          | 02774          | 30268 | 5-              | 05667                 | 27387          | 73 | 01773           | 26414       |                |    |                 |
| 336                                                                          | 53             | 01763 | 28426           |             |                |       |                 |                       |                | 52 | 22752           | 26468       |                |    |                 |
| 350                                                                          | 8-             | 02767 | 26357           | 5-          | 81668          | 24328 | 3-              | 05663                 | 24263          | 70 | 02754           | 24317       |                |    |                 |
| 368                                                                          |                |       |                 |             |                |       |                 |                       |                | 83 | 02764           | 26327       |                |    |                 |
| 379                                                                          | 23             | 02847 | 28327           | 67          | 62746          | 26368 | 40              | 01761                 | 16381          | 53 | 02865           | 24216       |                |    |                 |
| 890                                                                          | 87             | 02755 | 26488           | 53          | 02766          | 26428 | 52              | 62446                 | 24368          | 54 | 00752           | 27313       |                |    |                 |
| 382                                                                          | 83             | 25965 | 28426           | 87          | 81845          | 28387 | 40              | 00861                 | 26212          | 53 | 02876           | 23317       |                |    |                 |
| 438                                                                          | 62             | 10735 | 24388           |             |                |       |                 |                       |                | 50 | 01863           | 20213       |                |    |                 |
| 430                                                                          | 8-             | 02855 | 26327           | 5-          | 02878          | 24428 | 03              | 00750                 | 24101          | 5- | 02886           | 24226       |                |    |                 |
| 409                                                                          | 87             | 02855 | 28455           | 87          | 02854          | 28426 | 40              | 01753                 | 28483          | 8- | 81845           | 60486       |                |    |                 |

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.



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 almost stationary trough of low pressure which covers the North Sea will slowly fill up. A ridge of high pressure from the Azores anticyclone lies to the westward of Iceland and connects with a new anticyclone North of Iceland. Cool northwesterly winds with rather showery weather will prevail generally.

### FURTHER OUTLOOK.

Unsettled weather will continue for a few days

Warm front  
 Cold front  
 Occlusion.

Forecasts issued at 10.30h.

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

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

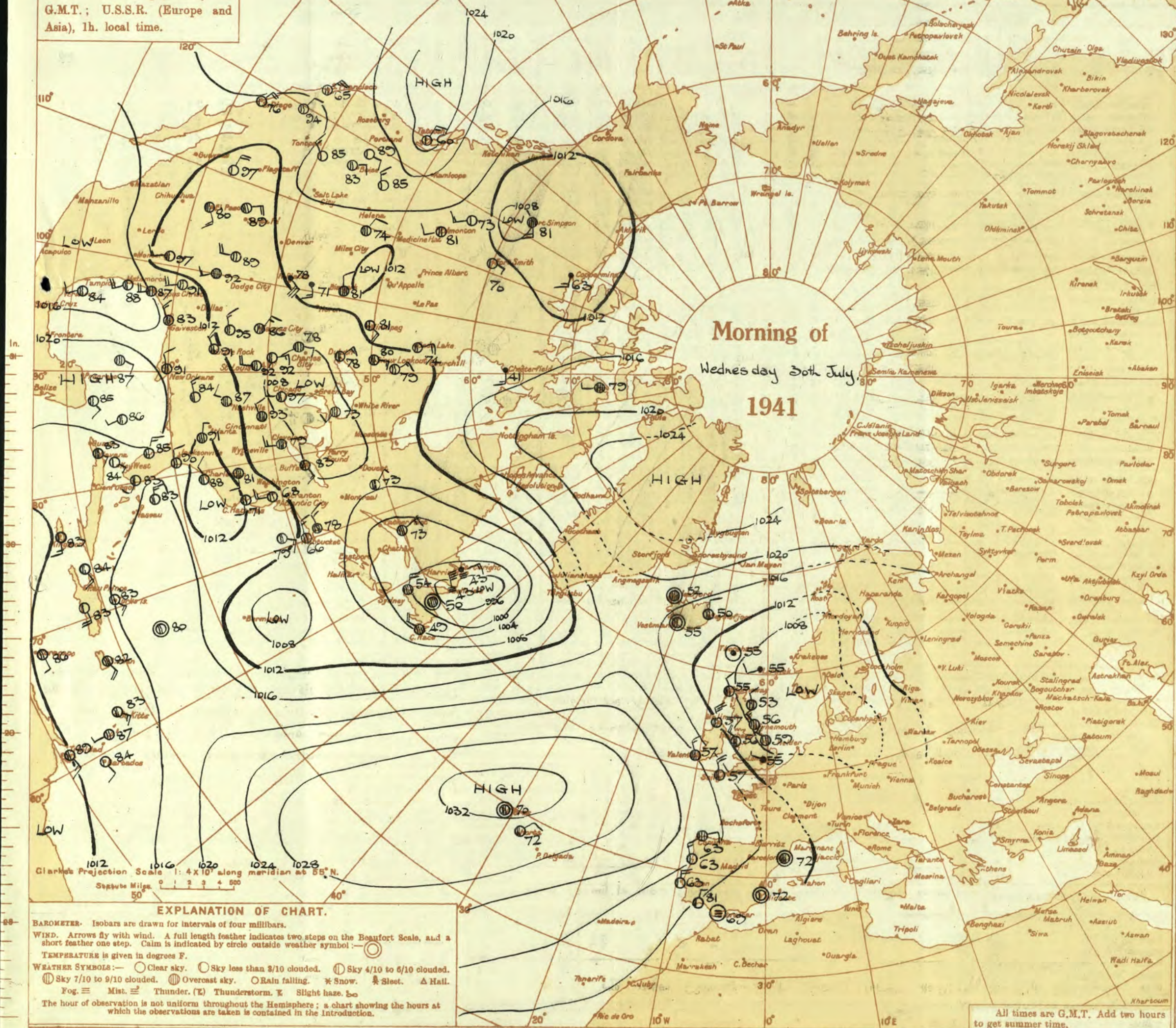
G. 266. Hs. 8176. 2. 0034. 2. 548. 3300. 3/41

| DISTRICTS.                                 | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 30th July 1941  |
|--------------------------------------------|---------------------------------------------------------------------------------|
| 1 S.E. England                             |                                                                                 |
| 2 E. England ...                           |                                                                                 |
| 3 E. Midlands ...                          |                                                                                 |
| 4 W. Midlands ...                          |                                                                                 |
| 5 S.W. England                             | Moderate northwest winds, fresh locally on coasts; cloudy and brighter periods; |
| 6 South Wales ...                          | rather showery in most districts; some local thunder afternoon and evening      |
| 7 North Wales ...                          | chiefly in east and Southeast England; cool generally.                          |
| 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.<br>B.N.W. Scot-<br>land. |                                                                                 |
| 14 Mid Scotland                            | light to moderate westerly winds; cloudy or dull; rain at times; some           |
| 15 N. E. Scotland                          | coastal fog probable; rather cool.                                              |
| 16 Orkneys and Shetlands                   |                                                                                 |
| 17 N. W. Ireland                           |                                                                                 |
| 18 N. E. Ireland                           |                                                                                 |
| 19 S. E. Ireland                           |                                                                                 |
| 20 S. W. Ireland                           | Moderate northwest winds; showery; bright intervals; rather cool.               |



# 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 30th July 1941  
No. 23105

| OBSERVATIONS at 1 hr. G.M.T. 30th July |           |                              |                      |                    |        |        |          |           |          |             |        |      |       |       | OBSERVATIONS at 7 hr. G.M.T. 30th July |                      |                    |                        |      |          |           |          |             |        |       |       |                  |      |              | PAST 24 HOURS.         |                     |                       |                   |                |                |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     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|----------------------------------------|-----------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|------|-------|-------|----------------------------------------|----------------------|--------------------|------------------------|------|----------|-----------|----------|-------------|--------|-------|-------|------------------|------|--------------|------------------------|---------------------|-----------------------|-------------------|----------------|----------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--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| DISTRICT.                              | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |      |       |       |                                        | Barom. at M.S.L. (1) | Change in 3 hours. | Wind.                  |      | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. |       |       | State of Ground. | Sea. | TEMPERATURE. |                        |                     | RAINFALL.             |                   | Sun-shine Hrs. |                |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      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|                                        |           |                              |                      |                    | Direc. | Force. |          |           |          |             | Low.   | Med. | High. | Form. | Amount.                                |                      |                    | Height of Base (feet). | Low. |          |           |          |             | Med.   | High. | Form. |                  |      | Amount.      | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. |                | Day 7h-18h mm. | Night 18h-7h mm. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                        |           |                              |                      |                    |        |        |          |           |          |             |        |      |       |       |                                        |                      |                    |                        |      |          |           |          |             |        |       |       |                  |      |              |                        |                     |                       |                   |                |                |                  | 0-12 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Thursday 31st July 1941  
No. 29106.

OBSERVATIONS at 13h. G.M.T. 30th July

OBSERVATIONS at 18h. G.M.T. 30th July

PAST 24 HOURS.

| District. | STATIONS.<br>(For heights see p. 4.) | Barom.<br>at<br>M.S.L.<br>mb.<br>(1) | Change in<br>3 hours.<br>(2) | Wind. |                       | Weather. | Temp.<br>°F.<br>(6) | Humid.<br>%<br>(7) | Visibility.<br>0-10<br>(8) | Cloud. |                                                |                                     |      | Barom.<br>at<br>M.S.L.<br>mb.<br>(15) | Change in<br>3 hours.<br>(16) | Wind.                  |        | Weather. | Temp.<br>°F.<br>(20) | Humid.<br>%<br>(21) | Visibility.<br>0-10<br>(22) | Cloud.                                         |                                     |                          |                           | State of<br>Ground.<br>0-9<br>(29) | Sea.<br>0-9<br>(30) | WEATHER.                 |                          |        |        |       |       |       |      |     |      |      |
|-----------|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|----------------------------|--------|------------------------------------------------|-------------------------------------|------|---------------------------------------|-------------------------------|------------------------|--------|----------|----------------------|---------------------|-----------------------------|------------------------------------------------|-------------------------------------|--------------------------|---------------------------|------------------------------------|---------------------|--------------------------|--------------------------|--------|--------|-------|-------|-------|------|-----|------|------|
|           |                                      |                                      |                              | Dir.  | Force.<br>0-12<br>(4) |          |                     |                    |                            | Form.  | Amount.<br>Low 0-10<br>Total 0-10<br>(12) (13) | Height<br>of Base<br>(feet)<br>(14) | Dir. |                                       |                               | Force.<br>0-12<br>(18) | Form.  |          |                      |                     |                             | Amount.<br>Low 0-10<br>Total 0-10<br>(24) (25) | Height<br>of Base<br>(feet)<br>(28) | 7h.—13h.<br>30th<br>(37) | 13h.—18h.<br>30th<br>(38) |                                    |                     | 18h.—1st<br>31st<br>(39) | 1st.—7h.<br>31st<br>(40) |        |        |       |       |       |      |     |      |      |
|           |                                      |                                      |                              |       |                       |          |                     |                    |                            |        |                                                |                                     |      |                                       |                               |                        |        |          |                      |                     |                             |                                                |                                     |                          |                           |                                    |                     |                          |                          | Low.   | Med.   | High  | Low   | Med.  | High | Low | Med. | High |
|           |                                      |                                      |                              |       |                       |          |                     |                    |                            |        |                                                |                                     |      |                                       |                               |                        |        |          |                      |                     |                             |                                                |                                     |                          |                           |                                    |                     |                          |                          |        |        |       |       |       |      |     |      |      |
| 1         | London (Kew)...                      | 1011.0                               | +2                           | WSW   | 3                     | tlr      | 59                  | 85                 | 7                          | 8      | 2                                              | 9                                   | 10   | 1500                                  | 1010.4                        | -8                     | WNW    | 3        | Clr                  | 57                  | 85                          | 7                                              | 8                                   | 2                        | 7-8                       | 10                                 | 1500                | 1                        | *                        | cPrRpr | cPrRpr | c     | cm    |       |      |     |      |      |
|           | Croydon ...                          | 1011.3                               | +2                           | WNW   | 2                     | cPr      | 59                  | 82                 | 7                          | 9      | 7                                              | -                                   | 4-6  | 10                                    | 3000                          | 1010.7                 | -8     | WNW      | 2                    | lR                  | 56                          | 82                                             | 6                                   | 5                        | 2                         | 4-6                                | 10                  | 1200                     | 1                        | *      | bccpr  | prrr  | incld | inc   |      |     |      |      |
|           | S. Farnborough                       | 1011.0                               | -2                           | WSW   | 3                     | cPr      | 61                  | 75                 | 8                          | 8      | 3                                              | 3                                   | 7-8  | 9                                     | 2500                          | 1011.0                 | -2     | WNW      | 3                    | pr                  | 56                          | 85                                             | 9                                   | 8                        | 3                         | 7-8                                | 10                  | 4000                     | 1                        | *      | cPrR   | cPr   | incld | inc   |      |     |      |      |
|           | Boscombe Down                        | 1012.0                               | -2                           | WNW   | 4                     | c        | 61                  | 65                 | 8                          | 8      | -                                              | -                                   | 9    | 9                                     | 2500                          | 1011.8                 | -6     | WNW      | 2                    | cPr                 | 59                          | 75                                             | 7                                   | 8                        | 7                         | 7-8                                | 10                  | 2000                     | 1                        | *      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
|           | Thorney Island                       | 1011.9                               | +2                           | W     | 2                     | cPr      | 61                  | 85                 | 7                          | 8      | -                                              | -                                   | 10   | 10                                    | 1700                          | 1011.4                 | 0      | WNW      | 4                    | cPr                 | 59                          | 75                                             | 8                                   | 7                        | -                         | 7-8                                | 10                  | 800                      | 1                        | *      | bccRpr | cPr   | incld | inc   |      |     |      |      |
|           | Lymington                            | 1011.7                               | 0                            | WNW   | 1                     | cPr      | 63                  | 75                 | 8                          | 3      | 6                                              | 3                                   | 7-8  | 9                                     | 4000                          | 1011.3                 | -6     | WNW      | 2                    | pr                  | 54                          | 77                                             | 8                                   | 9                        | -                         | 10                                 | 10                  | 4000                     | 1                        | *      | bccRpr | cPr   | incld | inc   |      |     |      |      |
|           | Manston                              | 1010.3                               | +2                           | WNW   | 2                     | z        | 65                  | 65                 | 8                          | 3      | 6                                              | -                                   | 4-6  | 9                                     | 2500                          | 1009.7                 | -6     | WNW      | 2                    | cPr                 | 54                          | 72                                             | 6                                   | 5                        | 2                         | 2-3                                | 10                  | 1200                     | 1                        | *      | cmobcl | cPr   | incld | inc   |      |     |      |      |
| 2         | Shoeburyness ...                     | 1010.5                               | -4                           | WNW   | 3                     | bc       | 68                  | 55                 | 8                          | 8      | 3                                              | -                                   | 2-3  | 4-6                                   | 2500                          | 1010.5                 | -2     | WNW      | 2                    | cPr                 | 57                          | 82                                             | 8                                   | 6                        | 7                         | 2-3                                | 10                  | 800                      | 1                        | *      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
|           | Felixstowe ...                       | 1009.4                               | -2                           | NW    | 3                     | c        | 65                  | 65                 | 8                          | 8      | -                                              | -                                   | 9    | 9                                     | 5000                          | 1008.9                 | +2     | WNW      | 3                    | -                   | 61                          | 85                                             | 8                                   | 8                        | -                         | 9                                  | 9                   | 5000                     | 0                        | 2      | bic    | c     | bccpr | incld |      |     |      |      |
|           | Gorleston ...                        | 1009.5                               | +4                           | NE/E  | 2                     | c        | 65                  | 65                 | 7                          | 8      | -                                              | -                                   | 7-8  | 7-8                                   | 2000                          | 1009.3                 | -2     | -        | 0                    | pr                  | 62                          | 85                                             | 6                                   | 8                        | -                         | 10                                 | 10                  | 1900                     | 1                        | 2      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
|           | Mildenhall                           | 1009.1                               | 0                            | WNW   | 3                     | c        | 67                  | 65                 | 8                          | 8      | 7                                              | -                                   | 7-8  | 9                                     | 2500                          | 1008.9                 | -2     | WNW      | 2                    | c                   | 60                          | 85                                             | 7                                   | 8                        | 7                         | 7-8                                | 9                   | 3000                     | 1                        | *      | bicPrR | c     | incld | inc   |      |     |      |      |
|           | Cranwell                             | 1009.1                               | +2                           | WNW   | 5                     | c        | 65                  | 65                 | 7                          | 2      | 6                                              | -                                   | 4-6  | 7-8                                   | 2200                          | 1008.9                 | -2     | -        | 0                    | cPr                 | 59                          | 85                                             | 6                                   | 9                        | 6                         | 7-8                                | 9                   | 1800                     | 1                        | *      | cmobz  | cPrR  | incld | inc   |      |     |      |      |
| 3         | Birmingham                           | 1010.8                               | 0                            | WNW   | 3                     | cPr      | 56                  | 82                 | 5                          | 9      | 7                                              | -                                   | 4-6  | 9                                     | 1500                          | 1010.5                 | -2     | NW       | 3                    | c                   | 59                          | 75                                             | 7                                   | 8                        | 3                         | 2-3                                | 7-8                 | 1500                     | 1                        | *      | cPr    | cPr   | incld | inc   |      |     |      |      |
|           | Upper Heyford                        | 1010.7                               | +4                           | NW    | 2                     | pr       | 57                  | 82                 | 8                          | 8      | 7                                              | -                                   | 9    | 10                                    | 1000                          | 1010.5                 | -2     | W        | 2                    | c                   | 56                          | 82                                             | 8                                   | 2                        | 7                         | 9                                  | 9                   | 2500                     | 1                        | *      | PRpr   | cPrR  | incld | inc   |      |     |      |      |
| 4         | Ross-on-Wye ...                      | 1011.7                               | +4                           | WNW   | 4                     | cPr      | 57                  | 85                 | 8                          | 8      | 7                                              | -                                   | 9    | 10                                    | 2500                          | 1011.5                 | -4     | WNW      | 3                    | c                   | 59                          | 85                                             | 8                                   | 8                        | 1                         | 9                                  | 9                   | 2500                     | 0                        | *      | cPr    | cPr   | incld | inc   |      |     |      |      |
| 5         | Hartland Point                       | 1014.6                               | +2                           | WNW   | 3                     | ir       | 55                  | 85                 | 7                          | 8      | 6                                              | -                                   | 9    | 10                                    | 1300                          | 1013.7                 | -4     | WNW      | 4                    | c                   | 59                          | 75                                             | 9                                   | 2                        | 4                         | 8                                  | 1                   | 7-8                      | 2000                     | 0      | 4      | cPr   | cPr   | incld | inc  |     |      |      |
|           | Bristol ...                          | 1012.8                               | +4                           | W     | 4                     | cPr      | 58                  | 82                 | 8                          | 8      | 7                                              | -                                   | 4-6  | 10                                    | 1200                          | 1012.0                 | 0      | WNW      | 4                    | c                   | 60                          | 85                                             | 8                                   | 8                        | -                         | 9                                  | 9                   | 1800                     | 1                        | *      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
|           | Portland Bill                        | 1013.4                               | +4                           | W     | 4                     | c        | 62                  | 85                 | 8                          | 2      | 4                                              | -                                   | 4-6  | 7-8                                   | 4000                          | 1012.3                 | -8     | W        | 4                    | bc                  | 60                          | 82                                             | 8                                   | 2                        | -                         | 4-6                                | 4-6                 | 4000                     | 1                        | 3      | cPr    | cPr   | incld | inc   |      |     |      |      |
|           | Plymouth                             | 1015.1                               | -2                           | NW    | 4                     | pr       | 63                  | 65                 | 8                          | 3      | -                                              | -                                   | 9    | 9                                     | 700                           | 1014.5                 | -4     | WNW      | 4                    | bc                  | 61                          | 65                                             | 8                                   | 8                        | -                         | 4-6                                | 4-6                 | 1000                     | 1                        | 3      | cPr    | cPr   | incld | inc   |      |     |      |      |
|           | The Lizard                           | 1016.1                               | +1                           | W     | 4                     | c        | 61                  | 85                 | 8                          | 8      | 6                                              | -                                   | 7-8  | 7-8                                   | 2500                          | 1015.0                 | -4     | NW       | 5                    | bc                  | 61                          | 75                                             | 8                                   | 7                        | 4                         | 4-6                                | 4-6                 | 2500                     | 0                        | 4      | cPrR   | cPr   | incld | inc   |      |     |      |      |
|           | Scilly (St. Mary's)                  | 1016.0                               | 0                            | NW    | 4                     | c        | 62                  | 75                 | 8                          | 3      | 6                                              | 4                                   | 4    | 6                                     | 1200                          | 1016.3                 | -4     | WNW      | 5                    | bc                  | 60                          | 75                                             | 8                                   | 8                        | 6                         | 2-3                                | 4-6                 | 2200                     | 0                        | 4      | cPr    | cPr   | incld | inc   |      |     |      |      |
|           | Guernsey                             | 1016.0                               | 0                            | W     | 3                     | cPr      | 59                  | 85                 | 8                          | 8      | 6                                              | -                                   | 4-6  | 9                                     | 3000                          | 1013.4                 | -6     | WNW      | 2                    | bc/pr               | 60                          | 82                                             | 8                                   | 8                        | 6                         | 4-6                                | 4-6                 | 4000                     | 1                        | 3      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
| 6         | Pembroke                             | 1011.6                               | +6                           | WNW   | 5                     | cPr      | 59                  | 85                 | 8                          | 8      | 3                                              | 4                                   | 4    | 6                                     | 7-8                           | 3000                   | 1011.0 | -4       | NW                   | 4                   | c                           | 58                                             | 85                                  | 8                        | 8                         | 6                                  | 7-8                 | 7-8                      | 2500                     | 1      | 2      | cPrR  | cPrR  | incld | inc  |     |      |      |
| 7         | Holyhead (Valley)                    | 1010.4                               | +6                           | NW    | 5                     | c        | 59                  | 75                 | 7                          | 9      | 1                                              | -                                   | 9    | 9                                     | 1000                          | 1010.6                 | -2     | NW       | 4                    | bc                  | 60                          | 75                                             | 8                                   | 8                        | 4                         | 4-6                                | 4-6                 | 1500                     | 0                        | *      | cmobpr | c     | incld | inc   |      |     |      |      |
| 8         | Manchester                           | 1010.1                               | +2                           | W     | 4                     | c        | 60                  | 85                 | 8                          | 8      | -                                              | -                                   | 4-6  | 10                                    | 1500                          | 1009.9                 | -2     | WNW      | 4                    | bc                  | 60                          | 75                                             | 8                                   | 8                        | 4                         | 4-6                                | 4-6                 | 1800                     | 1                        | *      | cPr    | cPr   | incld | inc   |      |     |      |      |
| 10        | Spurn Head                           | 1008.6                               | +4                           | E     | 2                     | bc       | 62                  | 75                 | 7                          | 2      | -                                              | -                                   | 4-6  | 4-6                                   | 4000                          | 1008.4                 | 0      | WSW      | 1                    | bc                  | 61                          | 75                                             | 7                                   | 2                        | 6                         | 2-3                                | 4-6                 | 4000                     | 0                        | 1      | bc     | bc    | incld | inc   |      |     |      |      |
|           | Catterick                            | 1008.0                               | +2                           | -     | 0                     | c        | 60                  | 55                 | 8                          | 8      | 6                                              | -                                   | 7-8  | 7-8                                   | 3000                          | 1008.4                 | +8     | NW       | 2                    | cPrR                | 57                          | 85                                             | 7                                   | 9                        | 7                         | 7-8                                | 9                   | 1400                     | 1                        | 1      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
|           | Tynemouth                            | 1008.6                               | +10                          | NE/E  | 3                     | c        | 60                  | 85                 | 7                          | 8      | -                                              | -                                   | 7-8  | 7-8                                   | 2500                          | 1010.2                 | +6     | NNW      | 2                    | bc                  | 58                          | 85                                             | 8                                   | 2                        | 4                         | 2                                  | 2-3                 | 4-6                      | 3200                     | 1      | 2      | cPr   | cPr   | incld | inc  |     |      |      |
| 11        | St. Abbs Head                        | 1008.5                               | +10                          | NE    | 1                     | c        | 56                  | 82                 | 8                          | 5      | 4                                              | -                                   | 4-6  | 7-8                                   | 2500                          | 1009.9                 | 0      | -        | 0                    | c                   | 60                          | 85                                             | 9                                   | 5                        | 4                         | 1                                  | 4-6                 | 9                        | 2500                     | 0      | 1      | c     | c     | incld | inc  |     |      |      |
|           | Leuchars                             | 1008.1                               | +8                           | SE    | 3                     | c        | 61                  | 85                 | 7                          | 8      | 7                                              | -                                   | 7-8  | 9                                     | 2500                          | 1009.3                 | +2     | SE       | 1                    | c                   | 62                          | 85                                             | 9                                   | 5                        | 3                         | 1                                  | 7-8                 | 9                        | 2500                     | 0      | *      | c     | c     | incld | inc  |     |      |      |
| 12        | Renfrew (Abbots L.)                  | 1008.7                               | +8                           | NW    | 3                     | cPr      | 65                  | 65                 | 8                          | 9      | 4                                              | -                                   | 4-6  | 7-8                                   | 2000                          | 1009.0                 | +6     | NW       | 3                    | bc                  | 65                          | 75                                             | 8                                   | 3                        | 3                         | -                                  | 2-3                 | 4-6                      | 2000                     | 0      | *      | bccpr | cPrR  | incld | inc  |     |      |      |
|           | Eakdalemuir                          | 1007.5                               | +6                           | NNE   | 2                     | c        | 63                  | 55                 | 8                          | 8      | -                                              | -                                   | 9    | 9                                     | 1500                          | 1009.3                 | +10    | -        | 0                    | cPr                 | 56                          | 82                                             | 8                                   | 8                        | 2                         | 7-8                                | 9                   | 1500                     | 1                        | *      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
|           | Point of Ayre                        | 1010.0                               | +6                           | WNW   | 5                     | bc       | 63                  | 85                 | 8                          | 3      | 4                                              | 5                                   | 1    | 2-3                                   | 2500                          | 1010.1                 | -2     | WNW      | 4                    | bc                  | 60                          | 85                                             | 8                                   | 2                        | 4                         | 1                                  | 2-3                 | 1600                     | 0                        | 4      | cPrR   | cPrR  | incld | inc   |      |     |      |      |
| 13a       | Three ...                            | 1011.4                               | +12                          | NNW   | 3                     | bc       | 61                  | 75                 | 8                          | 8      | 3                                              | -                                   | 4-6  | 4-6                                   | 2500                          | 1012.8                 | +6     | WNW      | 4                    | c                   | 58                          | 85                                             | 8                                   | 5                        | 3                         | -                                  | 4-6                 | 7-8                      | 2800                     | 0      | 4      | cPr   | cPr   | incld | inc  |     |      |      |
| 13b       | Stornoway                            | 1010.8                               | +12                          | N     | 4                     | c        | 53                  | 82                 | 8                          | 8      | 7                                              | -                                   | 7-8  | 10                                    | 1200                          | 1012.4                 | +6     | NW       | 4                    | cPr                 | 55                          | 87                                             | 8                                   | 8                        | 7                         | -                                  | 7-8                 | 10                       | 1200                     | 1      | 2      | cPrR  | cPrR  | incld | inc  |     |      |      |
| 15        | Dalwhinnie                           | 1009.0                               | +10                          | NW    | 1                     | c        | 59                  | 75                 | 8                          | 5      | 3                                              | -                                   | 7-8  | 9                                     | 2500                          | 1009.8                 | +12    | NW       | 1                    | 0                   | 57                          | 85                                             | 8                                   | 5                        | 7                         | -                                  | 10                  | 10                       | 1500                     | 1      | *      | cPrR  | cPrR  | incld | inc  |     |      |      |
|           | Aberdeen                             | 1008.3                               | +10                          | N     | 3                     | c        | 62                  | 75                 | 8                          | 8      | 3                                              | -                                   | 7-8  | 7-8                                   | 3100                          | 1009.7                 | +8     | NW       | 3                    | c                   | 61                          | 75                                             | 8                                   | 8                        | 3                         | -                                  | 2-3                 | 7-8                      | 2800                     | 0      | 2      | c     | c     | incld | inc  |     |      |      |
|           | Wick                                 | 1008.9                               | +10                          | NW    | 3                     | c        | 60                  | 75                 | 9                          | 2      | 7                                              | -                                   | 4-6  | 9                                     | 1600                          | 1010.0                 | +8     | NW       | 4                    | c                   | 58                          | 85                                             | 9                                   | 2                        | 6                         | -                                  | 9                   | 9                        | 1400                     | 1      | *      | cPrR  | cPrR  | incld | inc  |     |      |      |
| 16        | Herwick/Sumburgh                     | 1007.5                               | +10                          | WNW   | 3                     | clodo    | 55                  | 77                 | 6                          | 5      | -                                              | -                                   | 10   | 10                                    | 300                           | 1009.2                 | +10    | NNW      | 3                    | 0                   | 56                          | 77                                             | 7                                   | 5                        | -                         | -                                  | 10                  | 10                       | 700                      | *      | *      | r     | d     | incld | inc  |     |      |      |
| 17        | Blackod Point...                     | 1017.1                               | +14                          | NW    | 5                     | c        | 60                  | 75                 | 8                          | 3      | 6                                              | -                                   | 4-6  | 9                                     | 2500                          | 1017.5                 | 0      | NW       | 6                    | c                   | 58                          | 85                                             | 8                                   | 3                        | -                         | -                                  | 9                   | 9                        | 2500                     | 0      | 5      | c     | c     | incld | inc  |     |      |      |
| 18        | Malin Head                           | 1011.0                               | +14                          | N     | 5                     | pr       | 57                  | 82                 | 7                          | 3      | -                                              | 2                                   | 4    | 6                                     | 7-8                           | 1500                   | 1013.2 | +6       | NNW                  | 3                   | c                           | 58                                             | 85                                  | 8                        | 8                         | 1                                  | 2                   | 4                        | 6                        | 7-8    | 4000   | 0     | 3     | cPrR  | cPr  |     |      |      |

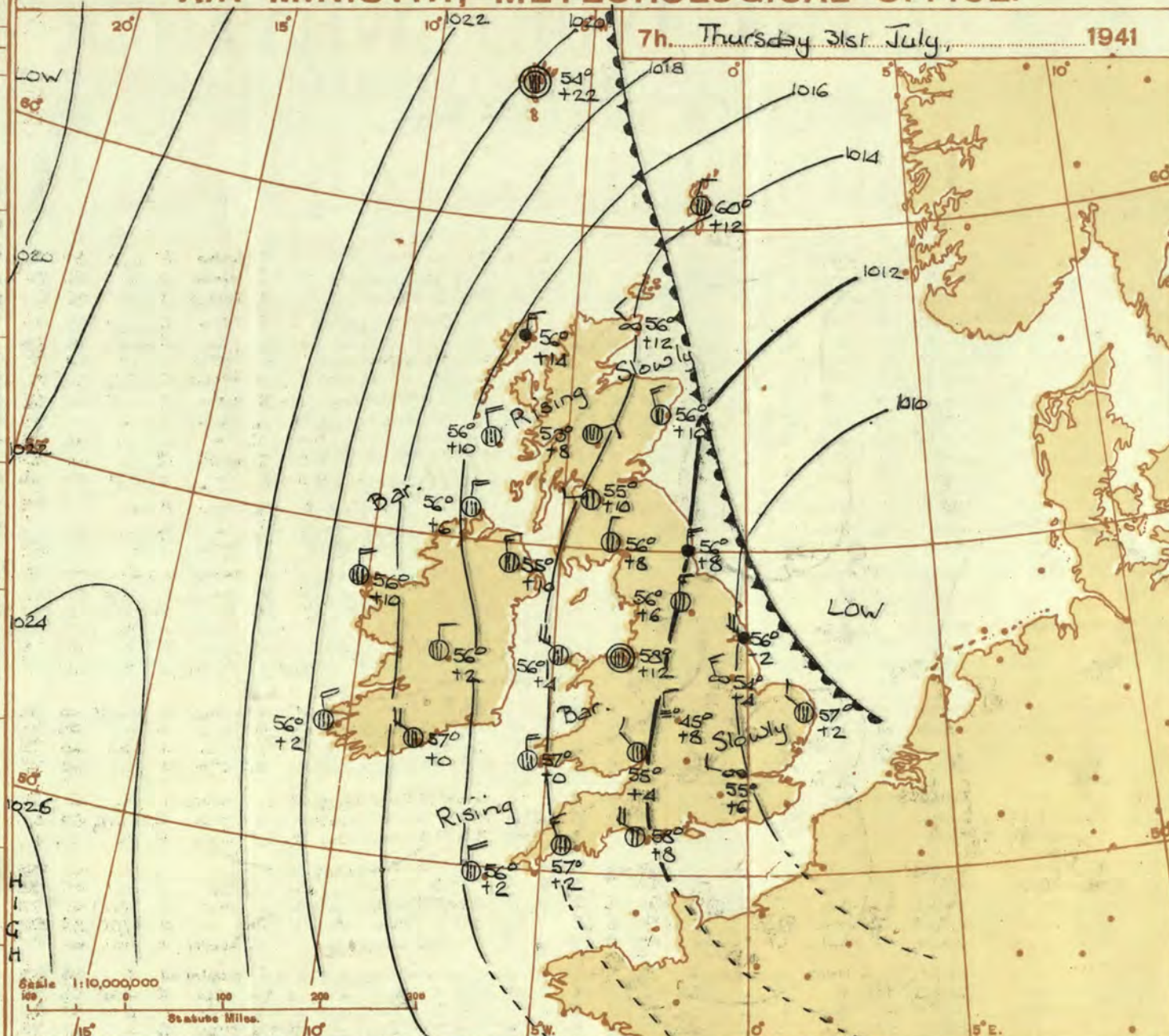


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

| 13h. G.M.T. 30th July |                |                    |       | 18h. G.M.T.    |                    |       |                | 01h. G.M.T. 31st July |       |                |                    | 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> | DDFWN       | C <sub>u</sub> | wwVhN <sub>h</sub> | DDFWN |
| 109                   | 87             | 25745              | 28268 | 8-             | 02847              | 28367 | 5-             | 03748                 | 28328 | --             | 57109              | 32249       |                |                    |       |
| 115                   | 82             | 31834              | 32287 | 82             | 81735              | 28388 | --             | 46109                 | 20389 | --             | 57109              | 04159       |                |                    |       |
| 203                   | 5-             | 04536              | 08 26 | 8-             | 81847              | 32227 | 6-             | 02838                 | 20358 |                |                    |             |                |                    |       |
| 206                   | 8-             | 25867              | 00087 | 8-             | 25965              | 32185 | 8-             | 02756                 | 28126 | 5-             | 02968              | 00028       |                |                    |       |
| 210                   | 83             | 01063              | 26225 | 84             | 02954              | 28215 | 5-             | 02855                 | 29227 | 5-             | 02967              | 26227       |                |                    |       |
| 220                   | 81             | 81836              | 28418 | 83             | 01944              | 29415 |                |                       |       | 5-             | 51 28              | 27358       |                |                    |       |
| 230                   | 27             | 01944              | 28284 | 86             | 00953              | 26313 | 50             | 00853                 | 29203 | 83             | 02963              | 29217       |                |                    |       |
| 245                   | 23             | 81555              | 3157  | 87             | 02954              | 20186 | 53             | 02865                 | 22126 | 73             | 01952              | 18115       |                |                    |       |
| 260                   | 83             | 00884              | 14126 | 83             | 01863              | 04184 | 5-             | 25664                 | 00088 | 83             | 05663              | 00044       |                |                    |       |
| 277                   |                |                    |       |                |                    |       |                |                       |       |                |                    |             |                |                    |       |
| 279                   | 33             | 02844              | 23285 | 97             | 81734              | 26285 |                |                       |       | 77             | 02754              | 32126       |                |                    |       |
| 285                   | 23             | 02854              | 26426 |                |                    |       |                |                       |       | 23             | 03745              | 30428       |                |                    |       |
| 288                   | 83             | 05655              | 10186 | 8-             | 05665              | 03225 | 50             | 17463                 | 24103 | 5-             | 21558              | 31358       |                |                    |       |
| 273                   |                |                    |       |                |                    |       |                |                       |       |                |                    |             |                |                    |       |
| 301                   | 36             | 81745              | 28487 | 2-             | 01845              | 28485 | 53             | 02743                 | 28116 | 5-             | 05654              | 04127       |                |                    |       |
| 321                   | 86             | 02754              | 24325 | 87             | 02754              | 00095 | 06             | 05590                 | 27214 | 5-             | 05647              | 30328       |                |                    |       |
| 299                   | 5-             | 02747              | 26227 | 70             | 01754              | 00014 | 50             | 01754                 | 28314 | 6-             | 62538              | 28468       |                |                    |       |
| 292                   | 2-             | 21867              | 23387 | 36             | 02854              | 00084 | 00             | 05590                 | 27110 | 5-             | 02948              | 30248       |                |                    |       |
| 310                   | --             | 81628              | 26388 |                |                    |       |                |                       |       | --             | 01635              | 32415       |                |                    |       |
| 312                   | 36             | 81056              | 26387 | 23             | 01754              | 24126 | 5-             | 08465                 | 26225 | 53             | 05566              | 28227       |                |                    |       |
| 333                   |                |                    |       |                |                    |       |                |                       |       |                |                    |             |                |                    |       |
| 334                   | --             | 54537              | 24358 |                |                    |       |                |                       |       | --             | 02437              | 26228       |                |                    |       |
| 340                   | 87             | 82 45              | 28387 | 86             | 02955              | 28385 | 5-             | 02738                 | 00018 |                |                    |             |                |                    |       |
| 136                   |                |                    |       | 96             | 13656              | 00017 | 4-             | 05663                 | 32118 | 53             | 61744              | 30427       |                |                    |       |
| 330                   | 62             | 64653              | 26468 | 62             | 63653              | 28468 |                |                       |       | 52             | 22763              | 28268       |                |                    |       |
| 350                   | 87             | 81754              | 24387 | 57             | 62655              | 24288 | 5-             | 05666                 | 28366 | 53             | 05634              | 30327       |                |                    |       |
| 308                   | 8-             | 81856              | 26488 |                |                    |       |                |                       |       | 87             | 81866              | 32127       |                |                    |       |
| 379                   | 33             | 25845              | 22388 | 37             | 81645              | 26387 | 50             | 01855                 | 26385 | 5-             | 05638              | 32328       |                |                    |       |
| 390                   | 86             | 25845              | 24387 | 5-             | 22758              | 26388 | 57             | 05564                 | 26127 | 57             | 05525              | 30228       |                |                    |       |
| 362                   | 36             | 25846              | 25388 | 37             | 62754              | 25287 | 03             | 02890                 | 26325 | 52             | 05638              | 30328       |                |                    |       |
| 438                   | 8-             | 02746              | 22516 |                |                    |       |                |                       |       | 8-             | 02747              | 32427       |                |                    |       |
| 430                   | 86             | 81754              | 24387 | 87             | 25853              | 24387 | 46             | 01762                 | 25214 | 87             | 05653              | 30228       |                |                    |       |
| 409                   | 8-             | 25847              | 25487 | 80             | 01953              | 28423 | 8-             | 82647                 | 63487 | 5-             | 81637              | 31387       |                |                    |       |

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.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 31st July, 1941.

|                                            |                                                                        |
|--------------------------------------------|------------------------------------------------------------------------|
| 1 S.E. England                             | Moderate N. to N.E. wind; mainly cloudy with rain at times; some       |
| 2 E. England ...                           | coast fog later; rather cool.                                          |
| 3 E. Midlands ...                          |                                                                        |
| 4 W. Midlands ...                          | Moderate northerly winds; local thundery showers or thunderstorms,     |
| 5 S.W. England                             | Some bright intervals; becoming generally cloudy with some slight rain |
| 6 South Wales ...                          | later; rather cool.                                                    |
| 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.            | As 4-8                                                                 |
| 13 { A.W. Scotld.<br>B.N.W. Scot-<br>land. |                                                                        |
| 14 Mid Scotland                            | Light or moderate N. to N.E. wind; dull, with occasional rain          |
| 15 N. E. Scotland                          | or drizzle and much hill and coast fog; average temperature.           |
| 16 Orkneys and Shetlands                   |                                                                        |
| 17 N. W. Ireland                           | Moderate northerly winds; local thundery showers or thunderstorms;     |
| 18 N. E. Ireland                           | Some bright intervals; rather cool                                     |
| 19 S. E. Ireland                           |                                                                        |
| 20 S. W. Ireland                           |                                                                        |

BAROMETER. Mobars 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 lies to the west of Ireland, while a trough of low pressure over the North Sea is moving westwards and will cause rain to spread across our eastern districts. Elsewhere there will be local thundery showers or thunderstorms. Temperatures will be generally below normal.

FURTHER OUTLOOK.

Some bright intervals in most districts, but still a tendency for thunder; warmer in the East.

▲▲▲ Cold Front  
▲▲▲ Warm Front  
▲▲▲ Occlusion

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

Forecasts issued at 10.30 a.m.

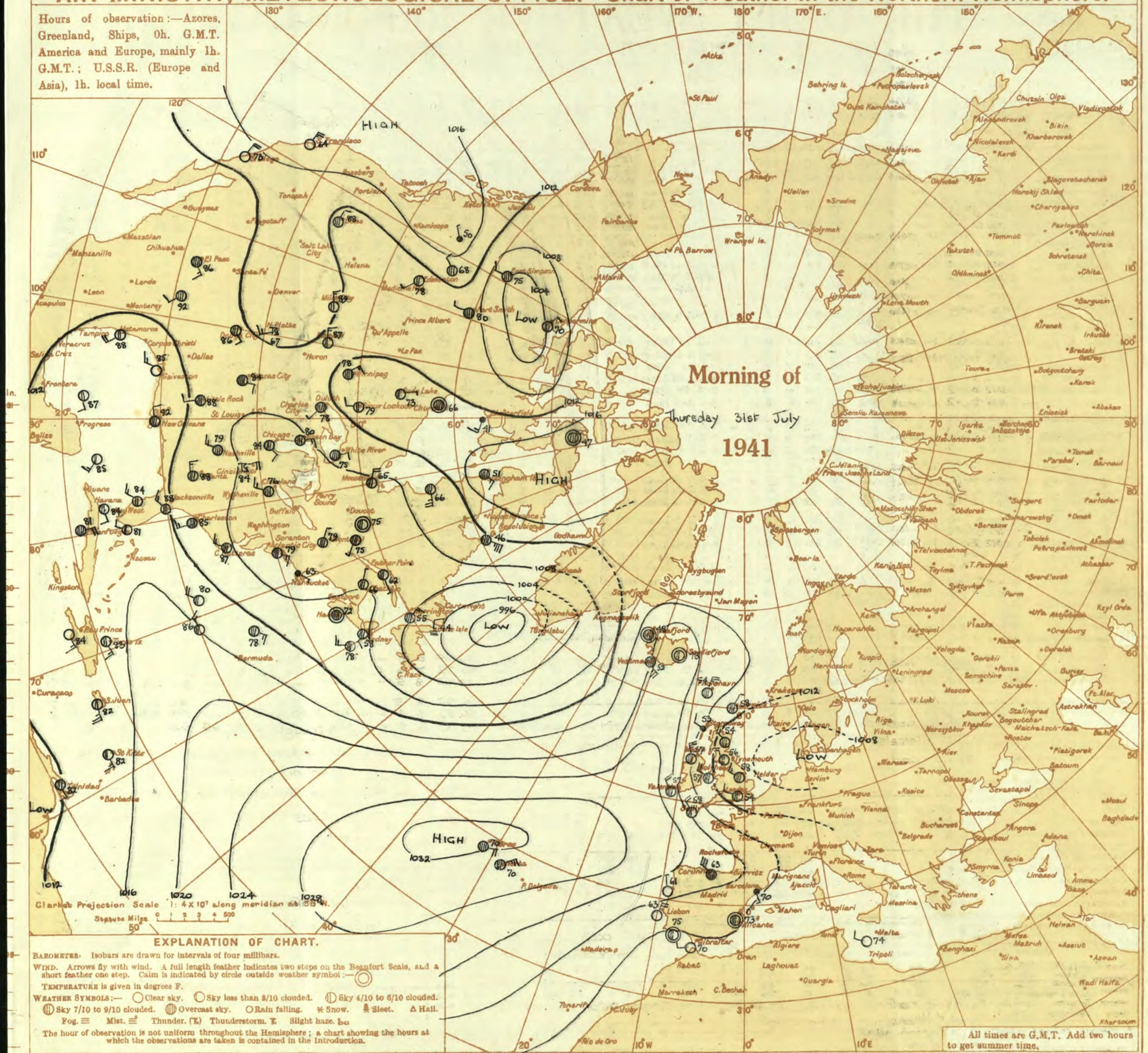
H.M.S.O. Press, Cornwall House, S.E.1.

G. 268 No. 0176. D. 6034. Gp. 340. 3300 5/41



# 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. 31st July. |                     |                              |                      |                        |       |                 |          |               |              |                 |          |           |           |               | OBSERVATIONS at 7 hr. G.M.T. 31st July. |                               |                         |                             |      |          |                |               |                  |                  |          |           |           |                       |           | 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 station 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 30th Hrs. (36) |                     |                       |  |
|                                         |                     |                              |                      |                        | Dir.  | Force. 0-12 (4) |          |               |              |                 | Low. (9) | Med. (10) | High (11) | Low 0-10 (12) | Total 0-10 (13)                         |                               |                         | Height of Base. (feet) (14) | Dir. |          |                |               |                  | Force. 0-12 (18) | Low (23) | Med. (24) | High (25) |                       |           | Low 0-10 (26)  | Total 0-10 (27) | Height of Base (feet) (28) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) |                         | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) |  |
|                                         |                     |                              |                      |                        |       |                 |          |               |              |                 |          |           |           |               |                                         |                               |                         |                             |      |          |                |               |                  |                  |          |           |           |                       |           |                |                 |                            |                          |                            |                        |                         |                     |                       |  |
| 1                                       | London (Kew)        | 18                           | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1010.5        | +8                                      | NNW                           | 2                       | z                           | 57   | 85       | 6              | 5             | -                | -                | 10       | 10        | 1500      | 1                     | *         | 64             | 53              | 49                         | 6                        | -                          | 2.9                    |                         |                     |                       |  |
|                                         | Croydon             | 217                          | 1010.1               | -6                     | WNW   | 2               | b/r      | 54            | 87           | 6               | 5        | -         | -         | 4-6           | 4-6                                     | 1500                          | 1010.3                  | +6                          | WNW  | 2        | z              | 55            | 82               | 5                | 5        | -         | -         | 800                   | 1         | *              | 67              | 52                         | 51                       | 8                          | 0.3                    | 4.1                     |                     |                       |  |
|                                         | S. Farnborough      | 226                          | 1010.7               | -4                     | WN    | 2               | b        | 53            | 82           | 8               | 5        | -         | -         | 1             | 1                                       | 5700                          | 1010.9                  | +6                          | WN   | 1        | z              | 55            | 82               | 6                | 5        | 2         | -         | 7-8                   | 10        | 800            | 1               | *                          | 67                       | 52                         | 48                     | 0.1                     | 0.2                 | 1.4                   |  |
|                                         | Boscombe Down       | 417                          | 1012.3               | 0                      | WNW   | 2               | bc       | 53            | 82           | 7               | 5        | -         | -         | 2-3           | 2-3                                     | 2000                          | 1012.0                  | +2                          | WNW  | 3        | c              | 54            | 85               | 7                | 5        | -         | -         | 1600                  | 1         | *              | 63              | 49                         | 44                       | 2                          | 0.2                    | 1.9                     |                     |                       |  |
|                                         | Thorney Island      | 10                           | 1010.8               | -6                     | WNW   | 2               | bc       | 55            | 82           | 7               | 4        | -         | -         | 2-3           | 2-3                                     | 5700                          | 1010.7                  | +2                          | WNW  | 3        | c              | 54            | 82               | 7                | 5        | 7         | -         | 4-6                   | 10        | 5100           | 1               | *                          | 67                       | 51                         | 47                     | 2                       | 0.4                 | *                     |  |
|                                         | Lymington           | 346                          | 1010.9               | -2                     | WSW   | 2               | RR       | 53            | 87           | 4               | 6        | 2         | -         | 4-6           | 10                                      | 400                           | 1010.5                  | +10                         | WNW  | 1        | z              | 54            | 87               | 6                | 5        | -         | -         | 10                    | 10        | 300            | 1               | *                          | 68                       | 53                         | 53                     | 3                       | 24                  | 4.5                   |  |
|                                         | Manston             | 154                          | 1008.6               | -10                    | NNW   | 3               | z        | 58            | 82           | 6               | 5        | -         | -         | 10            | 10                                      | 1000                          | 1008.3                  | +10                         | N    | 2        | z              | 56            | 82               | 6                | 5        | 2         | -         | 7-8                   | 10        | 1200           | 1               | *                          | 68                       | 54                         | 53                     | 1                       | 11                  | 5.0                   |  |
| 2                                       | Shoeburyness        | 11                           | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1010.2        | +2                                      | NW                            | 3                       | c                           | 57   | 82       | 6              | 8             | 3                | -                | -        | 7-8       | 7-8       | 4000                  | 1         | *              | 70              | 54                         | 52                       | 3                          | 1                      | 5.4                     |                     |                       |  |
|                                         | Felixstowe          | 15                           | 1008.5               | -6                     | NNW   | 2               | c/r      | 57            | 82           | 6               | 8        | -         | -         | 10            | 10                                      | 2000                          | 1008.3                  | +6                          | N    | 2        | z              | 56            | 87               | 6                | 8        | 2         | -         | 10                    | 2000      | 1              | 1               | 71                         | 55                       | 54                         | -                      | 1                       | 7.4                 |                       |  |
|                                         | Gorleston           | 5                            | 1009.4               | 0                      | NW    | 1               | bc       | 57            | 85           | 6               | 8        | -         | -         | 4-6           | 4-6                                     | 1500                          | 1009.4                  | +2                          | NW   | 2        | c              | 57            | 82               | 6                | 8        | -         | -         | 2000                  | 1         | 2              | 67              | 56                         | 53                       | Tr                         | 2                      | *                       |                     |                       |  |
|                                         | Mildenhall          | 19                           | 1009.1               | -2                     | NW    | 2               | z        | 55            | 87           | 6               | 5        | -         | -         | 2-3           | 2-3                                     | 2500                          | 1009.3                  | +6                          | NNW  | 2        | z              | 55            | 87               | 6                | 8        | 7         | -         | 7-8                   | 2000      | 1              | *               | 68                         | 52                       | 46                         | Tr                     | Tr                      | 5.4                 |                       |  |
|                                         | Cranwell            | 240                          | 1010.1               | +4                     | NW    | 1               | z        | 55            | 87           | 6               | 7        | -         | -         | 0             | 4-6                                     | -                             | 1010.8                  | +4                          | NNW  | 3        | z              | 54            | 82               | 6                | 5        | -         | -         | 10                    | 2000      | 1              | *               | 64                         | 53                       | 52                         | 5                      | 4                       | 5.2                 |                       |  |
| 3                                       | Birmingham          | 535                          | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1011.8        | +8                                      | N                             | 2                       | m                           | (55) | 85       | 4              | 5             | 3                | -                | -        | 7         | 2000      | 1                     | *         | 62             | 53              | 51                         | 10                       | -                          | 2.1                    |                         |                     |                       |  |
|                                         | Upper Heyford       | 408                          | 1010.5               | -4                     | WNW   | 3               | bc       | 54            | 82           | 7               | 5        | -         | -         | 2-3           | 2-3                                     | 5700                          | 1011.0                  | +4                          | NNW  | 3        | z              | 56            | 82               | 6                | 5        | -         | -         | 7-8                   | 10        | 600            | 1               | *                          | 64                       | 53                         | 53                     | 13                      | Tr                  | *                     |  |
| 4                                       | Ross-on-Wye         | 223                          | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1012.0        | +4                                      | WN                            | 2                       | c                           | 55   | 82       | 8              | 5             | -                | -                | 10       | 10        | 2500      | 0                     | *         | 63             | 50              | 44                         | 1                        | -                          | 1.5                    |                         |                     |                       |  |
| 5                                       | Hartland Point      | 299                          | 1013.8               | +2                     | NNW   | 5               | c/r      | 58            | 85           | 8               | 8        | 2         | -         | 7-8           | 10                                      | 2500                          | 1013.3                  | +2                          | NNW  | 4        | c              | 57            | 85               | 8                | 2        | 4         | -         | 4-6                   | 1500      | 0              | 4               | 60                         | 56                       | 55                         | 2                      | Tr                      | 5.4                 |                       |  |
|                                         | Bristol             | 209                          | 1012.3               | -2                     | WNW   | 2               | bc       | 55            | 82           | 7               | 5        | -         | -         | 4-6           | 4-6                                     | 5500                          | 1012.7                  | +8                          | NW   | 4        | c              | 55            | 82               | 7                | 8        | 7         | -         | 7-8                   | 10        | 2800           | 1               | *                          | 63                       | 50                         | 41                     | 1                       | -                   | 0.7                   |  |
|                                         | Portland Bill       | 32                           | 1012.1               | -4                     | W     | 4               | c        | 58            | 85           | 7               | 5        | -         | -         | 10            | 10                                      | 2500                          | 1011.8                  | +8                          | NW   | 4        | bc             | 58            | 85               | 8                | 2        | -         | -         | 4-6                   | 4000      | 0              | 3               | 62                         | 54                       | *                          | 0.6                    | -                       | *                   |                       |  |
|                                         | Plymouth            | 82                           | 1014.5               | 0                      | WNW   | 2               | bc/r     | 56            | 82           | 8               | 8        | -         | -         | 4-6           | 4-6                                     | 3000                          | 1013.9                  | +2                          | NNW  | 3        | c              | 57            | 85               | 8                | 8        | 7         | -         | 4-6                   | 7-8       | 3000           | 1               | 3                          | 64                       | 55                         | 51                     | 1                       | 0.3                 | 4.9                   |  |
|                                         | The Lizard          | 240                          | 1015.5               | -2                     | NNW   | 4               | c/r      | 57            | 85           | 8               | 8        | 2         | -         | 7-8           | 20                                      | 2500                          | 1014.8                  | +2                          | NNW  | 3        | c              | 56            | 82               | 8                | 8        | 6         | -         | 7-8                   | 7-8       | 2500           | 0               | 3                          | 64                       | 54                         | *                      | 1                       | Tr                  | 10.3                  |  |
|                                         | Scilly (St. Mary's) | 163                          | 1016.9               | -2                     | NNW   | 4               | bc       | 58            | 85           | 8               | 8        | -         | -         | 4-6           | 4-6                                     | 1500                          | 1015.8                  | +2                          | NW   | 4        | c/r            | 56            | 82               | 8                | 8        | 6         | 3         | 7-8                   | 7-8       | 1200           | 1               | 4                          | 66                       | 55                         | *                      | 0.2                     | 3                   | 7.2                   |  |
|                                         | Guernsey            | 175                          | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1015.3        | 0                                       | N                             | 4                       | c                           | 57   | 87       | 8              | 8             | -                | -                | 7-8      | 7-8       | 3500      | 1                     | 3         | 61             | 54              | *                          | Tr                       | Tr                         | 5.4                    |                         |                     |                       |  |
| 6                                       | Pembroke            | 142                          | 1014.4               | +4                     | NW    | 4               | c/r      | 57            | 82           | 8               | 8        | 2         | -         | 4-6           | 7-8                                     | 5000                          | 1015.3                  | 0                           | N    | 4        | c              | 57            | 87               | 8                | 8        | -         | -         | 7-8                   | 7-8       | 3500           | 1               | 3                          | 61                       | 54                         | *                      | Tr                      | Tr                  | 5.4                   |  |
| 7                                       | Holyhead (Valley)   | 26                           | 1012.8               | +2                     | NW    | 4               | c        | 57            | 82           | 8               | 5        | -         | -         | 7-8           | 7-8                                     | 2000                          | 1013.0                  | +4                          | NW   | 5        | c              | 56            | 82               | 7                | 5        | -         | -         | 10                    | 10        | 800            | 0               | 2                          | 65                       | 53                         | 48                     | 0.6                     | -                   | *                     |  |
|                                         | Chester (Sealand)   | 16                           | 1011.1               | -2                     | WNW   | 3               | c/r      | 58            | 82           | 6               | 8        | 6         | -         | 4-6           | 7-8                                     | 1000                          | 1012.4                  | +12                         | -    | 0        | c/r            | 58            | 82               | 5                | 3        | 3         | 1         | 20                    | 1000      | 1              | *               | 62                         | 55                       | 51                         | 0.5                    | 2                       | 6.2                 |                       |  |
| 8                                       | Manchester          | 70                           | 1011.2               | +2                     | NE    | 2               | z        | 55            | 87           | 6               | 5        | -         | -         | 10            | 10                                      | 2500                          | 1012.3                  | +10                         | NNW  | 2        | z              | 56            | 82               | 5                | 5        | 7         | -         | 7                     | 10        | 3000           | 1               | *                          | 63                       | 51                         | 47                     | 3                       | 0.3                 | 2.7                   |  |
| 10                                      | Spurn Head          | 29                           | 1009.9               | 0                      | NW    | 3               | c        | 58            | 85           | 7               | 6        | -         | -         | 4-6           | 7-8                                     | 4000                          | 1008.8                  | -2                          | NW   | 5        | z              | 56            | 82               | 5                | 5        | -         | -         | 10                    | 10        | 2500           | 1               | 2                          | 65                       | 56                         | *                      | Tr                      | Tr                  | 5.8                   |  |
|                                         | Catterick           | 175                          | 1011.5               | +6                     | -     | 0               | z        | 51            | 87           | 5               | 5        | -         | -         | 2-3           | 2-3                                     | 4000                          | 1012.0                  | +6                          | N    | 3        | z              | 56            | 85               | 7                | 5        | -         | -         | 10                    | 10        | 700            | 0               | *                          | 68                       | 50                         | 45                     | 4                       | Tr                  | 2.6                   |  |
|                                         | Tynemouth           | 108                          | 1011.6               | -2                     | N     | 3               | bc       | 56            | 85           | 6               | 2        | -         | -         | 4-6           | 4-6                                     | 2500                          | 1012.7                  | +8                          | N    | 5        | z              | 56            | 85               | 7                | 5        | -         | -         | 20                    | 20        | 1700           | 1               | 2                          | 63                       | 55                         | 52                     | 2                       | -                   | *                     |  |
| 11                                      | St. Abbs Head       | 280                          | 1011.5               | +6                     | NW    | 2               | bc       | 56            | 85           | 8               | 2        | 4         | -         | 2-3           | 2-3                                     | 2500                          | 1012.6                  | +6                          | N    | 3        | c              | 55            | 82               | 8                | 5        | 3         | -         | 2-3                   | 10        | 2500           | 0               | 1                          | 60                       | 52                         | *                      | -                       | -                   | *                     |  |
|                                         | Leuchars            | 36                           | 1011.8               | +6                     | -     | 0               | z        | 53            | 87           | 5               | 5        | -         | -         | 2-3           | 2-3                                     | 3200                          | 1013.0                  | +12                         | W    | 1        | bc             | 53            | 87               | 8                | 5        | 3         | -         | 2-3                   | 4-6       | 3500           | 1               | *                          | 65                       | 49                         | 46                     | *                       | 2                   | 1.6                   |  |
| 12                                      | Renfrew (Abbots L.) | 19                           | 1012.2               | +8                     | WS    | 1               | z        | 57            | 85           | 6               | 5        | -         | -         | 4-6           | 4-6                                     | 2000                          | 1013.8                  | +10                         | WS   | 1        | bc             | 55            | 85               | 8                | 5        | 3         | 8         | 0                     | 2-3       | -              | 0               | *                          | 68                       | 52                         | 50                     | Tr                      | Tr                  | 7.9                   |  |
|                                         | Eskdalemuir         | 794                          | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1013.1        | +8                                      | NE                            | 1                       | bc                          | 56   | 85       | 7              | 5             | 4                | 2                | Tr       | 2-3       | 2500      | 1                     | *         | 65             | 49              | 46                         | 3                        | 3                          | 3.2                    |                         |                     |                       |  |
|                                         | Point of Ayre       | 30                           | 1012.1               | +4                     | NNW   | 4               | bc       | 57            | 87           | 8               | 5        | -         | -         | 2-3           | 2-3                                     | 2000                          | 1013.3                  | +10                         | NE   | 3        | bc             | 57            | 82               | 7                | 4        | -         | 4         | 1                     | 2-3       | 3000           | 0               | 3                          | 63                       | 55                         | *                      | 2                       | -                   | 8.0                   |  |
| 13A                                     | Tiree               | 22                           | 1014.8               | +6                     | NNW   | 4               | c        | 56            | 85           | 8               | 8        | -         | -         | 20            | 20                                      | 2100                          | 1015.5                  | +10                         | NW   | 4        | c              | 56            | 85               | 8                | 8        | -         | -         | 20                    | 20        | 1800           | 0               | 4                          | 62                       | 54                         | *                      | -                       | -                   | 5.0                   |  |
| 13B                                     | Stornoway           | 80                           | 1014.2               | +6                     | NW    | 2               | d.o.     | 53            | 87           | 5               | 5        | 2         | -         | 7             | 10                                      | 600                           | 1015.8                  | +14                         | N    | 3        | id.            | 56            | 87               | 5                | 5        | -         | -         | 10                    | 10        | 600            | 1               | 2                          | 60                       | 53                         | *                      | 1                       | 0.2                 | 0.0                   |  |
| 15                                      | Dalwhinnie          | 1176                         | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1015.8        | +8                                      | NE                            | 2                       | 0                           | 53   | 85       | 8              | 5             | -                | -                | 10       | 10        | 1500      | 1                     | *         | 62             | 49              | 44                         | Tr                       | 0.1                        | 0.7                    |                         |                     |                       |  |
|                                         | Aberdeen            | 79                           | *                    | *                      | *     | *               | *        | *             | *            | *               | *        | *         | *         | 1013.3        | +10                                     | NNW                           | 3                       | c                           | 56   | 85       | 8              | 5             | 3                | -                | -        | 20        | 20        | 2100                  | 1         | 2              | 64              | 53                         | 50                       | -                          | -                      | 2.1                     |                     |                       |  |
|                                         | Wick                | 110                          | 1012.7               | +8                     | NNW   | 3               | c        | 53            | 87           | 8               | 5        | -         | -         | 7             | 10                                      | 1400                          | 1014.4                  | +12                         | NW   | 2        | z              | 56            | 87               | 6                | 5        | -         | -         | 10                    | 10        | 300            | 1               | *                          | 62                       | 53                         | 51                     | *                       | *                   | *                     |  |
| 16                                      | Leuchars            | 130                          | 1011.7               | +10                    | NNE   | 2               | z        | 57            | 87           | 2               | -        | -         | -         | 10            | 10                                      | 1150                          | 1013.9                  | +12                         | NNE  | 2        | c              | 60            | 87               | 3                | -        | 3         | -         | 0                     | 7-8       | -              | *               |                            |                          |                            |                        |                         |                     |                       |  |