

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1938.



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



# INTRODUCTION

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

## NOTES REGARDING THE BRITISH SECTION.

Description of each issue:—The British section is issued daily by 12.30 p.m. (except that Sunday's issue is printed on Monday) and contains—

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

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

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

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

(e) On p. 2, a table of weather reports from British health resorts for the previous day, arranged under forecast districts.

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

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

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

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

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

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

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

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.)	7h. local time.
30° E. to 40° W....	6h. or 7h. G.M.T. (Azores 8h.)
40° W. to 170° W	0h. or 1h. G.M.T.

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

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.)	1h. local time.
30° E. to 170° W.	0h. or 1h. G.M.T.

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

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

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

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

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

## THE INTERNATIONAL AND UPPER AIR SECTIONS.

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

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

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

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

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

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

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

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

## GALE WARNINGS.

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

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

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

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

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

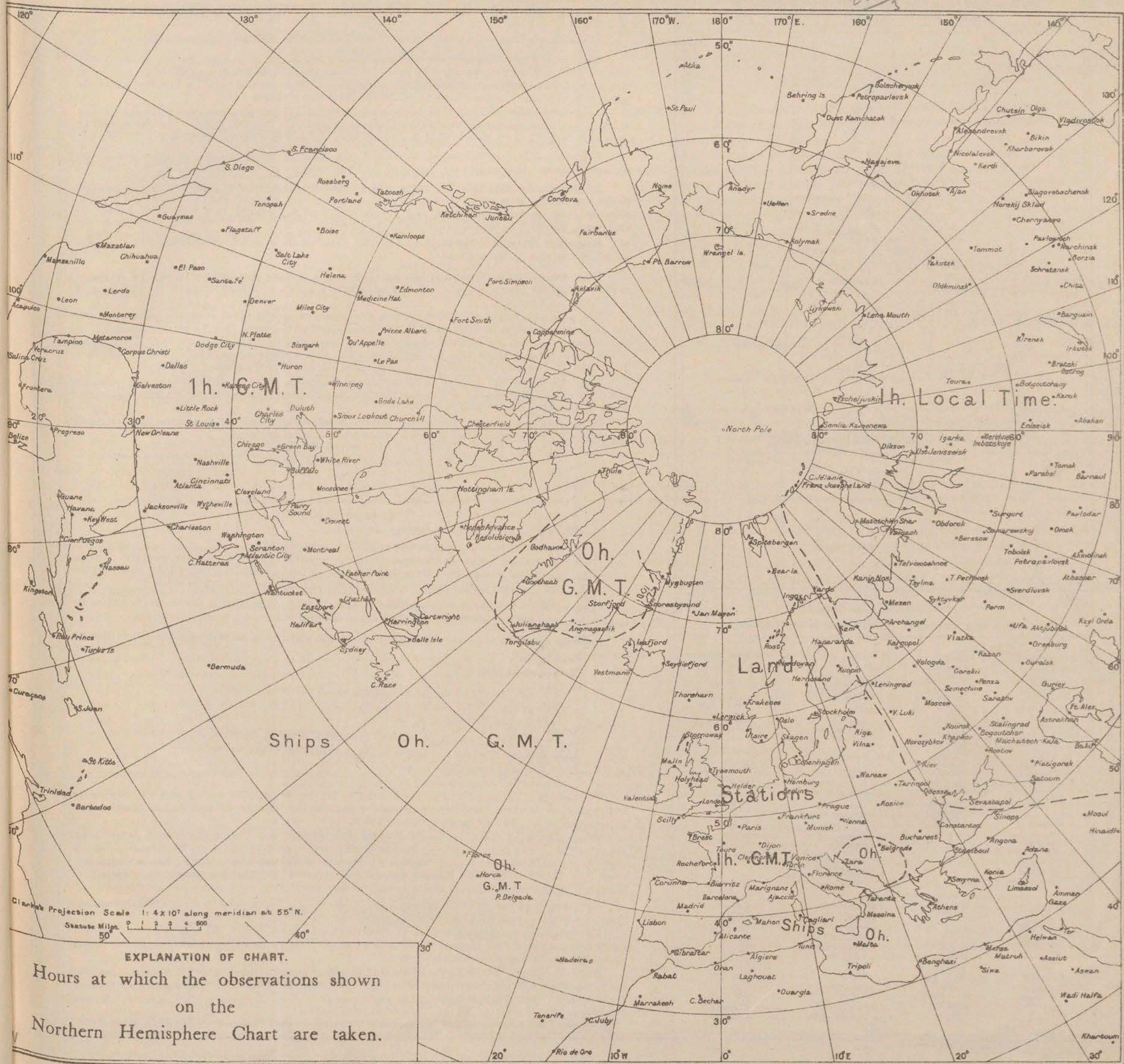
The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 against the forecast districts to which they apply:—

▲ North Cone hoisted:

▼ South Cone hoisted:

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



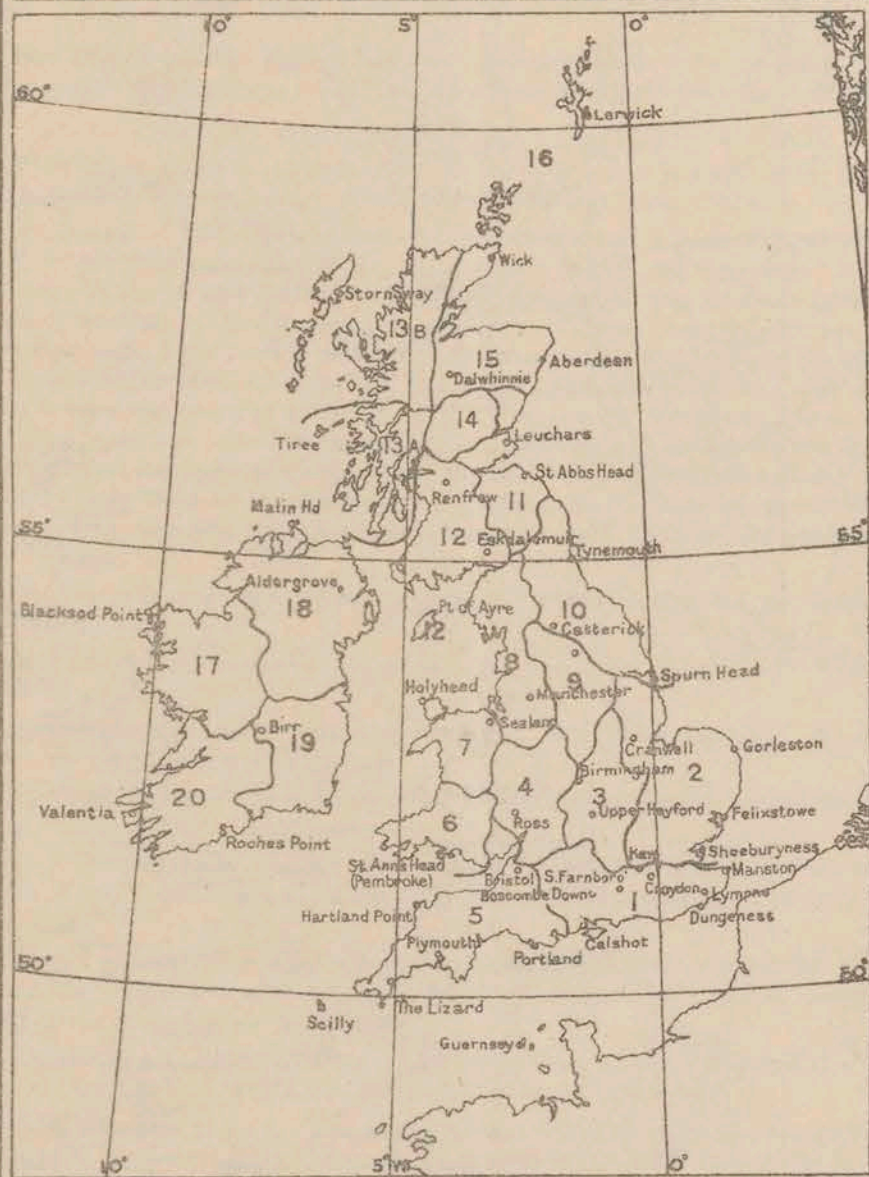


EXPLANATION OF CHART.

Hours at which the observations shown  
on the  
Northern Hemisphere Chart are taken.



# FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



## FORECAST DISTRICTS and the Counties comprised within them.

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

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

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

**Stations.**—*Kew.*—Temperature readings at Kew are taken in a large 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 raingauges are maintained, refer to two periods, day and night. The day period at Kew and Croydon is 7h. to 18h. G.M.T.; at all other stations it is 9h. to 18h. G.M.T.

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

*Holyhead.*—As from 10th February, 1934, as the result of a series of comparisons with another gauge surrounded by a turf wall, the raingauge at this very exposed station was moved a short distance from its former position, and surrounded with a standard turf wall, with a view to increasing the catch to that appropriate to the locality.

**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.

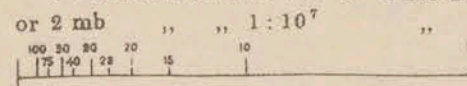
The wind at a height of 1,500-2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper 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.



This scale applies under the following conditions:—

Pressure, 1.015 mb. Temperature, 50° F. Latitude, 55°.

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

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

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

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

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

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

where  $x$  is the vapour pressure in mb.

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

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

$t$  the dry bulb temperature; and

$t'$  the wet bulb temperature.

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

**Wind.**—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Until and including 29th March, 1936, the number of feathers on the arrows denotes wind force by Beaufort number. From 30th March, 1936, 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, Adastral House, Kingsway, W.C.2, price 5s. 2d. post free. (Reprinted 1933).

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



Unsettled; unseasonably cool and thundery first half, warmer second half, heavy rains locally.

The outstanding features of the weather for the month were the large number of days of rain in the west and north, and the poor sunshine records in the first half of the month when temperatures with a few exceptions were below normal.

The unsettled conditions were due to the passage of low pressure systems across or in close proximity to the British Isles. Depressions were particularly vigorous on 8th and from 27th to 30th giving gales chiefly in southern and western coastal districts. A squall of 76 m.p.h. was recorded at Calshot during a thunderstorm on 7th.

After unseasonably cool conditions in the first half of the month temperatures increased generally to about or above average in the second half, although for the month as a whole temperatures were about 2 °F. below normal.

A maximum of 85 °F. recorded on 31st at Tunbridge Wells and Southend was the highest temperature of the year to date.

Locally in the south, July was the 8th successive dry month. In most other districts rainfall was above average and Eskdalemuir established a new high record of 225 mm for the month. Heavy falls occurred at the beginning and towards the end of the month in the west and north, extensive flooding and damage being

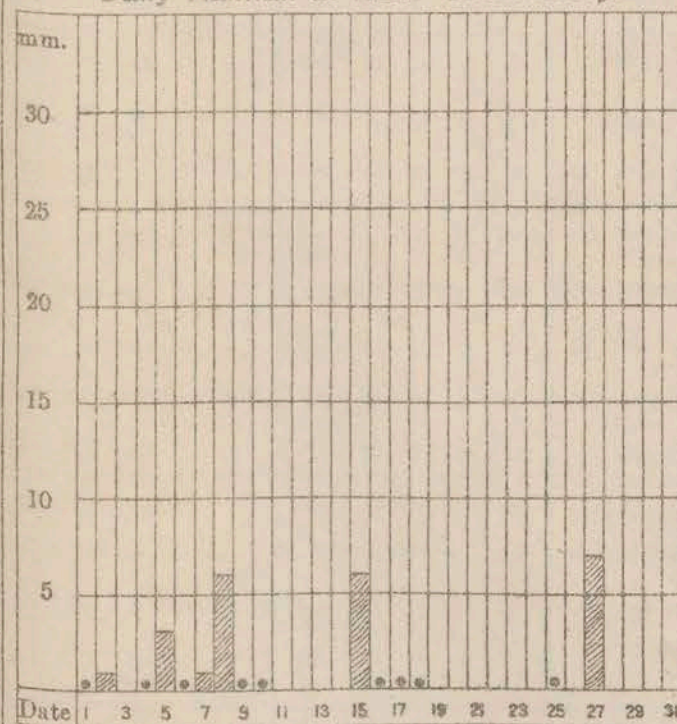
experienced in the Lake district on the 30th. A notable fall of 112 mm (4.40 ins) was reported from Ambleside from 6 p.m. on 29th to 6 p.m. on 30th.

With few exceptions sunshine was below average particularly during the first half of the month. Some improvement took place in the second half although figures were not consistent for many successive days in any one district. Dublin had 71 hours below normal, Falmouth 75 hours and Calshot 68 hours. The highest daily amount recorded was 14.8 hours on 16th at Guernsey and Penzance.

Thunderstorms with heavy falls of rain and hail were reported from some part of the country every day from 1st to 8th inclusive, and local thunderstorms were experienced on 16th and again from 23rd to 26th inclusive.

Sea and coastal fog was prevalent throughout the month, chiefly in southwestern districts.

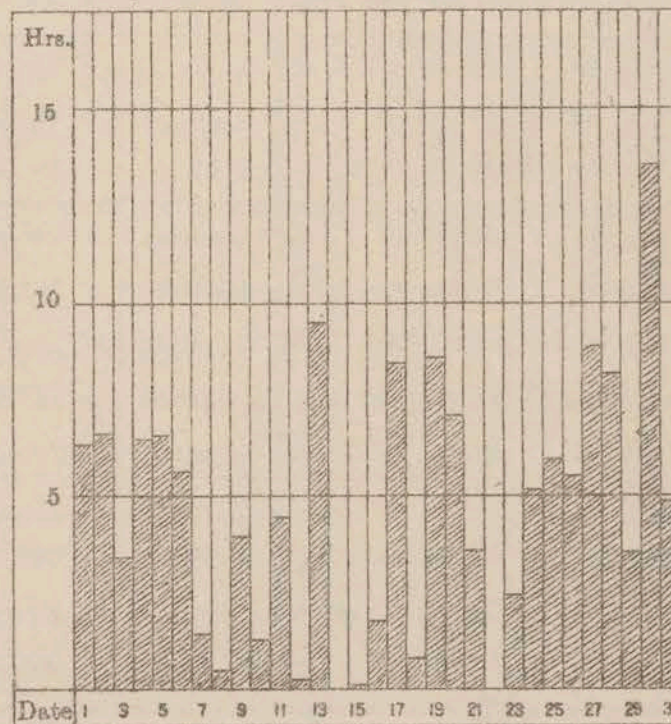
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

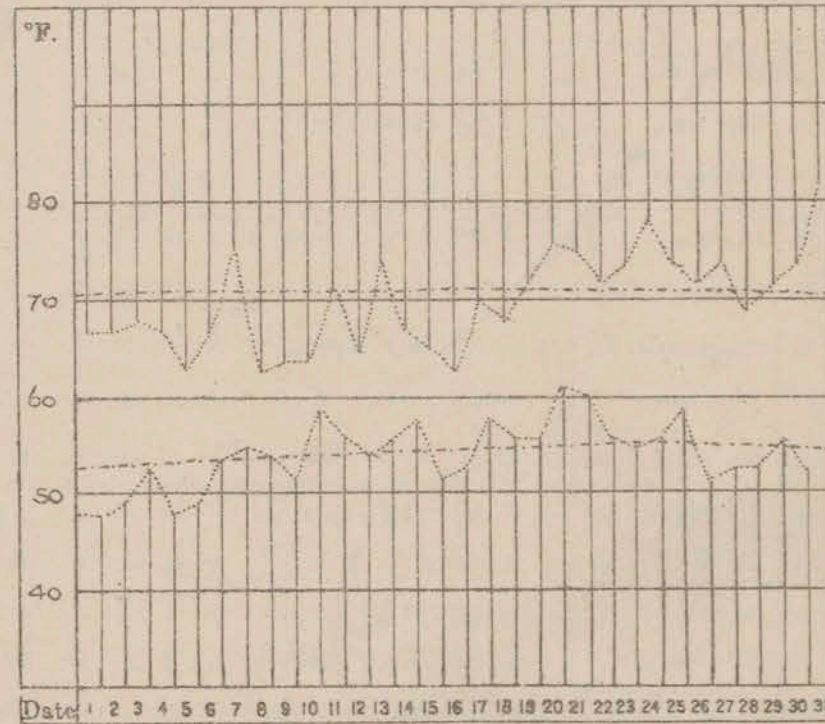
RAINFALL. Total for Month. 26 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 147 hrs.

Daily Range of Temperature at KEW Observatory.



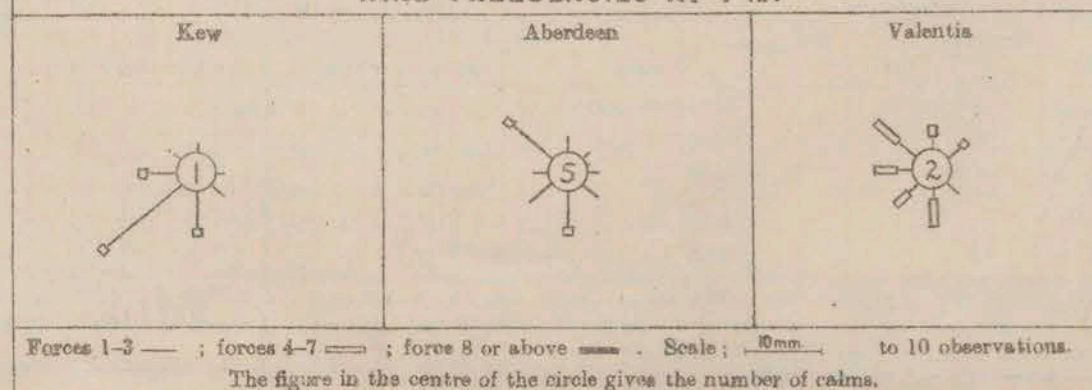
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1014.7	mb. -1.1	°F. 62.3	°F. -2.2
Aberdeen	1009.7	-3.3	56.2	-1.7
Valentia	1014.3	-1.8	57.0	-2.2

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

WIND FREQUENCIES AT 7 hr.



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

	miles.
Kew	6,304
Aberdeen	4,427
Lerwick	8,288
Valentia	9,264



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

DISTRICT.	STATIONS.	TEMPERATURE.										LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.					
		Number of daily readings within fixed limits.					Extremes—Warmest and Coldest.					Number of observations within fixed limits.						Number of observations within fixed limits.					
		Maximum.		Average Maximum.	Minimum.		Average Minimum.	Days.		Nights.		Number of Ground Frosts.	7 h.		13 h.		18 h.		7 h.		13 h.		
		51°-59°	60°-68°		33°-41°	42°-50°		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.
		51°-59°	60°-68°		33°-41°	42°-50°		Highest Max.	Lowest Max.	Highest Min.	Lowest Min.		Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympne	0 14 15 2	72.8	0 5 23 3	56.2	82 31 63 10	63 31 49 6	0	0 26 0	0 31 0	0 31 0	0	0 26 0	0 31 0	0 31 0	0	0 26 0	0 31 0	0 0 0 1 21	0 0 0 0 27			
		1 13 16 1	71.9	0 5 25 1	54.6	82 31 59 8	61 31 46 2	0	6 18 6	0 30 1	0 22 7	0	6 18 6	0 30 1	0 22 7	0	6 18 6	0 30 1	0 0 1 1 23	0 0 0 0 26			
		0 23 7 1	69.8	0 6 23 2	56.0	78 31 61 10	61 31 47 17	0	6 21 0	4 24 1	1 26 1	0	6 21 0	4 24 1	1 26 1	0	6 21 0	4 24 1	0 0 0 0 21	0 0 0 0 27			
		1 24 6 0	68.8	0 9 22 0	53.8	73 31 59 5	58 26 45 5	0	7 18 4	1 27 2	3 17 4	0	7 18 4	1 27 2	3 17 4	0	7 18 4	1 27 2	0 0 0 3 21	0 0 0 0 24			
2	Shoeburyness Gorleston Cranwell	0 13 16 2	71.8	0 6 23 2	54.4	79 31 61 22	61 26 44 2	0	1 21 3	1 25 3	1 17 8	0	1 21 3	1 25 3	1 17 8	0	1 21 3	1 25 3	0 0 0 1 21	0 0 0 0 27			
		1 22 8 0	67.9	0 4 26 1	55.4	75 31 59 5	60 26 47 5	0	0 21 0	0 29 0	0 29 0	0	0 21 0	0 29 0	0 29 0	0	0 21 0	0 29 0	0 0 0 1 7	0 0 0 0 8			
		2 14 15 0	71.0	0 14 15 2	52.6	77 31 57 15	64 31 44 5	0	6 18 2	3 27 1	2 28 0	0	6 18 2	3 27 1	2 28 0	0	6 18 2	3 27 1	0 0 1 2 17	0 0 0 0 27			
3	Birmingham (Edgbaston)	4 16 11 0	69.3	0 11 19 1	54.1	74 23 56 8	62 31 45 13	0	7 16 2	1 30 0	3 25 0	0	7 16 2	1 30 0	3 25 0	0	7 16 2	1 30 0	0 0 1 1 18	0 0 0 0 26			
4	Ross-on-Wye	0 21 10 0	70.6	1 9 19 2	53.7	76 22 62 8	62 31 41 2	0	3 27 0	0 31 0	1 30 0	0	3 27 0	0 31 0	1 30 0	0	3 27 0	0 31 0	0 0 1 1 24	0 0 0 0 29			
5	The Lizard	5 24 2 0	*	0 5 26 0	*	69 23 54 8	58 31 47 2	*	6 25 0	6 24 0	6 25 0	*	6 25 0	6 24 0	6 25 0	*	6 25 0	6 24 0	0 2 4 0 21	0 3 2 1 20			
7	Holyhead	9 22 0 0	62.9	0 1 30 0	55.1	66 21 57 1	58 30 47 2	0	11 20 0	5 24 2	6 24 1	0	11 20 0	5 24 2	6 24 1	0	11 20 0	5 24 2	0 0 0 0 24	0 0 0 1 29			
8	Chester (Sealand)	2 17 12 0	68.8	1 12 16 2	53.2	73 31 59 16	63 30 41 2	0	2 24 3	1 30 0	0 29 1	0	2 24 3	1 30 0	0 29 1	0	2 24 3	1 30 0	0 0 0 2 21	0 0 0 0 26			
10	Tynemouth	6 23 2 0	64.7	0 8 21 2	53.9	69 26 54 16	61 31 47 15	0	2 27 0	1 30 0	1 30 0	0	2 27 0	1 30 0	1 30 0	0	2 27 0	1 30 0	0 0 0 2 4	0 0 0 0 15			
11	Leuchars	2 26 3 0	65.8	1 16 14 0	50.9	71 19 57 7	58 31 41 7	0	2 24 2	3 28 0	2 28 0	0	2 24 2	3 28 0	2 28 0	0	2 24 2	3 28 0	0 0 0 0 26	0 0 0 0 29			
12	Renfrew	2 26 3 0	66.0	2 13 15 1	51.5	69 23 59 17	60 30 40 1	0	4 25 1	1 26 4	3 25 3	0	4 25 1	1 26 4	3 25 3	0	4 25 1	1 26 4	0 0 0 0 23	0 0 0 0 27			
	Eskdalemuir	9 22 0 0	64.0	8 14 9 0	48.8	68 23 53 7	57 26 35 5	1	16 14 0	4 27 0	6 25 0	1	16 14 0	4 27 0	6 25 0	1	16 14 0	4 27 0	0 0 0 3 21	0 0 0 1 25			
13B	Stornoway	14 17 0 0	60.9	0 16 15 0	50.5	64 25 54 8	55 22 45 5	*	0 31 0	0 31 0	0 31 0	*	0 31 0	0 31 0	0 31 0	*	0 31 0	0 31 0	0 0 0 0 27	0 0 0 0 28			
15	Aberdeen	9 20 2 0	64.1	0 15 15 1	51.7	71 31 56 9	60 31 43 7	0	5 24 2	2 29 0	2 26 1	0	5 24 2	2 29 0	2 26 1	0	5 24 2	2 29 0	0 0 1 0 17	0 0 0 0 22			
18	Aldergrove	4 24 3 0	*	1 15 14 1	*	70 19 54 2	60 30 41 5	0	12 17 1	2 29 0	5 26 0	0	12 17 1	2 29 0	5 26 0	0	12 17 1	2 29 0	0 0 0 1 27	0 0 0 1 29			
19	Dublin (Phoenix Park) Birr Castle	4 22 5 0	67.1	0 16 14 1	50.6	73 19 54 7	61 30 44 1	0	* * *	* * *	* * *	0	* * *	* * *	* * *	0	* * *	* * *	* * * * *	* * * * *			
		5 23 3 0	67.0	0 16 14 1	52.5	72 19 54 7	60 30 43 16	0	2 28 0	4 27 0	9 21 0	0	2 28 0	4 27 0	9 21 0	0	2 28 0	4 27 0	0 0 0 0 31	0 0 0 0 31			
20	Valentia (Cahiriveen)	7 24 0 0	63.7	0 3 27 1	54.7	65 21 58 4	60 30 49 6	0	10 21 0	6 25 0	8 23 0	0	10 21 0	6 25 0	8 23 0	0	10 21 0	6 25 0	0 0 0 0 24	0 0 0 0 27			

## UPPER AIR TEMPERATURE.

## UPPER WINDS.

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

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	MILDENHALL.		ALDERGROVE.		STATION.		LYMPNE.						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION.	
			Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Height. Metres.	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	Height. Metres.
950	1,830	51.5	55.6	46	50.6	42			500 above ground.	123	51	56	9	2	0	53	31	17	3	0	0	70	45	20	4	0	0	78	31	40	6	0	0	500 above ground.
850	4,840	47.3	45.3	46	42.3	42			1000 above M.S.L.	97	34	46	11	0	0	31	11	16	2	1	0	59	32	23	3	0	0	68	26	33	6	2	0	1000 above M.S.L.
750	8,180	38.5	36.5	46	33.8	42			2000 "	35	17	16	2	0	0	17	10	6	1	0	0	26	7	16	3	0	0	29	19	7	2	1	0	2000 "
650	11,220	27.5	25.9	46	24.2	42			3000 "	21	1	18	1	0	0	12	5	5	2	0	0	15	5	9	1	0	0	11	8	3	0	0	0	3000 "
550	16,170	13.1	10.5	46	11.5	42			4000 "	10	0	9	1	0	0	6	4	2	0	0	0	6	2	4	0	0	0	10	7	2	1	0	0	4000 "

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

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

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

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



# SUNSHINE, RAINFALL, AND HUMIDITY JULY 1938.

Page 3.

DISTRICT.	STATIONS.	SUNSHINE.												RAINFALL.												Days with Thunder.	Days with Snow or Sleet.										
		Number of Days with Duration.				Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.			Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month.†	Difference from Average.	Highest and Lowest Totals on record for Month.																
		Nil.	0.1—3h.	3.1—6h.	6.1—9h.	Above 9h.	Hours.					Date.	First year of record.	Highest. Year.							Lowest. Year.	0, trace or 0.1 mm.	0.2—1 mm.	1.1—5 mm.	5.1—15 mm.			15.1—25 mm.	Above 25 mm.	mm.	Date.	mm. mm.	mm. mm.	mm. mm.	First year of record.	Highest. Year.	Lowest. Year.
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympne	2 8 10 9 2	13.6 30	1469 0	147✓ -47	1880	334	11	104	88	22 4 2 3 0 0	7 27	452 -154	26✓ -29	1856	124	80	4	21	5	0																
2	Shoeburyness... Gorleston... Cranwell...	0 7 8 9 7 2 7 5 11 6 2 7 7 11 4	14.0 30 14.5 22 12.3 19	1602 -114 1468 -175 1392 -146	185✓ -42 179✓ -32 167✓ -39	1919 1908 1921	311 309 264	28 35 35	128 19 103 10 113 37	21 3 5 2 0 0 19 4 7 0 1 0 13 6 6 5 1 0	8 5 19 4 16 10	444 -59 483 -139 463 -127	30✓ -17 42✓ -17 72✓ +13	1920 1871 1917	81 150 251	20 75 32	7 7 10	21 27 21	5 5 5	0 0 0																	
3	Birmingham (Edgbaston)	4 10 8 6 3	11.0 26	1295 -9	119✓ -52	1887	271	11	67	87	14 5 7 5 0 0	15 14	538 -136	76✓ +17	1893	167	36	7	11	3	0																
4	Ross-on-Wye...	1 11 7 7 5	11.4 26	1510 +25	151✓ -41	1915	271	34	122	27	17 7 3 2 2 0	16 6	472 -245	58✓ 0	1859	197	72	6	35	2	0																
5	Falmouth (Observatory)	5 10 4 7 5	14.2 16	1700 -10	142✓ -75	1881	346	11	135	90	16 5 6 3 0 1	41 6	806 -301	77✓ +5	1871	178	24	8	13	0	0																
7	Holyhead...	3 7 9 3 9	12.5 26	1517 -33	162✓ -29	1914	255	34	123	20	13 5 5 6 1 1	28 7	860 -27	104✓ +38	1871	197	20	8	35	0	0																
8	Chester (Sealand)	3 11 6 5 6	13.0 18	1389 +13	142✓ -31	1923	244	34	112	31	14 6 6 5 0 0	12 8	556 -105	66✓ +6	1922	126	24	18	34	2	0																
10	Tynemouth...	2 13 8 5 3	10.4 2	1243 *	130✓ *	1935	*	*	*	*	13 8 6 3 1 0	23 16	601 -20	67✓ +6	1915	140	26	13	35	3	0																
11	Leuchars...	1 14 7 6 3	14.2 1	1410 -60	137✓ -35	1922	244	35	91	31	15 4 8 3 1 0	23 7	669 +16	83✓ +17	1922	135	36	17	28	5	0																
12	Renfrew... Eskdalemuir...	2 9 9 5 6 7 9 11 1 3	12.8 21 12.9 21	1240 +47 1210 +9	155✓ +6 104✓ -43	1921 1910	231 217	34 35	86 31 75 31	16 4 6 3 1 1 8 6 4 8 3 2	29 7 60 29	949 +10 1561 +132	93✓ +22 225✓ +121	1921 1910	136 211	36 32	35 25	35 13	4 4	0 0																	
13b	Stornoway...	3 14 4 6 4	12.5 6	1071 -144	126✓ -19	1881	227	17	79	16	5 8 15 3 0 0	11 30	1052 -214	67✓ -10	1870	175	71	22	13	0	0																
15	Aberdeen...	2 14 4 7 4	13.0 22	1235 -94	140✓ -12	1881	239	11	83	31	11 6 8 4 1 1	31 7	736 -12	117✓ +46	1871	150	18	14	78	4	0																
18	Aldergrove...	3 12 8 7 1	10.1 25	1195 *	111✓ *	1927	217	34	97	31	10 7 7 5 2 0	21 29	763 -75	108✓ +37	1928	148	36	27	35	1	0																
19	Dublin (Phoenix Park) Birr Castle...	5 13 8 4 1 5 12 9 3 2	9.6 26 11.1 19	1221 -216 1245 -61	88✓ -82 102✓ -47	1881	235	98	93	31	13 4 10 3 0 1	37 7	627 -75	88✓ +20	1865	165	36	16	35	0	0																
20	Valentia (Cahiriveen)	4 13 10 3 1	10.2 5	1410 +42	106✓ -51	1880	235	18	71	32	5 8 11 5 0 2	44 29	1313 -101	150✓ +54	1866	223	37	22	98	0	0																

MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 10 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	0	1	7	11	10	2	0	0	London (Kew)	21	10	0	0	0	0	0	0	0	0	0	0	0	Dry.	
Ross-on-Wye...	0	0	1	4	8	10	7	1	0	0	Ross-on-Wye	21	10	0	0	0	0	0	0	0	0	0	0	0	1	Wet.
Falmouth (Obsy.)	4	5	14	6	2	0	0	0	0	0	Renfrew ...	23	8	0	0	0	0	0	0	0	0	0	0	0	2	Flooded.
Renfrew ...	0	0	3	3	15	10	0	0	0	0	Renfrew ...	23	8	0	0	0	0	0	0	0	0	0	0	0	3	Frozen hard and dry.
Eskdalemuir ...	0	1	2	5	12	11	0	0	0	0	Eskdalemuir	7	24	0	0	0	0	0	0	0	0	0	0	0	4	Partly covered with snow or hail.
Aberdeen ...	0	0	3	11	13	4	0	0	0	0	Eskdalemuir	7	24	0	0	0	0	0	0	0	0	0	0	0	5	Covered with ice or glazed frost.
Valentia ...	0	2	3	14	12	0	0	0	0	0	Aberdeen ...	8	23	0	0	0	0	0	0	0	0	0	0	0	6	Covered with thawing snow.
											Valentia ...	7	24	0	0	0	0	0	0	0	0	0	0	0	7	Covered with snow, less than 6 ins., but ground not frozen.
																									8	Covered with snow, less than 6 ins., and ground frozen.
																									9	Covered with snow, greater than 6 ins. deep.

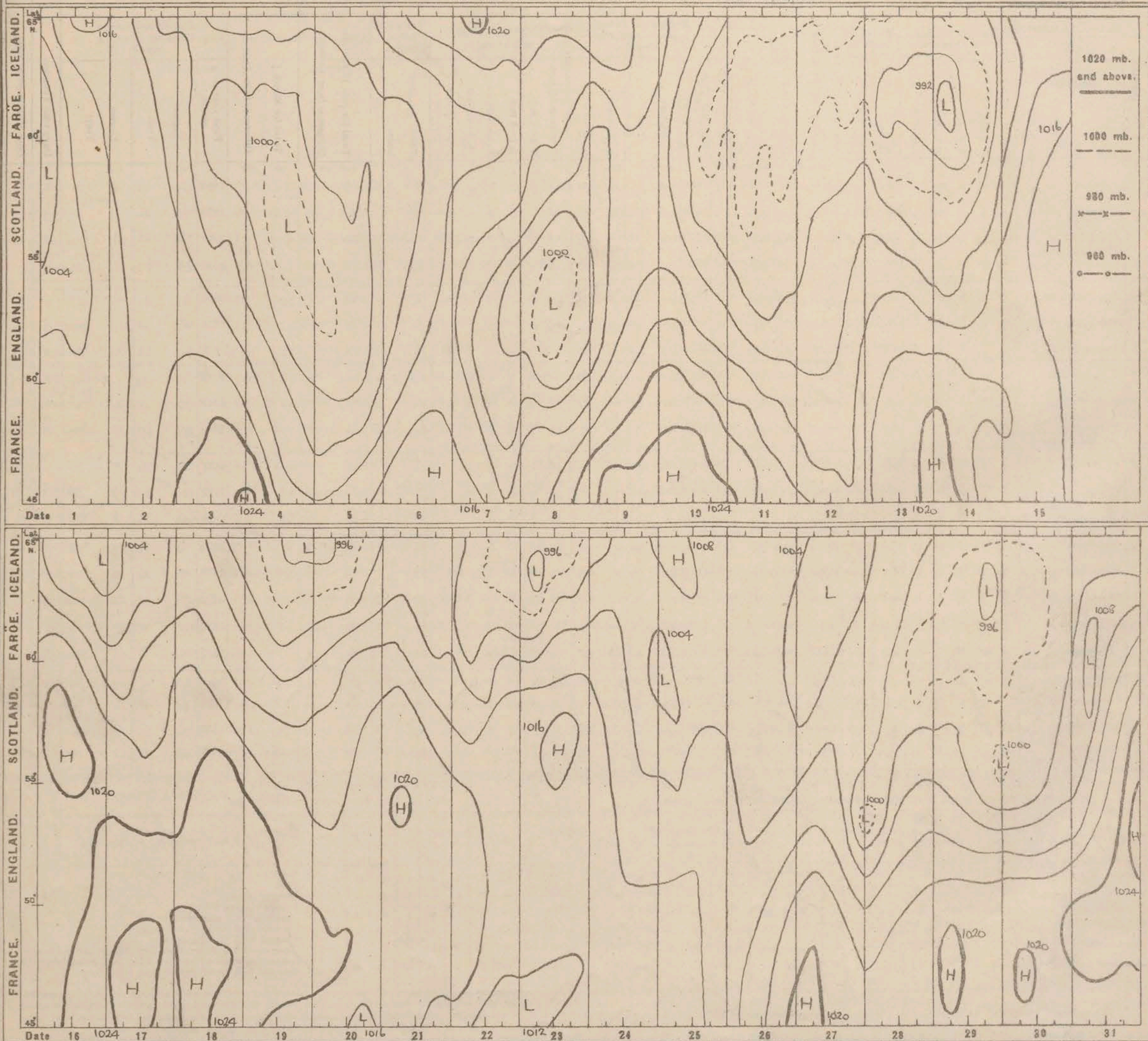
\*\* The extremes of rainfall and sunshine from Calshot are supplemented by those from Southampton.

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



## PRESSURE: ICELAND TO GULF OF LIONS JULY 1938.

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 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.



Dist.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 30th June.														OBSERVATIONS at 18h. G.M.T. 30th June.														PAST 24 HOURS.																										
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-12.	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9.	Cloud.						State of Ground. 0-9.	Sea. 0-9.	WEATHER.																								
				Dir.	Force 0-12.					Form.	Amount.		Height of Base (feet)	Form.	Amount.			Height of Base (feet)	Form.					Amount.		Height of Base (feet)	Form.	Amount.				Height of Base (feet)																								
											Low	Med.			High									Low	Total 0-10			Low	Med.				High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High													
																																												Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)																	
1	London (Kew)	1009.5	-3	SW	4	gpr	63	55	8	5	-	-	10	10	1500	1009.3	-2	SW	3	ir	58	55	8	5	1	-	7-8	9	1500	1	*	bccprc	cprc	cprbc	bccsb																					
	Croydon	1010.2	-2	SW	4	gpr	61	65	8	2	1	-	4-6	10	4000	1009.6	-4	SW	3	C	61	55	8	2	4	3	4-6	7-8	4000	0	*	cprc	cprbc	cprbc	bccsb																					
	S. Farnborough	1009.7	-6	SW	4	gpr	60	65	8	8	-	7	7-8	10	4000	1009.2	-2	SW	3	gpr	56	55	8	3	7	-	7-8	9	1500	1	*	bccprc	cprc	cprbc	bccsb																					
	Boscombe Down	1009.3	-10	SW	5	C	61	55	8	8	1	-	7-8	9	2500	1009.7	0	WNW	3	C	57	65	8	8	7	-	7-8	9	2500	0	*	cprc	cprbc	cprbc	bccsb																					
	Calshot (St. Hmtn.)	1011.7	-2	SW	5	C	61	65	8	2	2	8	4-6	9	2500	1011.1	-2	SW	5	bc	61	65	8	8	7	9	2-3	2-3	4000	0	2	bcc	bccbc	bccbc	bccsb																					
	Lymington	1011.9	-2	SW	5	C	59	75	8	8	7	6	4-6	9	2500	1011.3	-6	SW	4	C	57	75	8	2	9	-	2-3	7-8	2500	0	2	bccprc	cprc	bccprc	bccsb																					
	Manston	1010.5	-6	SW	5	C	61	65	8	8	1	-	7-8	9	2500	1009.9	-8	SW	4	C	59	65	8	2	3	6	1	7-8	4000	1	*	bccprc	cprc	bccprc	bccsb																					
2	Shoeburyness	1010.1	-8	SW	4	C	64	65	8	2	-	7	4-6	9	2500	1009.3	-6	SW	4	bc	62	65	8	2	4	1	2-3	4-6	4000	0	*	bcc	cprc	bcc	bccsb																					
	Felixstowe	1009.1	-10	S	5	C	65	65	8	8	3	8	4-6	9	2500	1008.8	-2	S	5	C	63	65	8	7	3	8	4-6	7-8	2500	0	3	bcc	cprc	bcc	bccsb																					
	Gorleston	1008.3	-10	SW	4	C	65	55	6	8	-	-	7-8	7-8	2500	1007.9	+2	W	2	ir	56	85	6	6	-	-	7-8	7-8	1500	1	2	bcc	cprc	bcc	bccsb																					
	Mildenhall	1008.0	-10	SW	5	C	66	45	8	8	-	8	9	9	2500	1007.9	0	SW	3	C	59	65	8	8	4	1	4-6	7-8	4000	0	*	bccprc	cprc	bccprc	bccsb																					
	Cranwell	1007.1	-4	W	3	C	58	65	8	8	7	-	4-6	9	2500	1006.3	-6	WSW	3	bc	62	55	8	8	4	3	4-6	4-6	4000	0	*	bcc	cprc	bcc	bccsb																					
3	Birmingham	1007.8	-2	WSW	2	bc	53	85	8	3	-	-	4-6	4-6	2500	1006.9	-4	WNW	3	bc	61	55	8	3	6	-	2-3	2-3	2500	1	*	bccprc	cprc	bccprc	bccsb																					
	Upper Heyford	1003.7	-10	SW	4	gpr	63	65	8	8	6	6	4-6	9	1500	1008.0	0	SW	4	C	59	65	8	8	4	-	7-8	7-8	4000	0	*	cprc	cprbc	cprbc	bccsb																					
	Ross-on-Wye	1007.7	-6	W	3	bc	63	55	8	2	-	-	4-6	4-6	4000	1007.4	0	WSW	3	bc	62	45	8	2	-	-	2-3	2-3	4000	0	*	bccprc	cprc	bccprc	bccsb																					
4	Hartland Point	1008.7	-8	W	4	C	57	75	8	2	7	-	4-6	7-8	1500	1009.0	0	WNW	4	bc	58	75	8	8	-	-	4-6	4-6	1500	0	3	bccprc	cprc	bccprc	bccsb																					
	Bristol	1009.2	-6	WSW	3	bc	61	65	8	8	-	6	4-6	4-6	2500	1008.7	-6	WSW	3	bc	61	55	8	8	3	-	-	4-6	4-6	2500	1	*	bccprc	cprc	bccprc	bccsb																				
	Portland Bill	1010.3	-6	SW	4	C	58	83	7	5	4	8	4-6	10	2500	1010.0	-2	SW	4	C	57	85	7	5	4	-	-	4-6	7-8	2500	0	3	bc	cprc	bcc	bccsb																				
	Plymouth	1010.3	-6	SW	5	C	60	75	8	8	7	3	4-6	7-8	2500	1009.7	-2	SW	4	C	57	85	8	8	3	-	-	2-3	7-8	1500	1	3	bc	bccprc	bccprc	bccsb																				
	The Lizard	1010.6	-2	SW	3	bc	60	75	8	8	-	-	2-3	2-3	2500	1009.8	-10	WSW	3	bc	58	85	8	8	6	-	-	2-3	2-3	2500	0	2	bc	bccprc	bccprc	bccsb																				
	Scilly (St. Mary's)	1010.6	-2	WSW	3	bc	62	65	8	8	4	-	2-3	2-3	1500	1009.8	-6	W	3	bc	57	75	8	2	6	-	-	2-3	4-6	1500	0	2	cprc	bcc	bccprc	bccsb																				
	Guernsey	1010.0	-10	SSW	2	pr	61	75	8	8	-	-	9	9	800	1011.8	-2	SW	2	C	60	75	8	8	-	-	-	9	9	2500	0	2	C	cprc	bccprc	bccsb																				
6	Pembroke	1008.7	0	SW	5	bc	58	85	8	2	4	-	4-6	4-6	2500	1008.4	-2	WSW	4	bc	56	85	8	1	7	-	-	2-3	2-3	4000	1	2	bc	bccprc	bccprc	bccsb																				
	Holyhead	1005.6	+2	SW	4	gpr	57	85	8	8	6	-	4-6	7-8	2500	1005.6	+2	WSW	4	gpr	57	75	8	9	6	6	7-8	7-8	2500	1	2	bccprc	cprc	bccprc	bccsb																					
	Chester (Sealand)	1006.0	-2	WSW	3	bc	60	65	8	8	-	-	4-6	4-6	2500	1006.3	+4	SW	4	C	60	55	8	8	7	1	4-6	7-8	2500	0	*	bccprc	cprc	bccprc	bccsb																					
	Manchester	1005.7	-2	WSW	5	pr	60	65	8	8	3	-	4-6	4-6	2500	1005.9	+4	W	4	C	59	75	8	8	3	-	-	7-8	7-8	2500	1	*	cprc	cprbc	bccprc	bccsb																				
10	Spurn Head	1005.6	-4	WSW	3	C	67	55	7	8	6	2	4-6	9	1500	1006.1	+2	WSW	2	C	58	55	6	6	4	-	-	4-6	7-8	1500	0	2	C	cprc	bccprc	bccsb																				
	Catterick	1004.1	0	SW	4	pr	61	65	8	8	3	-	4-6	7-8	2500	1004.5	+2	SW	4	bc	59	55	8	8	4	1	2-3	4-6	4000	0	2	C	cprc	bccprc	bccsb																					
	Tynemouth	1002.8	+2	W	4	C	61	65	7	8	-	-	7-8	7-8	1500	1003.4	+6	W	3	gpr	60	65	7	8	-	-	-	7-8	7-8	1500	0	1	bcc	cprc	bccprc	bccsb																				
11	St. Abbs Head	1000.6	0	SW	4	C	61	55	9	8	6	9	4-6	7-8	2500	1002.0	+4	SW	3	gpr	54	75	8	3	6	-	-	4-6	9	1500	1	3	C	cprc	bccprc	bccsb																				
	Leuchars	1000.5	+6	SW	4	bc	58	75	8	8	7	1	4-6	4-6	2500	1001.0	+6	WSW	3	bc	59	65	9	9	6	2	4-6	4-6	4000	1	*	bccprc	cprc	bccprc	bccsb																					
	Reitrow (Abbots L.)	1001.6	+6	WS	4	C	57	75	8	8	6	6	4-6	9	2500	1002.5	+4	W	3	bc	58	75	9	8	6	1	4-6	4-6	4000	1	*	bccprc	cprc	bccprc	bccsb																					
	Eskdalemuir	1002.5	+2	SW	4	pr	51	75	7	9	-	6	9	9	2500	1003.0	+2	WSW	3	rr	49	92	7	9	-	-	-	9	9	2500	2	*	cprc	cprbc	bccprc	bccsb																				
	Point of Ayre	1003.8	0	W	4	C	63	65	8	2	3	5	4-6	7-8	2500	1003.8	0	W	4	C	60	65	8	8	6	3	4-6	7-8	1500	0	3	bcc	cprc	bccprc	bccsb																					
13	Tiree	1000.2	+6	WNW	2	bc	57	85	8	8	3	-	4-6	4-6	1500	1002.5	+10	WNW	2	bc	54	75	8	2	-	-	-	2-3	2-3	2500	0	2	cprbc	cprc	bccprc	bccsb																				
13	Stornoway	999.0	+8	WNW	4	ir	53	85	7	8	2	-	7-8	10	1500	1000.3	+12	WNW	4	C	54	75	8	5	7	6	4-6	9	1500	1	2	cprbc	cprc	bccprc	bccsb																					
15	Dalwhinnie	1000.2	+2	SW	4	C	55	55	8																																															

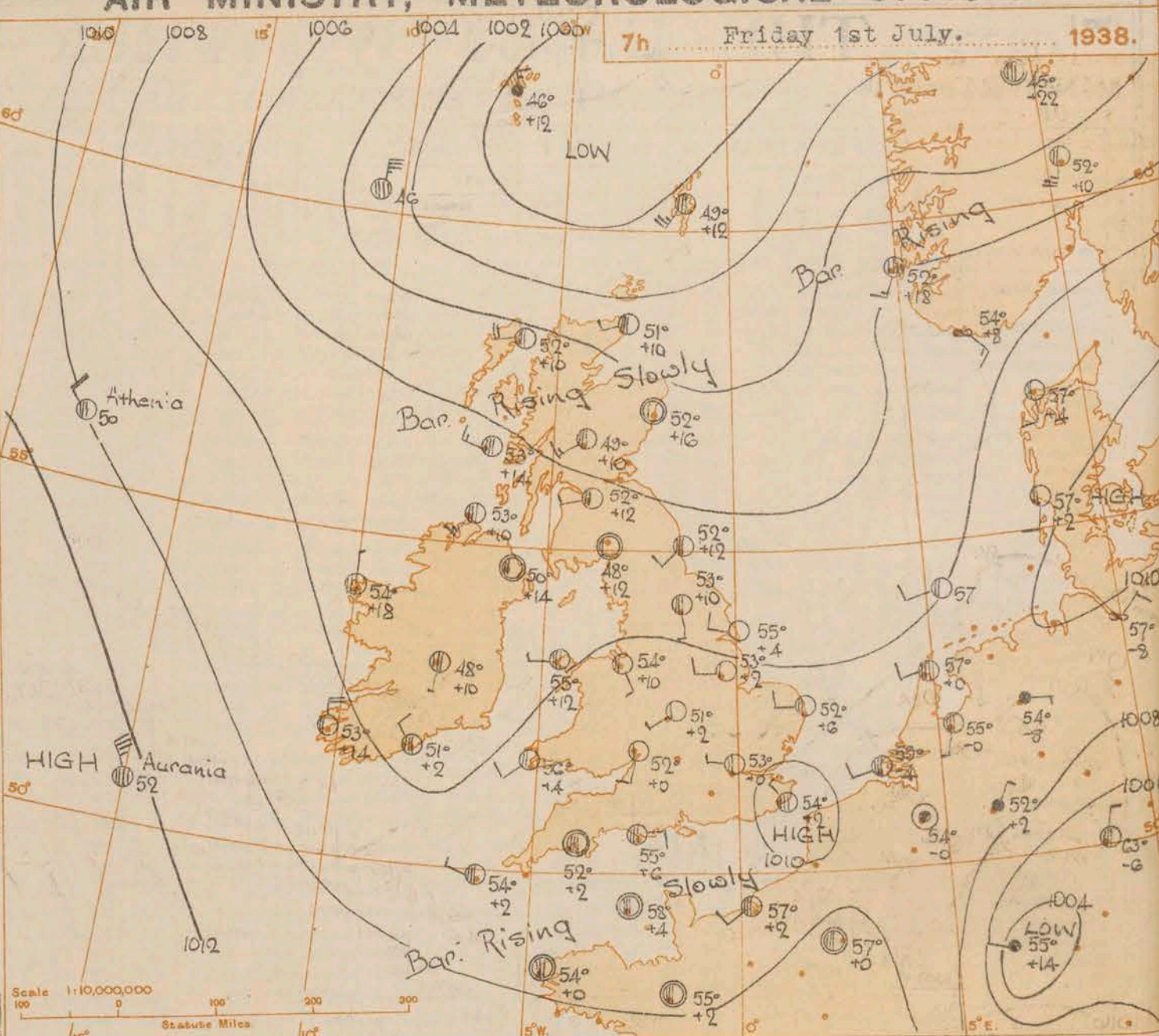


# AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 30th June 1938.

DISTRICTS.	STATIONS	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Forenoon.	Afternoon.	Min. 9h. to 9h.30h.	Max. 9h.30h. to 17h. 30h.	Night. 17h. 30h. to 9h. 30h.	Day. 9h. to 17h. 30h.	Sunrise to 17h. 30h.	Sunset to 9h. 30h.
1	Tunbridge W.	cbcop	ocbc	49	63	Trace	0.3	4.6	6.3
	Bournemouth	cbcc	bc	52	64	Trace	-	6.7	7.8
	Ventnor	coro	ocbc	54	60	0.3	2	3.9	10.9
	Southsea	bcc	cbcb	55	64	Trace	-	4.4	8.7
	Bognor Regis	bcprc	cbc	54	61	-	Trace	5.0	8.8
	Littlehampton	bcpc	cbc	54	61	-	Trace	6.2	9.4
	Worthing	hbcc	cprbc	54	62	-	0.5	3.3	-
	Brighton	bcpc	cbcb	56	60	Trace	1	3.8	6.8
	Eastbourne	cbcc	c	55	62	-	-	4.1	9.9
	Hastings	bcc	ocbc	50	63	Trace	-	4.7	5.7
	Folkestone	orcbc	bcc	50	66	Trace	2	3.1	5.5
	Dover	cpbc	bcc	52	61	-	Trace	4.3	6.5
	Deal	bcb	c	50	64	-	-	3.8	2.1
	Ramsgate	bccor	c	52	62	-	Trace	4.9	6.8
	Margate	bccr	cbc	51	65	-	1	4.7	4.5
2	Southend	bcc	ocbc	52	68	-	-	7.2	4.4
	Clacton-on-Sea	bc	bccbc	53	65	-	-	6.9	5.2
	Dovercourt	bcc	bc	57	65	-	-	8.2	7.6
	Lowestoft	b	bccpr	49	67	-	Trace	8.0	9.8
	Skegness	bbc	bccrbc	47	65	-	0.5	8.8	7.0
3	Mablethorpe	bc	bccy	48	67	-	-	8.8	9.1
	Cleethorpe	bc	ccbc	47	67	-	Trace	8.2	7.1
	Leamington S.	cbc	bccrft	45	63	-	3	6.8	5.8
	Cheltenham	ccp	bccbc	49	67	-	Trace	6.8	8.3
5	Bath	cbcup	cpc	52	64	Trace	3	5.4	9.8
	Weymouth	cbc	b	54	63	-	-	6.5	11.3
	Jersey	obc	bcc	56	61	-	-	0.3	11.2
	Torquay	cbc	bc	52	64	-	-	7.5	8.4
	Falmouth	ocbc	b	51	65	-	Trace	9.7	11.0
	Penzance	bccb	bcc	52	65	-	-	9.8	11.8
	St. Ives	b	b	51	67	-	-	9.8	11.1
	Bude	bccpbc	bc	53	61	2	-	9.8	10.2
6	Ilfracombe	bccpbc	bc	53	60	Trace	-	10.2	11.3
	Aberystwyth	orbc	bc	53	60	1	-	9.4	7.4
	Llandudno	bcb	bcc	52	61	-	-	9.8	9.7
	Colwyn Bay	bcb	bcb	51	62	-	-	8.3	4.8
7	Rhyl	bcc	cbc	50	63	Trace	-	9.8	8.3
	Wallasay	bc	bc	51	62	2	-	8.9	7.2
	Southport	bc	bcc	51	63	6	-	9.9	8.6
	Blackpool	ccp	bcb	50	61	3	0.3	9.6	6.8
8	Morecambe	bcc	bcc	50	62	0.3	-	10.5	5.3
	Ilkley	cpc	bc	47	64	11	Trace	7.4	5.8
	Harrogate	cbc	bcb	48	62	5	-	9.0	7.8
	Berwick-on-T.	cc	pc	47	61	-	1	6.3	5.7
11	Dunbar	bc	bc	47	62	-	-	9.4	6.0
	Troon	cbc	bcc	51	57	2	-	5.4	5.9
	Douglas	bc	bc	49	58	0.5	-	9.0	7.0

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.



FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st July, 1938.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st July, 1938.
1 S.E. England	Wind light westerly today, becoming moderate northwest tomorrow; bright periods, showers; cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind light westerly today, becoming moderate to fresh northwest tomorrow; bright periods, showers with thunder locally; cool.
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	Wind northwest, moderate or fresh; bright periods; showers, with chance of thunder locally; cool.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway, E.C.2.

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 off the west of Ireland is slowly spreading eastwards. In all districts weather will continue cool and showery with thunder locally.

## FURTHER OUTLOOK.

Cool northwesterly winds with local showers.

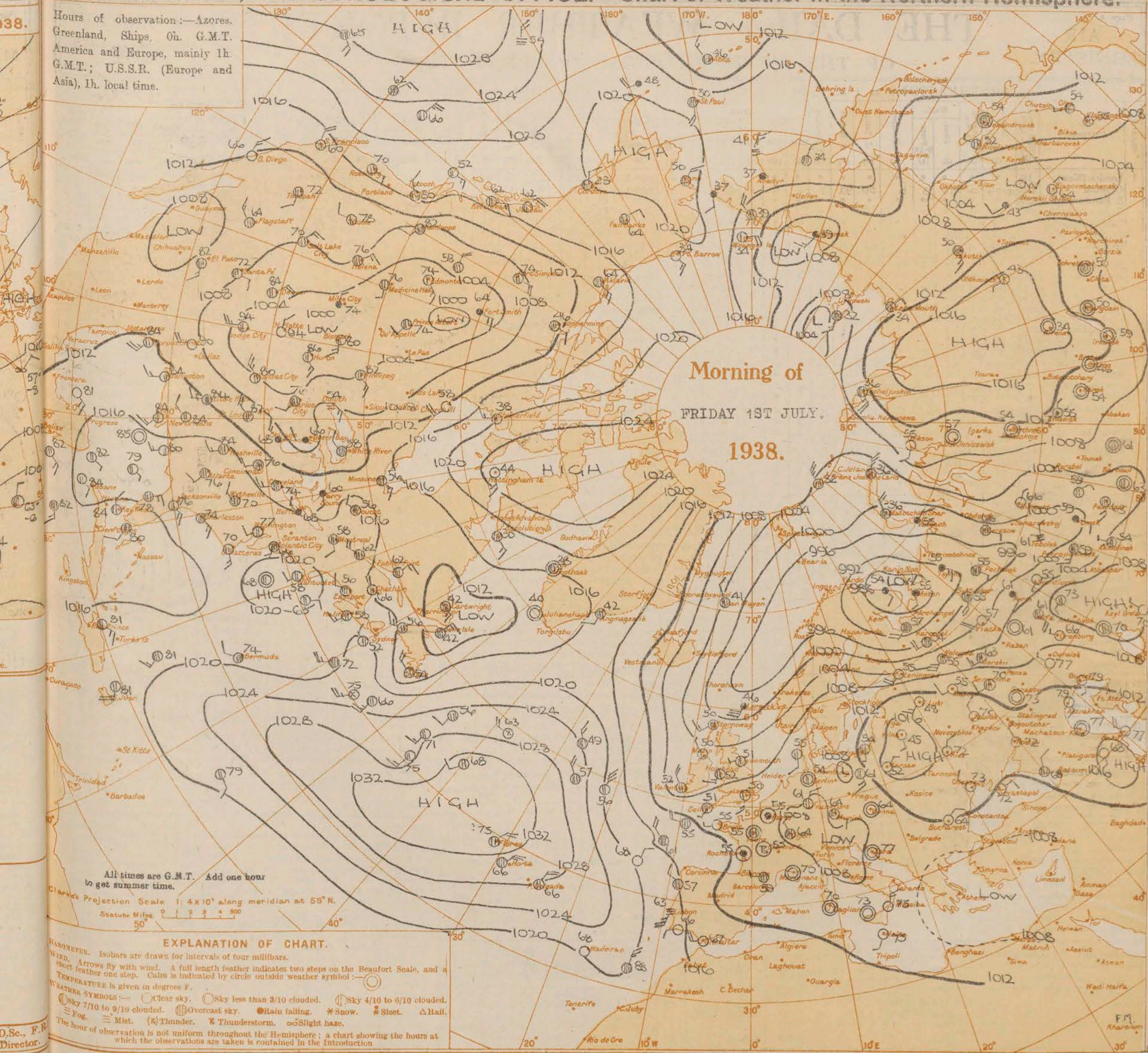
Forecasts issued at 0945 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.



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

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

1938.





‡ Sea disturbance reported from Dungeness



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Saturday 2nd July, 1938.  
No. 27981.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 1st July														OBSERVATIONS at 18h. G.M.T. 1st July														PAST 24 HOURS.							
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.				State of Ground.	Sea.	WEATHER.									
				Dir.	Force					Low	Med.	High	Low 0-10			Total 0-10	Height of Base (feet)					Low	Med.	High	Low 0-10			Total 0-10	Height of Base (feet)	7h.—13h. 1st.	13h.—18h. 1st.	18h.—1st. 1h. 2nd.	1st.—2nd.				
(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)				
For heights see p. 4.)																																					
1	London (Kew)	1008.9	-2	E'S	2	C	66	45	8	8	1	-	7-8	7-8	2500	1009.1	-2	SSE	2	bc	64	55	8	3	-	4	2-3	4-6	2500	1	*	bmo	bc	bc	bc	bc	bc
	Croydon	1008.8	-4	E	1	C	64	55	8	8	4	3	4-6	7-8	4000	1009.2	0	SW	1	bc	60	65	7	2	4	4	1	4-6	7200	0	*	bc	bc	bc	bc	bc	bc
	S. Farnborough	1009.2	+6	SSE	1	PR	54	85	6	5	-	-	10	10	1500	1008.7	-2	W'N	1	bc	63	45	8	2	4	6	2-3	4-6	4000	1	*	bc	bc	bc	bc	bc	bc
	Boscombe Down	1009.2	+4	S'E	4	PR	52	85	6	8	-	-	9+	9+	1500	1009.4	0	-	0	C	59	55	8	3	1	-	4-6	7-8	2500	1	*	bc	bc	bc	bc	bc	bc
	Calshot (Stmnt.)	1009.7	0	SSE	1	PR	61	75	8	8	3	-	4-6	4-6	2500	1009.3	0	SW'S	3	bc	60	75	8	3	4	6	2-3	4-6	2500	0	2	bc	bc	bc	bc	bc	bc
	Lympne	1010.3	+6	NW	1	PR	56	85	8	8	-	-	9+	9+	5700	1009.2	0	SW	2	bc	59	65	9	8	6	-	2-3	2-3	4000	1	1	bc	bc	bc	bc	bc	bc
	Manston	1009.9	+10	-	0	PR	54	92	6	9	2	-	9	10	1500	1009.2	+2	SE	1	C	58	65	8	3	4	-	4-6	7-8	4000	1	*	bc	bc	bc	bc	bc	bc
2	Shoeburyness	1009.9	+10	S	2	TLR	56	92	7	6	2	-	7-8	10	2500	1009.1	-4	-	0	bc	61	65	9	2	4	3	1	2-3	4000	0	*	tlr	bc	bc	bc	bc	bc
	Felixstowe	1008.9	+2	SSE	3	ct	63	55	8	8	3	8	2-3	7-8	2500	1009.2	0	-	0	C	62	65	8	2	3	-	1	9	2500	0	2	bc	bc	bc	bc	bc	bc
	Gorleston	1008.7	0	SE	1	C	60	75	6	8	3	-	4-6	7-8	2500	1008.7	0	NNW	2	C	57	75	6	8	2	-	2-3	9	2500	0	2	bc	bc	bc	bc	bc	bc
	Mildenhall	1008.1	-4	NNW	1	C	65	45	8	8	3	-	4-6	9	5700	1008.4	+4	SSE	2	PR	63	55	8	3	3	-	4-6	9	4000	0	*	bc	bc	bc	bc	bc	bc
	Cranwell	1007.8	-6	SSE	1	bc	65	45	8	2	4	-	4-6	4-6	4000	1009.6	+22	NNW	3	TLR	54	85	7	3	-	-	9	10	1500	1	*	bc	bc	bc	bc	bc	bc
3	Birmingham	1008.1	-2	NNW	3	ct	62	45	8	3	-	-	7-8	7-8	2500	1010.0	+12	W	2	t	56	55	7	3	-	-	9+	9+	2500	1	*	bc	bc	bc	bc	bc	bc
	Upper Heyford	1007.9	-6	-	0	C	65	45	9	3	3	8	7-8	9	4000	1008.8	+6	W'N	1	C	56	75	9	9	4	-	-	7-8	2500	0	*	bc	bc	bc	bc	bc	bc
4	Ross-on-Wye	1008.3	0	SW'S	3	bc	64	45	8	2	-	3	4-6	4-6	4000	1009.3	+10	NNW	3	t	58	65	9	3	-	1	7-8	9	2500	1	*	bc	bc	bc	bc	bc	bc
5	Hartland Point	1009.2	+4	W	2	C	60	65	8	3	4	3	2-3	7-8	1500	1010.1	+8	NW	3	bc	58	65	9	3	6	3	2-3	4-6	1500	0	2	bc	bc	bc	bc	bc	bc
	Bristol	1009.0	-2	NNW	2	bc	62	45	8	3	7	3	4-6	4-6	2500	1009.9	+10	WSW	3	bc	61	65	8	3	3	8	2-3	4-6	2500	1	*	bc	bc	bc	bc	bc	bc
	Portland Bill	1009.0	+2	SW	1	C	60	85	8	5	4	-	4-6	7-8	2500	1010.6	-2	SW	2	C	57	85	8	5	4	-	4-6	7-8	2500	0	2	bc	bc	bc	bc	bc	bc
	Plymouth	1009.4	+4	SW	2	C	63	55	8	3	4	3	2-3	7-8	2500	1010.6	+14	NNW	3	PR	56	75	8	3	4	3	4-6	9+	2500	0	1	bc	bc	bc	bc	bc	bc
	The Lizard	1009.0	+4	W	2	bc	61	75	8	6	-	-	4-6	4-6	2500	1010.6	+4	W'S	2	bc	59	75	8	3	6	-	2-3	4-6	2500	1	2	bc	bc	bc	bc	bc	bc
	Scilly (St. Mary's)	1009.7	+4	W'S	2	bc	61	65	8	8	-	1	4-6	4-6	1500	1010.7	+2	NNW	2	bc	61	65	9	2	6	3	4-6	4-6	2500	0	1	bc	bc	bc	bc	bc	bc
	Guernsey	1009.7	0	NNW	1	C	59	75	9	4	1	-	4-6	7-8	2500	1010.3	+4	NW	1	C	58	75	9	3	3	-	4-6	7-8	800	0	1	bc	bc	bc	bc	bc	bc
6	Pembroke	1009.6	+4	SW	2	bc	58	85	8	1	7	1	2-3	4-6	4000	1010.5	+2	NW	2	bc	57	85	9	2	3	2	2-3	4-6	2500	0	1	bc	bc	bc	bc	bc	bc
	Holyhead	1008.7	+6	NW	3	bc	58	85	9	2	-	6	4-6	4-6	4000	1009.6	+6	W'S	3	b	57	75	9	2	-	8	Tr	1	4000	1	1	bc	bc	bc	bc	bc	bc
	Chester (Sealand)	1009.1	+12	NW	3	PR	56	75	8	8	-	-	7-8	7-8	2500	1009.7	+6	NNW	3	C	59	65	7	8	7	8	4-6	7-8	2500	1	*	bc	bc	bc	bc	bc	bc
8	Manchester	1008.5	+4	WNW	2	TLR	55	85	6	9	-	-	9+	9+	2500	1009.1	+2	NW	3	t	61	65	8	8	7	3	1	9	4000	1	*	bc	bc	bc	bc	bc	bc
10	Spurn Head	1008.4	0	SE	3	bc	62	65	7	2	8	-	4-6	4-6	4000	1009.5	+6	-	0	C	58	75	6	8	-	-	9+	9+	800	0	1	bc	bc	bc	bc	bc	bc
	Catterick	1007.4	+2	WNW	2	CJP	63	45	8	8	-	-	9	9	2500	1009.0	+14	S	2	PR	53	83	8	9	3	3	7-8	9+	1500	1	*	bc	bc	bc	bc	bc	bc
	Tynemouth	1007.4	+4	SE	2	C/PR	55	85	6	8	-	-	7-8	7-8	1500	1008.4	+8	S	1	C	57	97	6	8	-	-	7-8	7-8	800	0	1	bc	bc	bc	bc	bc	bc
11	St. Abbs Head	1007.4	+8	ESE	2	bc	57	75	8	2	6	-	2-3	4-6	2500	1007.7	+2	SE	3	C	53	85	8	3	7	-	4-6	9	1500	0	2	bc	bc	bc	bc	bc	bc
	Leuchars	1006.4	+6	-	0	C	62	55	9	2	6	-	4-6	7-8	2500	1007.0	+6	NNW	3	bc	62	55	9	3	6	3	4-6	4-6	2500	0	*	bc	bc	bc	bc	bc	bc
	Roufrew (Abbots)	1007.5	+6	W'N	3	bc	58	65	9	8	6	-	4-6	4-6	4000	1008.0	+4	NW	4	bc	60	65	9	2	6	1	2-3	4-6	5700	0	*	bc	bc	bc	bc	bc	bc
	Eskealemuir	1007.1	+4	W'S	4	C	57	55	8	8	-	-	7-8	7-8	2500	1007.5	+4	NNW	3	bc	59	55	8	8	4	-	4-6	4-6	4000	1	*	bc	bc	bc	bc	bc	bc
	Point of Ayre	1008.6	+6																																		

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

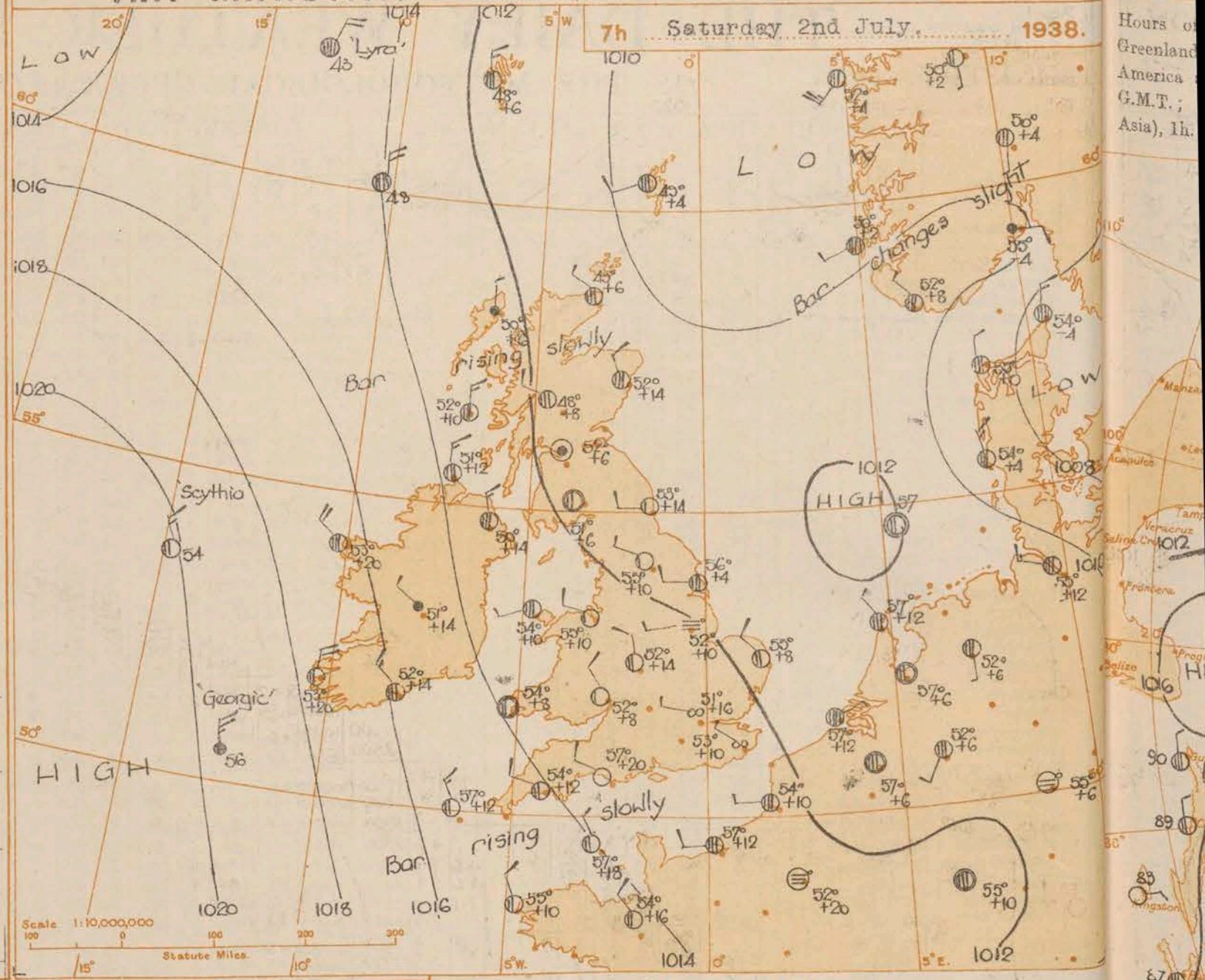


# REPORTS from HEALTH RESORTS for 1st July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (in.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
				9h. to 12h.	12h. to 3h.	3h. to 6h.	6h. to 9h.	17h. to 19h.	19h. to 21h.
1	Tunbridge W.	cor	bccop	42	65	Trace	3	3.6	6.1
	Bournemouth	cbcb	tlrb	44	68	-	2	5.0	8.3
	Ventnor	bcob	hob	51	65	-	-	5.1	4.2
	Southsea	bcp	bcp	56	64	Trace	Trace	5.9	6.1
	Bognor Regis	bc	bcpb	48	62	-	Trace	7.0	5.3
	Littlehampton	cbc	bc	46	63	Trace	-	7.0	7.2
	Worthing	cbc	b	49	62	Trace	-	6.4	4.0
	Brighton	rncb	b	49	62	Trace	2	6.7	4.4
	Eastbourne	rroc	cbcb	51	63	3	4	5.4	4.5
	Hastings	rroc	bcb	50	62	1	3	4.1	5.3
	Folkestone	bccc	orcb	51	65	-	0.5	6.7	3.7
	Dover	bccc	cbc	51	65	-	Trace	5.6	4.9
	Deal	bo	obcb	51	65	-	-	5.6	4.5
	Ramsgate	bccp	cbc	54	63	-	1	4.4	6.4
	Margate	bcc	crbc	50	62	-	2	4.5	6.3
2	Southend	bccc	ctlr	51	68	-	3	6.0	8.4
	Clacton-on-Sea	bccc	cpbc	50	63	-	Trace	5.9	8.7
	Dovercourt	bccv	bccv	57	65	-	-	7.5	9.3
	Lowestoft	bc	cpcc	47	66	Trace	0.1	7.8	8.0
	Skegness	b	bc	44	64	0.3	-	10.8	10.8
	Mablethorpe	b	bcc	42	62	-	-	10.2	10.0
3	Leamington S.	bc	bccp	45	68	3	Trace	8.4	7.1
	Cheltenham	beyb	bccu	43	68	-	-	10.8	9.5
5	Bath	bccr	cbcl	41	66	Trace	4	6.9	7.3
	Weymouth	b	b	47	65	-	-	10.0	6.9
	Jersey	rncb	bc	53	65	1	-	11.7	0.3
	Torquay	bc	bccr	46	61	-	1	7.1	9.3
	Falmouth	cpbc	orpc	47	62	Trace	2	4.0	11.0
	Penzance	bccc	rbp	49	61	3	11	4.7	11.9
	St. Ives	pr	b	48	65	3	13	5.1	12.3
	Bude	cpbc	bc	44	59	6	-	7.6	12.1
	Ilfracombe	cpbc	bc	50	60	1	-	8.1	5.8
	Aberystwyth	cbc	bc	50	61	-	-	11.4	11.3
7	Llandudno	dir	ncbc	52	60	-	1	5.0	11.9
	Colwyn Bay	bccr	bccp	48	63	-	3	4.7	9.9
	Rhyl	cpbc	cbcb	49	61	Trace	0.4	7.2	10.6
	Wallassey	bccr	pccb	50	62	0.5	Trace	8.0	10.0
8	Southport	cbcb	bccv	50	63	-	-	8.2	10.9
	Blackpool	bcb	b	52	61	-	-	9.5	12.3
	Morecambe	bcb	b	52	62	-	-	11.0	12.6
	Ilkley	b	bccc	44	66	-	-	5.7	8.8
10	Harrogate	bcc	tlr	45	66	-	16	7.7	10.6
	Berwick-on-T.	bccc	bccbc	44	59	-	-	6.0	6.9
11	Dunbar	cm	cm	45	63	-	-	12.3	11.2
	Troon	bccb	bccbc	46	59	-	-	10.5	8.7
12	Douglas	bccp	bc	48	61	-	0.5	5.1	11.2

† Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h.-9h.

## AIR MINISTRY. METEOROLOGICAL OFFICE.



### DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd July, 1938.

1 S.E. England	Wind northwest, light or moderate; bright periods but local thunderstorms with hail in places; cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	Wind northwest, moderate; bright periods but showers or occasional rain; cool.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotld. B.N.W. Scotland.	None issued.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	None issued.
20 S.W. Ireland	

HM Stationery Office Press, Kingsway W.C.2

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

#### GENERAL INFERENCE.

Pressure is low to the East and high to the West of the British Isles. There will be cool northwesterly winds with bright periods but showers or occasional rain in the North and West and thunderstorms in England and Wales.

#### FURTHER OUTLOOK.

None issued.

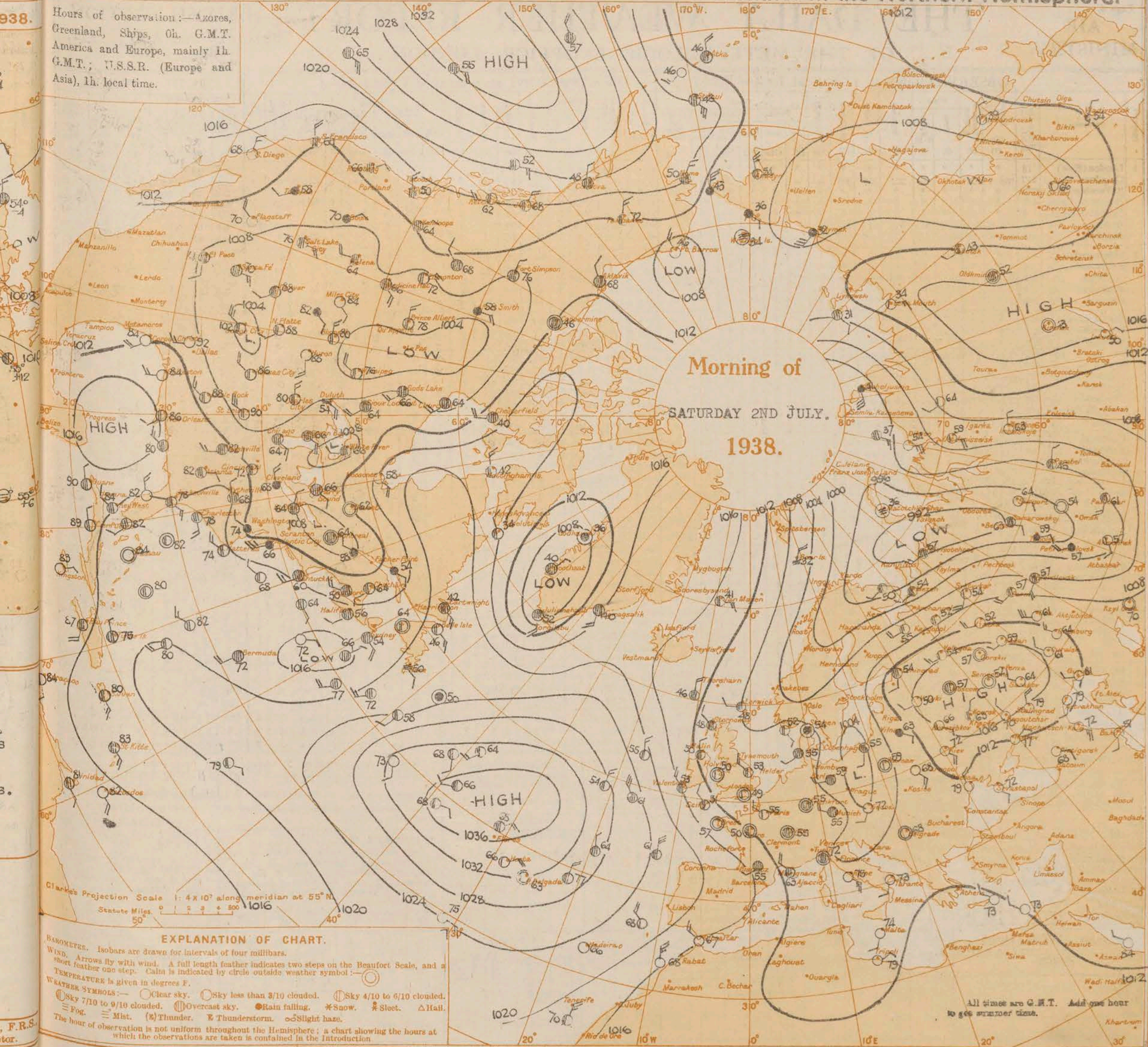
Forecasts issued at 09.30 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.



# 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.

938.



F.R.S.  
tor.



PAST 24 HOURS.

1. ar. observations are from Valentin W/T Station. 1 Maximum and Minimum Temperatures are for the 24 hours ending 2 h. 1 Sea disturbance reported from Duncannon



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday 3rd July, 1938  
No. 27982

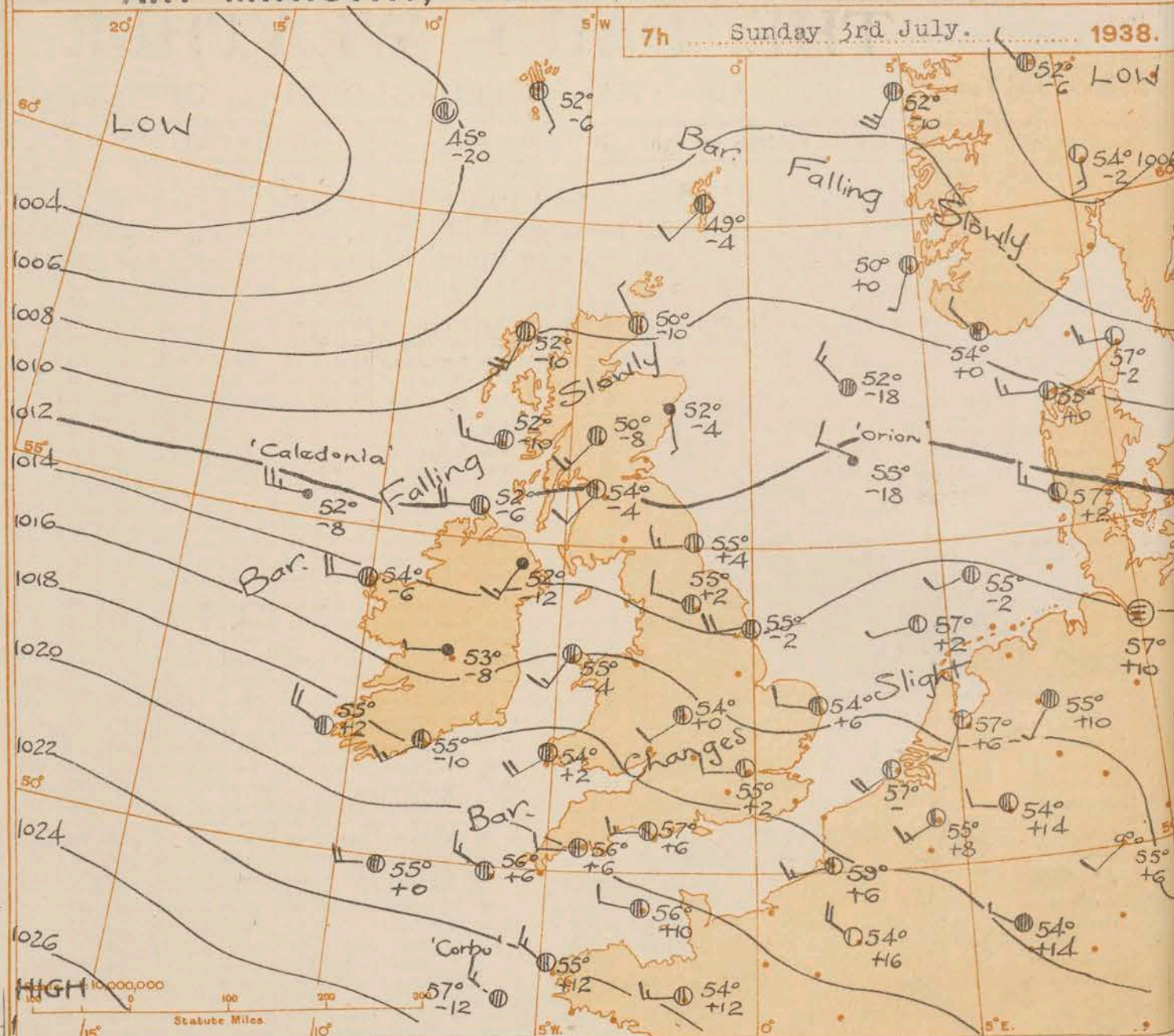
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 2nd July														OBSERVATIONS at 18h. G.M.T. 2nd July														PAST 24 HOURS.									
		Barom. at 3 h.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.					Barom. at 3 h.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.					State of ground.	Sea.	WEATHER.									
				Dir.	Force					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Low					Med.	High	Low 0-10	Total 0-10	Height of Base (feet)			Low	Med.	High	Low 0-10	Total 0-10	Height of Base (feet)	7h.—13h. 2nd...	13h.—18h. 2nd...	18h. 2nd to 1h. 3rd.	1h.—7h. 3rd....
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)						
(For heights see p. 4.)																																							
1	London (Kew)	1013.6	+6	NW	2	C	64	45	7	-	-	9	9	2500	1013.5	+2	SE	2	9pr	65	65	7	8	1	-	7-8	9	2500	1	*	bcm, bcc	PR tpc	cprbc	bcb					
	Croydon	1013.3	+2	NE	1	C/pr	63	55	7	-	-	9+	9+	5700	1013.3	+2	SE	2	9pr	62	65	7	3	-	3	7-8	7-8	4000	1	*	bccpry	cy tlr	PR lws	bwb					
	S. Farnborough	1013.5	+6	NW/N	3	C	65	45	7	3	-	7-8	7-8	4000	1013.9	+2	NW	3	cpr	65	45	8	3	3	-	9	9+	4000	0	*	bcm, cy	bccpry	cprb	bcc					
	Boscombe Down	1013.9	+2	NW	2	C	65	45	8	2	-	9	9	4000	1015.0	+10	NW	2	7 tlr	59	75	8	3	7	-	4-6	4-6	4000	1	*	bcccy	clrb	bcc	ccid, c					
	Calshot (Stmtn.)	1014.2	+2	WSW	3	C	65	55	8	3	-	7-8	7-8	4000	1014.7	+2	SW	3	bc	62	75	8	8	-	-	4-6	4-6	4000	0	1	bcc, cy	cybc	bccjpb	bcc					
	Lymington	1013.9	+6	SE/S	2	C	59	55	6	8	-	7-8	9	4000	1015.0	+4	W/S	2	C	54	89	7	4	7	-	4-6	9+	5700	1	2	bcb, cz	clrb	bccm	cbm, f3					
	Manston	1013.0	0	N	2	C	63	65	7	8	-	6	2-3	9	2500	1013.6	0	SW/W	1	C	63	55	7	-	4	8	0	9+	-	0	*	cm, bcc	clrb	b, bccm	cbm.				
2	Shoeburyness	1013.1	0	SE	1	C/pr	62	75	8	9	-	7-8	9+	4000	1013.7	+4	-	0	cl	62	75	7	8	3	-	4-6	9	4000	0	*	mccp	cl	tlp	cbe					
	Felixstowe	1012.9	+2	SSE	3	C	64	65	8	3	8	4-6	7-8	2500	1013.7	+8	E	2	bc	61	65	8	7	4	5	2-3	4-6	4000	0	2	bcc	clrb	bccb	bccm					
	Gorleston	1012.8	+4	NE/N	2	C	59	85	6	8	-	7-8	7-8	2500	1013.5	+4	SE	2	bc	60	75	6	5	4	-	2-3	4-6	2500	0	2	bcc, ntc	clrb	bcc	bcc					
	Mildenhall	1012.8	+2	-	0	9pr	63	65	7	8	6	-	7-8	9	4000	1013.1	+2	SE	1	bc	63	55	8	4	6	-	2-3	4-6	5700	1	*	bcm, cpr	tlrb	bccpr	bcc				
	Cranwell	1012.5	+2	W/S	2	C	64	55	8	8	-	7-8	7-8	2500	1013.5	+6	NE	2	bc	63	55	7	8	4	-	2-3	4-6	4000	1	*	bcm, cz	cypr	bcc	cid.					
3	Birmingham	1013.5	0	NNW	2	bc	65	45	8	2	6	-	4-6	4-6	4000	1013.9	+6	NNW	3	bc	63	55	8	1	7	-	4-6	4-6	4000	1	*	bc	bccbc	bcc	bcc				
	Upper Heyford	1013.9	+2	NW	3	C	64	55	9	3	6	-	7-8	7-8	4000	1013.8	+4	NW	3	bct	63	55	9	3	3	-	4-6	4-6	2500	0	*	cm, bcc	bccjpr	bcc	bcc				
4	Ross-on-Wye	1013.7	0	SSW	2	C	64	45	8	8	-	7-8	7-8	4000	1013.0	+6	SSW	2	9pr	57	75	8	8	-	-	7-8	7-8	4000	1	*	bcc, cy	PR tpc	bcc	bcc					
5	Hartland Point	1015.5	+3	NNW	3	bc	60	75	9	8	6	-	2-3	4-6	1500	1016.7	+4	NNW	4	bc	57	75	8	8	6	2	2-3	4-6	1500	0	2	bc	bccbc	bcc	bcc				
	Bristol	1014.3	0	W	3	bc	66	55	8	8	-	4-6	4-6	4000	1015.6	+6	NNW	4	pr	57	75	8	8	7	-	7-8	7-8	2500	0	*	bccy	bccp	bcc	bcc					
	Portland Bill	1015.4	+12	W	3	C	60	85	7	5	4	-	4-6	7-8	2500	1015.1	+20	W	3	C	59	85	8	5	4	-	10	10	2500	0	3	bc	bcc	bcc	bcc				
	Plymouth	1013.5	+6	WSW	3	pr	57	85	8	9	3	3	7-8	7-8	2500	1016.8	+12	NNW	3	bc	61	55	9	8	5	1	2-3	4-6	2500	0	2	bccpr	bccy	bcc	bccpr				
	The Lizard	1016.6	+12	NNW	4	bc	61	75	8	8	6	-	2-3	4-6	2500	1018.0	+4	NNW	3	C	57	85	8	5	6	-	4-6	7-8	2500	0	2	bc	bcc	bcc	bcc				
	Scilly (St. Mary's)	1017.3	+10	NW	4	C	62	65	8	8	7	2	2-3	7-8	2500	1018.9	+6	NW	3	9pr	58	75	8	8	-	-	9	9	1500	0	2	bcc	bccp	bcc	bcc				
	Guernsey	1016.2	+12	NNW	3	bc	62	65	9	1	-	2-3	2-3	2500	1016.8	+2	W/N	3	bc	60	75	9	-	7	8	0	2-3	-	0	2	bc	bcc	bcc	bcc					
6	Pembroke	1016.5	+6	NW	4	Cq	61	75	8	8	7	-	7-8	9+	2500	1017.0	+4	W/N	4	C	56	85	8	5	2	-	7-8	9+	2500	0	2	bccq	bcc	bcc	bcc				
7	Holyhead	1014.8	+6	W/N	4	C	56	85	8	7	-	7-8	9+	2500	1015.8	+2	W/N	3	C	56	85	9	8	7	-	4-6	9+	2500	1	1	cpr	bcc	bcc	bcc					
	Chester (Sealand)	1014.3	+2	NW	4	bc	61	55	8	8	-	4-6	4-6	2500	1015.3	+4	W/NW	4	C	58	75	8	8	-	-	7-8	7-8	2500	0	*	bccy	bcc	bcc	bcc					
8	Manchester	1013.6	+6	NW	3	bc	63	65	8	3	-	4-6	4-6	4000	1014.3	+6	W/NW	4	bc	60	65	8	1	-	3	4-6	4-6	4000	0	*	FFembc	bcc	bcc	bcc					
10	Spurn Head	1012.8	+4	NE/N	3	C	60	75	5	5	2	-	4-6	9+	2500	1013.7	+2	-	0	C	59	75	6	5	6	-	4-6	9+	2500	0	1	cm	bcc	bcc	bcc				
	Catterick	1012.0	0	N	1	C	64	45	9	3	4	7-8	7-8	4000	1012.8	+2	-	0	C	63	55	8	8	3	9	4-6	7-8	2500	1	*	bcc	bcc	bcc	bcc					
	Tynemouth	1012.1	+4	E	2	bc	57	75	8	2	-	2-3	4-6	2500	1012.7	0	SW	1	C	57	75	6	8	-	-	9+	9+	2500	0	1	bc	bcc	bcc	bcc					
11	St. Abbs Head	1012.1	+4	-	0	C	56	85	7	4	6	-	4-6	9	2500	1012.7	0	S	2	C	53	92	7	8	2	-	4-6	10	2500	0	1	c	bcc	bcc	bcc				
	Leuchars	1011.9	+6	E	2	pr	57	75	8	8	2	-	7-8	10	2500	1012.4	+2	E	2	id.	53	92	7	5	2	-	9+	10	450	1	*	cpr	bcc	bcc	bcc				
12	Bentley (Abbots I.)	1012.4	+7	NNW	3	C	58	75	9	8	7	-	9	10	4000	1012.7	0	W/N	3	C	59	75	8	3	3	-	7-8	9+	2500	0	*	prbce	bcc	bcc	bcc				
	Eskdalemuir	1012.3	+4	SWW	3	cpr	59	65	8	8	3	-	7-8	9	2500	1012.6	0	W/NW	3	C	56	75	8	5	3	-	7-8	9	2500	1	*	bcc, cy	bcc	bcc	bcc				
	Point of Ayre	1014.3	+6	NW	4	C	59	75	8	8	7	-	1	9+	2500	1014.9	0	NW	4	C	56	85	8	8	3	-	2-3	7-8	800	0	2	c	bcc	bcc	bcc				
13a	Three	1014.2	+10	NNW	3	C	53	92	9	8	7	-	7-8	10	1500	1014.5	+2	NW	3	C	53	85	8	8	7	8	7-8	10	1500	0	2	c	bcc	bcc	bcc				
13b	Stornoway	1014.5	+4	NW	2	C	50	92	8	5	2	-	7-8	10	1500	1014.2	-4	NNW	3	C	52	85	7	5	2	-	7-8	10	1500	1	1	cpr	bcc	bcc	bcc				
15	Dalwhinnie	1013.6	+3	NNW	2	C	52	75	7	5	-	-	10	10	2500	1013.6	0	SW	1	C	52	85	7	5	-	-	10	10	2500	0	*	cir	bcc	bcc	bcc				
	Aberdeen	1012																																					



DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
				9h. 1st. to 9h. 2nd.	9h. 17h. 2nd.	17h. 1st. to 9h. 2nd.	9h. 17h. 2nd.	2nd.	1st.
1	Tunbridge W.	bc	oc	41	66	Trace	-	6.2	4.0
	Bournemouth	b	bcpbc	46	70	-	0.3	9.1	7.6
	Ventnor	b	bcpb	49	66	-	Trace	9.0	9.7
	Southsea	bbc	bcpb	49	69	-	Trace	9.1	8.3
	Bognor Regis	bpc	bcpb	47	68	-	1	7.0	9.3
	Littlehampton	bpc	tlrb	45	66	-	3	8.7	9.6
	Worthing	b	bcpb	47	67	-	1	6.6	8.6
	Brighton	b	brrbc	48	66	-	3	7.7	8.9
	Eastbourne	bpc	ctlr	48	65	-	1	6.7	6.7
	Hastings	bpc	orth	48	66	-	5	6.0	5.4
	Folkestone	bpc	bcpbc	54	65	-	4	7.7	8.5
	Dover	bpc	bcpbc	47	61	-	2	4.5	11.5
	Deal	bpc	bcpbc	46	68	-	Trace	7.8	7.9
	Ramsgate	b	b	52	64	-	-	10.0	6.3
	Margate	b	b	50	65	-	-	9.0	7.0
2	Southend	bpc	bpc	48	67	-	-	5.4	7.8
	Clacton-on-Sea	bcpb	bcpb	48	65	-	0.2	6.6	7.8
	Dovercourt	bcp	bcpb	50	67	-	-	8.1	8.5
	Lowestoft	bcpb	bcpb	46	63	-	7	3.4	8.2
	Skegness	bcpb	bcpb	45	65	-	Trace	4.4	11.8
	Mablethorpe	b	bcpb	45	62	-	4	3.7	11.0
	Cleethorpe	bcpb	bcpb	51	63	-	Trace	4.2	10.5
3	Leamington S.	b	bpc	38	68	1	-	6.7	8.5
4	Cheltenham	bpc	bpc	43	67	12	Trace	8.4	10.8
5	Bath	bcpb	bcpb	42	68	0.5	Trace	9.1	7.9
	Weymouth	b	b	48	65	-	-	10.4	12.5
	Jersey	b	b	53	63	-	-	11.5	13.8
	Torquay	bcpb	bcpb	48	63	0.5	1	8.3	8.8
	Falmouth	b	b	46	65	-	-	7.2	7.1
	Penzance	b	bpc	46	65	-	-	8.6	7.2
	St. Ives	b	b	48	64	-	-	8.4	8.2
	Bude	b	bcpb	41	61	-	-	11.1	10.5
	Ilfracombe	bcpb	b	52	61	-	-	9.2	10.9
6	Aberystwyth	bpc	bpc	47	61	-	-	3.3	14.5
7	Llandudno	bpc	bpc	44	61	-	2	2.4	7.7
	Colwyn Bay	bpc	bcpb	45	62	-	0.5	3.8	6.4
	Rhyl	bpc	bcpb	46	62	-	Trace	4.3	9.5
8	Wallasey	b	b	53	62	-	-	10.7	11.1
	Southport	b	b	49	64	-	-	10.3	11.1
	Blackpool	bcpb	bcpb	52	62	-	-	10.8	12.2
	Morecambe	bpc	bpc	*	62	-	-	12.8	*
9	Ilkley	b	b	44	67	-	-	10.5	5.7
	Harrogate	bcpb	bcpb	47	65	6	0.3	7.7	7.7
10	Berwick-on-T.	bpc	bcpb	45	58	1	0.6	7.8	6.1
11	Dunbar	bpc	bpc	47	59	-	-	5.6	12.5
12	Troon	bpc	bpc	50	58	1	-	1.6	13.5
	Douglas	b	b	47	58	-	-	0.1	8.0

† Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h.

# AIR MINISTRY, METEOROLOGICAL OFFICE.



## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd July, 1938.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd July, 1938.
1 S.E. England	Wind west light to moderate; cloudy or dull; occasional light rain or drizzle; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind west or westnorthwest moderate to fresh; cloudy with occasional rain or drizzle today; bright periods and showers tomorrow; rather cool.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Wind east to southeast becoming moderate; cloudy or dull; intermittent rain or drizzle; cool.
17 N.W. Ireland	
18 N.E. Ireland	As 4 - 15.
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2

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 south of Iceland is moving eastsoutheast. Weather will be cloudy or dull at first with occasional rain or drizzle followed by showers and bright periods.

### FURTHER OUTLOOK.

Rain probably spreading to western districts.

1100 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.  
Forecasts issued at Director.

Hours of  
Greenland,  
America and  
G.M.T.; U  
Asia), 1h. lo

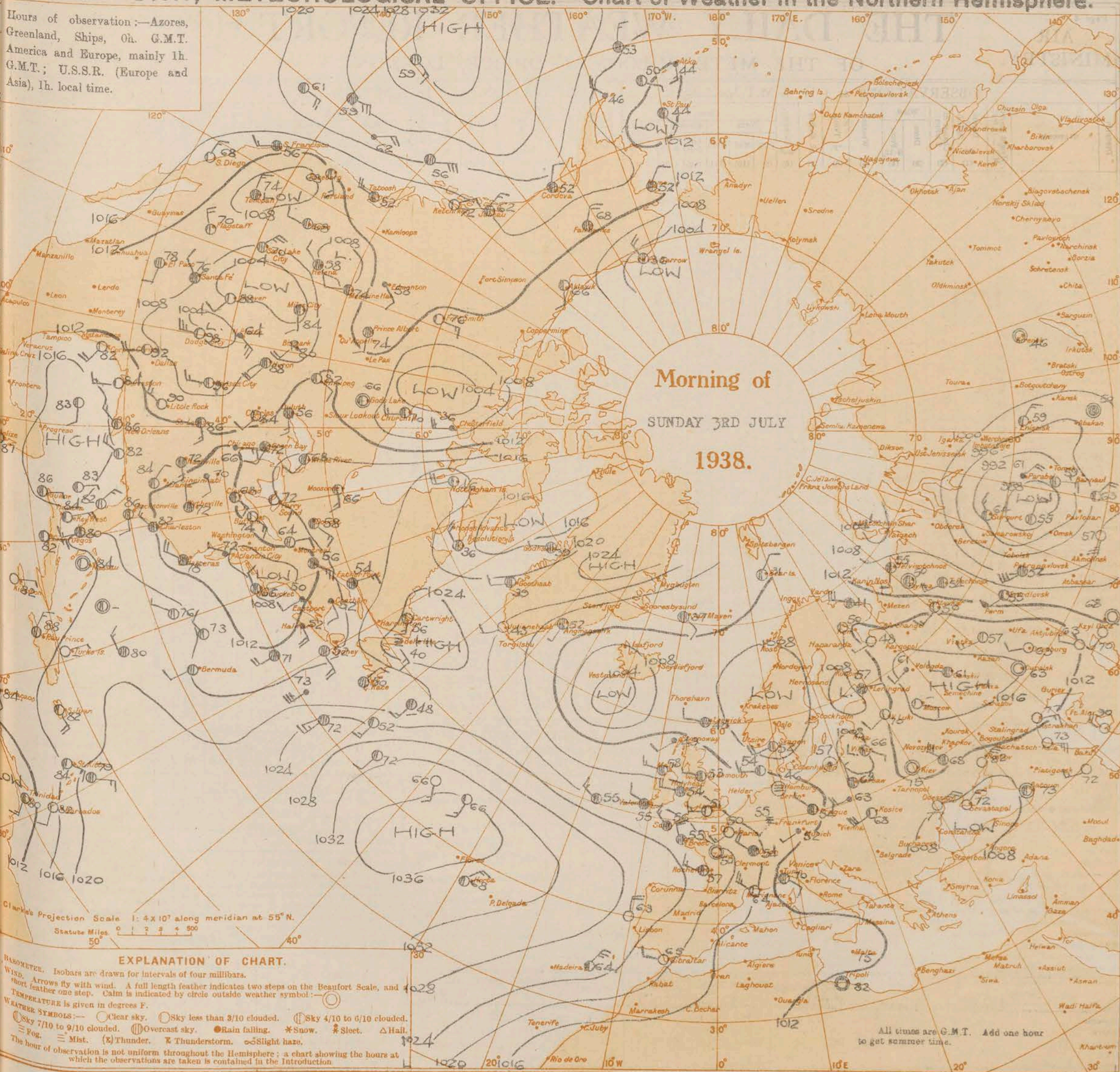
BAROMETER. Isobars  
WIND. Arrows fly  
short feather on  
TEMPERATURE is  
WEATHER SYMBOLS  
Sky 7/10 to 6  
Fog. 3  
The hour of obs



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

938.  
OW  
4° 1006  
2  
57°  
+2  
57°  
+10  
55°  
+6  
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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. 3rd July														OBSERVATIONS at 7 hr. G.M.T. 3rd July														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (6)	Temp. °F. (8)	Humid. % (7)	Visib. 0-9 (9)	Cloud. (10) (11) (12) (13)				Barom. at 7 hr. M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud. (23) (24) (25) (26) (27)				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE. (31) (32) (33)			RAINFALL. (34) (35)		Sun- shine 2nd Hrs. (36)			
					Form. (10)	Med. (11)					High (12)	Low 0-10 (13)	Form. (23)	Med. (24)			High (25)	Low 0-10 (26)					Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-12h mm. (34)	Night 12h-7h mm. (35)						
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1017.6	+8	SW	2	b	56	75	7	-	3	1	0	1	-	1	*	67	43	42	1	Tr	6.7		
	Croydon	217	1016.2	+6	W/S	3	b	51	32	7	-	1	0	Tr	-	W	2	bc	55	85	7	4	4	5	2-3	2-3	4000	1	*	68	48	43	4	4	7.1		
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1017.8	+10	NNW	2	c	55	85	8	5	3	-	1	3	5700	1	*	68	45	36	Tr	0.1	3.2		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1018.2	+8	NNW	2	c/d	54	32	8	5	7	-	3	3+	2500	1	*	68	46	43	3	Tr	8.7		
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1016.4	+10	NNW	2	c	56	85	8	5	4	-	3	3+	1500	0	1	70	48	45	-	-	10.0		
	Lympe	340	1016.2	-2	NW	3	z	52	85	6	5	-	3	3	5700	+10	NNW	3	z	54	85	6	1	4	1	Tr	2-3	2500	0	50	63	46	43	2	Tr	7.0	
	Manston	142	1015.7	+6	NNW	1	c	52	85	6	5	-	7-8	7-8	5700	+8	NNW	2	b	57	75	7	-	-	6	0	1	-	0	*	66	50	48	-	-	3.1	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1016.3	+12	N	2	bc	57	75	7	-	-	1	0	2-3	-	0	*	66	43	44	Tr	Tr	5.7		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1016.4	+12	N	1	z	55	75	6	-	3	5	0	2-3	-	0	2	66	52	47	-	-	5.3		
	Gorleston	5	1014.8	+4	W	2	bc	54	85	7	5	-	4-6	4-6	2500	+6	WN	2	c	54	85	6	-	3	-	0	3	-	0	1	65	48	46	0.4	-	7.0	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1016.2	+4	SW	2	z	55	32	6	5	-	3	3	4000	1	*	66	43	38	7	1	7.0			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1016.4	+2	SW	3	id.	53	32	7	5	7	-	7-8	10	2500	1	*	67	43	46	Tr	Tr	8.4		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1016.7	0	WSW	2	c	54	85	8	5	2	-	4-6	10	2500	0	*	66	52	47	-	-	3.4		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1017.2	+4	WS	2	c	53	85	8	5	1	-	7-8	10	4000	0	*	63	43	44	-	-	*		
4	Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	1017.2	0	SW	2	c	55	85	8	8	1	-	3+	10	2500	0	*	67	43	44	2	-	8.9		
5	Hartland Point	299	1016.4	+2	NW	3	c	56	85	9	8	-	7-8	7-8	1500	+6	NW	3	c	57	37	8	8	4	3	7-8	3	1500	0	2	64	55	54	-	-	11.8	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1018.1	+6	WSW	2	c	56	85	7	5	-	3+	3+	4000	0	*	67	48	46	Tr	0.1	10.6			
	Portland Bill	32	1017.5	+2	NW	3	bc	54	85	8	4	-	2-3	2-3	2500	+6	N	3	c	57	85	8	4	-	10	10	2500	0	3	62	51	51	0.6	Tr	*		
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1015.8	+6	N	2	c/pr	56	32	7	5	3	-	4-6	3	1500	0	2	64	51	51	0.6	Tr	10.6		
	The Lizard	240	1020.3	+4	NNW	2	c	54	32	8	4	6	-	4-6	7-8	2500	+10	WN	2	c	55	37	8	8	6	-	4-6	7-8	2500	0	1	62	51	51	0.6	Tr	10.3
	Scilly (St. Mary's)	163	1020.7	+2	NW	3	c	56	85	8	5	-	10	10	2500	+6	NNW	3	c	56	85	8	8	7	-	4-6	10	2500	0	2	63	55	55	0.6	Tr	11.3	
	Guernsey	175	1013.1	+6	NNW	2	bc	54	32	9	-	7	-	0	2-3	-	+10	WN	2	c	56	85	9	5	-	3	3	2500	0	1	64	53	43	-	-	15.3	
6	Pembroke	142	1018.7	+2	NNW	2	0	55	32	8	5	-	10	10	2500	+2	WSW	4	c	54	32	8	5	7	-	4-6	3+	2500	1	1	67	53	53	-	-	4.3	
7	Holyhead	26	1016.5	-2	WN	4	c	54	32	8	5	2	-	4-6	10	4000	-4	SW	3	c	55	85	8	7	7	-	7-8	10	1500	1	1	53	53	50	Tr	Tr	2.1
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1016.0	+4	NNW	3	c	56	75	8	5	1	-	7-8	3+	4000	1	*	64	53	52	-	0.1	10.6		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1015.5	+6	N	3	c/r	54	32	7	5	7	-	7-8	10	1500	1	*	64	52	50	-	1	3.3		
10	Spurn Head	28	1014.2	0	NNW	4	bc	54	75	7	5	-	4-6	4-6	2500	-2	W/S	4	c	55	85	7	5	-	10	10	4000	0	2	65	52	52	-	Tr	5.8		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1013.2	+2	NNW	2	c	55	85	8	5	-	3+	3+	2500	0	*	67	50	45	1	-	10.6			
	Tynemouth	108	1012.5	-2	W	1	c	53	85	7	5	-	3+	3+	2500	+4	W	3	c	55	75	7	8	-	3+	3+	1500	0	1	60	53	43	-	-	10.4		
11	St. Abbs Head	280	1012.2	-2	NNW	2	c	53	85	7	8	2	-	7-8	10	1500	0	NNW	3	c	53	75	8	5	2	-	7-8	10	1500	0	2	58	51	51	Tr	Tr	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1010.8	-2	WSW	2	c	54	85	9	1	3	7	Tr	10	2500	1	*	53	51	43	Tr	Tr	1.3		
12	Renfrew (Abbots)	19	*	*	*	*	*	*	*	*	*	*	*	1012.0	-4	SW	2	c	54	85	8	5	2	-	3	10	1500	0	*	61	51	50	Tr	Tr	1.8		
	Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1012.4	+2	SW	2	c	51	85	8	5	1	-	7-8	10	1500	1	*	53	49	48	0.4	-	4.3		
	Point of Ayre	30	1015.3	0	NNW	4	c	53	32	8	5	2	-	4-6	10	2500	-6	W	4	c	55	85	7	5	7	-	1	10	800	0	3	60	52	52	-	-	1.2
13A	Tires	22	*	*	*	*	*	*	*	*	*	*	*	1010.1	-10	WN	3	c	52	32	8	8	7	-	7-8	10	1500	1	3	56	50	43	Tr	1	0.0		
13B	Stornoway	80	1013.4	-6	WSW	2	id.	43	37	6	5	2	-	7-8	10	1500	-10	SSW	4	c/r	52	27	7	5	2	-	4-6	10	1500	1	2	54	48	48	0.2	1	0.0
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	1011.3	-3	SW	3	c	50	85	7	5	1	-	4-6	10	2500	0	*	56	48	46	0.2	-	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1010.6	-4	SSE	1	tr	52	32	6	7	2	-	3+	10	1500	1	1	56	50	43	Tr	0.4	0.0		
	Wick	81	1010.3	-6	NW	1	c	43	37	7	5	2	-	7-8	10	1500	-10	NW	1	c	50	37	8	5	7	-	7-8	10	1500	1	1	54	48	48	-	-	*
16	Lerwick	156	1009.5	-6	W	2	c/pr	48	32	7	8	2	-	7-8	10	800	-4	WSW	2	c	43	32	8	8	7	-	4-6	3	1500	1	*	54	47	47	Tr	Tr	0.2
17	Blackod Point	18	1015.6	-20	W	3	id	54	37	6	6	-	10	10	450	-6	W	4	c	54	85	8	5	-	3	3	800	0	3	60	51	51	Tr	1	*		
18	Malin Head</																																				



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

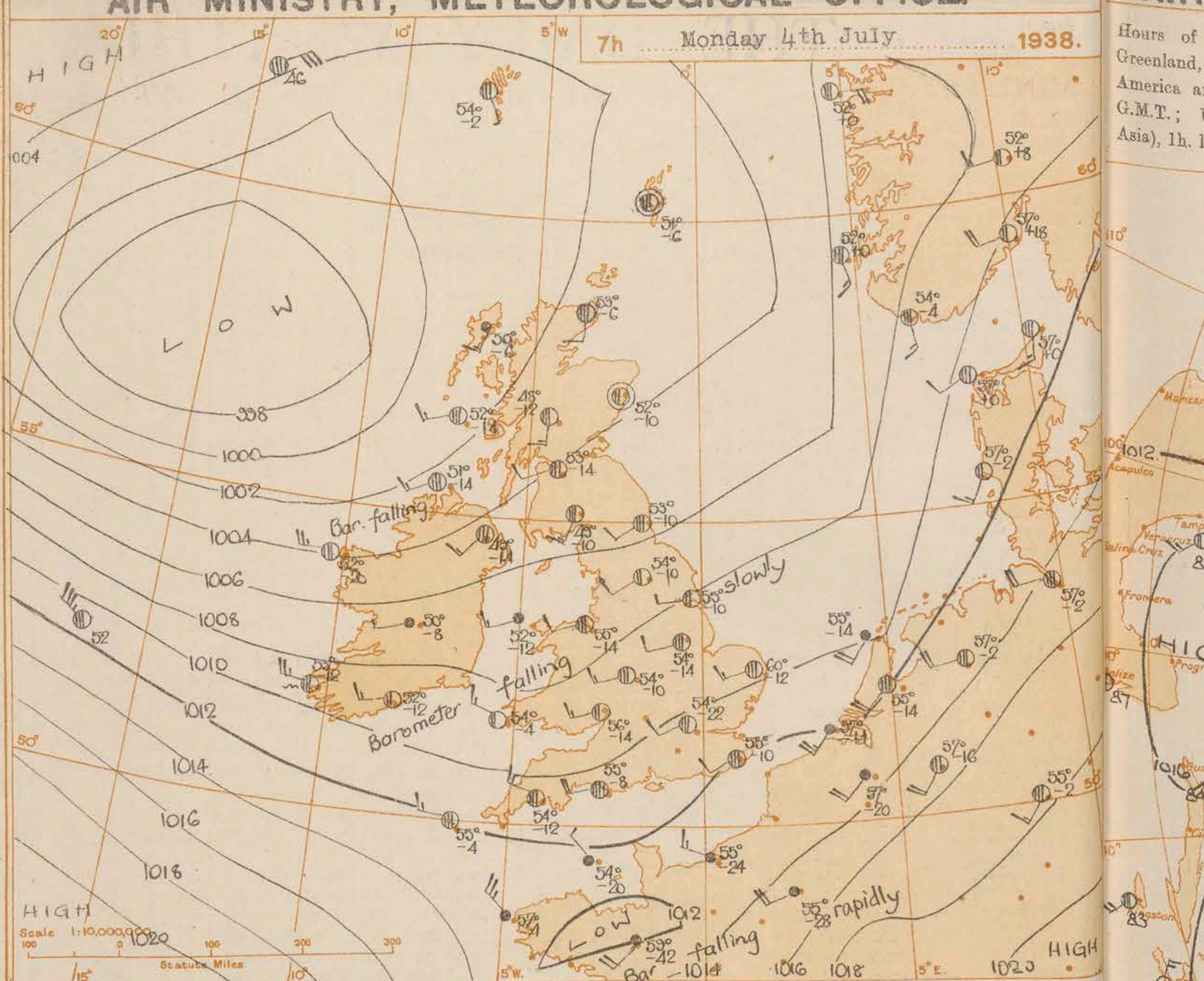
BRITISH SECTION  
Monday 4th July, 1958.  
No. 27983

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 3rd July														OBSERVATIONS at 18h. G.M.T. 3rd July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9



DISTRICTS	STATIONS	WEATHER		Temperature (°F.)		Rainfall (mm)		SUNSHINE (Hrs.)	
		Fore-noon	After-noon	Min. 9h. to 5h.	Max. 5h. to 9h.	Night 9h. to 5h.	Day 9h. to 5h.	Sunrise to 17h.	Sunset to 17h.
1	Tunbridge W.	bcc	o	44	64	3	Trace	5.4	6.8
	Bournemouth	cp.c	ccbc	51	66	-	Trace	1.5	11.5
	Ventnor	bor	rcbc	51	62	-	2	2.3	10.2
	Southsea	cp	epb	51	67	-	Trace	3.5	10.1
	Bognor Regis	bccc	chbc	49	63	-	Trace	5.3	8.3
	Littlehampton	bcc	cbe	47	62	-	-	5.1	7.1
	Worthing	bccc	cbcb	49	64	5	-	5.6	7.7
	Brighton	bcode	cb	51	63	-	Trace	5.4	8.0
	Eastbourne	bbec	oc	51	62	5	-	5.7	6.9
	Hastings	bbec	oebce	49	63	1	-	5.9	6.0
	Folkestone	coc	cbc	49	64	-	-	5.7	7.8
	Dover	bccr	ebc	49	62	Trace	Trace	4.6	4.5
2	Deal	bcc	bccb	50	70	-	-	3.2	7.9
	Ramsgate	bco	oc	54	64	-	-	4.9	10.8
	Margate	bcc	c	54	65	-	-	4.7	10.0
	Southend	bcc	c	50	68	0.3	-	5.2	5.5
	Clacton-on-Sea	bcc	cp.c	50	65	-	Trace	3.7	7.3
	Dovercourt	bcc	bccp	51	64	-	Trace	4.1	8.7
	Lowestoft	c	c	46	64	-	-	0.4	4.7
	Skegness	oco	ocpc	46	65	-	Trace	0.1	4.4
	Mablethorpe	o	c	47	65	1	-	0.4	3.7
	Cleethorpe	cr.c	cbe	49	65	0.5	Trace	0.8	4.2
	Leamington S.	c	cp	50	67	-	0.3	1.0	7.4
	Cheltenham	c	c	50	65	-	-	1.1	9.0
3	Bath	cbc	bcc	51	66	-	-	2.5	10.0
	Weymouth	c	cb	56	61	-	-	1.8	11.7
	Jersey	bcc	c	54	61	-	-	1.2	14.1
	Torquay	c	cv	52	63	-	-	1.6	10.2
	Falmouth	c	c	53	62	-	-	0.4	8.2
	Penzance	cp.	cdcbc	54	63	-	Trace	1.8	9.7
	St. Ives	c	c	48	64	-	Trace	1.8	9.6
	Bude	c	cp.c	57	60	-	Trace	0.5	12.7
	Ilfracombe	bcc	epbc	56	61	-	Trace	2.4	9.5
	Aberystwyth	pr.c	bcc	53	59	0.5	-	0.8	3.6
	Llandudno	c	crbc	53	61	-	0.6	2.4	2.7
	Golwyn Bay	c	epbeb	53	64	-	0.5	3.2	4.2
4	Rhyl	mdcprbc	54	62	Trace	0.3	1.8	4.6	
	Wallassey	cp	pcbc	53	61	1	-	2.5	12.2
	Southport	c	berb	54	61	-	-	2.2	11.6
	Blackpool	oid.	pdcbc	53	60	-	1	2.3	12.0
	Morecambe	c	rpbbc	54	60	-	1	2.3	14.8
	Ilkley	coc	pc	49	61	-	0.2	0.2	12.2
	Harrogate	c	epcbc	49	60	-	0.2	0.7	9.3
	Berwick-on-T.	cor.	orbc	52	61	Trace	1	1.9	7.8
	Dunbar	cm.	cmr.	51	62	-	3	1.9	3.6
	Troon	coebc	bcbcc	52	58	-	-	2.1	1.9
	Douglas	epr	bc	50	61	-	1	3.4	0.7

Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th July, 1938.

1 S.E. England	Wind west, moderate, rather squally; showers, with local thunderstorms in afternoon; some bright periods; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind west fresh, rather squally; bright periods, showers; rather cool.
6 South Wales	
7 North Wales	
8 N.W. England	Wind southwest to west, moderate to fresh, rather squally; showers, heavy locally, perhaps with thunder; cool.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	Wind southerly to variable, light to moderate; mainly cloudy; showers, heavy locally; a chance of local thunder; cool.
13 { A.W. Scotl'd. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Wind southeast, light to moderate; cloudy, occasional rain; cool.
16 Orkney and Shetland	
17 N.W. Ireland	Wind west to northwest, fresh, squally, strong locally on coast; mainly cloudy; showery; chance of a little local thunder; cool.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway W.C.2.

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 west of the Hebrides is moving slowly southeast. Weather will be cool and showery, the showers being heavy in places and accompanied by thunder locally.

## FURTHER OUTLOOK.

Cool and showery with local thunder.

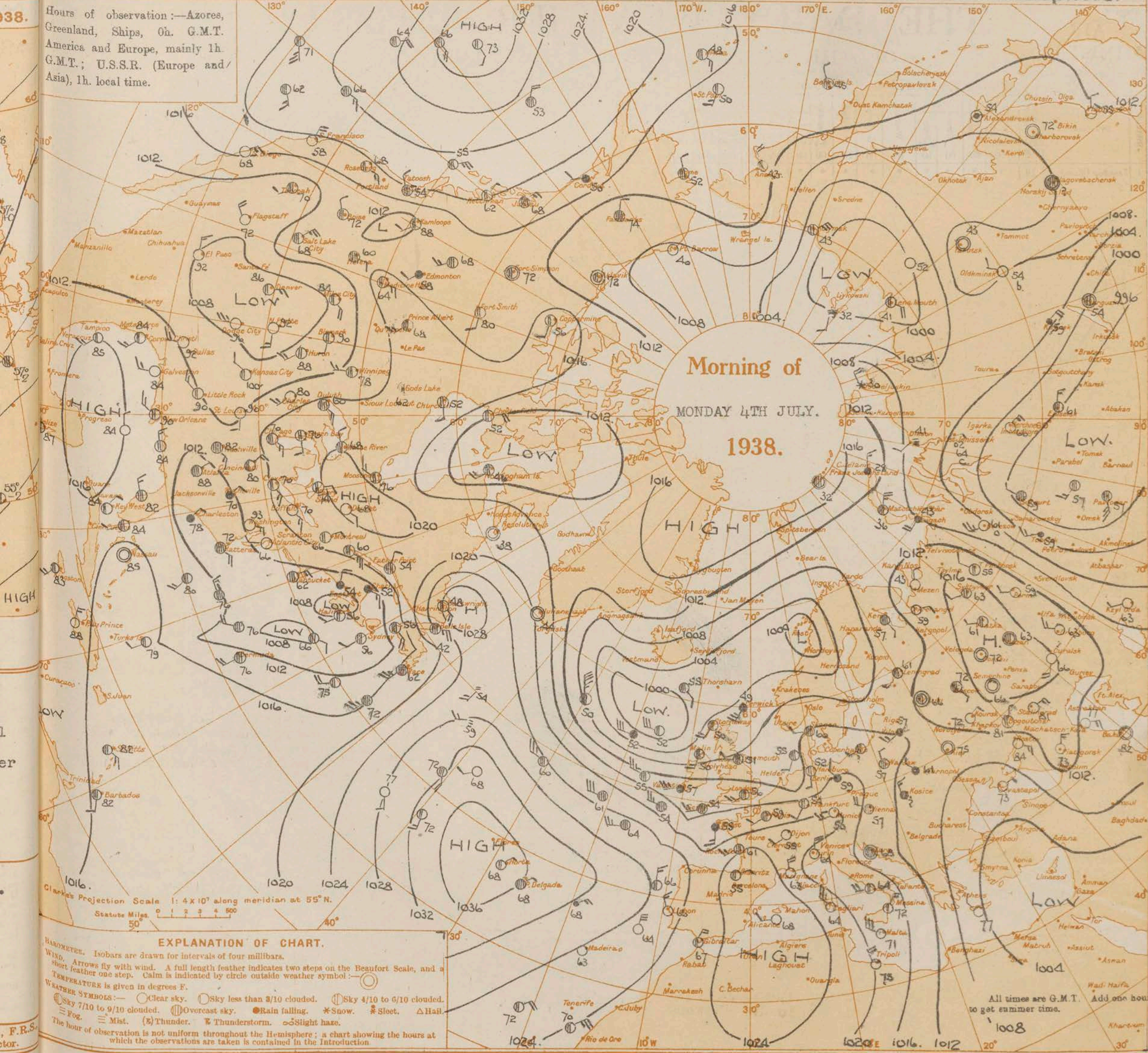
Forecasts issued at 0940 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.



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

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

38.



F.R.S.  
Director.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 4th July, 1938.  
No. 27983

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 station in in. Hg.	Change in 3 hours.	Wind.		Weather.	Temp. in °F.	°C.	Humid. %	Visibility in miles.	Cloud.				Barom. at station in in. Hg.	Change in 3 hours.	Wind.		Weather.	Temp. in °F.	°C.	Humid. %	Visibility in miles.	Cloud.				Barom. at station in in. Hg.	Change in 3 hours.	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sunshine in Hrs.
					Direc.	Force.						Form.	Amount.		Height of Base (feet).			Form.	Amount.						Height of Base (feet).	Max. Day 7h-12h °F.	Min. Night 12h-7h °F.	Min. on Grass °F.					Day 7h-12h mm.	Night 12h-7h mm.				
													Low.	Med.					High.																Low.	Med.	High.	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1010.0	-16	SW	2	C	57	75	7	5	7	4	46	5	4000	1	*	68	53	50	-	-	3.5			
	Croydon	217	1014.1	-18	SW	3	C	56	85	8	5	-	9	9	1500	1010.5	-22	SW	2	C	54	85	8	8	7	4	46	9	7200	1	*	67	53	50	-	-	5.2	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1010.0	-18	WSW	3	C	55	85	8	8	7	4	46	9	4000	0	*	67	49	43	Tr	-	2.6			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1010.2	-18	WSW	3	C	53	85	8	8	7	4	46	9	1500	0	*	65	49	48	Tr	-	1.2			
	Calshot (Shtn.)	8	5	*	*	*	*	*	*	*	*	*	*	1011.4	-18	WSW	2	C	56	85	8	7	4	46	9	1500	0	1	67	54	52	0.4	Tr	3.6				
	Lymington	346	1014.4	-20	SW	3	C	55	92	2	5	2	9	10	800	1012.1	-10	SW	2	C	53	97	7	5	2	-	4.6	10	800	1	53	63	52	51	-	9	4.6	
	Manston	142	1014.6	-14	SW	3	C	55	92	7	-	7	8	-	7.8	1010.8	-10	SWW	3	C	55	85	7	5	2	-	2.3	10	800	1	*	67	50	50	-	1	6.2	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1010.3	-8	WSW	2	Z	56	85	6	5	7	-	2.3	10	2500	0	*	66	55	50	-	-	5.8			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1010.5	-12	SW	3	C	56	75	7	2	7	-	1	10	2500	0	1	65	55	53	0.5	-	5.0			
	Gorleston	5	1012.2	-14	SW	3	C	56	85	7	5	-	7.8	7.8	2500	1009.3	-12	SW	3	C	60	65	6	8	7	-	10	10	2500	0	2	64	54	53	0.1	-	1.6	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1009.0	-14	SW	3	C	55	85	7	7	3	-	2.3	4.6	1500	1	*	66	52	48	0.1	-	2.4			
	Granwell	240	*	*	*	*	*	*	*	*	*	*	*	1008.3	-14	WS	2	C	54	92	6	5	-	-	9	5	5700	1	*	65	51	49	Tr	1	1.8			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1009.0	-10	WSW	3	C	54	85	8	7	7	-	4.6	7.8	1500	1	*	64	50	48	2	2	1.6			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1009.9	-12	SW	3	C	53	85	7	5	3	-	9	9	450	0	*	66	48	44	Tr	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1009.9	-14	WSW	3	C	56	75	8	2	-	2	4.6	4.6	4000	0	*	64	52	50	-	-	1.8			
5	Hardland Point	299	1013.0	-18	W	5	C	56	85	8	6	1	2	4.6	9	1500	1009.4	-22	WSW	3	C	57	85	8	3	4	1	4.6	7.8	1500	1	2	58	53	51	0.5	0.1	1.1
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1009.9	-14	SW	3	C	53	92	7	9	3	-	9	9	800	0	*	66	51	49	0.6	0.4	2.8			
	Portland Bill	32	1014.2	-6	W	5	C	56	85	8	5	-	-	4.6	9	2500	1010.5	-8	WSW	4	C	55	85	7	5	-	10	10	1500	0	3	58	54	*	-	2	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1010.8	-12	WSW	3	C	54	97	6	5	7	-	7.8	9	1500	0	2	60	54	53	Tr	Tr	0.8			
	The Lizard	240	1015.0	-20	WSW	2	rr	54	97	6	5	-	-	10	10	1500	1011.1	-10	WN	3	C	55	97	8	8	6	-	4.6	4.6	2500	1	2	60	52	*	Tr	3	1.3
	Scilly (St. Mary's)	163	1014.5	-26	WS	3	C	54	97	8	7	-	-	4.6	10	1500	1012.1	-4	WN	3	C	55	92	8	9	8	-	4.6	9	1500	1	2	62	53	*	Tr	8.10	2.1
	Guernsey	175	1017.1	-20	W	2	C	55	97	6	8	-	-	10	10	2500	1012.3	-20	NW	1	rr	54	97	4	5	-	10	10	800	1	3	63	53	54	-	13	1.1	
6	Pembroke	142	1012.1	-12	WSW	6	g	54	92	7	8	6	-	4.6	7.8	2500	1008.8	-4	NW	3	C	54	92	8	8	-	4.6	4.6	2500	1	2	58	53	*	0.5	1	1.6	
7	Holyhead	26	1010.0	-10	WSW	2	C	53	85	8	5	-	6	1	9	2500	1007.1	-12	WSW	3	C	52	85	8	9	8	-	7.8	9	2500	1	1	62	51	48	Tr	0.2	5.0
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1007.7	-14	WSW	2	C	55	75	7	5	-	-	7.8	7.8	4000	0	*	62	50	47	0.1	Tr	2.3			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1007.6	-6	SW	2	C	50	92	7	8	3	-	4.6	7.8	2500	1	*	61	49	46	2	1	2.5			
10	Spurn Head	29	1010.5	-8	SWW	2	C/pr	54	92	7	5	-	-	9	9	1500	1008.7	-10	WSW	1	C	55	85	6	-	0	4.6	-	1	1	65	52	*	2	1	1.5		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1006.2	-10	SW	2	C	54	75	8	8	4	-	2.3	4.6	2500	1	*	62	47	43	0.2	1	3.8			
	Tynemouth	108	1007.9	-8	W	2	C	51	85	7	8	-	-	9	9	1500	1005.8	-10	SW	2	C	53	75	5	-	9	9	2500	1	1	63	49	47	7	-	1.5		
11	St. Abbs Head	280	1006.7	-10	SW	4	C	47	85	9	4	6	9	2.3	4.6	2500	1005.1	-12	WSW	3	C	50	75	8	8	6	9	2.3	4.6	2500	0	2	59	45	*	2	-	*
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	1004.1	-10	WSW	2	C	51	85	6	8	3	-	4.6	4.6	2500	1	*	65	42	32	Tr	-	4.4			
12	Bentley (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1004.5	-14	SW	2	C	53	85	8	3	3	-	4.6	7.8	2500	0	*	61	45	41	0.1	Tr	4.3			
	Bakdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1004.9	-10	SW	3	C	49	85	7	5	3	-	9	9	1500	1	*	59	40	36	5	0.2	3.0			
	Point of Ayre	30	1002.9	-10	W	3	C	52	92	8	8	7	-	7.8	9	1500	1005.9	-16	WNW	4	C	54	85	8	7	-	7.8	9	1500	1	2	64	48	*	0.3	1	4.7	
13A	Treow	22	*	*	*	*	*	*	*	*	*	*	*	1001.6	-14	WSW	3	C/pr	52	85	8	3	7	-	4.6	10	1500	1	3	57	49	46	1	3	2.9			
13B	Stornoway	80	1005.3	-14	SSW	4	C	50	85	8	5	7	-	4.6	9	1500																						



DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 4th July														OBSERVATIONS at 18h. G.M.T. 4th July														PAST 24 HOURS.																							
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						State of Ground. 0-9	Sea. 0-9	WINDS.																					
				Dir.	Force					Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.			Amount.	Height of Base (feet)					Dir.	Force	Form.	Amount.	Height of Base (feet)	7h.—13h. 4th			13h.—18h. 4th	18h.—4th 5th	4th 5th																			
																																			Low	Med.	High	Low	Total	Low	Med.	High	Low	Total	Low	Med.	High	Low	Total	7h.—13h. 4th	13h.—18h. 4th	18h.—4th 5th	4th 5th
(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)	1006.3	-16	SSW	4	C	64	55	8	8	-	1	7-8	9	2500	1003.8	-12	SSW	4	C	64	55	8	8	-	1	7-8	7-8	2500	1	*	cy	cy	bc	c																		
	Croydon	1007.1	-16	SW	3	C	59	55	8	2	6	-	4-6	9	4000	1004.9	-6	SSW	4	C	56	75	9	3	6	3	4-6	9	4000	1	*	cy	cy	cy	bc																		
	S. Eamborough	1006.0	-18	W'S	3	C	64	55	8	8	4	-	7-8	7-8	4000	1004.4	-6	W'N	5	C	61	45	8	8	6	3	4-6	7-8	4000	1	*	cy	cy	bc	bc																		
	Boscombe Down	1006.5	-14	WSW	4	C	59	75	8	8	-	-	7-8	7-8	2500	1004.9	-6	W'N	4	C	59	65	8	8	7	-	7-8	7-8	2500	0	*	cy	cy	bc	bc																		
	Calshot (Stmntn.)	1006.3	-12	SW'S	5	bcjp	63	75	7	8	-	-	2-3	2-3	2500	1007.0	+2	WSW	3	ig	57	75	8	6	7	-	7-8	9	2500	1	2	cy	cy	bc	bc																		
	Lymington	1007.9	-22	SW	4	C	60	55	8	2	-	-	7-8	7-8	1500	1005.8	-14	SWW	3	bc	57	75	8	4	6	-	4-6	4-6	5700	0	5	cy	cy	bc	bc																		
	Manston	1006.4	-24	SSW	3	C	64	65	7	5	7	-	4-6	7-8	2500	1004.5	-8	SW	3	C	59	75	7	8	7	-	4-6	7-8	2500	1	*	cy	cy	bc	bc																		
2	Shoeburyness	1006.4	-20	SW'S	3	C	67	55	8	8	-	-	7-8	7-8	4000	1004.5	-8	SSW	4	C	60	85	8	9	3	3	4-6	7-8	2500	0	*	cmcy	cmcy	bc	c																		
	Peixatowe	1006.2	-22	S'E	4	bc	60	65	8	2	-	-	4-6	4-6	2500	1003.8	-2	SSE	3	C	59	85	8	8	7	1	4-6	7-8	2500	1	2	cmcy	cmcy	bc	bc																		
	Gorleston	1004.5	-24	S	5	C	64	55	6	2	-	-	7-8	7-8	2500	1003.0	-2	-	0	56	85	6	6	-	-	3+	3+	1500	1	2	cmcy	cmcy	bc	bc																			
	Mildenhall	1004.7	-22	WSW	3	C	63	45	8	2	-	-	7-8	7-8	4000	1002.3	-10	W'N	4	C	59	75	8	8	8	-	4-6	4-6	4000	1	*	cmcy	cmcy	bc	bc																		
	Cranwell	1004.9	-14	NNW	3	C	58	75	7	8	4	-	4-6	7-8	2500	1002.2	-10	NNW	2	C	61	55	7	3	7	6	2-3	4-6	2500	1	*	cmcy	cmcy	bc	bc																		
3	Birmingham	1004.7	-10	NNW	3	bc	59	55	8	7	-	-	4-6	4-6	2500	1003.1	-10	WSW	3	C	52	75	8	8	7	-	7-8	9+	1500	1	*	cmcy	cmcy	bc	bc																		
4	Upper Hayford	1006.1	-14	WSW	3	C	58	65	9	5	7	-	7-8	9	1500	1003.7	-10	W'S	5	C	61	55	9	8	4	9	4-6	7-8	2500	0	*	cmcy	cmcy	bc	bc																		
	Ross-on-Wye	1005.9	-12	W'S	3	C	59	65	8	8	-	-	7-8	7-8	4000	1003.9	-6	WSW	4	C	56	65	8	8	-	2	4-6	7-8	4000	0	*	cmcy	cmcy	bc	bc																		
5	Hartland Point	1007.7	-10	NN	4	bc	57	75	8	6	2	-	4-6	4-6	1500	1005.3	-14	NNW	4	C	55	75	8	6	3	2	4-6	7-8	1500	1	3	cmcy	cmcy	bc	c																		
	Bristol	1007.0	-10	N	5	bc	62	45	8	1	-	-	4-6	4-6	4000	1005.0	-14	N	5	C	58	55	8	8	-	4	4-6	4-6	2500	1	*	cmcy	cmcy	bc	c																		
	Portland Bill	1008.1	-8	N	5	C	57	85	7	5	4	-	4-6	7-8	2500	1006.8	-20	WSW	5	C	58	85	8	5	4	-	4-6	7-8	2500	0	4	cmcy	cmcy	bc	bc																		
	Plymouth	1009.0	-6	W'N	4	bc	61	55	8	8	7	-	4-6	4-6	2500	1007.0	-16	WSW	4	C	57	65	8	8	-	4	7-8	7-8	2500	1	3	cmcy	cmcy	bc	bc																		
	The Lizard	1009.9	-4	N	4	bc	61	65	8	8	6	-	2-3	4-6	2500	1008.5	-10	W'S	5	C	56	75	8	8	6	-	4-6	7-8	2500	1	3	cmcy	cmcy	bc	bc																		
	Scilly (St. Mary's)	1010.2	-10	N	5	bc	61	55	8	8	7	-	2-3	4-6	2500	1007.7	-16	W'N	6	C	57	75	8	8	6	-	4-6	4-6	1500	0	3	cmcy	cmcy	bc	bc																		
	Guernsey	1011.0	-6	N	5	bc	61	75	8	1	7	1	2-3	4-6	2500	1009.9	-18	N	4	bc	59	75	7	1	3	-	4-6	4-6	2500	1	3	cmcy	cmcy	bc	bc																		
6	Pembroke	1006.6	-12	WSW	6	C	56	75	8	8	6	4	4-6	7-8	2500	1004.0	-12	WSW	7	C	55	75	7	8	-	-	3+	3+	1500	1	3	cmcy	cmcy	bc	bc																		
7	Holyhead	1003.8	-16	SW'S	4	C	57	75	9	2	6	6	4-6	9	4000	1001.2	-14	SWW	4	pr	53	65	8	9	-	8	4-6	3+	4000	0	2	cmcy	cmcy	bc	bc																		
8	Chester (Sealand)	1004.2	-16	NW	3	C	59	65	8	8	7	-	7-8	9	2500	1002.1	-14	N	3	C	59	55	8	8	-	7	7-8	9	2500	0	*	cmcy	cmcy	bc	bc																		
	Manchester	1003.3	-20	N	3	pr	57	65	7	8	3	-	7-8	9	2500	1002.1	-12	W'S	3	C	56	75	8	8	7	-	7-8	9	4000	1	*	cmcy	cmcy	bc	bc																		
10	Spurn Head	1004.2	-16	N'W	2	C	57	85	6	9	-	-	3+	9+	800	1002.0	-16	SSE	2	pr	56	85	6	5	-	-	9+	9+	1500	1	1	cmcy	cmcy	bc	bc																		
	Catterick	1003.4	-12	SWW	2	pr	55	75	9	6	3	3	7-8	9	2500	1000.8	-12	SWW	3	C	58	55	8	3	-	6	2-3	7-8	2500	0	*	cmcy	cmcy	bc	bc																		
	Tynemouth	1003.1	-14	SSE	2	bc	56	85	6	2	8	-	4-6	4-6	1500	1001.8	-8	E	2	C	53	75	7	2	6	-	4-6	7-8	1500	1	1	cmcy	cmcy	bc	bc																		
11	St. Abbs Head	1002.6	-2	SE	3	C	55	85	9	8	6	-	4-6	7-8	1500	1000.5	-8	SSE	3	C	53	85	9	3	6	1	4-6	7-8	1500	0	2	cmcy	cmcy	bc	c																		
12	Leuchars	1001.5	-18	SSW	3	C	53	55	8	3	3	-	7-8	9	2500	1000.0	-10	SSW	1	C	57	65	8	5	7	-	4-6	7-8	2500	0	*	cmcy	cmcy	bc	c																		
	Renfrew (Abbots I.)	1001.6	-10	SW	3	C	60	65	9	3	3	-	4-6	7-8	4000	999.8	-8	SWW	2	C	58	65	9	6	3	4-6	9+	4000	0	*	cmcy	cmcy	bc	c																			
	Eske Dalemuir	1002.0	-8	SE'S	2	pr	52	85	7	8	-	-	3+	3+	1500	1000.6	-10	NNW	3	C	51	75	8	8	4	-	4-6	7-8	2500	1	*	cmcy	cmcy	bc	c																		
	Point of Ayre...	1002.9	-12	N	4	bc	63	55	8	2	-	6	1	4-6	2500	1000.5	-12	W'S	3	C	60	65	8	2	-	2	1	7-8	2500	0	5	cmcy	cmcy	bc	c																		
13	Tiree	1000.0	-8	SW'S	3	C	55	75	8	2	7	2	4-6	9	1500	999.5	-4	SSE	2	C	55	85	9	8	4	1	4-6	7-8	2500	0	3	cmcy	cmcy	bc	c																		
14	Stornoway	1002.8	0	S	4	C	56	85	9	5	9	9	2-3	7-8	2500	1002.8	0	-	0	C	52	85	9	8	7	-	7-8	9	1500	1	3	cmcy	cmcy	bc	c																		
15	Dalwhinnie	1001.5	-12	SW	4	C	53	65	6	5	6	5	4-6	10	4000	+	0	E	1	C	51	75	7	5	2	-	7-8	10	2500	1	*	cmcy	cmcy	bc	c																		
	Aberdeen	1001.4	-8	SE	3	bc	57	65	7	8	-	3	4-6	4-6	2500	1000.7	-10	SE	3	bc	54	75	6	2	7	3	1	2-3	2500	1	1	cmcy	cmcy	bc	c																		
	Wick	1001.2	-2	SE	3	bc	56	75	8	7	7	1	2-3	4-6	2500	1000.7	-6	SE	2	bc	53	92	8	7	7	1	2-3	4-6	2500	1	1	cmcy	cmcy	bc	c																		
16	Lerwick	1002.7	-2	-	0	C	52	92	8	8	7	-	7-8	9	1500	1002.4	-4	S	1	C	55	85	8	8	7	-	4-6	7-8	1500	1	*	cmcy	cmcy	bc	c																		
17	Blackod Point	999.9	0	N	5	bc	57	85	8	3	-	4	2-3	4-6	800	998.4	-12	NNW	4	C	54	92	8	3	-	-	9	9	800	1	3	cmcy	cmcy	bc	c																		
18	Malin Head	1004.4	-10	S	3	C	53	85	7	6	-	8	4-6	7-8	2500	998.6	-10	NE'E	2	C	54	85	7	2	-	6	4-6	7-8	2500	1	3	cmcy	cmcy	bc	c																		
	Aldergrove	1001.8	-10	W'S	4	pr	55	65	8	3	-	3	9	9+	1500	999.4	-14	S	2	C	50	92	8	3	-	8	4-6	9+	2500	1	*	cmcy	cmcy	bc	c																		
19	Birr Castle	1003.7	+	WSW	2	pr	54	85	8	3	7	-	4-6	9	1500	1000.1	-20	WSW	3	C	54	85	8	3	7	-	4-6	9	800	1	*	cmcy	cmcy	bc	c																		
20	Valentia Obay.†	1006.6	-16	W'S	6	C	57	75	8	5	-	-	3+	9+	1300	1002.8	-24	W'N	3	C	56	85	8	8	7	-	9	9+	1500	1	4	cmcy	cmcy	bc	c																		
	Bochee Point	1006.0	-14	N	3	C	57	75	8	3	-	3	4-6	7-8																																							

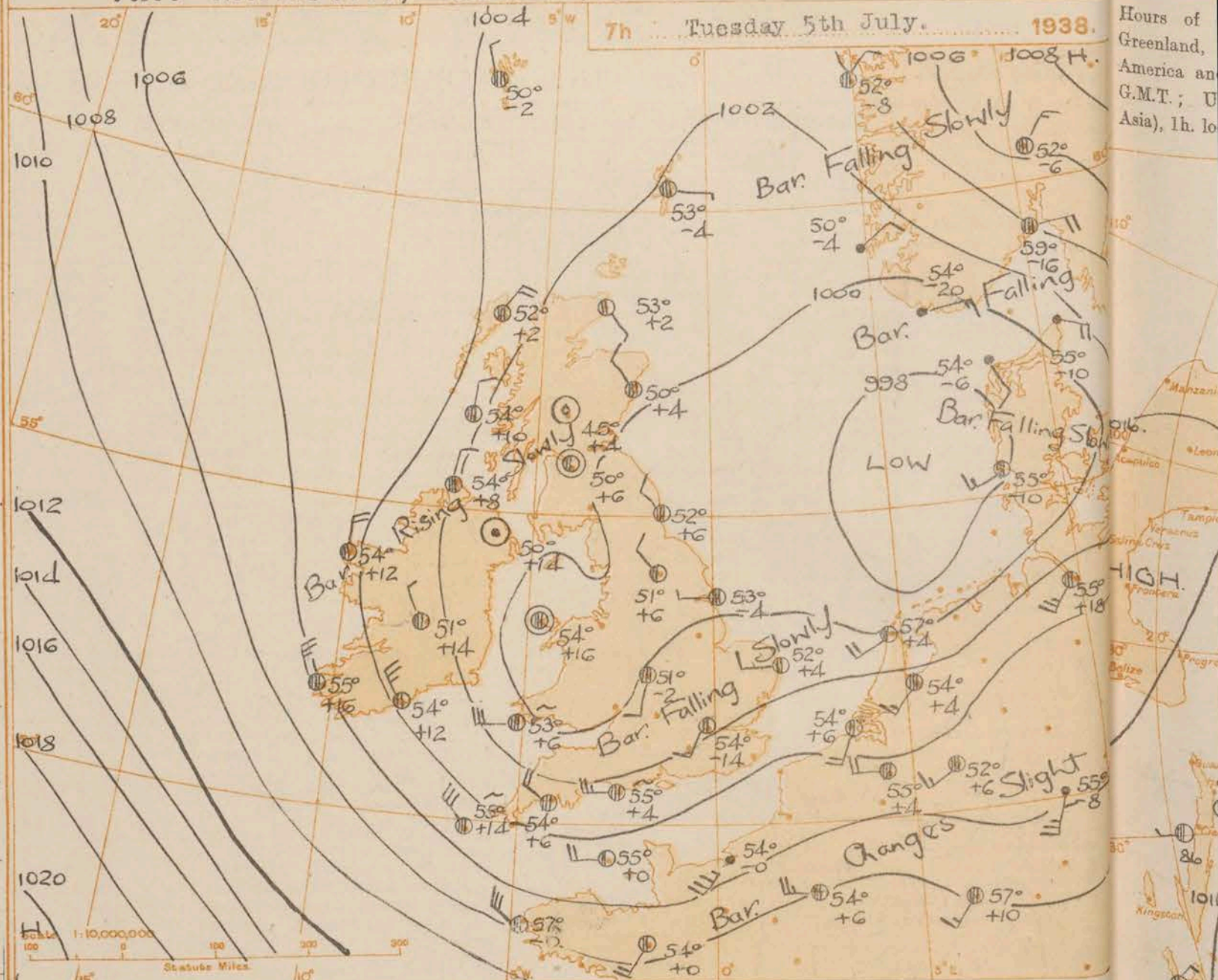


# REPORTS from HEALTH RESORTS for 4th July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. 3rd. to 9h. 4th.	Max. 9h. 17h. 4th.	Night. 17h. 3rd. to 9h. 4th.	Day. 9h. 17h. 4th.	Sunrise to 17h. 4th.	Sunrise to Sunset. 3rd.
1	Tunbridge W.	cbe	cpbc	52	65	1	0.3	4.0	6.3
	Bournemouth	cbe	pp	54	67	1	Trace	6.3	2.2
	Ventnor	b	pobc	53	61	1	Trace	7.4	2.3
	Southsea	bepbc	b	55	66	1	Trace	7.0	4.3
	Bognor Regis	abc	bcb	55	62	Trace	-	7.4	6.1
	Littlehampton	cbe	b	54	62	1	-	7.5	7.1
	Worthing	obcb	b	50	64	2	-	7.0	7.4
	Brighton	cb	b	55	61	1	-	6.4	6.2
	Eastbourne	rcbc	bcb	55	61	5	0.1	5.9	6.4
	Hastings	oroc	bc	54	61	3	0.3	4.7	6.4
	Folkestone	oror	orcbc	50	61	4	0.5	3.9	6.0
	Dover	roc	cpbc	55	61	4	0.5	3.9	4.3
	Deal	cb	bcccb	54	63	4.5	4.1	3.5	8.7
	Ramsgate	opc	cpbc	56	62	4	Trace	2.3	6.0
	Margate	cd	bcc	54	64	Trace	Trace	1.6	6.0
2	Southend	c	cirgc	55	61	1	2	5.0	5.4
	Clacton-on-Sea	bc	bccpr	55	63	1	1	5.7	4.0
	Dovercourt	obc	bcbir	57	65	1	2	6.1	4.6
	Lowestoft	cbcc	ccpr	53	65	0.1	1	5.4	1.1
	Skegness	bcr	bcbir	50	62	1	9	3.7	1.4
	Mablethorpe	bc	cbirbc	51	65	3	4	6.0	1.4
	Cleethorpe	cbe	crbc	50	66	1	2	5.1	1.8
3	Leamington S.	cpc	cpc	50	64	3	1	6.0	1.0
4	Cheltenham	corc	cbe	52	64	Trace	0.3	6.9	1.6
5	Bath	bcb	bcc	53	64	1	1	7.0	2.7
	Weymouth	dc	bcb	54	61	1	1	5.4	2.3
	Jersey	rrcbc	bcp	55	61	17	0.2	4.2	1.2
	Torquay	cpbc	beyq	54	65	1	0.1	6.8	1.6
	Falmouth	b	cprc	53	65	0.6	1	8.5	1.0
	Penzance	rcbp	bcbp	54	63	0.5	1	9.6	1.9
	St. Ives	b	pr	45	63	1	2	7.5	3.1
	Bude	rcbc	bcbcb	55	60	0.5	1	5.8	0.8
	Ilfracombe	cbe	cpbc	55	59	1	0.4	8.2	2.8
6	Aberystwyth	bcc	bcc	55	57	1	1	8.1	1.5
7	Llandudno	cbe	bcc	52	60	0.6	1	5.2	3.1
	Colwyn Bay	pbc	bcc	50	61	3	3	5.5	3.6
	Rhyl	cprbc	cprc	50	60	3	3	2.9	2.6
8	Wallasey	pcbc	irc	51	59	Trace	4	3.4	4.1
	Southport	cpbc	bccp	52	61	1	1	6.9	3.7
	Blackpool	cp	Pbcc	48	59	1	1	7.4	3.7
	Morecambe	bccbc	bcc	52	60	1	1	7.4	3.8
9	Ilkley	b	cpbc	48	62	0.2	Trace	4.3	1.4
	Harrogate	bcc	bccp	48	60	1	5	5.6	2.9
10	Berwick-on-T.	cp	cpbc	44	59	1	5	4.5	3.7
11	Dunbar	c	cpr	45	58	1	8	3.6	3.2
12	Troon	cbe	bcbcb	51	58	Trace	1	8.4	2.8
	Douglas	bc	bc	49	57	0.5	1	7.1	4.7

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

## AIR MINISTRY, METEOROLOGICAL OFFICE.



### DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th July, 1938.

1 S.E. England	Wind west, moderate, more variable later; frequent showers; thunderstorms in most places; brighter periods; local early morning fog; cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind northwest, fresh at times on the coast; showers, heavy locally with thunder; bright periods; cool.
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	Wind variable, light; frequent showers; thunderstorms in many places; brighter intervals; early morning fog locally; cool.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Wind variable to easterly, light; considerable bright periods; perhaps a few showers; cool.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

As 4 - 8.

H.M. Stationery Office Press, Kingston, N.C.2

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 low pressure area covers the North Sea, the British Isles, and the Northwest Atlantic. Weather will be very showery and cool with frequent showers by day, and thunderstorms in many places.

#### FURTHER OUTLOOK.

No indications of any important change.

Forecasts issued at 0940 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.

## AIR

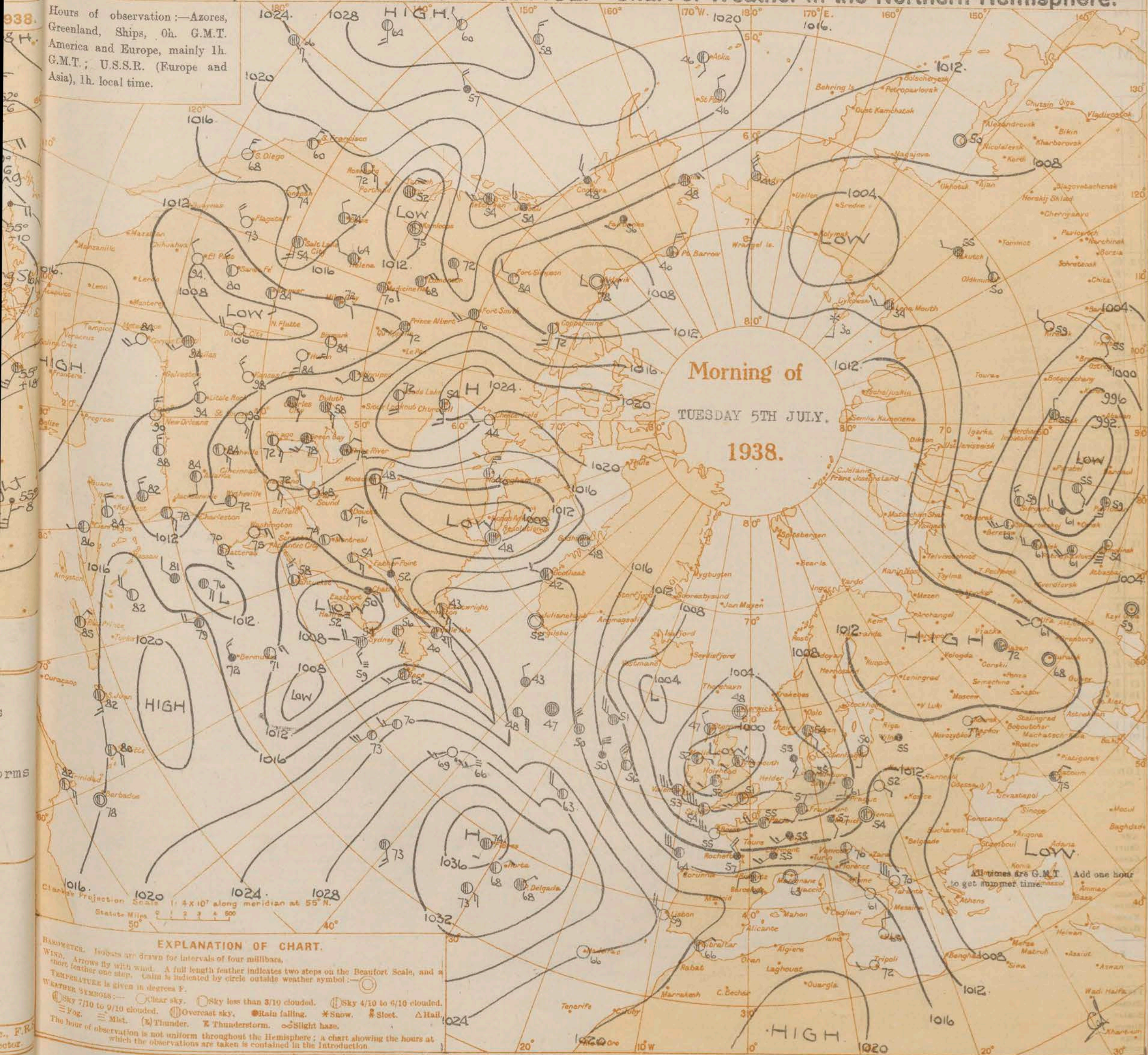
Hours of  
Greenland,  
America and  
G.M.T.; U  
Asia), 1h. lo

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.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 5th July															OBSERVATIONS at 7 hr. G.M.T. 5th															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visib. 0-9.	Cloud.					Barom. at M.S.L.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visib. 0-9.	Cloud.					State of Ground.	Sea. 0-9.	TEMPERATURE.			RAINFALL.		SUNSHINE 4th Hrs.			
					Dir.	Force.					Low.	Med.	High.	Low 0-10.	Total 0-10.			Height of Base (feet).	Dir.					Force.	Low.	Med.	High.	Low 0-10.			Total 0-10.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h in.	Night 18h-7h in.	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1000.9	-16	SSW	3	c	57	75	8	5	4	1	7-8	9	2500	0	*	67	48	42	Tr	-	6.4			
	Croydon	217	1004.0	-6	SW	3	bc	51	85	8	4	3	-	2-3	4-6	5700	1001.5	-14	SW	3	bc	54	85	8	3	9	3	1	4-6	4000	1	*	65	47	43	Tr	0.3	4.7	
	S. Farnborough	226	*	*	*	*	*	*	*	*	*	*	*	*	1000.8	-8	WSW	3	c	54	85	8	8	3	-	9	9+	1500	1	*	65	45	36	Tr	0.1	5.4			
	Boacombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	-10	W'S	5	bc	53	85	8	5	3	-	2-3	4-6	800	1	*	64	43	41	Tr	0.1	6.3			
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	*	1002.6	-18	W'S	4	bc	55	85	8	2	3	-	2-3	4-6	1500	1	2	65	49	45	Tr	4	6.1			
	Lymington	340	1004.6	-6	W	3	bc	49	92	8	5	4	-	2-3	4-6	4000	1003.5	-6	SW	2	c/pr	52	85	8	8	3	1	9	2500	0	3	61	45	42	Tr	4	4.1		
	Manston	142	1003.3	-6	WSW	3	pr	49	85	8	5	-	-	4-6	4-6	4000	1002.5	-2	SWW	3	bc	55	75	8	3	3	6	2-3	7-8	4000	1	*	64	44	42	Tr	2	2.6	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1002.1	-4	SSW	3	c	55	85	8	2	7	4	1	7-8	2500	1	*	69	49	42	Tr	1	6.2			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1001.8	-4	SW	4	bc	53	75	7	1	7	9	Tr	2-3	4000	0	2	65	49	46	Tr	1	7.6			
	Gorleston	5	1001.7	-6	WS	2	c	50	92	7	5	-	-	4-6	4-6	2500	1001.2	+4	W	2	bc	52	85	8	2	3	-	2-3	4-6	2500	1	2	65	47	46	Tr	3	6.8	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	1000.8	0	WS	2	c	52	85	8	5	3	-	9	9	5700	0	*	69	45	40	Tr	8	8.6			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	-2	WS	2	c	52	85	7	8	7	1	7-8	9+	4000	0	*	64	44	39	Tr	2	7.4			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1000.2	-2	SSW	2	c	51	85	8	9	-	-	5	9	1500	1	*	62	46	43	Tr	0.2	6.6			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1000.5	-8	SW	2	c/pr	49	97	7	5	-	-	10	10	800	1	*	67	45	39	Tr	1	7.8			
	Roos-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	999.9	-4	WSW	2	bc	52	85	7	8	-	-	3	4-6	4-6	2500	1	*	63	49	45	Tr	3	7.8		
4	Hartland Point	299	1000.9	-22	W	6	c	54	85	8	6	3	-	4-6	7-8	1500	1001.2	+12	NW	5	c	54	85	8	6	3	-	4-6	7-8	1500	1	4	69	51	49	Tr	4	7.3	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	*	1000.8	0	SSW	3	c/pr	51	85	7	8	1	-	7-8	9	1500	1	4	63	48	45	Tr	6	9.2			
	Portland Bill	32	1003.5	-20	W	5	c	54	85	8	5	-	-	4-6	4-6	2500	1001.2	+4	W	5	c	53	85	8	5	4	-	4-6	7-8	2500	0	4	58	54.8	45	Tr	0.6	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	1003.0	+6	WNW	4	c/pr	54	85	8	9	3	-	7-8	9	1500	1	2	61	52	49	Tr	4	7.2			
	The Lizard	240	1004.5	-16	WSW	5	rr	53	92	6	5	-	-	10	10	1500	1004.5	+10	WNW	5	c	55	85	7	8	6	-	4-6	7-8	2500	1	3	61	50	47	Tr	4	11.5	
	Scilly (St. Mary's)	163	1004.4	-16	WNW	7	c/pr	54	85	8	3	-	-	4-6	4-6	1500	1005.3	+14	WNW	6	c	55	85	8	8	4	-	4-6	7-8	1500	1	4	62	52	49	Tr	2	10.7	
	Guernsey	175	1007.8	-8	WS	3	bc	53	85	9	2	-	-	4-6	4-6	2500	1005.1	0	W	4	bc	55	85	7	3	7	-	4-6	4-6	800	1	3	63	51	49	Tr	4	9.6	
5	Pembroke	142	1000.1	-4	W	6	c	54	85	7	8	1	-	4-6	7-8	1500	1000.8	+6	W	6	c	53	92	8	8	7	-	4-6	9+	1500	1	4	57	52	47	Tr	0.1	9.8	
	Holyhead	26	998.4	-10	SWW	2	c	52	85	8	8	-	-	8	9+	4000	999.5	+16	-	0	c/p	54	85	9	2	6	-	4-6	7-8	2500	0	1	59	51	47	Tr	0.1	7.4	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	999.6	+6	SE	1	z	53	85	6	8	4	9	2-3	4-6	2500	0	*	61	48	43	Tr	0.3	6.2			
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	999.6	+4	SSE	1	c	52	85	7	8	3	-	4-6	7-8	2500	1	*	61	47	44	Tr	0.5	5.7			
10	Spurn Head	29	1000.7	-14	W	3	c	52	85	7	5	-	-	7-8	7-8	1500	999.5	-4	W	1	c	53	85	6	5	6	8	2-3	7-8	2500	0	1	69	49	47	Tr	0.5	6.7	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	999.8	+6	NW	2	bc	51	75	8	-	3	5	0	2-3	7-8	2500	0	*	62	39	35	Tr	6	6.9		
	Tynemouth	108	1000.0	-6	SW	2	c	49	85	6	5	-	-	7-8	7-8	1500	1000.3	+6	NW	2	c	52	85	6	2	4	-	4-6	7-8	2500	1	1	58	47	43	Tr	3	3.5	
11	St. Abbs Head	280	999.4	-6	WNW	2	bc	50	75	8	5	4	1	2-3	4-6	2500	999.1	+2	NW	3	c	50	92	7	3	2	-	4-6	9	800	0	2	57	48	47	Tr	1	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	1000.2	+6	N	1	c	52	85	7	8	7	2	4-6	7-8	1500	0	*	60	48	36	Tr	0	8.1			
12	Rentrev (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	+6	-	0	bc	50	92	8	5	3	5	2-3	4-6	4000	0	*	61	41	38	Tr	0	10.6			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1000.1	+4	-	0	c	42	97	8	5	2	-	9+	9+	1500	1	*	55	35	30	Tr	6	2.4			
	Point of Ayre	30	999.4	-2	-	0	bc	50	85	8	2	4	6	1	4-6	4000	1000.1	+8	ENE	3	c	53	92	8	3	2	-	2-3	7-8	200	0	1	64	49	47	Tr	10	2.2	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1001.2	+10	N	2	c	54	85	9	2	3	-	Tr	9	2500	0	2	57	46	35	Tr	0.3	5.8			
13B	Stornoway	80	1003.0	+2	NNW	2	bc	47	97	8	5	4	-	2-3	2-3	2500	1003.4	+2	NE	4	c	52	85	8	5	6	6	2-3	7-8	2500	1	2	56	45	35	Tr	3	6.3	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1000.4	+4	-	0	ir	45	92	7	5	2	-	7-8	10	2500	1	*	56	37	30	Tr	3	4.8			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1000.4	+4	NW	2	c	50	97	6	8	3	-	7-8	7-8	1500	1	1	58	44	41	Tr	Tr	8.6			
	Wick	81	1000.5	-2	ESE	3	c	51	97	8	8	7	-	7-8	9	1500	1000.7	+2	SE	1	bc	53	85	8	7	6	1	2-3	4-6	2500	1	1	56	50	47	Tr	1	*	
16	Lerwick	156	1002.6	+2	-	0	bc	48	92	8	5	-</																											



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938.  
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Page 1.  
AIR  
MINISTRY.  
THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.  
BRITISH SECTION  
Wednesday 6th July, 1938.  
No. 27985

Dist.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 5th July														OBSERVATIONS at 18h. G.M.T. 5th July														PAST 24 HOURS.				
		Barom. M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp.	Humid.	Visib.	Cloud.						Temp.	Humid.	Visib.	Cloud.						Temp.	Humid.	Visib.	WEATHER.							
									Form.			Amount.		Height of Base (feet)				Form.			Amount.		Height of Base (feet)				Sea. 0-9	7h.—13h. 5th	13h.—18h. 5th	18h. 5th. to 1h. 6th.	1h.—7h. 6th			
									Low	Med.	High	Low	Total					Low	Med.	High	Low	Total												
																																(9)	(10)	(11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	
1	London (Kew)	1002.1	+8	NW	2	56	75	8	3	2	-	4-6	24	1500	1004.1	+16	W	3	cjp	62	55	8	3	2	3	4-6	7-8	2500	1	*	cbcPRc	cpstbc	bcc	cpstbcw
	Croydon	1001.6	+6	NNW	2	59	65	8	3	6	3	7-8	24	4000	1003.9	+10	SWW	4	c	59	75	8	3	6	3	2-3	7-8	4000	1	*	prtr	trbc	bccprc	bcw
	S. Farnborough	1002.0	+14	NNW	3	59	65	8	3	3	3	24	2500	1003.8	+10	W	4	c	60	75	8	8	3	1	4-6	7-8	2500	1	*	prPRc	trPRc	bccprc	bcw	
	Boscombe Down	1001.9	+8	W	4	60	65	8	3	4	3	4-6	7-8	2500	1005.5	+24	NNW	4	pr	64	85	7	9	4	3	9	1500	1	*	cpbc	bccpr	cpstbc	bccprbc	
	Calshot (Schmto.)	1004.0	+16	SWW	4	53	75	8	3	3	-	7-8	7-8	1500	1005.4	+10	NNW	5	qpr	60	65	8	5	3	-	4-6	7-8	2500	1	2	bcctr	cp	cbccbc	bcwbc
	Lymington	1003.7	+4	W	2	51	85	6	3	-	3	3	3	1500	1005.3	+14	SWW	4	c	54	85	8	8	6	3	4-6	7-8	2500	1	4	cpsttr	trpr	bccbc	bcb
	Manston	1002.6	+4	W	3	52	85	6	3	-	-	24	3	1500	1003.4	+6	WSW	4	bc	59	75	8	8	3	2	4-6	4-6	4000	1	*	cpPR	tr	bccbcw	cmcb
2	Shoeburyness	1002.2	+10	SSW	1	55	85	8	8	-	3	7-8	3	1500	1003.2	+8	WSW	2	bct	60	75	8	9	4	3	4-6	4-6	2500	1	*	prtrr	trbc	bccPRtl	cpstbm
	Relixstowe	1001.5	+2	SW	3	57	75	8	9	2	-	4-6	3	2500	1002.9	+6	SW	1	ct	57	65	8	9	2	8	1	7-8	2500	0	2	bccm	cpstprc	cbcc	cbcc
	Gorleston	1001.5	+4	SSW	3	55	75	6	6	-	-	9	3	2500	1003.0	+4	SW	2	c	58	65	7	8	4	-	2-3	7-8	2500	1	2	bccpr	cpst	cbcc	cbcc
	Mildenhall	1000.5	+2	WSW	2	60	65	8	5	7	-	7-8	24	2500	1002.4	+6	NW	1	bc	62	65	8	2	8	1	1	4-6	4000	0	*	cpstpr	cpstbc	bccm	bccm
	Cranwell	1000.6	0	SW	1	61	65	9	9	7	3	7-8	24	4000	1002.6	+8	SSW	1	pr	56	85	6	8	2	-	7-8	10	4000	1	*	cpst	cpsttr	cbccm	bccm
3	Birmingham	1001.1	+6	N	4	59	55	8	6	3	-	7-8	24	1500	1003.2	+12	NW	3	bc	60	55	8	3	-	3	2-3	4-6	1500	1	*	cbcc	cpsttrbc	PRbc	bc
	Upper Heyford	1001.3	+3	W	1	60	65	8	9	7	-	4-6	7-8	2500	1003.5	+18	WN	3	bc	63	55	9	9	7	-	4-6	4-6	2500	0	*	cpstprc	cpstprc	cbcc	bcc
	Ross-on-Wye	1001.3	+3	NW	3	62	55	9	2	-	3	4-6	4-6	4000	1004.4	+8	NNW	3	bc	62	55	9	8	6	3	4-6	4-6	4000	0	*	cpstprc	cpstprc	cbcc	bcc
4	Hartland Point	1004.8	+12	NW	5	57	75	8	8	3	-	4-6	7-8	1500	1006.8	+4	NNW	4	bc	57	85	8	8	4	1	2-3	4-6	1500	0	3	cp	cpstprc	bcc	cbcc
	Bristol	1002.5	+12	W	3	61	65	8	8	7	-	4-6	4-6	1500	1005.8	+16	-	0	c/tr	53	92	7	9	-	-	7-8	7-8	1500	1	*	cpPRbc	PRtrtr	cbcc	bcc
	Portland Bill	1004.8	+2	NNW	5	58	55	7	8	4	-	4-6	7-8	2500	1005.8	+4	NNW	4	c	58	55	8	8	4	-	4-6	7-8	2500	0	3	bcc	cbcc	bcc	bcc
	Plymouth	1005.8	+14	NNW	5	59	75	8	9	7	-	3	24	2500	1008.1	+14	NNW	4	pr	59	65	8	8	6	-	7-8	7-8	1500	1	2	cp	cpstpr	cbcc	bcc
	The Lizard	1007.7	+16	NNW	5	58	75	8	8	-	-	4-6	4-6	2500	1009.8	+6	W	4	bc	57	85	7	8	7	-	4-6	4-6	2500	1	2	cpstbc	bc	cbcc	bcc
	Scilly (St. Mary's)	1008.7	+18	NNW	6	60	75	8	2	-	-	2-3	2-3	2500	1010.1	+12	NNW	6	c	58	75	8	2	6	3	4-6	7-8	2500	0	4	cpstbc	bcc	cbcc	bcc
	Guernsey	1007.4	+16	W	5	61	65	8	7	3	-	2-3	4-6	2500	1009.4	+10	W	5	bc	58	75	7	7	3	-	4-6	4-6	2500	1	4	bccpr	bc	bc	bcc
5	Pembroke	1005.9	+14	NNW	4	58	75	7	7	6	-	4-6	4-6	2500	1006.8	+8	W	4	bcq	56	85	8	7	7	1	2-3	4-6	2500	1	2	bcc	bcq	bccw	c
	Holyhead	1002.7	+16	NW	3	57	75	9	2	-	-	2-3	2-3	4000	1004.7	+10	WN	3	bc	57	65	9	8	8	8	1	4-6	4000	0	2	cpstbc	bccw	bccprc	bcc
	Chester (Sealand)	1001.9	+10	NNW	4	59	55	8	8	-	1	4-6	4-6	2500	1004.1	+14	NNW	4	bc	58	65	9	8	-	3	2-3	2-3	2500	0	*	cbccm	bccw	bccm	bcc
	Manchester	1000.8	+3	NW	3	60	65	7	2	3	-	7-8	7-8	4000	1003.2	+14	NNW	4	bc	59	65	8	2	-	2	4-6	4-6	4000	0	*	bcczbc	bc	bccm	bccm
6	Spurn Head	1000.1	0	SSE	2	58	75	7	8	8	-	4-6	7-8	2500	1002.2	+14	S	2	c	56	75	6	8	8	3	4-6	7-8	800	1	1	c	trtr	cbm	bccm
	Catterick	1000.2	+2	SW	1	61	55	8	9	3	3	7-8	3	1500	1002.5	+10	-	0	qpr	55	85	7	8	3	8	7-8	3	1500	1	*	cp	trPR	prbcc	bcc
	Tynemouth	1001.4	+6	N	2	54	85	7	8	-	-	7-8	7-8	1500	1001.6	+8	W	2	qpr	56	75	6	8	-	-	7-8	7-8	1500	1	1	bccp	cbccp	c	c
7	St. Abbs Head	1000.8	+4	N	2	53	85	7	5	7	-	4-6	4-6	1500	1002.5	+16	-	0	bc	55	85	8	2	7	3	2-3	4-6	2500	0	1	mbcc	bc	bcc	mbcc
	Leuchars	1001.0	+6	E	2	57	65	8	9	3	3	2-3	7-8	1500	1002.3	+10	-	0	bc	57	75	8	8	3	6	2-3	4-6	2500	0	*	cpstbc	cbcc	cbcc	mbcc
	RAF (Abbots I.)	1001.1	+6	N/E	2	60	75	8	9	3	3	3	24	4000	1002.0	+4	NNW	1	qpr	54	87	8	9	7	3	4-6	7-8	4000	1	*	bccpr	cpstbc	cbcc	mbcc
	RAF (Ayr)	1000.3	+2	SE	2	55	65	7	8	-	-	10	10	2500	1002.1	+2	WSW	3	c	52	75	8	8	-	-	9	9	2500	1	*	cbcc	cbcc	cbcc	cbcc
	Point of Ayr	1002.2	+4	NW	3	62	75	8	1	4	-	2-3	2-3	4000	1003.6	+4	NW	3	bc	60	75	8	2	4	-	2-3	2-3	1500	0	2	bc	bc	bcc	c
8	Tiree	1002.7	+4	NNW	3	58	85	9	3	6	-	2-3	2-3	2500	1004.0	+10	NW	3	bc	56	85	9	3	6	2	1	2-3	2500	0	3	bc	bccpr	bcc	cpst
	Stornoway	1001.3	+4	ENE	4	54	75	8	7	6	-	4-6	7-8	2500	1005.0	+4	NE	4	c	53	85	9	8	7	-	4-6	24	1500	1	2	cp	cp	c	c
	Dalwhinnie	1001.2	+4	N	3	54	75	7	8	2	1	7-8	10	2500	1003.3	+18	N	2	ir	49	85	7	8	2	-	7-8	10	2500	1	*	cp	cp	c	c
	Aberdeen	1001.2	+4	NEW	2	57	75	8	9	-	3	4-6	7-8	1500	1002.2	+6	E/S	2	c	55	75	8	9	6	-	9	9	2500	1	1	cpstbc	bccprc	cbcc	cbcc
	Wick	1001.6	+4	ENE	2	54	85																											

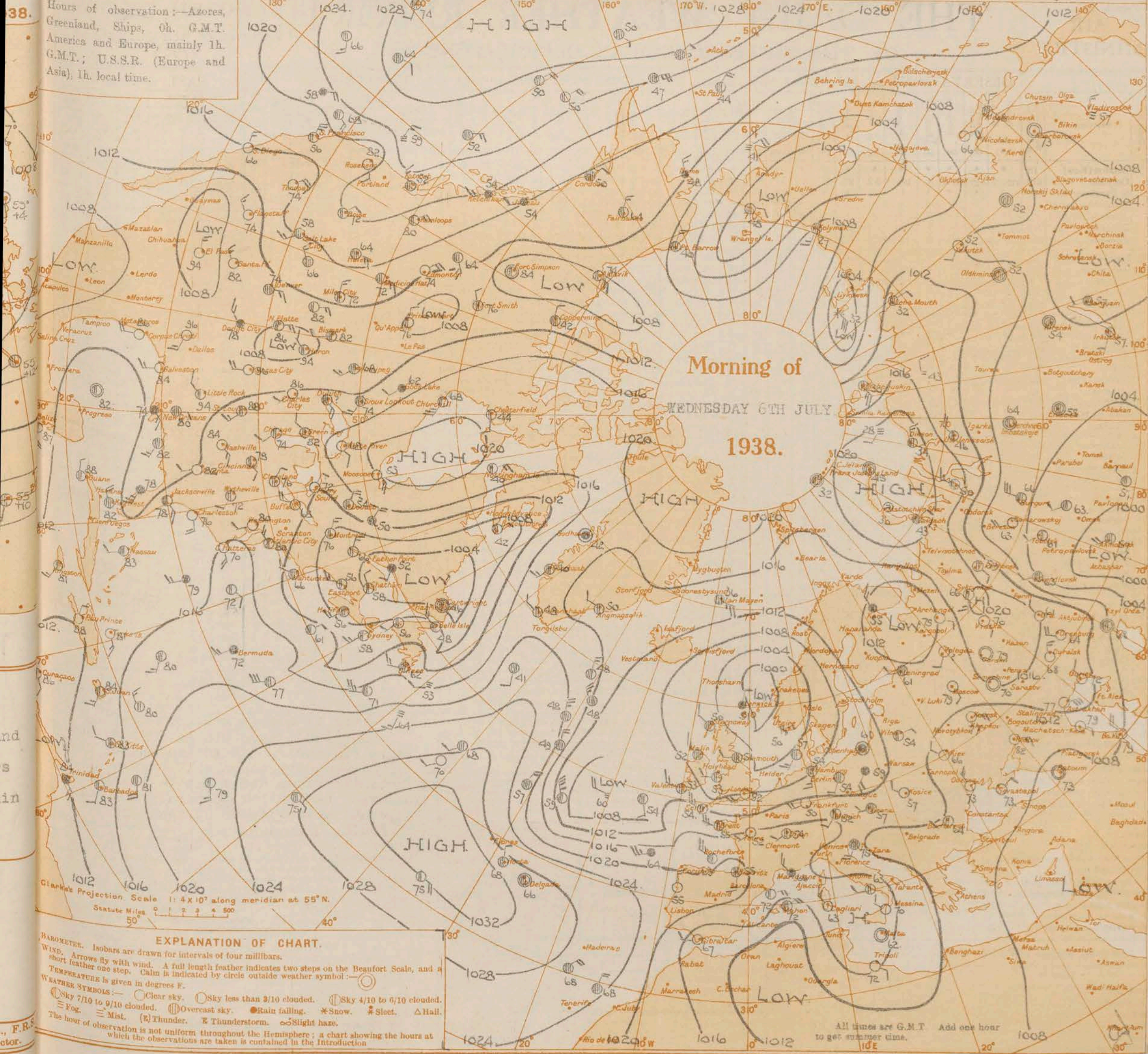






# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

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









# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday, 7th July, 1938.  
No. 27986.

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 6th July.														OBSERVATIONS at 18h. G.M.T. 6th July.														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility	Cloud.						Sea. 0-9	0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			7h.—13h. G.M.T.	13h.—18h. G.M.T.	18h. G.M.T. to 1h. A.M.	1h.—7h. A.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
									Low	Med.	High	Low	Total									Low	Med.	High	Low	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
																																		(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmnta.) ... Lymington ... Manston ...	1013.1 1013.3 1013.1 1013.2 1014.3 1014.5 1013.7	+6 +10 +4 +6 +10 +14 +4	SSW WN SSW WNW SW'S SSW SW	3 1 3 3 5 4 4	pr c/pr c/pr c bc bc/pr bc/pr	63 59 62 62 64 60 64	55 75 65 65 65 75 55	8 9 8 8 8 9 8	1 6 8 1 2 2 7	4 3 3 - 6 3 -	7-8 4-6 4-6 7-8 2-3 4-6 4-6	7-8 7-8 7-8 3 2-3 4-6 4-6	2500 4000 4000 1300 2500 2500 2500	1014.2 1014.5 1014.3 1014.0 1015.1 1016.2 1013.3	+4 +6 +6 +2 +2 +10 +8	SW SW'S SW SW SW SSW SW'W	4 3 4 4 4 4 4	C C C C C bc b	65 61 61 59 60 59 62	45 55 55 55 75 65 65	8 8 8 8 8 9 8	1 4 - 4 1 2 5	- 6 - 6 Tr Tr Tr	2-3 1 1 2-3 10 2-3 1	4000 4000 4000 2500 2500 2500 4000	0 1 1 0 0 1 1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*</



# REPORTS from HEALTH RESORTS for 6th July 1938.

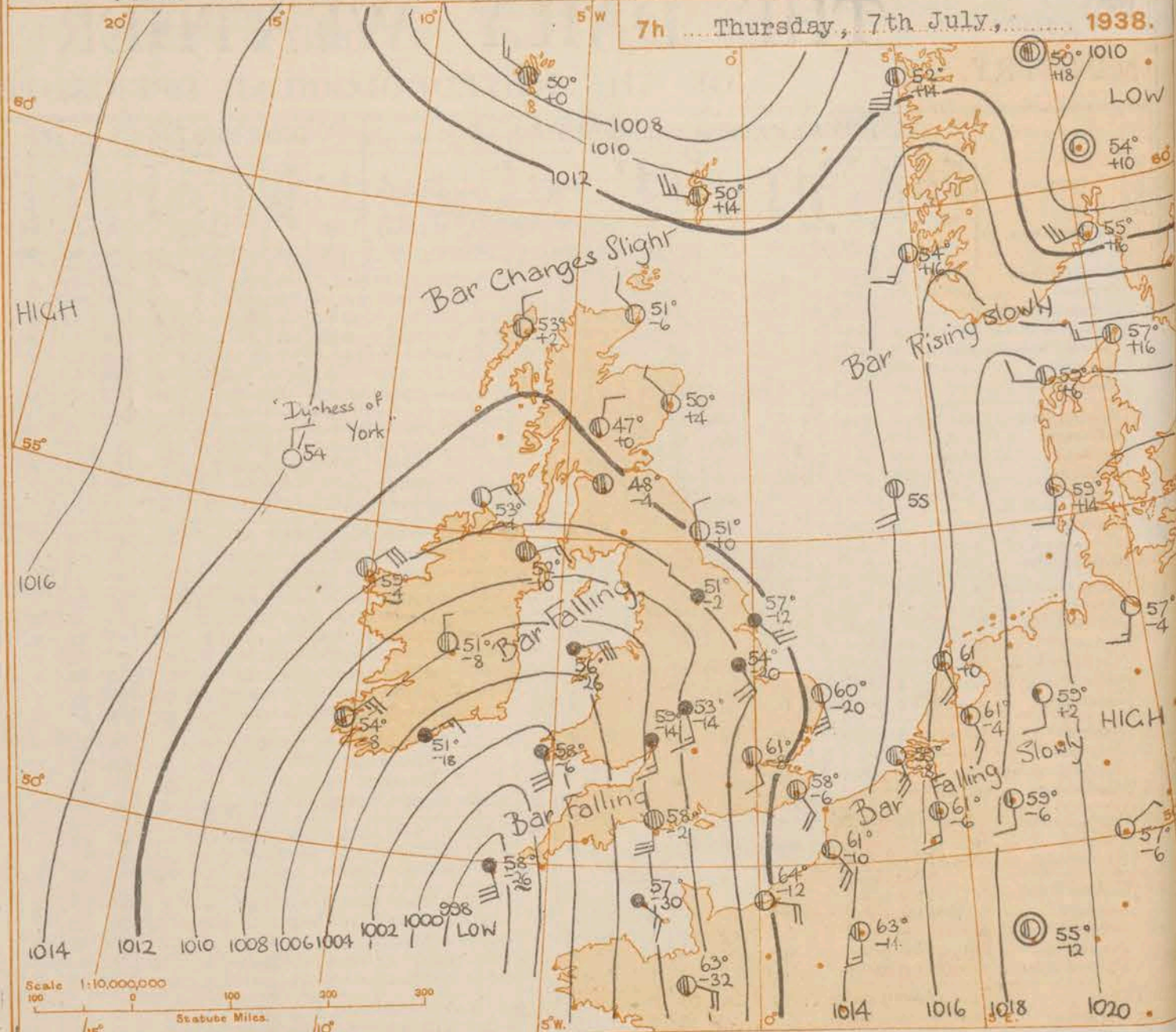
STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm)		SUNSHINE (Hrs.)	
	Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
1 Tanbridge W.	cbbc	erbc	43	65	Trace	2	8.8	6.3
Bournemouth	b	bbc	48	63	2	-	9.3	6.7
Ventnor	rbob	bbc	52	60	2	-	10.4	8.1
Southsea	bcb	b	52	67	1	-	9.8	7.6
Bognor Regis	bcir	bc	50	61	-	Trace	10.2	7.5
Littlehampton	bcpc	bc	49	62	Trace	1	9.9	7.0
Worthing	bcb	b	49	64	2	-	11.5	6.0
Brighton	bcb	b	52	62	1	Trace	11.5	5.5
Eastbourne	pcbc	b	52	63	0.1	0.2	11.5	7.0
Hastings	bc	b	49	64	-	-	12.0	5.3
Folkestone	bccid	bc	49	64	-	Trace	10.5	4.9
Dover	bc	bcb	52	64	-	-	7.9	7.1
Deal	bcb	bcb	50	65	-	0.3	9.4	7.3
Ramsgate	bcb	bcb	51	63	-	5	8.7	8.5
Margate	bcb	bcb	49	67	-	5	7.6	7.8
2 Southend	bcb	bcb	50	70	5	3	7.5	7.0
Clacton-on-Sea	bcb	bcb	50	64	0.3	2	4.9	4.9
Dovercourt	bcb	bcb	49	64	-	Trace	5.0	4.8
Lowestoft	bcb	bcb	46	66	-	-	7.1	4.1
Skegness	bcb	bcb	45	62	0.3	2	6.0	3.1
Mablethorpe	bcb	bcb	44	65	1	3	7.8	4.1
Cleethorpe	bcb	bcb	46	68	Trace	Trace	6.9	5.8
3 Leamington S.	c	cpc	47	63	3	0.6	5.1	3.4
4 Cheltenham	bcc	bcb	48	68	-	-	5.4	3.8
5 Bath	bcb	bcb	49	66	2	0.3	3.4	5.0
Weymouth	bcb	bcb	53	63	-	-	7.7	9.0
Jersey	pcbc	bcb	56	66	Trace	Trace	7.5	11.2
Torquay	bcb	bcb	51	64	1	-	8.5	8.0
Falmouth	bcb	bcb	50	65	-	Trace	7.9	10.7
Penzance	bcb	bcb	49	63	-	1	7.0	11.6
St. Ives	c	c	51	63	-	-	5.9	11.9
Bude	bcb	bcb	53	61	-	-	7.4	8.2
Ilfracombe	bcb	bcb	54	60	Trace	-	7.6	6.8
6 Aberystwyth	bcb	bcb	54	61	0.3	-	5.5	10.6
7 Llandudno	bcb	bcb	53	62	-	2	5.6	10.6
Colwyn Bay	bcb	bcb	51	62	0.3	0.3	3.3	10.7
Rhyl	bcb	bcb	50	62	0.2	Trace	7.0	11.8
8 Wallasey	bcb	bcb	53	62	Trace	-	7.2	11.5
Southport	bcb	bcb	53	63	-	-	10.3	10.0
Blackpool	bcb	bcb	53	61	Trace	-	9.7	11.0
Morecambe	bcb	bcb	54	62	3	-	10.3	9.4
9 Tisbury	bcb	bcb	44	66	0.2	-	10.0	5.4
Harrogate	bcb	bcb	47	64	5	-	10.6	7.5
10 Berwick-on-T.	c	c	46	59	-	6	3.0	9.1
11 Dunbar	bcb	bcb	47	61	-	0.5	3.8	6.6
12 Troon	bcb	bcb	53	61	Trace	-	8.0	11.6
Douglas	bcb	bcb	48	61	-	-	6.9	10.3

† Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th July, 1938.
1 S.E. England	Wind southeast to south, moderate to fresh, veering southwest tomorrow; cloudy; thunderstorms developing, heavy in places; bright periods tomorrow; warmer at first, then cooler.
2 E. England	Wind south, moderate or fresh, veering southwest tomorrow; dull; rainy; thunderstorms locally; improving tomorrow; rather cool.
3 E. Midlands	Wind south, moderate or fresh, veering southwest tomorrow; dull; rainy; thunderstorms locally; improving tomorrow; rather cool.
4 W. Midlands	Wind south, veering northwest, strong, perhaps gale locally; showery conditions with bright periods, spreading from west; rather cool.
5 S.W. England	Wind easterly, veering south later, moderate to fresh; dull; rainy; thunderstorms in places later; rather cool.
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. Scotland	
14 B.N.W. Scotland	Wind variable becoming easterly, light to moderate; fair with sunny periods today; dull, rainy tomorrow; cool.
15 Mid Scotland	
16 N.E. Scotland	
17 Orkney and Shetland	
18 N.W. Ireland	As 19 - 20.
19 N.E. Ireland	As 7 - 13A.
20 S.W. Ireland	Wind north, backing northwest, strong to gale on west coast; cloudy and bright periods; local showers; rather cool.

H.M. Stationery Office Press, Kingsway, W.C.2

## 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.

A deepening depression over the mouth of the English Channel will move northwards, and an associated trough of low pressure west of France will move east and then northeast. There will be rain in many districts, often of a thundery type. More general thunderstorms, heavy at times, will occur in South-east England today and spread north.

### FURTHER OUTLOOK.

None issued.

### Times of issue of Gale Warnings.

- ▲ North Cone hoisted at 0900 G.M.T. on 7/7/38 in district 17 and part of 20.
- ▼ South Cone hoisted at 0900 G.M.T. on 7/7/38 in district 5.

Forecasts issued at 10.30 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.

## AIR

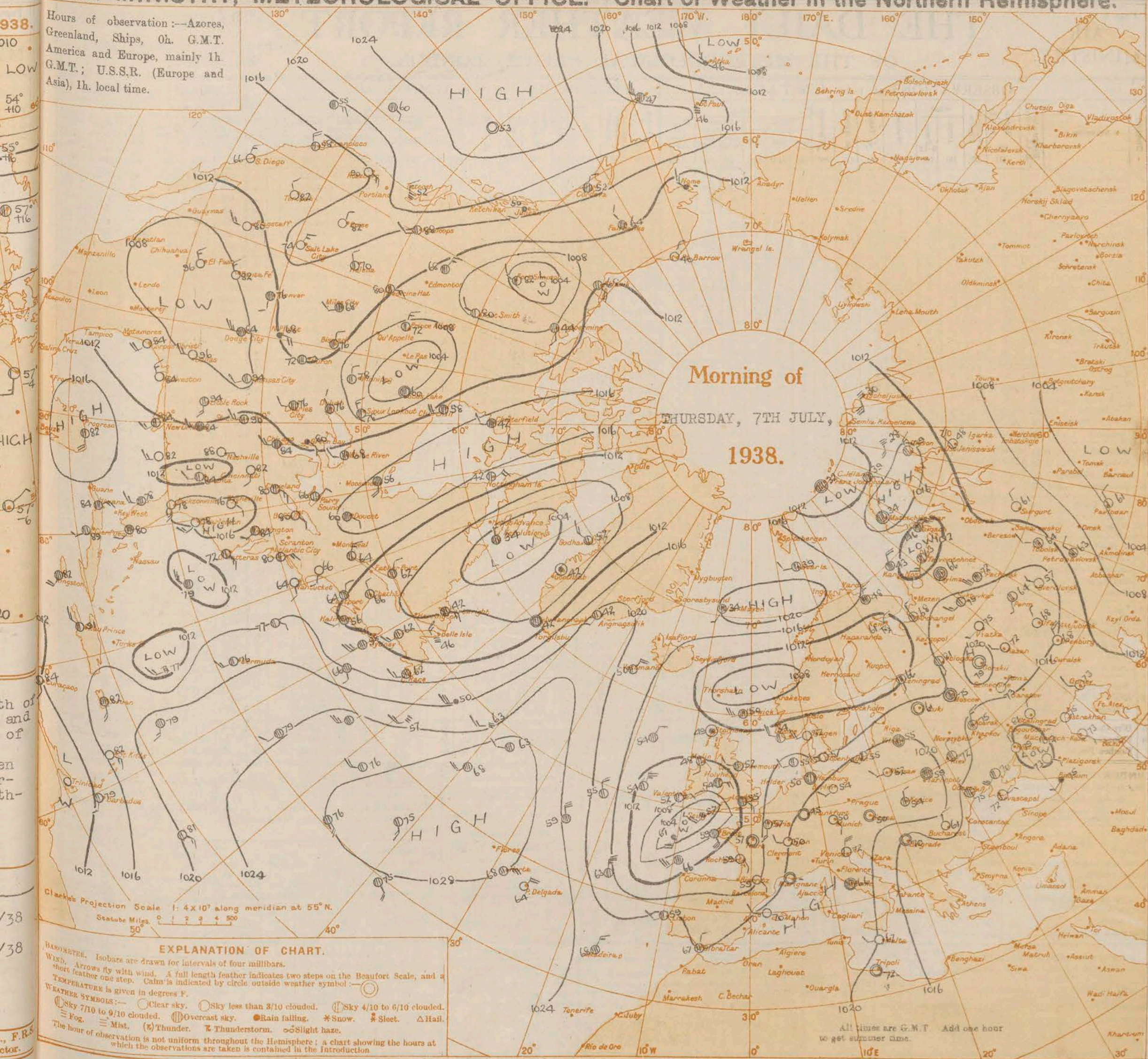
Hours of  
Greenland,  
America and  
G.M.T.; U.  
Asia), 1h. loc

Hours of  
Greenland,  
America and  
G.M.T.; U.  
Asia), 1h. loc



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

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





# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 7th July														OBSERVATIONS at 7 hr. G.M.T. 7th 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. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE. 0-24 Hrs. (36)			
					Dir. (3)	Force (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)			Amount. (24)	Height of Base. (feet) (28)					Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)								
																														Low 0-10 (11)	Med. 10-10 (12)	High 0-10 (13)	Low 0-10 (25)		Med. 10-10 (26)	High 0-10 (27)	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1010.4	-4	SE	3	C	62	75	8	5	7	-	7-8	9	2500	1	*	67	54	50	Tr	0.2	5.7			
	Croydon	217	1014.3	-10	ESE	3	C/r	55	85	8	-	7	-	0	9	1011.0	-8	SSE	2	C	61	75	8	5	-	7-8	7-8	4000	1	*	65	55	50	7	0.1	8.5	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	1009.7	-6	SSE	3	C	60	85	8	5	3	-	7-8	7-8	4000	1	*	65	53	51	1	0.6	6.5			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	1008.1	-6	SSE	4	C	58	92	7	5	3	-	7-8	7-8	1500	1	*	63	52	51	Tr	2	4.8			
	Calshot (St. Hmtn.)	8	*	*	*	*	*	*	*	*	*	*	1009.8	-6	SE/E	4	C	61	75	8	5	7	8	7-8	7-8	4000	1	3	65	57	55	-	1	10.0			
	Lympne	346	1015.5	-14	ESE	3	C	55	75	8	5	-	-	10	10	1013.2	-6	SE'S	4	C	58	85	8	5	-	4-6	9	4000	0	3	63	53	50	0.2	Tr	11.4	
	Manston	142	1015.8	-6	SE	2	C	57	75	7	-	7	-	0	9	1012.8	-12	SSE	3	C	60	75	7	5	-	4-6	9	4000	1	*	66	52	49	7	Tr	10.2	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1012.1	-6	S	4	C	62	85	8	5	7	-	7-8	9	4000	1	*	68	56	48	7	0.1	8.1			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1012.8	-16	SE'S	5	C	61	75	7	5	2	-	9	9	4000	0	3	64	56	51	0.6	0.1	6.0			
	Gorleston	5	1015.2	0	SW'S	3	bc	52	85	7	4	-	-	4.6	4.6	1012.6	-20	SSE	5	C	60	85	6	5	-	0	10	-	1	3	65	51	49	1	0.2	6.2	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	1011.2	-16	SE'S	4	C	60	85	8	5	7	-	9	9	4000	1	*	63	50	45	1	1	6.6			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1009.6	-20	SE	4	id.	54	92	7	6	2	-	10	10	2500	1	*	66	50	45	Tr	0.6	6.3			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1008.2	-14	SSE	3	rr	53	97	5	6	-	-	10	10	200	1	*	63	49	48	0.1	8	5.7			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	1009.0	-8	SSE	3	C	57	85	8	5	1	-	9	10	1500	1	*	68	51	48	Tr	1	6.8			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1006.4	-14	SSE	3	id.	59	92	7	6	-	-	10	10	1500	1	*	66	50	49	Tr	1	6.8			
5	Hartland Point	299	1004.2	-32	ENE	6	rr	52	97	7	6	2	-	7-8	10	1002.0	-4	S	5	rr	59	97	7	-	2	-	10	10	1500	1	3	62	49	49	-	14	8.3
	Bristol	209	*	*	*	*	*	*	*	*	*	*	1006.6	-4	SSE	3	rr	59	92	7	6	1	-	7-8	9	800	1	*	64	51	50	1	10	6.5			
	Portland Bill	32	1008.8	-10	SSE	6	id.	56	85	8	5	-	-	10	10	1005.5	-2	S	6	0	58	85	8	5	-	10	10	2500	0	3	59	55	*	-	5	7.4	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	1003.2	-14	SE	4	rr	58	97	6	6	2	-	7-8	10	1500	1	2	62	51	50	Tr	29	7.4			
	The Lizard	240	1004.2	-12	S'W	8	rr	57	97	2	5	-	-	10	10	1000.9	-16	SE	5	C/r	57	97	7	5	-	9	10	1500	1	4	62	52	*	2	45	7.6	
	Scilly (St. Mary's)	163	1002.3	-22	SSW	4	rr	57	97	6	5	-	-	10	10	997.6	-26	SSE	6	rr	58	97	6	5	-	10	10	200	1	4	61	52	*	2	26	6.6	
	Guernsey	175	1010.3	-18	S'E	4	0	58	97	6	5	-	-	10	10	1006.4	-30	SE	3	rr	57	92	7	5	-	10	10	1500	1	3	64	56	55	0.4	3	9.6	
6	Pembroke	142	1006.9	-30	NE	5	RR	52	97	6	6	-	-	10	10	1001.6	-6	S'E	6	RR	58	97	6	5	-	7-8	10	1500	1	3	60	50	*	Tr	31	7.7	
7	Holyhead	26	1010.5	-16	ENE	3	C	54	85	8	5	-	7	2-3	10	1008.5	-26	E'N	6	rr	58	92	6	6	-	2-3	10	200	1	3	60	53	48	Tr	5	9.3	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1007.2	-28	E'N	3	rr	57	92	5	6	2	-	7-8	10	1500	1	*	61	50	47	5	6	3.9			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	1008.4	-20	ENE	4	rr	52	85	4	6	2	-	7-8	10	1500	1	*	63	49	45	0.6	6	4.5			
10	Spurn Head	29	1013.4	+2	SW	3	bc	56	85	7	5	1	-	4-6	4-6	1011.7	-12	SE'S	5	rr	57	75	6	5	-	10	10	1500	1	3	69	55	*	Tr	0.4	9.4	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1011.7	-2	NW	1	rr	51	92	5	6	2	-	2-3	10	1500	1	*	66	48	46	-	1	13.0			
	Tynemouth	108	1012.8	+4	WSW	1	bc	52	75	6	5	-	-	4-6	4-6	1012.1	0	N	2	C/r	51	85	5	5	-	9	9	2500	1	1	61	50	46	3	0.1	4.1	
11	St. Abbs Head	280	1012.5	+8	W	2	bc	52	85	9	5	4	-	2-3	4-6	1012.3	0	-	0	C	53	85	7	5	-	2-3	7-8	4000	0	0	60	50	*	Tr	*	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	1012.2	+2	-	0	C	51	92	7	5	1	-	1	10	800	1	*	60	41	35	2	0.5	4.3			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	1011.6	-4	-	0	2	48	92	5	1	-	-	0	10	-	0	*	62	42	36	-	-	6.5			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	1011.3	-6	NE	3	rr	51	85	8	5	1	-	4-6	10	2500	1	*	60	39	37	4	1	3.9			
	Point of Ayre	30	1012.1	+2	S'E	2	C	50	92	8	-	2	-	0	10	1009.5	-14	E'S	3	rr	55	85	8	-	2	-	0	10	-	0	2	64	47	*	-	-	9.4
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	1012.1	0	NE'N	3	bc	53	75	9	2	-	8	Tr	4-6	4000	0	2	59	49	42	-	-	9.3			
13b	Stornoway	80	1013.6	+6	-	0	pr	49	97	8	5	7	-	7-8	9	1014.4	+2	N	2	bc	53	75	8	2	-	4-6	4-6	4000	1	1	60	48	*	-	0.2	12.5	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	1013.0	+4	NNE	2	C	47	85	8	-	1	4	0	9	-	1	*	60	36	28	-	-	7.5			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1013.0	+4	NW'N	1	C	50	92	6	5	-	8	Tr	9	4000	1	0	59	43	40	7	0.3	2.7			
	Wick	81	1011.6	+4	W	2	bc	47	97	8	5	7	-	2-3	4-6	1013.0	-6	NW	2	bc	51	85	9	7	-	1	4-6	2500	1	1	58	42	*	0.3	3	0.0	
16	Lerwick	156	1009.4	+12	WSW	5	C	50	85	7	5	2	-	7-8	10	1011.6	+14	W	5	C	50	92	8	8	-	4-6	7-8	1500	1	*	52	48	*	4	1	0.0	
17	Blacksod Point	18	1011.3	+2	NE	4	C	55	85	9	4	-	-	7-8	7-8	1010.4	-4	NE	6	C	53	85	9	3	-	4	4-6	7-8	1500	0	4	61	53	*			



Page 1. AIR MINISTRY. THE DAILY WEATHER REPORT BRITISH SECTION Friday, 8th July, 1938. No. 27987. OF THE METEOROLOGICAL OFFICE, LONDON.

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 7th July														OBSERVATIONS at 18h. G.M.T. 7th July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp. at m.b.	Humid.	Visibility.	Cloud.					Height of Base (feet).	Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp. at m.b.	Humid.	Visibility.	Cloud.					Height of Base (feet).	State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Direc.	Force.					Low.	Med.	High.	Low.	Total.				Low.	Med.					High.	Low.	Total.	Low.	Med.				High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total



# REPORTS from HEALTH REPORTS for 7th July 1938.

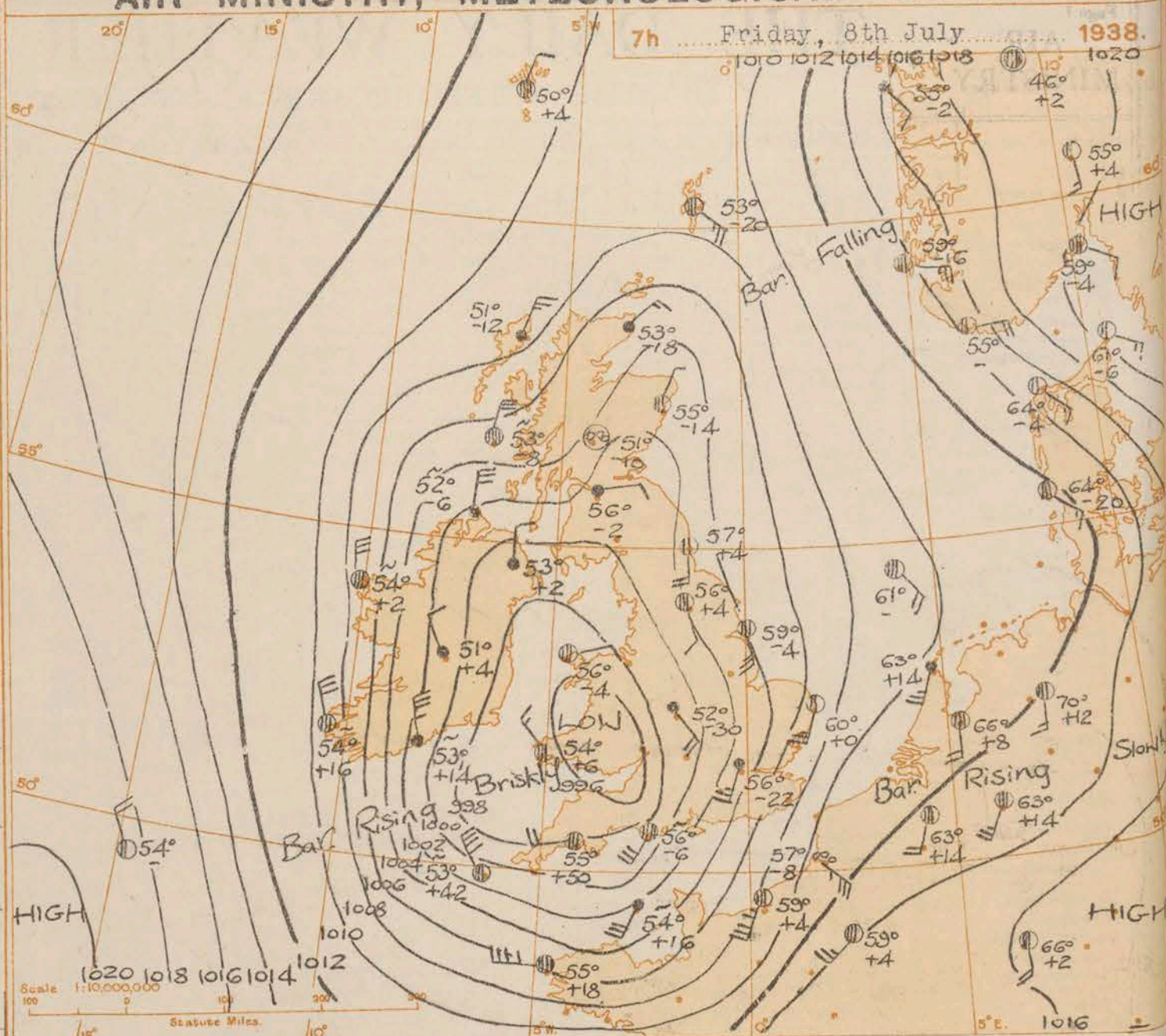
STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. to 9h.	Max. 9h.-12h.	Night. 12h.-5h.	Day. 5h.-12h.	Sunrise to 17h.	Sunset to 17h.
1 Tunbridge W.	cbe	cotro	53	75	Trace	1	3.8	10.5
Bournemouth	rotlr	acbe	55	67	7	4	1.6	9.3
Ventnor	betlr	tlrbc	55	68	1	8	3.6	10.6
Southsea	cpic	cpic	57	70	0.2	6	3.6	*
Bognor Regis	bc PR	bopr	57	77	0.5	3	2.5	10.4
Littlehampton	cPr	ctlr	57	68	1	9	2.0	10.2
Worthing	cPr	ctlr	57	67	0.3	2	2.6	11.8
Brighton	cbepe	cbore	57	71	0.2	1	2.8	11.9
Eastbourne	debec	cthr	57	59	0.5	12	3.9	12.3
Hastings	cbe	corte	55	68	0.3	1	3.2	12.8
Folkestone	bc	bocr	55	73	Trace	0.5	5.8	12.3
Dover	bc	bec	57	70	-	-	6.8	9.2
Deal	bcb	bcb	55	71	-	-	7.4	11.2
Ramsgate	bc	bec	57	69	-	-	7.7	11.5
Margate	bc	bocp	55	72	-	Trace	8.5	10.2
2 Southend	bc	bocp	55	75	Trace	Trace	4.5	9.9
Clacton-on-Sea	cbe	bocp	56	67	0.3	Trace	4.6	5.0
Dovercourt	bey	bopbe	54	70	-	Trace	5.5	6.1
Lowestoft	cbe	bcbz	53	68	0.1	-	7.1	7.1
Skegness	pbc	bocp	55	70	0.3	Trace	3.8	7.8
Mablethorpe	adbe	bocp	52	73	0.3	Trace	3.2	9.0
Cleethorpe	cbe	cr	50	71	1	0.3	0.4	8.1
3 Leamington S.	cp	cp	51	70	2	1	0.8	6.1
Cheltenham	coirc	cirt	50	68	5	8	1.1	6.0
5 Bath	cpc	cpc	53	69	5	4	0.9	3.5
Weymouth	crc	cpeb	54	66	8	0.5	0.2	8.6
Jersey	pqbc	bcc	57	70	2	0.1	5.9	7.5
Torquay	oirpc	cRpg	54	62	32	1	1.4	8.5
Bournemouth	ogrc	p. gco	52	58	41	0.1	0.3	7.9
Penzance	nrng	cbocq	52	60	34	0.3	0.3	7.0
St. Ives	pr	c	51	62	24	0.3	2.0	5.9
Bude	r	cbcc	50	66	19	1	2.9	7.4
Ilfracombe	orr	rocb	52	68	17	0.4	2.4	8.0
6 Aberystwyth	acppr	prbe	51	67	3	1	1.6	5.8
Llandudno	rch	hirc	51	64	10	4	0.0	6.9
Colwyn Bay	rnc	cbocp	51	65	11	1	0.1	4.6
Rhyl	orre	cre	51	65	12	1	0.1	8.0
8 Wallasey	RR	Rre	51	65	8	4	0.0	7.4
Southport	orrm	onire	51	63	9	6	0.0	13.1
Blackpool	orR	orope	49	63	10	9	0.0	12.3
Morecambe	inror	cinre	51	65	11	9	0.0	12.3
9 Ilkley	orr	ore	49	62	7	7	0.0	11.8
Harrogate	orr	orc	49	61	7	9	0.0	12.1
10 Berwick-on-T.	orof	nor	48	55	Trace	6	0.0	3.0
11 Dunbar	cm	crr	46	55	Trace	3	0.0	4.1
12 Troon	coc	cpc	48	59	Trace	15	0.0	9.5
Douglas	crrm	crrm	49	57	3	15	0.0	8.1

† Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-6h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th July, 1938.
1 S.E. England	Wind southwest to west, strong, squally, gale on coast moderating; cloudy and brighter periods; some showers; rather cool.
2 E. England	Wind south, fresh, veering southwest to west; dull; occasional rain at first; brighter periods with showers later; cool.
3 E. Midlands	Wind northwest, strong to gale on coasts, moderating slowly; mainly cloudy; some showers; brighter intervals; cool.
4 W. Midlands	Wind variable, fresh locally, becoming southwest; dull, occasional rain today; brighter intervals and showers tomorrow; a chance of local thunder; cool.
5 S.W. England	Wind easterly to variable, moderate to fresh locally; cloudy or dull; occasional rain; a chance of thunder locally; cool.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind north, strong; gale locally on coasts at first, backing northwest, moderating; mainly cloudy; occasional rain today in the East; showers elsewhere; cool.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

† H.M. Stationery Office Press, Kingsway, W.C.2

## 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.

A complex and deep depression centred over South Wales is moving north-northeast. Weather will be very unsettled and cool with rain in most districts, and some local thunder. Gales will occur at first on the south and southwest coasts.

### FURTHER OUTLOOK.

Cool and showery.

Times of issue of Gale Warnings.

- North Cone hoisted at 0900 G.M.T. on 7/7/38 in dist. 17 and part of 20; at 1525 G.M.T. 7/7/38 in dist. 6, part of 19 and remainder of 20; at 0250 G.M.T. on 8/7/38 in dist. 13A, and part of 18.
- South Cone hoisted at 0900 G.M.T. on 7/7/38 in dist. 5; at 0250 G.M.T. on 8/7/38 in part of dist. 1; at 0500 G.M.T. on 8/7/38 in remainder of dist. 1 and part of 2.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.

## AIR

Hours of  
Greenland,  
America and  
G.M.T.; U  
Asia), 1h. lo

Hours of  
Greenland,  
America and  
G.M.T.; U  
Asia), 1h. lo



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

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

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HIGH

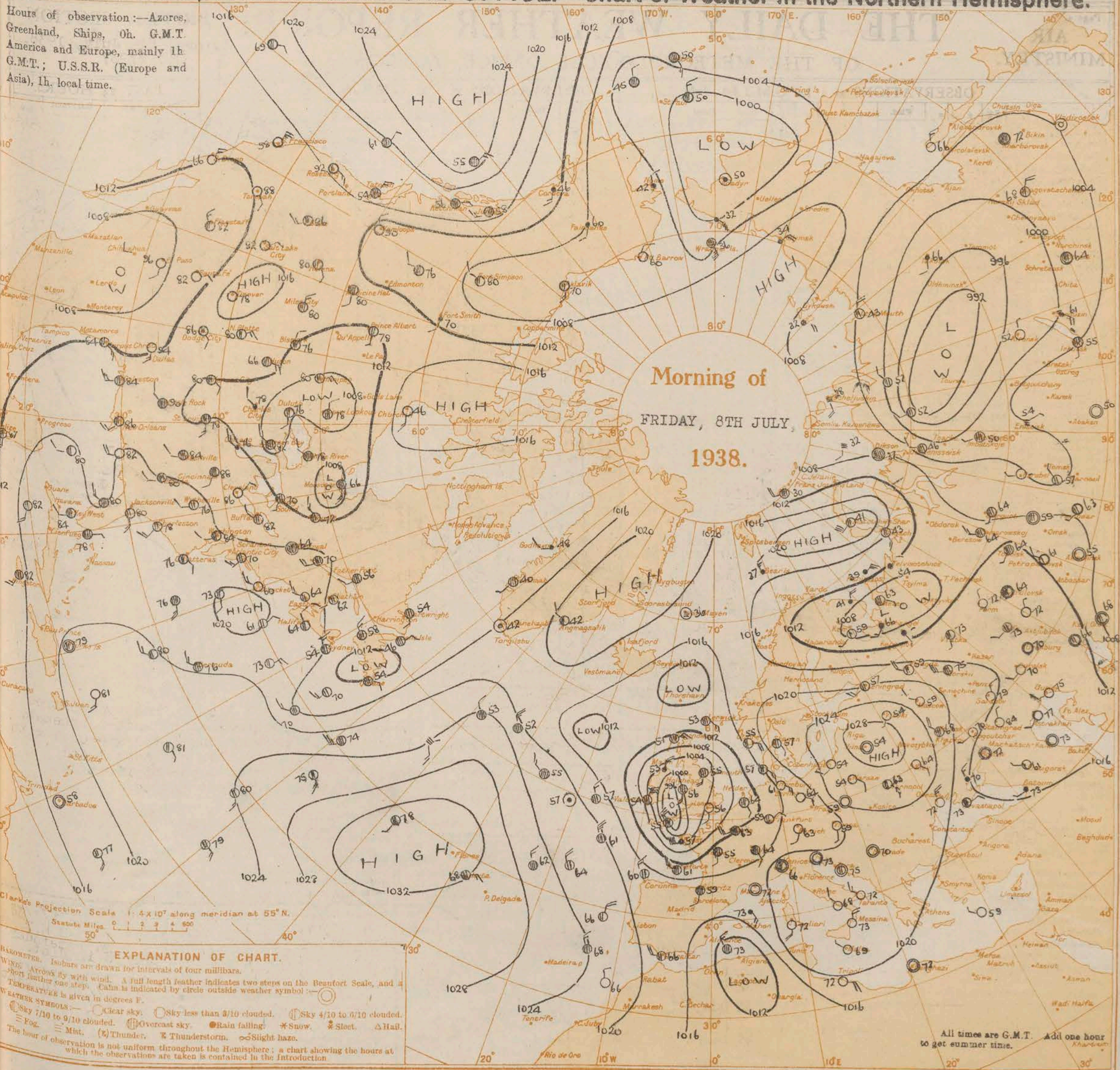
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## EXPLANATION OF CHART.

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

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



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 8th July, 1938.

No. 27987.

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. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 7h. 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.				
																																	(1)	(2)	(3)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1002.3	-20	SSE	5	ld.	56	85	6	6	2	-	7-8	10	1500	1	*	75	55	51	1	Tr	1.6	
	Croydon	217	1006.7	0	SE	1	b	56	92	8	-	4	-	1003.2	-22	SSE	5	ld.	56	85	8	6	2	-	9+	10	1500	1	*	75	55	50	3	Tr	6.3
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	1001.7	-16	S	3	ld.	54	92	6	6	2	-	9	10	450	1	*	73	53	47	4	1	4.0	
	Boscon. be Down	417	*	*	*	*	*	*	*	*	*	*	997.4	-24	S	6	ld.	53	97	6	6	2	-	10	10	220	1	*	63	50	50	9	5	2.9	
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	101.2	-14	SE	9	ld.	53	85	6	6	2	-	7-8	10	800	1	0	66	56	54	13	0.6	1.53	
	Lympe	346	1008.5	+2	SSW	3	bc	56	85	8	5	-	-	1008.0	-4	S	5	c	57	75	8	4	-	4-6	7-8	2500	1	55	71	55	52	4	-	6.0	
	Manston	142	1007.4	+2	SSW	3	bc	59	85	4	-	3	-	1006.5	-10	SSW	6	c	59	65	7	2	4	-	4-6	7-8	2500	1	*	73	55	52	Tr	18	7.0
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1005.6	-8	SE	7	c	59	85	8	9	-	-	10	10	1500	1	*	74	57	51	3	Tr	4.9	
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1006.4	-2	SE	7	c	60	75	7	1	-	-	7-8	9	2500	0	5	70	58	55	Tr	2	6.1	
	Gorleston	5	1006.1	-2	SSW	3	c	59	97	7	8	-	-	1006.2	0	SSW	5	bc	60	75	8	1	-	-	4-6	4-6	2500	1	3	65	58	57	4	4	7.2
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	1003.8	-10	SSE	5	c	58	75	8	1	-	-	9+	9+	2500	1	*	74	55	50	0.5	2	3.1	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1001.9	-14	SSE	5	c	56	85	8	5	7	-	7-8	9+	2500	1	*	70	49	44	1	4	1.1	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	998.2	-30	SE	4	ir	52	92	7	6	-	-	10	10	800	1	*	67	50	46	10	3	0.3	
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	999.8	-34	SE	4	ir	52	97	6	6	-	-	10	10	800	1	*	71	51	47	6	0.1	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	994.4	-34	SE	3	ir	53	92	7	6	-	-	9+	9+	2500	1	*	67	51	49	4	5	1.2	
5	Hartland Point	299	996.1	-24	SE	4	c	53	85	8	5	-	-	996.8	+50	NW	4	bc	53	97	6	2	-	-	4-6	4-6	1500	1	3	62	51	50	3	5	3.1
	Bristol	209	*	*	*	*	*	*	*	*	*	*	994.8	-18	S	4	bc	55	92	4	6	2	-	-	9	10	800	1	*	69	51	49	2	5	3.6
	Portland Bill	32	1001.6	-2	S	5	c	57	85	8	5	4	-	997.7	-6	SW	6	o	56	92	5	5	-	-	10	10	1500	1	5	61	55	*	3	3	*
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	998.8	+50	WS	4	c	53	92	5	5	-	-	9	9+	1500	1	2	63	53	51	4	3	2.2	
	The Lizard	240	993.4	-18	WS	4	oif	53	92	3	5	-	-	1000.2	+36	WNW	5	bc	54	97	5	5	-	-	10	10	1500	1	3	59	53	*	0.5	0.6	0.5
	Scilly (St. Mary's)	163	994.2	+12	WNW	6	c	55	97	8	5	-	-	1001.9	+42	NW	8	c/r	53	85	6	9	-	-	10	10	800	1	4	61	52	*	0.6	2	0.5
	Guernsey	175	1003.6	-24	SW	6	c	55	85	8	5	-	-	1003.8	+16	SW	6	ir	54	97	6	5	-	-	10	10	1500	1	4	70	54	51	0.6	2	5.8
6	Pembroke	142	998.4	0	ESE	5	c	53	85	7	8	-	-	996.7	+6	NW	3	c	54	85	8	8	-	-	9	9	1500	1	2	61	51	*	11	0.4	1.1
7	Holyhead	28	999.8	+4	SE	3	c	56	85	8	8	-	-	997.7	-4	E'N	2	c	56	75	8	8	-	-	9+	9+	4000	1	1	59	53	47	28	0.1	0.0
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	998.8	-14	E'N	3	ir	54	85	6	6	2	-	4-6	10	2500	1	*	64	50	43	6	0.2	0.0	
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	999.8	-18	ESE	4	ir	55	75	6	6	2	-	7-8	10	2500	1	*	65	50	47	7	2	0.0	
10	Spurn Head	29	1004.0	-4	S	3	c	59	92	7	6	1	-	1003.0	-4	SE	5	c	59	75	7	8	3	8	4-6	7-8	1500	1	3	64	55	*	0.6	1	1.2
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1002.0	+4	SSE	2	c	56	85	8	8	3	-	7-8	9	2500	1	*	63	50	45	14	1	0.0	
	Tynemouth	108	1003.0	-12	S	4	c/r	53	92	7	8	-	-	1002.6	+4	S	4	bc	57	75	6	2	-	4	2-3	4-6	2500	1	2	53	54	52	8	1	0.7
11	St Abbs Head	280	1004.3	-24	SE	2	c	53	97	6	3	2	-	1000.6	-10	SSE	2	c	55	97	5	3	2	-	4-6	9+	1500	1	2	55	52	*	5	6	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	1001.0	-10	NNE	2	c	53	97	5	5	2	-	7-8	10	1500	1	*	57	52	52	3	19	0.0	
12	Ranfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	1002.0	-2	EN	2	ir	56	97	5	6	-	-	10	10	900	1	*	59	51	50	12	30	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	1000.8	-2	SE	1	c	53	85	8	3	-	-	9	9	1500	1	*	53	50	46	9	6	0.0	
	Point of Ayre	30	999.4	-8	SW	3	c	58	97	7	8	-	-	999.6	0	SE	2	c	58	85	8	3	-	-	4-6	7-8	1500	1	1	56	50	*	17	11	0.0
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	1002.9	-8	N'E	6	o/r	53	92	6	-	2	-	10	10	800	1	5	59	52	51	-	16	12.1	
13B	Stornoway	80	1012.3	-16	NNE	5	c	51	85	8	5	7	-	1009.4	-12	NNE	5	ir	51	97	6	5	2	-	9	10	1500	1	3	58	50	*	-	2	10.6
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	1004.2	-10	-	0	z	51	92	5	-	-	-	0	0	0	1	*	61	47	47	0.3	23	2.3	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1002.5	-14	NEN	1	c	55	97	6	5	-	-	9+	9+	2500	1	1	58	52	51	3	28	1.7	
	Wick	81	1009.7	-16	E	4	bc	52	97	6	5	2	-	1004.8	-18	ENE	3	pr	53	97	5	5	-	-	10	10	450	1	2	57	51	*	-	9	*
16	Lerwick	156	1013.9	-10	ESE	3	c	53	92	8	5	7	-	1009.0	-20	ESE	5	c	53	92	7	5	2	-	7-8	10	800	1	*	57	51	*	-	2	12.7
17	Blacksod Point	18	1007.5	-10	N'E	8	g	54	92	8	5	-	-	1007.7	+2	N'W	6	cg	54	85	8	9	-	-	9	9+	1500	0	4	60	52	*	-	-	*
18	Malin Head	84	1003.9	-30	N	5	bc	53	92	6	9	-	-	1001.8	-6	N	6	dr	52	97	5	6	-	-	9+	9+	800	1	4	56	50	*	0.3	6	3.9
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	998.4</																						



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 9th July, 1938.

No. 27988.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 8 <sup>th</sup> July														OBSERVATIONS at 18h. G.M.T. 8 <sup>th</sup> July														PAST 24 HOURS.									
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility	Cloud.						State of Ground.	Sea.	WEATHER.									
									Form.			Amount.		Height of Base (feet).								Form.			Amount.		Height of Base (feet).			Form.			Amount.		Height of Base (feet).	7h.—13h. 8 <sup>th</sup> ...	13h.—18h. 8 <sup>th</sup> ...	18h.—8 <sup>th</sup> to 1h. 9 <sup>th</sup> ...	1h.—7h. 9 <sup>th</sup> ...
									Low	Med.	High	Low	Total									Low	Med.	High	Low	Total				Low	Med.	High	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)	1003.1	+8	SW	5	C	63	65	8	5	2	4.6	7.8	1500	1005.6	+10	SSW	5	C	58	85	7	5	-	-	10	10	1500	1	*	cd, n. bc	cd, e	cp, n	c					
	Croydon	1003.8	+6	SSW	5	C/r	57	92	8	2	3	4.6	9	2500	1006.9	+10	SSW	4	n. n.	55	92	8	6	-	-	10	10	1500	1	*	rr, n. bc	n. n. cp, n	cp, n	oid, c					
	S. Farnborough	1003.0	+14	SW	6	C	61	65	7	7	7	-	7.8	9	2500	1005.7	+10	SW	4	q/d	56	85	7	5	-	-	10	10	800	1	*	rr, n. n. c	rr, n. d. c	cid, n. c	c				
	Boscombe Down	1002.1	+20	SW	6	C	59	75	8	9	2	-	7.8	9	1500	1005.1	+14	SW	2	ip	57	97	7	9	-	-	9	9	800	1	*	cd, d. n. c	cp, n. n. c	cr, cd, d. n. c	cr, cd, c				
	Calshot (St. Hmtn.)	1003.7	+14	SSW	6	ir.	57	92	6	6	2	-	7.8	10	800	1006.7	+6	SW	3	q/d	56	92	7	6	7	-	9	10	800	1	4	ci, n. m.	ci, n. n. d. m.	ci, n. n. d. m.	ci, n. c				
	Lymington	1007.4	+2	SSW	7	C	59	75	7	5	2	-	9	10	2500	1009.1	+10	SW	7	q/pr	56	75	7	2	-	-	9	9	2500	1	1	bc	ci, n. c	ci, n. c	ci, n. c				
	Manston	1006.8	+2	SSW	7	C	61	65	7	5	7	-	7.8	9	1500	1008.1	+10	SW	6	C/r	58	75	7	5	-	-	9	9	2500	1	*	bc	ci, n. c	cp, n. r	ci, n. c				
2	Shorebury	1005.2	0	SW	7	ir.	60	85	8	5	7	-	9	10	1500	1007.0	+12	SSW	6	C	58	65	8	9	7	-	7.8	9	1500	0	*	ci, n. c	ci, n. c	ci, n. c	ci, n. c				
	Felixstowe	1005.4	0	S	7	C	61	65	7	5	-	-	10	10	1500	1005.8	+4	SW	7	C	59	75	8	8	7	-	9	9	4000	0	4	bc	cp, n. n. c	c	ci, n. d. c				
	Gorleston	1004.1	-20	SSW	8	C	60	75	6	8	-	-	9	9	2500	1004.7	+4	SW	6	C	60	75	8	8	4	-	4.6	7.8	2500	1	4	bc	cp, n. c	ci, n. c	bc				
	Mildenhall	1001.6	-6	SSE	6	C/r	60	75	8	8	3	1	4.6	7.8	1500	1003.2	+6	SW	5	C/pr	60	75	8	9	3	9	4.6	9	2500	1	*	ci, n. m.	cp, n. c	cp, n. c	ci, n. c				
	Cranwell	998.4	-14	S	5	C/pr	61	85	9	9	7	-	7.8	9	1500	1000.1	+14	SSW	4	C	57	85	7	8	2	-	7.8	10	2500	1	*	d. n. d. n. d.	pr, n. c	ci, n. c	ci, n. c				
3	Birmingham	997.7	+14	SW	4	ir.	55	85	6	6	-	-	10	10	800	1002.4	+24	WSW	3	C	56	75	7	5	-	-	10	10	1500	1	*	oir	oir	pr, n. bc	ci, n. c				
4	Upper Heyford	1000.1	+14	WSW	4	C	62	65	9	8	7	-	7.8	9	1500	1003.9	+14	W	3	C/pr	58	75	9	8	3	1	7.8	9	2500	1	*	ci, n. c	cp, n. c	ci, n. c	ci, n. c				
	Ross-on-Wye	1000.0	+10	SW	4	bc/pr	61	75	8	8	6	3	4.6	4.6	2500	1003.3	+12	SW	3	bc	60	65	8	8	-	-	4.6	4.6	4000	1	*	ci, n. c	cp, n. c	ci, n. c	ci, n. c				
5	Hartland Point	1002.5	+26	WNW	4	C	57	92	8	4	6	-	4.6	7.8	2500	1007.7	+24	WNW	5	Dr	53	92	6	6	2	-	7.8	9	800	1	4	bc	ci, n. c	ci, n. c	ci, n. c				
	Bristol	1001.6	+30	WS	5	C	62	75	8	8	7	-	4.6	7.8	1500	1004.9	+20	WS	5	C	59	75	8	9	7	-	7.8	9	1500	1	*	n. d. c	bc	ci, n. c	ci, n. c				
	Portland Bill	1003.7	+24	WSW	6	C	56	92	7	5	-	-	10	10	1500	1007.6	+30	WSW	6	O	56	92	7	5	-	-	10	10	1500	1	5	oir	oir	ci, n. c	ci, n. c				
	Plymouth	1004.4	+30	W	4	d. d.	56	85	7	6	1	-	9	10	450	1010.2	+34	WNW	5	id.	54	85	6	6	2	-	9	10	800	1	3	ci, n. d. d.	ci, n. m.	ci, n. m.	ci, n. c				
	The Lizard	1006.5	+40	W	6	n. n.	52	97	4	5	-	-	10	10	800	1011.9	+22	W/N	5	C	54	85	7	8	4	-	7.8	7.8	1500	1	3	n. n. m.	ci, n. c	ci, n. c	ci, n. c				
	Scilly (St. Mary's)	1008.2	+28	NW	7	pr	54	85	7	8	2	-	7.8	10	1500	1013.3	+28	NW	6	bc	57	85	7	4	4	3	Tr	4.6	1500	1	4	ci, n. p. q.	ci, n. c	ci, n. c	ci, n. c				
	Guernsey	1008.7	+26	WSW	6	C	58	85	7	8	-	-	9	9	1500	1012.2	+20	W	6	ir	53	97	7	5	-	-	10	10	1500	1	5	onre	pr, n. r	ci, n. c	ci, n. c				
6	Penbroke	1002.2	+8	WNW	4	Cq	58	92	8	2	6	-	7.8	9	1500	1006.8	+16	WNW	7	Cq	55	85	7	8	-	-	10	10	1500	1	4	Cq	cp, n. r	ci, n. c	pr, n. c				
7	Holyhead	999.5	+20	NW	4	C	59	85	7	8	3	-	2.3	7.8	4000	1002.5	+20	NW	4	C	58	85	8	1	3	6	7.8	9	800	1	2	bc	bc	ci, n. c	ci, n. c				
8	Chester (Sealand)	997.1	+4	WNW	2	C/pr	59	85	5	8	7	-	7.8	10	1500	1001.5	+22	WNW	3	Z.	59	75	6	8	-	-	7.8	7.8	2500	1	*	n. n. p. m.	cp, n. m.	ci, n. c	ci, n. c				
	Manchester	996.7	-8	EN	2	C/r	59	92	5	8	7	-	7.8	9	1500	1000.3	+28	W/N	5	C/pr	57	85	7	5	7	-	7.8	10	1500	1	*	ci, n. p. m.	cp, n. m.	ci, n. c	ci, n. c				
10	Spurn Head	999.3	-28	SSE	6	Cq	60	75	7	8	1	-	10	10	1500	998.6	+2	SW	5	C	59	75	6	5	8	-	4.6	7.8	2500	1	4	ci, n. c	cp, n. r	ci, n. c	ci, n. c				
	Catterick	998.8	-16	SE	3	n. n.	55	92	6	6	2	-	9	10	800	998.3	+4	NW	2	C/r	57	92	7	9	7	-	9	9	1500	1	*	n. n. d. n. r.	ci, n. c	ci, n. c	ci, n. c				
	Tynemouth	1001.4	-8	SSE	3	C	55	85	7	8	-	-	9	9	1500	998.7	-6	E	2	C/r	55	92	6	8	-	-	7.8	7.8	1500	1	2	bc	ci, n. c	ci, n. c	ci, n. c				
11	St. Abbs Head	999.7	-4	SSE	5	Cq	57	85	7	2	6	-	4.6	7.8	2500	999.3	-6	SSE	4	C	55	85	7	8	3	1	4.6	7.8	2500	0	3	bc	c	FFe	n. n. c				
12	Leuchars	999.9	-8	E	3	bc	63	65	7	8	-	8	2.3	4.6	4000	999.2	-4	SE	3	bc	60	75	8	7	3	-	2.3	4.6	4000	0	*	com. bc	bc	cz, n. c	ci, n. c				
	Renfrew (Abbots L.)	999.1	-8	WS	1	Z.	66	65	6	2	6	-	4.6	4.6	2500	999.1	0	W	2	C	58	85	8	2	7	6	2.3	9	4000	1	*	n. bc. cz.	cp, n. c	ci, n. c	ci, n. c				
	Esksdalemuir	999.2	-4	SE	3	C	59	65	7	7	3	-	4.6	9	2500	998.4	-6	S	3	C	58	65	7	7	2	-	4.6	10	1500	1	*	bc	ci, n. c	ci, n. c	ci, n. c				
	Point of Ayre	999.5	0	NNE	1	bc	61	85	8	8	4	-	2.3	4.6	2500	1001.1	+8	NW	5	C	57	92	7	5	2	-	7.8	10	800	0	3	bc	ci, n. c	ci, n. c	ci, n. c				
13a	Tiree	1002.4	-2	N	6	O	53	92	6	5	-	-	10	10	800	1004.4	+14	NW	6	C	53	92	7	5	1	-	9	10	1500	1	5	oir	oir	ci,					



# REPORTS from HEALTH RESORTS for 2nd July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)	SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 5h. 8h.	Max. 5h. to 9h. 8h.	Day. 9h. to 5h. 8h.	Sunrise to 37h. 8h.	Sunset to 37h. 8h.
1	Tunbridge W.	or	ocor	54	60	Trace	2	0.9
	Bournemouth	boep	ope	54	61	3	0.5	1.9
	Ventnor	roou	rou	54	57	2	2	3.9
	Southsea	cir	cir	55	62	2	1	0.2
	Bognor Regis	orr	cRR	56	58	0.3	6	0.3
	Littlehampton	oir	oir	57	58	Trace	2	0.1
	Worthing	cir	cir	57	60	Trace	0.3	0.0
	Brighton	cdc	cdc	58	59	Trace	Trace	0.6
	Eastbourne	o	op, oc	56	62	-	0.1	1.0
	Hastings	aqoc	op, c	57	63	-	Trace	1.2
	Folkestone	boere	cbce	57	61	14	Trace	3.1
	Dover	bce	cbce	58	63	6	Trace	4.0
	Deal	bb	cbce	56	65	12	-	5.0
	Ramsgate	c	cp	59	63	13	Trace	7.1
	Margate	bc	bce	57	64	18	-	7.1
2	Southend	oed	cd	56	60	1	Trace	0.8
	Clacton-on-Sea	cboc	cqc	58	62	1	0.2	2.0
	Dovercourt	bc	rocbce	58	62	4	0.5	3.7
	Lowestoft	boer	cqpbce	58	62	3	Trace	3.9
	Skegness	boebce	bc	57	64	3	-	4.3
	Mablethorpe	or	bce	54	65	0.3	Trace	4.4
	Cleethorpe	boer	boer	53	65	0.3	0.3	3.7
3	Leamington S.	ope	cp	52	62	2	1	0.9
4	Cheltenham	ocp	cir	51	62	5	0.5	0.7
5	Bath	cpce	cbce	53	65	7	0.3	3.4
	Weymouth	cd, c	c	54	60	3	Trace	0.5
	Jersey	perc	bce	56	61	0.1	3	3.8
	Torquay	cpq	paq, q	54	60	1	0.4	2.2
	Falmouth	ommo	omho	53	55	1	7	0.0
	Penzance	qrrr	rre	52	56	5	10	0.1
	St. Ives	r	r	52	60	4	21	0.0
	Bude	qgr	qgr	53	59	1	0.3	0.1
	Ilfracombe	rbce	bce	52	60	4	-	5.3
6	Aberystwyth	prebe	bce	52	60	9	-	2.7
7	Llandudno	ir, o	n, cbe	52	60	0.5	1	1.0
	Colwyn Bay	po	pobe	47	61	2	0.3	0.8
	Rhyl	ord	cd, be	51	60	2	1	0.8
8	Wallasey	Rr	ire	52	60	3	4	0.0
	Southport	orrid	cpr	50	61	3	4	0.0
	Blackpool	oro	ope	49	59	1	3	0.3
	Morecambe	circ	cbce	52	60	1	1	3.0
9	Ilkley	or	orc	48	61	6	8	0.0
	Harrogate	cp	cp	50	57	1	5	2.0
10	Berwick-on-T.	bc	bce	51	63	6	-	5.2
11	Dunbar	bc	bc	51	66	9	-	7.5
12	Troon	bbcb	bcb	52	62	33	-	7.7
	Douglas	bc	bc	51	63	11	-	6.4

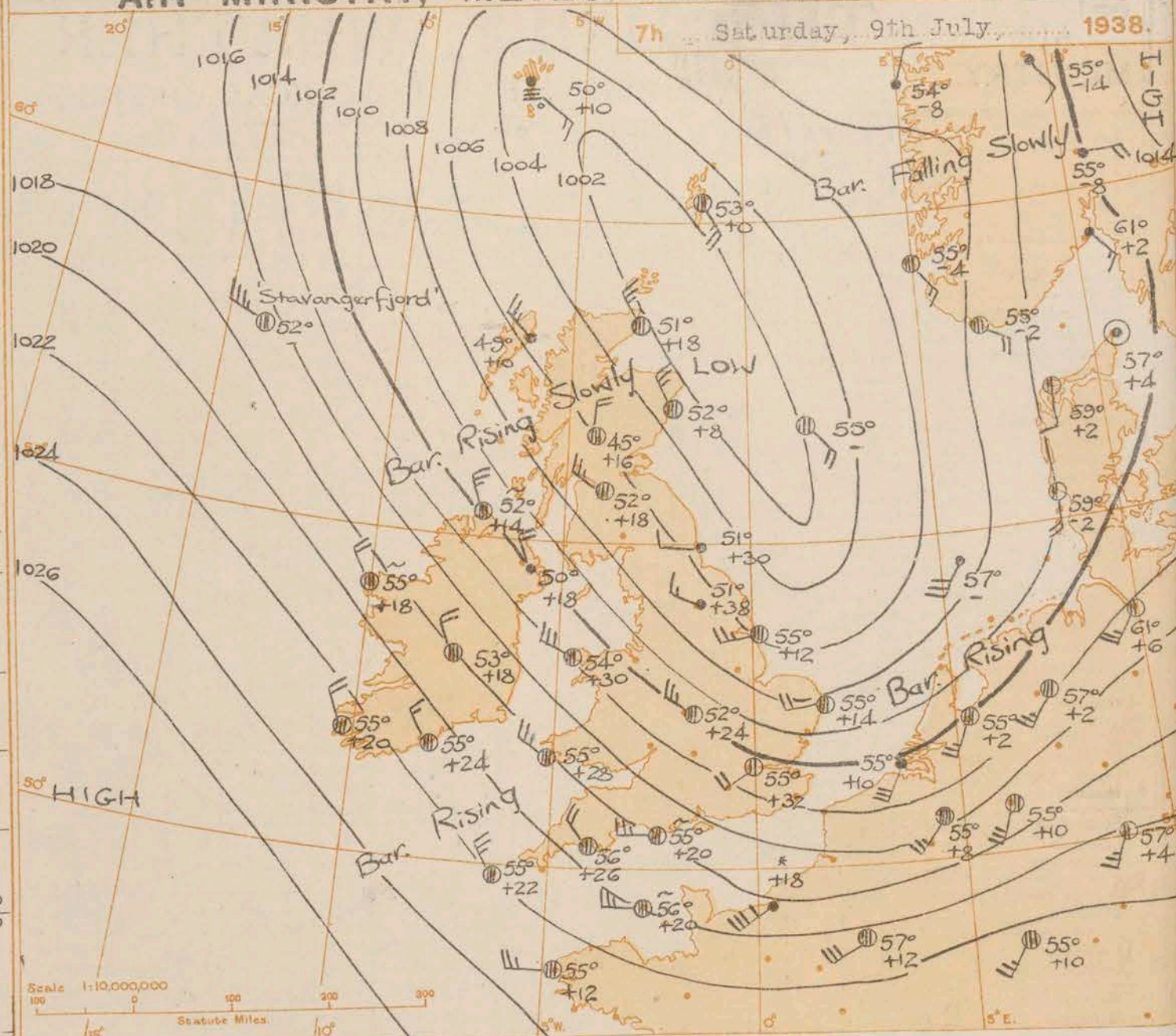
† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th July, 1938.

1 S.E. England	Wind west, fresh, veering northwest, moderate; mainly cloudy; some showers today; considerable sunny periods tomorrow; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind northwest, fresh to moderate; bright periods, local showers today; fine tomorrow; rather cool today, becoming warmer.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Wind west to northwest, fresh, rather squally, moderating slowly; cloudy; some showers; brighter periods especially tomorrow; cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Wind northwest, fresh; cloudy; occasional rain or showers; cool.
16 Orkney and Shetland	
17 N.W. Ireland	As 7 - 14.
18 N.E. Ireland	
19 S.E. Ireland	Wind northwest, moderate, backing slowly tomorrow; bright periods; local showers; rather cool.
20 S.W. Ireland	

H.M. Stationery Office Press, London, E.C.4.

## AIR MINISTRY, METEOROLOGICAL OFFICE.



Scale 1:10,000,000  
100 200 300  
Statute Miles.

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 eastward of Scotland will move slowly away northeastward and be followed by a ridge of high pressure from the Atlantic. Weather will be cool and showery in most districts today, but will become fair in the southern half of the country by tomorrow with a slow rise in temperature.

### FURTHER OUTLOOK.

Fair and warmer for at least a day or two in the Southern half of the British Isles.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.  
Director.

## AIR

Hours of  
Greenland,  
America and  
G.M.T.;  
Asia), 1h. 1

Hours of  
Greenland,  
America and  
G.M.T.;  
Asia), 1h. 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.

IG-I  
61°  
+2  
57°  
+4  
61°  
+6

1

Clankes Projection Scale 1:4x10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 1 2 3 4 500  
50

## EXPLANATION OF CHART.

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS:** ☉ Clear sky. ☁ Sky less than 2/10 clouded. ☂ Sky 4/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. \* Snow. ❄ Sleet. ⚡ Hail.  
☁ Fog. ☁ Mist. ⚡ Thunder. ⚡ Thunderstorm. ☁ Slight haze.  
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

Morning of  
SATURDAY, 9TH JULY,  
1938.

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

F.R.



[illegible]

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

<sup>1</sup> See disturbance reported from Dungauast.



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday, 10th July, 1938.  
No. 27989.

STATIONS.	OBSERVATIONS at 13h. G.M.T. 5th July.														OBSERVATIONS at 18h. G.M.T. 5th July.														PAST 24 HOURS.					
	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. at 13h.	Humid. %	Visib. in miles.	Cloud.					Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. at 18h.	Humid. %	Visib. in miles.	Cloud.					State of Ground.	Sea.	WEATHER.					
			Dir.	Force.					Low.	Med.	High.	Low.	Total.			Height of Base (feet).	Dir.					Force.	Low.	Med.	High.	Low.			Total.	Height of Base (feet).	7h.—13h. 5th.	13h.—18h. 5th.	18h.—5th to 10th.	10th.—7h. 10th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	
(For heights see p. 4.)																																		
1 London (Kew)	1017.2	+20	WSW	3	c	60	55	8	5	-	-	3+	3+	1500	1019.1	+10	W	3	c	62	55	8	5	-	-	7-8	7-8	2500	1	*	cpr.c	cpr.c	c	bc
Groydon	1017.2	+18	WSW	5	pr	58	65	8	8	-	-	7-8	3+	4000	1019.2	+10	WN	5	c/pr	61	65	8	8	6	-	3	3+	4000	1	*	cpr.	cpr.y	cpr.bc	bcwbc
S. Farnborough	1017.3	+20	WN	4	c/r	59	55	8	7	-	-	3+	3+	7200	1019.5	+6	W	4	c	60	65	8	7	-	-	3+	3+	4000	1	*	id.cir.y	cyc	c	c
Boscombe Down	1018.6	+14	WN	5	c	59	65	8	3	-	-	7-8	3	1500	1020.7	+8	WN	4	c	58	75	8	3	-	-	4-6	3	2500	0	*	cir.c	c	c	c
Calshot (St. Martin's)	1013.2	+16	WS	5	c	59	65	8	7	-	-	4-6	3+	2500	1021.0	+10	WS	4	c	60	65	8	7	-	-	7-8	3+	4000	1	2	cir.c	cbee	cbee	c
Lympne	1017.5	+22	W	4	c	58	65	8	3	-	-	4-6	3	4000	1019.3	+8	WSW	4	c	59	65	8	8	3	-	7-8	3+	2500	0	3	cbee	cye	cpr.bcc	cbee
Manston	1016.2	+18	WS	5	c	59	65	8	8	-	-	7-8	7-8	1500	1018.6	+10	WNW	4	pr	56	85	8	8	-	-	3	3	1500	1	*	cir.c	cpr	pr.c	cbee
2 Shoeburyness	1016.0	+10	W	4	c	63	65	8	7	-	-	3+	3+	2500	1018.3	+8	WSW	3	c	59	75	8	7	-	-	7-8	7-8	2500	1	*	c	cpr	cbe	bc
Felixstowe	1014.5	+16	WS	5	c	61	55	8	5	3	-	7-8	3+	4000	1017.1	+6	SWW	4	c	60	75	8	5	3	-	4-6	7-8	4000	0	2	cir.c	cpr	cir	cbee
Gorleston	1012.2	+20	WSW	4	c/r	54	75	6	5	-	-	3+	3+	2500	1014.8	+10	W	4	c	58	75	7	8	-	-	3+	3+	2500	0	2	cir.	cpr	cpr.c	cpr.c
Mildenhall	1014.4	+24	WN	4	pr	57	75	8	6	1	-	7-8	10	2500	1016.5	+8	WN	5	ir.	53	75	6	8	-	-	3+	3+	2500	1	*	cir.	cir.z.	cir.z.	bcc
Cranwell	1012.0	+20	WNW	5	c/pr	55	75	8	8	-	-	3	3+	2500	1014.9	+18	WNW	4	c	57	65	8	8	4	-	7-8	3	1500	1	*	cir.c	cpr	cir.c	c
3 Birmingham	1015.3	+18	NW	4	bc/pr	57	65	8	8	7	-	4-6	4-6	1500	1018.5	+8	W	3	pr	56	75	8	8	-	-	7-8	7-8	2500	1	*	cbee	cpr	pr.c	c
Upper Heyford	1016.8	+18	WN	5	c	59	65	8	5	1	-	3+	3+	1500	1019.6	+20	WN	4	pr	58	65	3	5	3	-	3	3+	2500	0	*	cpr.c	cpr.c	cpr.c	c
Ross-on-Wye	1017.9	+14	W	4	c	60	55	8	8	-	-	7-8	7-8	4000	1019.9	+6	WN	3	bc	57	65	8	8	-	-	4-6	4-6	4000	1	*	cbee	cpr	cpr.c	c
4 Hartland Point	1021.1	+10	WNW	4	bc	58	75	8	4	-	-	4-6	4-6	1500	1022.5	+2	NW	4	c	57	85	8	8	1	-	4-6	7-8	1500	0	3	bc	cbe	cbee	ir.c
Bristol	1019.3	+14	W	4	c	58	75	8	5	-	-	3	3	1500	1021.2	+8	W	4	c	57	75	8	5	-	-	3	3	1500	1	*	c	cpr	c	c
Portland Bill	1020.1	+14	W	5	c	61	85	8	5	4	-	4-6	9	2500	1022.1	+6	WNW	4	c	58	85	8	5	4	-	4-6	10	2500	1	4	c	c	c	c
Plymouth	1022.1	+10	WN	3	c	61	55	8	7	3	-	7-8	3	2500	1023.3	+10	WNW	4	c	59	65	8	7	4	-	2-3	3+	2500	1	2	cayv	cpr	c	c
The Lizard	1024.0	+10	WNW	3	c	59	75	8	6	-	-	4-6	7-8	2500	1025.2	+10	WN	3	bc	57	85	8	8	6	-	4-6	4-6	2500	0	2	bcc	bc	bcc	c
Scilly (St. Mary's)	1024.8	+14	NW	4	c	61	75	8	3	-	-	2-3	3+	2500	1026.3	+10	NW	5	c	57	85	8	3	-	-	2-3	7-8	2500	1	3	c	c	c	c
Guernsey	1023.3	+16	WNW	5	c	60	71	8	5	3	-	4-6	3+	2500	1024.4	+4	WN	3	c	58	85	7	-	3	-	0	3	-	1	4	c	c	cw	cw
5 Pembroke	1021.1	+8	W	7	cq	56	85	7	8	6	-	7-8	10	1500	1021.9	+12	WS	6	cq	56	85	7	8	6	-	4-6	3+	1500	1	4	cq	cq	cq	cgrm
Holyhead	1016.9	+10	WN	5	c	57	75	8	8	-	-	7-8	9	7200	1018.3	+6	WN	5	c	56	75	8	8	-	-	3+	3+	5700	1	3	c	c	c	cgrm
Chester (Sealand)	1015.7	+12	W	6	c	58	75	8	3	-	-	4-6	7-8	1500	1017.8	+12	WSW	5	c	57	75	8	7	3	-	3	3+	2500	1	*	c	c	c	cgrm
Manchester	1014.0	+18	NW	6	c	57	65	8	3	-	-	7-8	3+	1500	1016.3	+10	W	5	c	55	85	8	5	3	-	4-6	7-8	1500	1	*	cpr.c	cpr.c	cpr.c	c
6 Spurn Head	1010.8	+20	NW	6	a	60	65	7	8	7	1	4-6	7-8	800	1013.1	+16	WNW	6	c	58	65	7	5	4	-	7-8	3	1500	1	3	cpr	cq	pr.c	c
Catterick	1010.7	+18	WN	5	c	57	65	8	5	-	-	3+	3+	1500	1013.0	+12	WNW	4	c/pr	57	65	8	5	7	-	4-6	3	1500	1	*	cpr	cpr	cpr.c	c
Tynemouth	1008.2	+10	W	2	ir.	55	65	7	-	2	-	10	10	1500	1010.3	+12	W	4	c	59	55	7	8	-	-	3+	3+	1500	1	2	cir.c	cir.c	cir.c	c
7 St. Abbs Head	1007.8	+20	WNW	2	c/r	53	75	8	8	3	1	7-8	9	2500	1008.8	+2	WNW	5	c	55	65	9	8	7	-	4-6	3	2500	0	3	pr	pr.c	rr.bcc	cq
Leuchars	1007.3	+14	WNW	5	bc	58	55	9	7	-	-	4-6	7-8	1500	1008.8	+8	NW	5	c	58	55	9	8	3	3	4-6	7-8	2500	1	*	cpr	cpr	cpr.c	c
Renfrew (Abbots I.)	1010.5	+10	WNW	5	pr	57	65	8	2	6	-	4-6	4-6	4000	1011.9	+6	WN	5	c	55	75	8	8	-	-	7-8	7-8	4000	1	*	cpr	cpr	cpr.c	c
Eskdalemuir	1009.7	+18	WN	4	c	54	65	8	5	-	-	7-8	7-8	1500	1011.8	+10	WN	6	c	54	65	8	5	-	-	7-8	7-8	2500	1	*	c	cpr	cpr	c
Point of Ayre	1013.9	+18	WNW	4	pr	58	75	7	3	-	-	7-8	3+	1500	1015.6	+6	NW	6	c	57	75	8	8	3	-	4-6	3+	2500	0	4	cpr	cbe	cpr	c
8 Three	1013.1	+8	NW	5	c/pr	53	62	8	8	4	-	4-6	3+	1500	1013.3	-2	NW	5	c/pr	52	92	6	9	7	-	7-8	10	800	0	4	cpr	c	cpr	c
Sarnoway	1009.9	+4	NW	5	ir.	54	65	8	5	7	-	7-8	3+	1500	1009.6	-10	WNW	5	ir.	50	97	6	5	2	-	3	10	1500	1	3	cir.	cir	cpr	c
9 Dalwhinnie	1010.6	+8	N	4	c	51	65	8	4	6	-	4-6	10	2500	1011.6	+8	N	5	c	50	75	7	4	6	-	7-8	10	2500	0	*	c	cir	cpr	c
Aberdeen	1005.5	+18	NW	6	c	53	75	8	5	7	-	7-8	3+	1500	1007.4	+10	NW	5	c	55	65	8	2	3	2	4-6	7-8	1500	1	2	c	cir	cpr	c
Wick	1004.8	+8	NW	6	c	52	92	7	5	2	-	7-8	10	1500	1006.0	+6	NW	6																

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER	
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# REPORTS from HEALTH RESORTS for 5th July 1938.

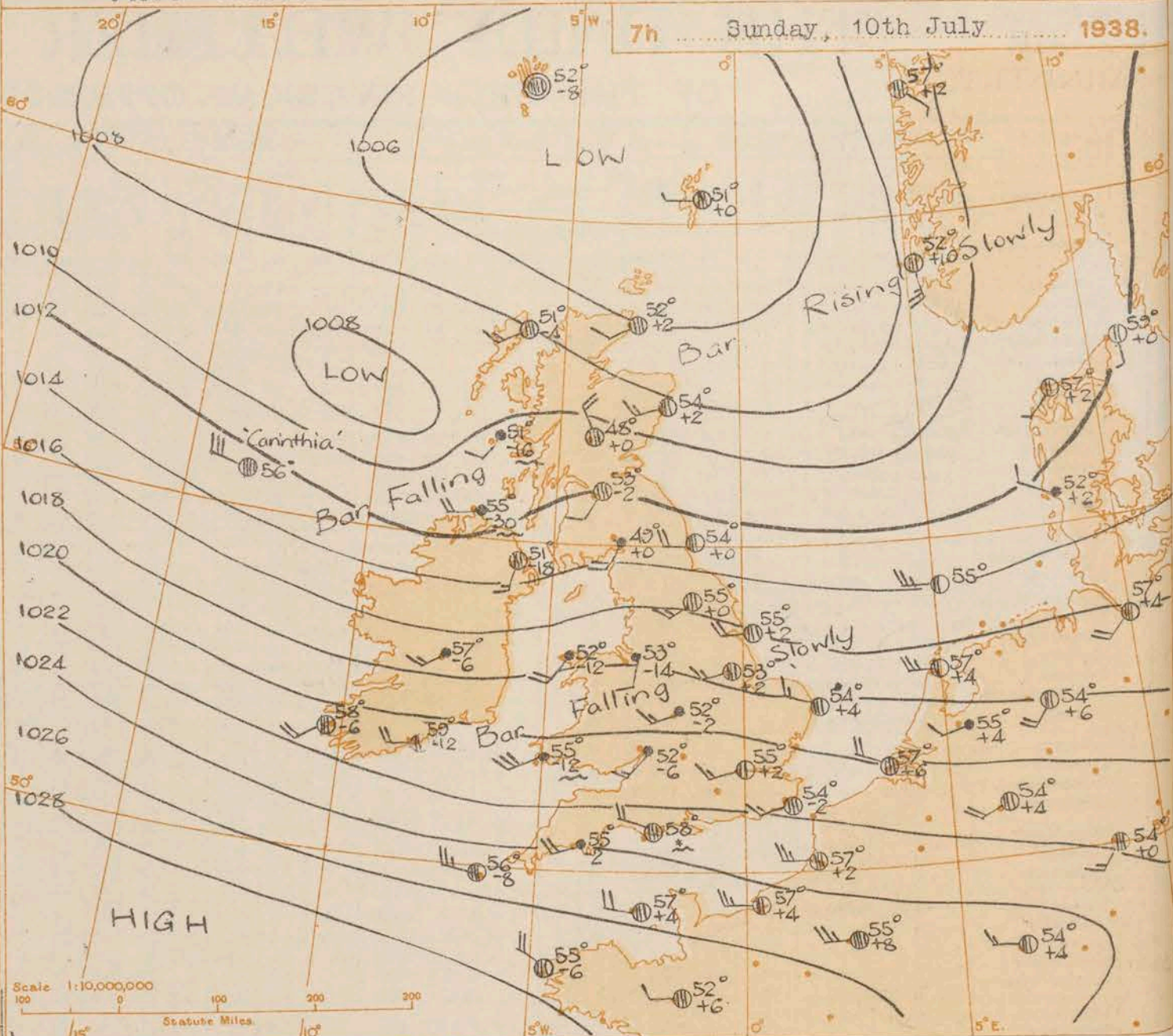
STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (ins.)		Sunshine (Hrs.)	
	Forenoon.	Afternoon.	Min. 9h. to 5h.	Max. 5h. to 9h.	Night 9h. to 5h.	Day 9h. to 5h.	Sunrise to Sunset.	Seaside to Sunup.
1 Tunbridge W.	oc	ocbc	52	63	3	-	2.7	0.9
Bournemouth	ocbc	c	52	61	0.5	-	1.2	2.0
Ventnor	ocpe	oc	53	62	3	Trace	1.2	0.1
Southsea	bcc	ebcc	54	64	0.2	-	3.4	0.2
Bognor Regis	bc	berbc	54	62	1	Trace	3.0	0.3
Littlehampton	c	cbc	54	62	1	-	2.1	0.1
Worthing	c	c	54	63	1	-	2.6	0.0
Brighton	cbcc	cpe	55	63	1	Trace	2.2	0.6
Eastbourne	co	oc	55	63	2	-	2.8	1.2
Hastings	coc	cbc	54	64	2	-	3.3	1.6
Folkestone	c	c	54	64	1	-	2.5	3.3
Dover	bccp	cy	55	64	1	Trace	1.8	4.1
Deal	cbc	berbc	54	65	1	*	3.5	5.6
Ramsgate	bc	bc	55	63	2	*	3.9	7.4
Margate	bcc	bccp	54	63	0.5	0.3	2.7	7.4
2 Southend	c	cpe	54	64	Trace	0.5	2.1	0.8
Clacton-on-Sea	cy	ebccp	54	63	Trace	0.5	1.4	2.4
Dovercourt	prbc	rbcc	57	62	-	0.3	1.9	3.9
Lowestoft	c/c	c	53	63	Trace	Trace	1.2	4.2
Skegness	rcoc	c	51	61	3	Trace	0.5	4.4
Mablethorpe	o	bcc	51	62	2	-	1.6	4.4
Cleethorpe	cr	bcc	52	62	Trace	1	2.0	4.0
3 Leamington S.	cpe	c	52	62	-	0.1	1.7	0.9
4 Cheltenham	c	c	52	63	-	-	1.7	1.3
5 Bath	cbc	c	53	61	1	-	1.1	3.7
Weymouth	c	c	53	62	0.2	-	1.5	0.5
Jersey	rebc	bcc	55	61	2	-	3.0	3.8
Torquay	cbcc	bccvy	54	63	-	-	6.1	2.2
Falmouth	c	b	53	63	-	-	5.2	0.0
Penzance	berbc	berbc	52	64	-	-	6.1	1.1
St. Ives	b	b	51	61	-	-	7.4	0.8
Bude	cbc	bcc	50	60	0.3	-	3.4	0.1
Ilfracombe	berbc	ebcc	54	59	2	-	6.8	5.3
6 Aberystwyth	pre	c	53	60	1	-	0.1	2.7
7 Llandudno	erc	c	52	59	1	3	0.5	1.5
Colwyn Bay	orrc	bcc	52	60	2	5	0.5	1.2
Rhyl	odc	cbcc	52	58	3	0.1	0.4	1.4
8 Wallasey	Rrbc	baire	51	58	4	5	1.8	0.0
Southport	cprg	bccp	51	59	6	2	2.5	0.3
Blackpool	coc	cpc	52	59	5	0.5	2.9	0.8
Morecambe	dbcc	bedbc	52	58	3	0.5	3.6	3.2
9 Ilkley	cr,cb	bc	49	60	3	Trace	4.9	0.0
Harrogate	cbc	bccp	50	60	2	Trace	4.7	2.3
Berwick-on-T.	or,rc	orc	49	60	4	1	1.4	5.2
11 Dunbar	err	cpr	49	60	4	2	1.5	9.5
12 Troon	bccp	ocpcc	50	57	15	Trace	1.0	7.7
Douglas	cpr	c	49	57	8	0.3	3.7	7.0

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th July, 1938.
1 S.E. England	Wind west, moderate; cloudy with occasional slight rain; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind west to southwest, moderate to fresh; dull, occasional rain or drizzle; local coastal fog; cool.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Wind south to southwest, light to moderate, becoming westerly and freshening; cloudy, occasional rain or drizzle later; cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind westerly, moderate to fresh; dull, occasional rain or drizzle; cool.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Winds light variable, becoming southerly, moderate; cloudy, occasional rain or drizzle later; cool.
16 Orkney and Shetland	
17 N.W. Ireland	As 12 - 14.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H.W. Stationary Office Press, Kingsway, W.C.2

## 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.

A disturbance to the North of Ireland will move eastwards. Weather will be cloudy and cool with rain at times in most districts.

### FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1100 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

## AIR

Hours of  
Greenland,  
America and  
G.M.T.; U.  
Asia), 1h. loc





# 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.

Sunday, 10th July, 1938.  
No. 27989.

OBSERVATIONS at 1 hr. G.M.T. 10 <sup>th</sup> July														OBSERVATIONS at 7 hr. G.M.T. 10 <sup>th</sup> July														PAST 24 HOURS.														
District	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	TEMPERATURE.				RAINFALL.				Sun-shine in Hrs.						
										Form.			Amount.									Height of Base. (feet)	Form.			Amount.		Height of Base. (feet)	Low.	Med.	High.	Low.	Med.	High.	Low.		Med.	High.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	
										Low.	Med.	High.	Low.	High.									Low.	High.	Low.	High.																Low.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1021.3	+2	WSW	3	bc	57	75	8	8	3	3	2.3	4.6	2500	0	*	64	52	48	Tr.	-	4.0							
	Croydon	217	1021.1	+2	WSW	4	bc	53	85	8	-	4	4	0	4.6	-	1021.2	+2	W'S	3	bc	55	85	8	1	4	3	Tr	4.6	1500	1	*	63	53	47	Tr	-	3.8				
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1021.5	+2	W'S	3	c	55	85	8	1	7	-	Tr	9	1500	1	*	63	49	45	Tr	-	1.3							
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1021.8	0	SW	2	c	53	85	8	5	7	-	9	10	2500	0	*	60	50	48	Tr	-	2.2							
	Calshot (Stmnts.)	8	*	*	*	*	*	*	*	*	*	*	*	1022.4	0	WSW	3	c	56	75	8	7	7	-	4.6	9	4000	0	2	62	52	50	Tr	-	2.2							
	Lympe	346	1021.7	+2	WS	3	c	53	85	8	5	3	-	4.6	9	5700	1021.8	-2	W'S	3	c	54	85	8	5	3	-	4.6	7.8	5700	1	63	48	46	-	0.4	3.4					
	Manston	142	1020.7	+2	WSW	3	c	53	85	8	5	3	-	4.6	7.8	7200	1020.9	+2	W'S	2	c	54	85	8	5	4	-	7.8	9+	4000	1	*	63	49	46	0.2	Tr	2.6				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1020.5	0	WSW	3	bc	57	85	8	7	-	-	4.6	4.6	4000	0	*	64	52	48	0.1	-	3.3							
	Felixstowe	16	*	*	*	*	*	*	*	*	*	*	*	1019.8	+4	SWW	3	c	55	85	7	5	3	5	4.6	7.8	5700	0	2	62	52	48	Tr	-	2.1							
	Gorleston	5	1018.1	+10	W	4	c	54	85	7	8	-	-	9	9	2500	1018.8	+4	WNW	3	c	54	75	7	5	4	-	4.6	9+	2500	1	61	52	50	Tr	-	0.9					
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1019.0	+10	WS	4	c	56	75	8	1	3	1	9	4000	0	*	61	50	48	0.1	0.3	0.9								
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1017.4	+2	W'S	3	c	53	85	8	8	4	-	9	9	2500	1	*	61	50	47	0.4	Tr	2.2							
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1018.8	-2	WSW	3	ir	52	85	8	5	-	-	10	10	1500	1	*	59	51	50	0.3	Tr	2.0							
	Upper Hayford	408	*	*	*	*	*	*	*	*	*	*	*	1020.4	+4	W'N	3	c	53	75	8	7	4	-	9	9+	2500	0	*	61	49	45	0.6	0.3	*							
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1020.1	-6	SW	3	ir	52	85	8	6	2	-	7.8	10	2500	1	*	62	51	48	-	0.2	4.5							
5	Marland Point	293	1023.6	0	WNW	5	c	55	75	8	8	-	-	9	9	1500	1021.4	-12	WSW	5	ir	53	97	8	6	2	-	7.8	10	800	1	3	59	52	52	-	Tr	5.3				
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1021.7	-2	WSW	3	ir	53	92	8	5	2	-	9	10	1500	1	*	60	50	45	Tr	0.2	0.8							
	Portland Bill	32	1022.5	-4	W	4	c	56	85	8	5	-	-	10	10	2500	1022.5	*	WNW	4	c	58	85	8	5	7	-	7.8	9	2500	1	4	62	52	-	-	*					
	Plymouth	82	1026.4	0	W'N	3	c	54	92	8	8	2	-	4.6	7.8	2500	1024.1	-2	W'S	4	dod	55	85	6	6	2	-	4.6	10	800	1	2	62	53	53	-	Tr	5.5				
	The Lizard	240	1026.9	0	WNW	5	c	55	85	8	8	3	-	4.6	9+	1500	1025.1	-2	WSW	4	c	55	92	8	5	2	-	9	10	1500	1	2	61	53	*	-	7.2					
	Scilly (St. Mary's)	163	1026.9	0	WNW	5	c	55	85	8	8	3	-	4.6	9+	1500	1025.1	-8	W'N	5	c/p	56	92	7	5	5	-	4.6	10	1500	1	3	61	54	*	-	3.7					
	Guernsey	175	1025.3	-2	W	3	c	54	92	8	8	-	-	7.8	7.8	2500	1025.4	+4	W'N	4	c	57	85	7	8	-	-	9+	9+	2500	0	3	62	54	51	-	-	3.4				
6	Pembroke	142	1022.9	+2	WNW	5	cq	55	75	8	5	2	-	7.8	9+	2500	1020.0	-12	WSW	6	r/r	55	97	5	5	-	-	10	10	1500	1	4	59	51	*	-	1	3.2				
7	Holyhead	26	1019.4	-6	W'N	5	c	54	85	8	8	-	-	10	10	4000	1016.7	-12	SW	4	d	52	97	5	5	2	-	7.8	10	450	1	3	59	51	50	-	5	2.0				
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1017.9	-14	S'W	2	r/r	53	85	7	-	2	-	10	10	4000	1	*	59	53	48	0.3	0.4	1.8							
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1017.5	0	SW'S	3	pr	53	85	7	5	2	-	7.8	10	1500	1	*	59	52	50	3	Tr	2.7							
10	Spurn Head	29	1015.7	+6	W	5	c/pr	54	85	7	5	-	-	9+	9+	1500	1016.3	+2	W	4	c	55	75	6	5	-	9+	9+	1500	0	3	61	53	*	0.6	Tr	2.8					
	Catterick	175	1014.6	0	W	3	c	55	75	8	5	7	2	2.3	9	1500	1014.6	0	WSW	3	c	55	75	8	5	7	2	2.3	9	1500	1	3	60	50	46	0.5	Tr	2.4				
	Tynemouth	108	1013.2	+6	W	3	c	52	85	8	5	-	-	9+	9+	2500	1013.1	0	W	4	c	54	75	7	8	-	1	7.8	7.8	2500	1	1	60	51	47	2	0.2	0.7				
11	St Abbs Head	280	1010.9	0	W	5	c/r	51	85	8	3	2	-	7.8	10	1500	1010.8	0	WNW	5	cq	53	75	8	8	2	9	4.6	9+	2500	0	4	58	50	*	0.1	*					
	Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	1010.1	+10	SW	2	c	53	85	8	5	2	-	7.8	10	2500	1	*	61	49	45	0.3	-	3.9							
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1012.2	-2	SW'S	2	c	53	85	8	5	7	-	2.3	10	2500	1	*	60	51	49	Tr	Tr	6.4							
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1013.1	0	SW'S	4	id	49	92	7	-	2	-	10	10	800	1	*	58	47	44	Tr	Tr	5.7							
	Point of Ayre	30	1016.9	+2	WNW	6	c	53	85	8	8	9	-	4.6	9+	1500	1014.7	-14	W	4	ir	52	97	7	8	4	-	7.8	9+	1500	1	3	59	51	*	0.3	1	6.6				
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1010.2	-16	SW'S	2	ir	51	92	6	6	2	-	7.8	10	450	1	4	55	51	49	0.2	1	0.7							
13B	Stornoway	80	1009.4	+4	WNW	5	r/r	52	97	6	5	2	-	7.8	10	1500	*	-4	WSW	3	c	51	97	8	5	2	-	4.6	10	1500	1	2	55	50	*	1	2	2.1				
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	1010.4	0	NNW	4	c	48	92	7	6	2	-	7.8	10	2500	1	*	55	46	44	Tr	0.3	1.7							
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1008.2	+2	W'S	3	c	54	75	9	5	-	-	9+	9+	2500	1	1	56	51	48	0.1	0.1	2.4							
	Wick	81	1005.5	-6	W	1	c	50	92	7	5	7	-	7.8	9	1500	1005.7	+2	WSW	2	c	52	92	8	5	7	-	7.8	9+	1500	1	1	54	49	*	2	Tr	*				
16	Lerwick	156	1005.1	-6	ESE	3	c	52	97	6	5	2	-	7.8	10	800	1004.3	0	W	1	c	51	97	8	8	7	-	7.8	9	800	1	*	55	50	*	0.6	0.6	0.0				
17	Blacksod Point	18	1016.8	-40	W	6	Dr	56	97	6	6	-	-	10	10</																											



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday, 11th July, 1938.  
No. 27990.

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 10th July														OBSERVATIONS at 18h. G.M.T. 10th July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
									Form.			Amount.									Height of Base (feet)	Form.			Amount.			Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	7h.-13h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
									Low	Med.	High	Low	Total									Low	Med.	High	Low						Total	7h.-13h. 10th	13h.-18h. 10th	18h.-10th 11th	10th-11th 11th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																																				(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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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# REPORTS from HEALTH RESORTS for 10th July 1938.

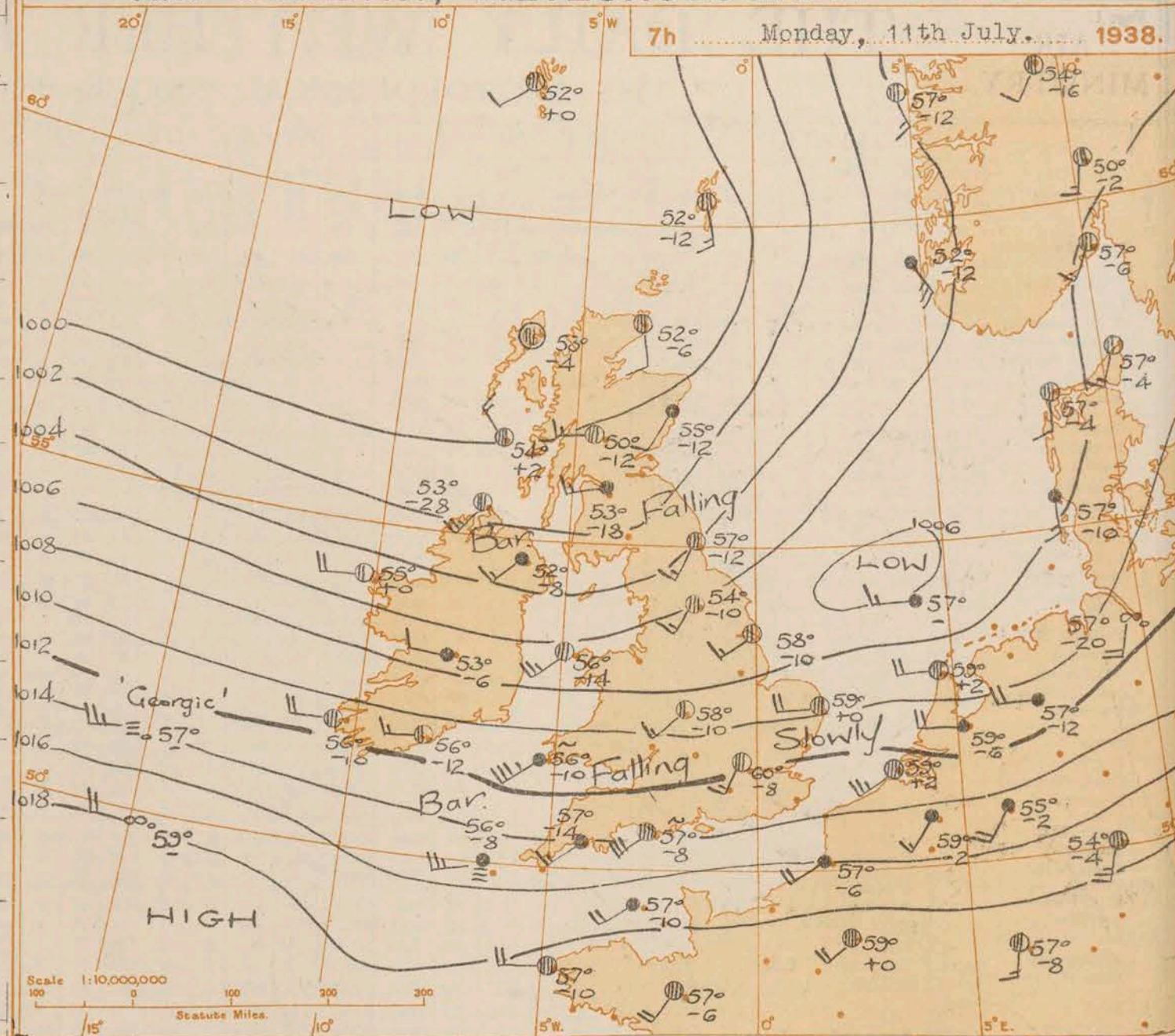
DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 9h. 10th.	Max. 9h. to 9h. 10th.	Night 9h. to 9h. 10th.	Day 9h. to 9h. 10th.	Sunrise to 17h. 10th.	Sunset to 9h. 10th.
1	Tunbridge W.	bc	op	48	61	-	Trace	2.3	3.3
	Bournemouth	c	ccc	52	61	Trace	-	0.5	1.6
	Ventnor	bcop	opom	54	58	Trace	0.3	0.8	1.3
	Southsea	board	odc	54	61	0.6	1	1.1	3.5
	Bognor Regis	bc	no	53	60	0.3	1	1.3	3.8
	Littlehampton	bcen.	ca	52	59	0.1	0.5	1.3	2.9
	Worthing	cid.	edo	52	60	Trace	0.5	1.3	3.0
	Brighton	c	ade	53	60	-	Trace	1.2	2.6
	Eastbourne	cor.o	od.o	54	60	-	0.1	1.9	3.6
	Hastings	ccop.	oop.o	51	62	-	Trace	2.6	4.6
2	Folkestone	veo	oid.o	50	62	2	Trace	1.9	2.5
	Dover	veo	od	53	63	2	0.3	1.9	1.8
	Deal	bcc	c	51	63	1	-	2.5	3.5
	Ramsgate	co	ood	53	62	-	Trace	1.7	4.0
	Margate	cbcc	c	53	64	-	-	1.9	2.8
	Southend	co	or.	51	63	Trace	Trace	1.0	2.6
	Clacton-on-Sea	bcc	cope	52	63	2	1	1.2	2.7
	Dovercourt								
	Lowestoft	c bcc	oir.	52	65	-	Trace	3.0	1.2
	Skegness	cbc	orr.o	51	61	-	1	0.8	0.7
3	Mablethorpe	cbc	oro	51	62	-	2	0.8	1.6
	Cleethorpe	cbc	cr	52	63	-	2	0.9	2.5
	Leamington S.	orc	c	51	67	0.6	-	0.4	2.0
	Cheltenham	c	cbop	50	66	1	Trace	1.3	2.2
	Bath	cr.	c	52	62	1	0.3	0.0	1.1
	Weymouth	c	c	55	60	-	-	0.1	1.5
	Jersey	c	c	55	60	-	-	0.1	3.8
	Torquay	c	cbc	54	66	-	-	2.4	6.1
	Falmouth	ofmdd	a	54	61	Trace	Trace	0.0	5.2
	Penzance	d.o.m.o	om	54	63	Trace	-	0.1	6.7
4	St. Ives	o	c	50	60	-	-	3.2	7.4
	Bude	m.d.o	m.d.o	53	59	0.4	0.4	0.0	3.4
	Ilfracombe	com	dom	54	59	0.2	0.1	0.0	6.8
	Aberystwyth	rrprc	cpr	52	60	6	1	0.2	0.1
	Llandudno	cl	n.cir	51	65	2	3	0.5	0.6
	Colwyn Bay	ccp	pbccp	52	64	2	3	0.1	0.8
	Rhyl	erc	cir	52	66	2	1	0.0	0.8
	Wallsay	c	oir	51	63	0.5	1	0.0	2.0
	Southport	or.r	or.r	52	61	0.5	3	0.0	2.9
	Blackpool	orD	oid	53	60	2	6	0.0	3.1
5	Morecambe	cior	cior	52	60	3	3	0.0	3.7
	Ilkley	oc	cporo	50	64	0.3	0.1	0.7	5.4
	Harrogate	cid.	cid.	50	61	-	0.1	0.6	6.6
	Berwick-on-T.	c	c	50	62	0.4	-	0.9	11.0
	Dunbar	bc	bopr.	50	61	-	Trace	0.3	2.4
	Troon	crac	co	51	59	15	Trace	1.2	1.0
	Douglas	edm	cir	50	61	3	1	0.0	4.6

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th July, 1938.
1 S.E. England	Winds west-southwest moderate; cloudy periods with light local showers, bright periods; average temperature or rather warm.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Winds west fresh, strong locally; dull, occasional drizzle; coastal fog; average temperature.
6 South Wales	
7 North Wales	Winds west moderate to fresh, strong locally; showers and bright intervals; average temperature.
8 N.W. England	
9 N. Midlands	
10 N.E. England	Winds southwest veering west moderate; intermittent rain at first, showers and bright periods later to-day; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind west moderate to fresh backing southwest; showers and bright periods to-day, rain spreading from west tomorrow; average temperature.
13 { A.W.Scotld. B.N.W.Scot-land.	
14 Mid Scotland	
15 N. E. Scotland	As 10 - 11.
16 Orkney and Shetland	
17 N. W. Ireland	As 12 - 14.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2.

## 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.

Pressure is high to south and southwest of the British Isles while depressions are moving eastwards across Scotland. After a period of rain in East Scotland and North England weather will be mainly fair apart from showers. Coastal fog and drizzle is likely to persist in the Southwest.

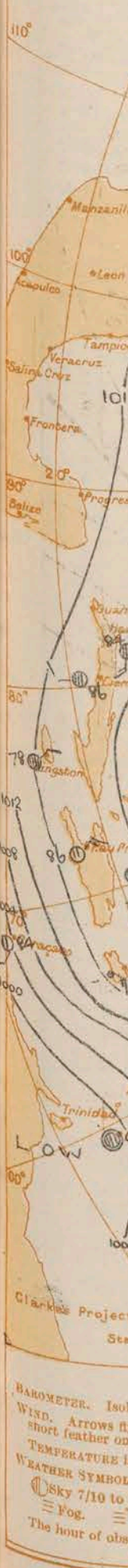
### FURTHER OUTLOOK.

Rain spreading from West.

Forecasts issued at 0940 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.

## AIR

Hours of o  
Greenland,  
America and  
G.M.T.; U.S.  
Asia), 1h. loca





# 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.





LONDON OBSERVATIONS.										Atmospheric Pollution.				EXPLANATION OF FIGURES, LETTERS, &c.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Day 7h—12h. Kew & Crofton. 9h—12h. Kensington. 9h—21h. other stations except for rainfall which is 9h—12h.										Weather		Temperature.			Rainfall.		Sun- shine to Sunset.		Humidity.		Visi- bility 9h.	Milligrams of Solid Impurity per cubic metre.		24 hrs. ended 7h. G.M.T. 11th.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.		COLUMNS 8, 22 —Code for surface visibility.  Objects not visible at																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Height above M.S.L. in feet.	Morning. Afternoon. Night.			Day Max.	Night Min.	Min. on Grass	Day.	Night.	hrs.	15h. G.M.T.	9h. G.M.T.	Yesterday.	To-day.	Max.	Time.	Min.	Time.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

1 Sea disturbance reported from Dungunese.



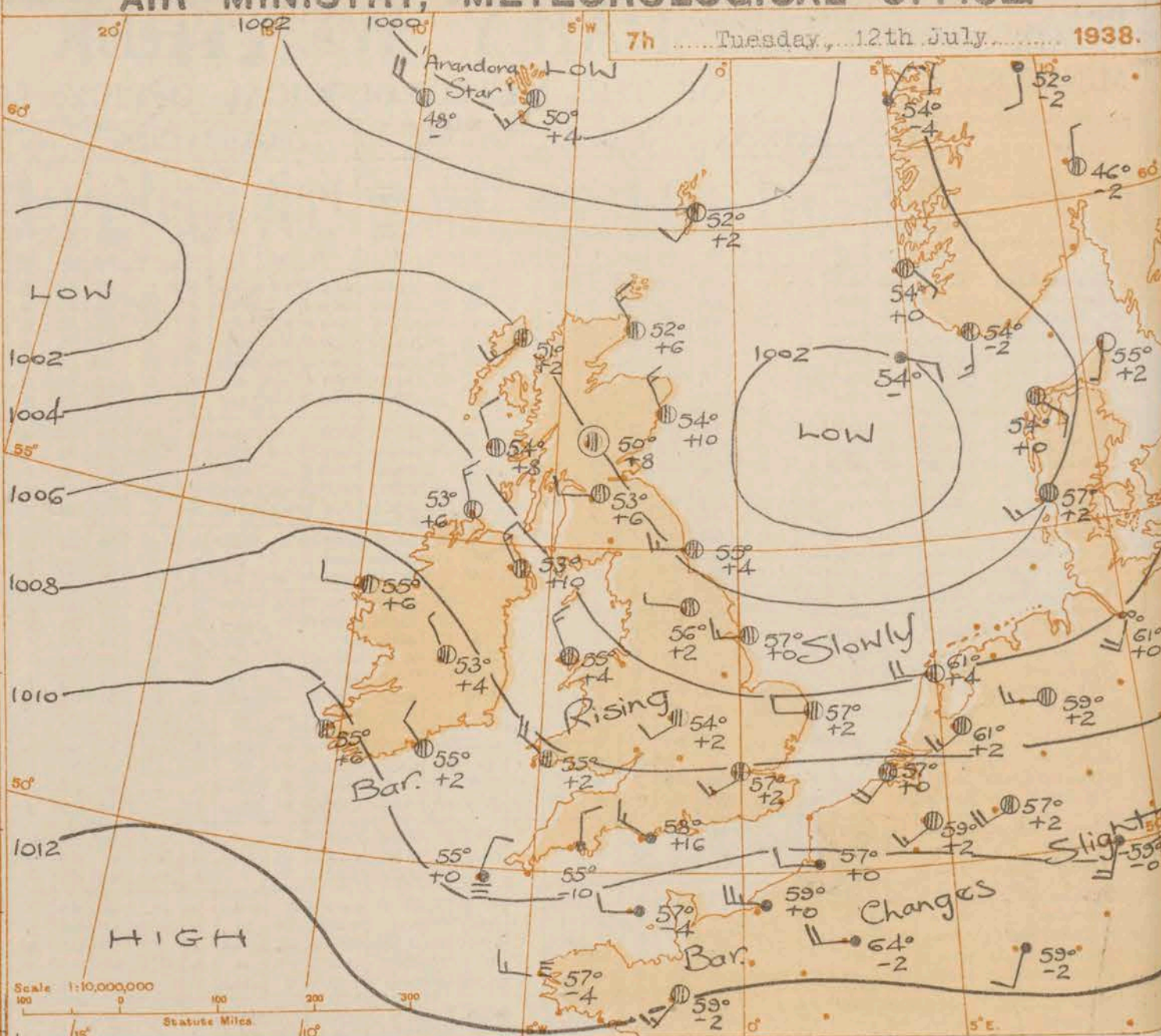
District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. July 11th													OBSERVATIONS at 18h. G.M.T. July 11th													PAST 24 HOURS.							
		Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.					
				Dir.	Force 0-12					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Low					Med.	High	Low 0-10	Total 0-10	Height of Base (feet)			7h.-13h. 11h.	13h.-18h. 11h.	18h. 11h. to 1h.-12h.	1h.-7h. 12h.		
(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)		
(For heights see p. 4.)																																			
1	London (Kew)	1009.5	-10	SW	4	C	65	65	8	7	3	-	7-8	9	2500	1008.3	+4	WSW	4	C	67	45	8	8	-	-	7-8	7-8	2500	0	*	C	bcy	bcyc	C
	Croydon	1010.2	-10	SW	4	C	64	75	8	5	3	-	7-8	9	2500	1008.6	-2	WSW	3	C	66	65	8	8	4	-	7-8	9	2500	1	*	C	bcy	bcyc	C
	S. Farnborough	1009.8	-12	SW	5	C	65	75	8	5	3	-	4-6	9	1500	1008.9	+2	W	5	bc	66	55	8	2	-	8	4-6	4-6	4000	0	*	idirc	bcy	bcyc	C
	Boscombe Down	1009.8	-18	WSW	5	C	65	75	8	8	7	-	4-6	9	1500	1009.9	+6	WN	4	C	60	75	8	8	4	2	7-8	9	2500	0	*	ccidc	C	C	C
	Calshot (Stmntn.)	1012.1	-10	SW	5	C	63	85	8	5	-	-	10	10	800	1010.6	-6	SW	5	C	63	85	7	8	-	6	2-3	7-8	1500	0	3	C	cbcc	cbccw	C
	Lympe	1012.1	-10	WSW	4	C	53	92	6	6	-	-	10	10	800	1010.4	-10	SW	4	C	59	85	7	5	-	-	9	9	800	0	3	C	cbcc	cbccw	C
	Manston	1010.4	-14	SW	6	C	65	75	7	5	-	-	9	9	5700	1008.2	-10	SW	6	bc	63	75	8	8	5	1	1	2-3	1500	1	*	C	cbcc	cbccw	C
2	Shoeburyness	1009.8	-6	SSW	4	C	65	85	8	5	3	-	4-6	9	2500	1008.1	-10	SSW	4	pr	64	85	8	9	-	-	9	9	2500	1	*	C	cbcc	cbccw	C
	Felixstowe	1009.5	-12	SSW	4	C	66	65	8	7	1	8	7-8	9	4000	1007.2	-6	SSW	3	C/pr	65	75	8	8	3	-	4-6	7-8	1500	1	3	C	cbcc	cbccw	C
	Gorleston	1008.7	-12	SW	5	C	66	65	7	8	3	-	4-6	7-8	2500	1006.3	0	WN	3	C	69	55	6	8	-	-	9	9	2500	1	2	C	cbcc	cbccw	C
	Mildenhall	1007.8	-10	SW	5	C	65	65	8	8	7	-	7-8	9	2500	1007.0	+10	WSW	3	9pr	60	85	8	5	-	-	9	9	4000	1	*	C	cbcc	cbccw	C
	Cranwell	1005.6	-6	WS	5	C	65	65	8	8	7	3	9	9	4000	1005.8	+2	WNW	3	C	59	75	7	8	7	-	9	10	2500	1	*	C	cbcc	cbccw	C
3	Birmingham	1007.5	-6	W	4	C	62	65	8	8	-	-	9	9	2500	1008.0	0	WSW	3	C	59	65	8	8	-	-	9	9	2500	1	*	C	cbcc	cbccw	C
	Upper Heyford	1008.5	-16	WSW	4	C	64	65	9	5	-	-	9	9	1500	1008.6	+6	W	3	C	59	75	8	8	3	4	9	9	2500	0	*	C	cbcc	cbccw	C
	Ross-on-Wye	1008.6	-6	SW	4	C	61	75	8	8	-	-	9	9	2500	1008.9	0	SW	3	C	59	75	8	8	3	4	9	9	2500	0	*	C	cbcc	cbccw	C
5	Hartland Point	1010.8	-4	W	6	C	58	92	8	8	4	2	2-3	7-8	1500	1010.3	-2	WNW	5	C	57	85	8	5	-	-	9	9	1500	1	4	C	cbcc	cbccw	C
	Bristol	1010.3	-6	WSW	5	C	60	75	8	5	7	-	4-6	9	1500	1009.9	0	WSW	5	C	61	75	8	5	3	-	4-6	7-8	1500	1	*	C	cbcc	cbccw	C
	Portland Bill	1011.4	*	WSW	6	C	58	92	7	5	2	-	7-8	9	2500	1010.7	0	WSW	6	C	58	92	7	5	4	-	4-6	10	2500	1	5	C	cbcc	cbccw	C
	Plymouth	1012.4	-8	W	4	C/pr	62	75	8	9	9	6	7-8	9	1500	1011.8	-4	W	3	C	59	85	8	5	-	-	9	9	2500	1	1	C	cbcc	cbccw	C
	The Lizard	1013.5	-6	WS	3	C/f	57	97	1	5	-	-	10	10	220	1012.5	-4	WS	4	C/f	56	97	1	5	-	-	10	10	220	1	3	C	cbcc	cbccw	C
	Scilly (St. Mary's)	1014.0	-2	W	4	C/f	57	97	6	5	2	-	4-6	10	800	1012.9	-4	WNW	3	f	57	97	2	-	-	-	10	10	800	1	3	C	cbcc	cbccw	C
	Guernsey	1015.2	-12	SW	4	C/f	59	97	3	5	-	-	10	10	800	1014.1	+4	W	3	C/f	58	97	4	5	-	-	10	10	800	1	3	C	cbcc	cbccw	C
6	Pembroke	1010.0	0	WS	5	Cq	58	85	7	8	4	-	4-6	7-8	2500	1009.6	0	WSW	5	Cq	57	85	7	5	4	-	4-6	7-8	2500	1	3	C	cbcc	cbccw	C
7	Holyhead	1006.2	+2	WSW	4	C	60	75	8	3	-	-	9	9	4000	1006.6	+2	W	4	C	58	85	9	7	7	-	7-8	10	2500	1	2	C	cbcc	cbccw	C
	Chester (Sealand)	1006.4	+2	WSW	3	C	60	65	7	8	2	-	7-8	9	2500	1006.6	0	WSW	2	C	61	65	8	7	7	-	7-8	10	2500	1	*	C	cbcc	cbccw	C
8	Manchester	1006.2	+6	W	4	C	57	85	7	5	7	-	7-8	10	1500	1006.8	0	WSW	4	C	58	85	8	8	7	-	4-6	10	1500	1	*	C	cbcc	cbccw	C
10	Spurn Head	1008.0	-10	WSW	4	C	65	65	6	8	-	-	9	9	1500	1005.0	0	W	5	C	60	75	6	5	-	-	9	9	1500	0	2	C	cbcc	cbccw	C
	Catterick	1003.6	-6	WSW	4	C	60	65	8	5	7	-	4-6	9	1500	1003.6	0	WSW	4	bc	61	65	8	7	3	5	2-3	4-6	4000	1	*	C	cbcc	cbccw	C
	Tynemouth	1002.7	-4	WSW	3	C	59	75	6	8	-	-	9	9	1500	1002.3	0	W	4	bc	62	65	7	2	4	-	4-6	4-6	2500	1	1	C	cbcc	cbccw	C
11	St. Abbs Head	1000.7	0	WSW	3	C	59	75	9	8	6	9	4-6	7-8	2500	1000.4	0	WNW	3	bc	61	65	9	2	4	9	2-3	4-6	2500	0	2	C	cbcc	cbccw	C
	Leuchars	999.9	-4	WSW	2	C	61	65	8	9	7	-	7-8	7-8	800	1000.1	+4	W	3	bc	62	65	8	8	3	-	4-6	7-8	2500	1	*	C	cbcc	cbccw	C
12	Rentrow (Abbots I.)	1001.4	-2	WS	4	C/pr	59	75	9	2	5	-	7-8	7-8	4000	1002.5	+6	WNW	3	C	59	85	8	2	6	-	4-6	7-8	4000	0	*	C	cbcc	cbccw	C
	Esksdalemuir	1001.7	+6	WSW	5	C	57	75	6	6	-	-	9	9	1500	1002.8	+8	W	4	C	58	85	8	5	-	-	9	9	2500	1	*	C	cbcc	cbccw	C
	Point of Ayre	1004.1	0	WN	5	bc	63	75	7	8	4	-	2-3	2-3	1500	1004.8	0	WNW	3	C	57	85	7	8	6	-	7-8	9	1500	1	2	C	cbcc	cbccw	C
13A	Three	1002.0	+14	WNW	3	C	58	85	9	8	3	-	4-6	9	800	1003.5	+6	WNW	3	C	55	85	8	8	-	-	9	9	1500	0	3	C	cbcc	cbccw	C
13B	Stornoway	1001.4	+6	S	2	C	58	85	8	5	7	-	7-8	9	1500	*	+10	WSW	5	C	56	85	8	5	7	-	9	9	1500	1	3	C	cbcc	cbccw	C
15	Dalwhinnie	1000.1	0	W	2	C	59	65	8	4	6	1	2-3	7-8	4000	*	+14	WNW	2	C	57	65	8	4	5	-	4-6	9	2500	0	*	C	cbcc	cbccw	C
	Aberdeen	999.7	0	S/E	2	pr	54	97	6	9	-	-	9	9	1500	1000.0	+4	SW	1	bc	60	8													



7h Tuesday, 12th July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 11h.	Max. 11h. to 17h.	Night. 17h. to 9h.	Day. 9h. to 17h.	Sunrise to 17h.	Sunset to 10h.
1	Tunbridge W.	ocap	ocbc	56	66	-	Trace	2.6	2.3
	Bournemouth	ocbc	ocbc	56	65	1	-	2.6	0.5
	Ventnor	rfpo	oc	54	60	3	Trace	0.0	0.8
	Southsea	o	ocbc	56	65	-	Trace	2.6	1.1
	Bognor Regis	o	ocbc	56	61	0.5	-	0.6	1.3
	Littlehampton	o	oc	56	61	0.4	-	0.9	1.3
	Worthing	cd.	c	56	62	0.3	Trace	0.1	1.3
	Brighton	c	c	56	60	0.1	-	0.0	1.2
	Eastbourne	o	ad.o	57	60	1	Trace	0.0	1.9
	Hastings	ood.	ad.o	56	60	0.5	Trace	0.0	2.6
	Folkestone	oco	ido	56	63	-	Trace	0.2	1.9
	Dover	obcc	cdcc	56	65	Trace	Trace	2.0	1.9
	Deal	oc	ob	57	68	-	-	0.0	5.4
	Ramsgate	o	obc	58	65	-	-	2.9	1.7
	Margate	c	cbc	57	69	-	-	3.5	2.0
2	Southend	c	cbcc	58	70	Trace	-	2.9	1.0
	Clacton-on-Sea	bcc	cbcc	57	67	-	-	3.7	1.5
	Dovercourt	bc	cbcc	57	70	0.5	5	4.7	*
	Lowestoft	bc	bccp	57	72	2	Trace	6.9	3.0
	Skegness	bc	bc	55	69	13	-	6.3	0.8
	Mablethorpe	bc	bcc	55	69	8	-	4.5	0.8
	Cleethorpe	bc	bcc	54	68	5	-	5.5	1.0
3	Leamington S.	c	cpc	54	65	3	Trace	3.2	0.4
4	Cheltenham	oc	bccp	55	64	2	Trace	1.8	1.3
5	Bath	cpbc	cbcb	55	65	2	0.3	3.7	0.0
	Weymouth	mc	cb	56	63	0.6	-	2.5	0.1
	Jersey	pc	dco	57	61	0.3	0.2	0.0	0.1
	Torquay	cc	cbc	57	65	1	-	1.1	2.4
	Falmouth	c	c	56	64	1	-	0.6	0.0
	Penzance	adom	omc	56	62	1	Trace	0.1	0.1
	St. Ives	d	c	52	62	1	0.5	0.3	3.2
	Bude	adrc	c	56	61	2	Trace	0.9	0.0
	Ilfracombe	romc	pcbcc	56	62	4	0.1	3.8	0.0
6	Aberystwyth	PRc	bcc	55	59	12	-	0.9	0.2
7	Llandudno	c	c	55	61	7	-	1.8	0.5
	Colwyn Bay	bccbc	bcc	55	63	2	-	2.7	0.1
	Rhyl	ebc	bccg	55	63	6	Trace	4.8	0.0
8	Wallsley	cp	rcbc	54	62	4	Trace	1.0	0.0
	Southport	adoc	cbcc	55	62	1	0.1	2.1	0.0
	Blackpool	oido	oc	54	61	3	0.3	0.5	0.0
	Morcambe	cide	cbcc	54	60	1	0.3	1.2	0.0
9	Ilkley	ogor	oroc	54	60	1	2	0.7	0.7
	Harrogate	cp	pcbc	53	60	0.4	0.2	2.0	0.8
10	Berwick-on-T.	prc	erc	53	63	Trace	0.6	2.1	1.0
11	Unst	cp	erc	51	65	1	1	4.6	0.8
12	Troon	dohc	pepc	52	60	4	Trace	1.3	1.2
	Douglas	cp	c	52	60	0.3	Trace	2.2	0.0

\* Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.



Scale 1:10,000,000

Statute Miles

## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th July, 1938.

- 1 S.E. England
- 2 E. England
- 3 E. Midlands
- 4 W. Midlands
- 5 S.W. England
- 6 South Wales
- 7 North Wales
- 8 N.W. England
- 9 N. Midlands
- 10 N.E. England
- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Man.
- 13 { A.W. Scotld.  
B.N.W. Scot-  
land.
- 14 Mid Scotland
- 15 N. E. Scotland
- 16 Orkney and Shetland
- 17 N. W. Ireland
- 18 N. E. Ireland
- 19 S. E. Ireland
- 20 S. W. Ireland

## All Districts.

Moderate westerly winds; cloudy, occasional rain or drizzle; moderate 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 is high to the southwest of the British Isles and a series of depressions is passing to the north of Scotland with secondaries along the English Channel. Weather will be mainly cloudy with some rain or drizzle in all districts.

## FURTHER OUTLOOK.

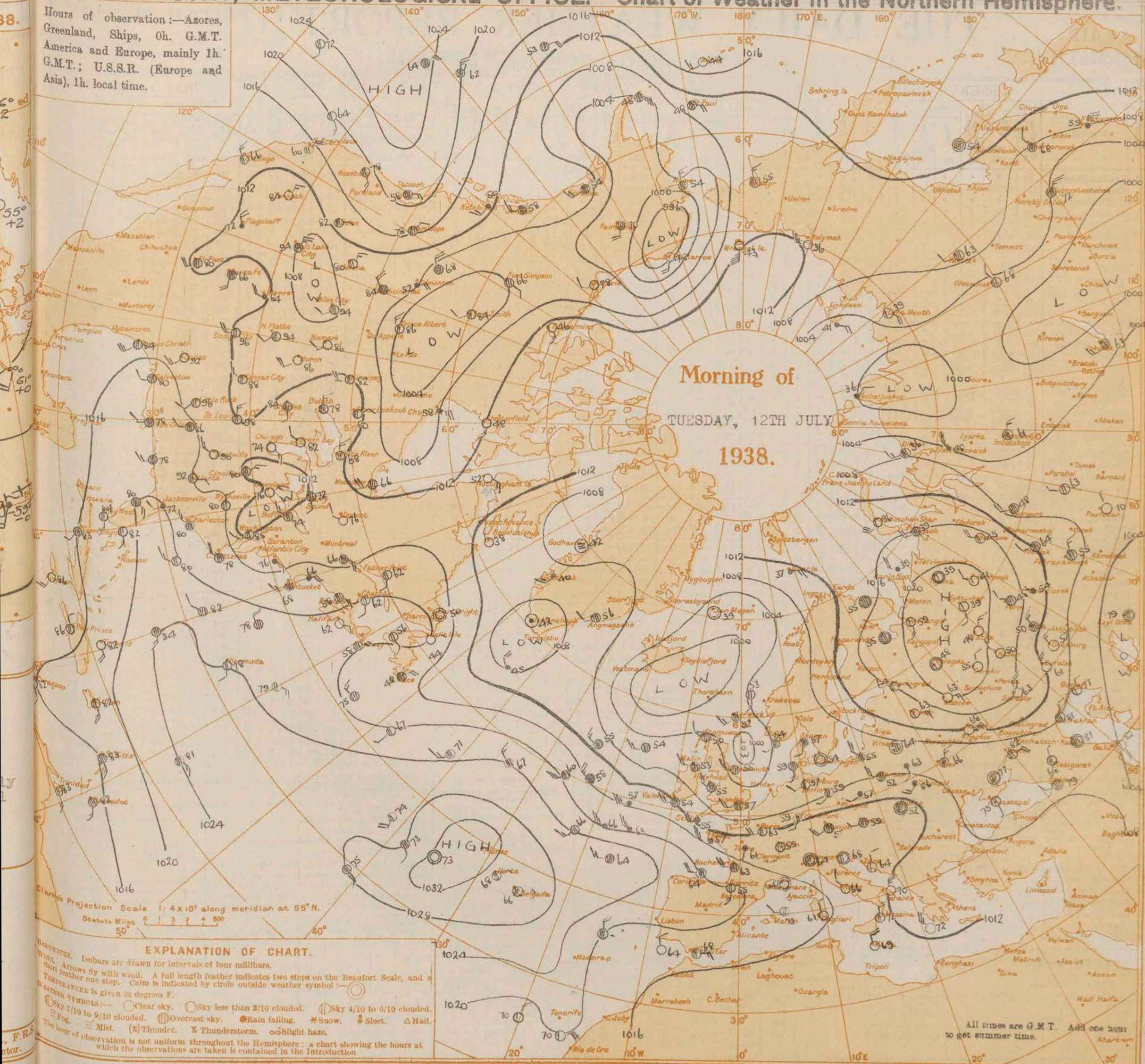
Unsettled.

Forecasts issued at 0940 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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





## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 12th July, 1938.  
No. 27991.

OBSERVATIONS at 1 hr. G.M.T. July 12th														OBSERVATIONS at 7 hr. G.M.T. July 12th														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs. (36)				
					Dir.	Force (4)					Low (9)	Med. (10)	High (11)	Total 0-10 (12)			Height of Base. (feet) (14)	Dir.					Force (18)	Low (23)	Med. (24)	High (25)			Total 0-10 (26)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)		
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1008.1	+4	SW	2	C	58	85	8	5	7	-	7.8	9+	2500	0	*	71	56	55	-	-	4.5			
	Croydon	217	1009.2	-4	WS	3	C	57	85	8	5	-	-	9+	9+	4000	1008.5	+2	WSW	3	C	57	85	8	5	7	-	7.8	9+	5700	1	*	69	56	54	Tr	-	3.8
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1008.3	+4	W	2	C	57	85	7	5	-	-	10	10	4000	0	*	70	53	51	Tr	-	4.4			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1008.5	+2	WNW	2	C	55	85	8	5	-	-	10	10	4000	0	*	67	53	52	0.1	-	5.0			
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1009.5	+2	WS	2	C	57	85	8	5	7	7	1	10	1500	0	1	65	53	50	-	-	3.9			
	Lympe	346	1010.3	-2	WS	3	Zo	54	92	6	-	3	2	0	4.6	1009.4	+2	WSW	2	C	54	97	7	5	4	-	9	9+	4000	1	\$2	64	51	48	Tr	-	0.5	
	Manston	142	1008.6	-6	WSW	2	C	55	92	7	5	3	-	7.8	9+	7200	1008.1	+4	WSW	2	C	56	85	7	5	7	-	9	10	4000	1	*	67	52	51	-	-	4.2
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1008.1	+2	WSW	3	C	59	85	7	5	-	-	10	10	5700	0	*	69	57	54	0.1	Tr	2.2			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1007.6	0	SWW	2	C	58	85	7	5	-	-	10	10	5700	0	2	69	56	55	3	-	6.2			
	Gorleston	5	1007.0	0	WS	2	bc	58	85	7	-	3	-	0	4.6	1006.7	+2	W	2	C	57	85	6	8	-	-	9+	9+	2500	0	2	72	53	52	Tr	Tr	6.7	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1006.9	+4	SWW	2	Zo	58	85	6	8	2	-	9+	10	4000	0	*	70	54	53	0.4	-	4.9			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1005.6	+2	SWW	3	Zo	56	92	6	5	1	-	9	9+	4000	1	*	67	54	51	0.1	Tr	7.5			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1006.3	+2	WSW	2	C	54	85	8	5	1	-	4.6	10	2500	1	*	62	53	53	-	0.1	4.3			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1007.8	+2	WS	2	C	56	92	7	5	4	-	9+	9+	1500	0	*	67	54	52	Tr	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1007.7	0	SWW	2	ir.	55	85	8	5	2	-	4.6	10	2500	0	*	65	55	54	Tr	-	1.7			
5	Hartland Point	299	1009.3	-8	WNW	3	C	56	92	8	2	3	-	2.3	9	1500	1008.2	0	WNW	2	ir.	55	97	7	-	2	-	10	10	800	1	2	60	54	54	0.3	0.3	3.6
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1008.2	+2	SW	2	ir.	55	97	7	5	2	-	4.6	10	2500	1	2	65	54	53	Tr	1	4.1			
	Portland Bill	32	1019.7	-6	W	3	C	56	85	8	5	4	-	4.6	7.8	2500	1009.0	+16	WNW	3	ir	58	85	7	5	-	-	10	10	1500	1	3	59	55	*	-	0.2	0.8
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1009.1	-10	N	2	ir	55	97	6	5	2	-	4.6	10	800	1	2	62	54	51	Tr	0.1	*			
	The Lizard	240	1011.1	-8	WSW	2	cf+	54	97	3	5	-	-	10	10	800	1009.0	-4	W	1	ir	55	97	1	5	-	-	10	10	220	1	3	57	53	*	0.2	4	*
	Scilly (St. Mary's)	163	1011.2	-12	WS	2	dr	55	97	2	-	-	-	10	10	150	1009.2	0	NE	2	ir	55	97	2	-	-	10	10	150	1	2	59	54	*	Tr	3	0.0	
	Guernsey	175	1012.2	-10	W	2	dd	57	97	5	5	-	-	10	10	800	1011.1	-4	W	2	ir	57	97	5	5	-	-	10	10	800	1	3	60	56	56	3	2	0.0
6	Pembroke	142	1009.1	0	WS	3	C	56	92	7	8	-	-	9+	9+	1500	1008.0	+2	WNW	4	C	55	85	8	5	-	-	9+	9+	2500	1	2	58	54	*	Tr	0.1	1.6
7	Holyhead	26	1006.5	-4	WN	4	C	55	85	8	5	-	-	10	10	2500	1006.5	+4	NW	3	C	55	85	8	6	7	-	7.8	9+	800	1	2	61	54	53	-	Tr	5.3
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1006.5	+2	WS	1	ir.	54	92	7	6	2	-	7.8	10	2500	1	*	62	54	52	0.3	0.5	0.6			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1006.8	+8	SWW	1	ir.	53	92	5	5	3	-	4.6	10	1500	1	*	60	53	52	3	1	0.4			
10	Spurn Head	29	1005.0	0	W	4	bc	55	85	7	5	-	-	4.6	4.6	2500	1005.1	0	W	3	0 pr	57	85	6	5	-	-	10	10	1500	1	2	68	50	*	Tr	Tr	5.7
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1004.4	+2	WN	1	C	56	75	8	5	3	-	9	9+	2500	0	*	62	52	48	Tr	-	4.5			
	Tynemouth	108	1002.8	0	W	3	C	55	85	7	8	-	-	7.8	7.8	1500	1003.3	+4	W	3	C	55	75	7	5	-	-	7.8	7.8	2500	1	1	63	52	49	1	-	3.2
11	St Abbs Head	280	1001.7	+2	W	5	C	55	75	8	3	7	-	4.6	9+	2500	1003.4	+8	NNW	3	ir.	52	85	7	3	2	-	7.8	10	1500	1	2	62	51	*	1	0.2	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1003.3	+10	W	2	C	54	85	8	5	7	-	7.8	9+	4000	1	*	65	51	49	4	0.3	2.8			
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1004.4	+6	W	2	C	53	85	8	5	-	-	9+	9+	5700	0	*	63	49	45	1	-	5.2			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1004.1	+2	WS	3	C	52	85	7	5	2	-	7.8	9+	800	1	*	60	47	44	2	0.2	1.8			
	Point of Ayre	30	1006.5	0	NWN	2	C	54	92	8	5	-	-	10	10	2500	1005.7	0	NW	3	C	55	85	7	8	2	-	4.6	10	800	0	1	64	53	*	0.1	-	2.0
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1005.3	+8	NWN	2	C	54	85	8	8	-	-	7.8	7.8	1500	0	2	58	51	49	-	0.4	5.6			
13B	Stornoway	80	1004.0	+2	WNW	2	C	50	92	8	5	7	-	4.6	9+	1500	1004.4	+2	WSW	3	C	51	92	9	5	7	-	7.8	9	2500	1	1	60	49	*	0.2	Tr	2.5
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1004.7	+8	0	C	50	85	8	5	5	-	4.6	7.8	4000	0	*	63	47	44	-	-	8.8				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1003.1	+10	NWN	3	C	54	85	8	8	3	-	7.8	9+	2500	1	1	61	52	50	9	0.5	2.1			
	Wick	81	1001.6	+2	N	2	C	51	97	9	5	7	-	7.8	9+	2500	1002.5	+6	NW	3	C	52	97	8	5	7	-	7.8	9+	1500	1	1	58	50	*	1	1	*
16	Lerwick	156	1001.7	0	SW	3	C	52	92	8	7	8	-	4.6	9	1500	1002.0	+2	SW	2	C	52	92	8	8	7	7	4.6	10	1500	1	*	57	51	*	0.5	Tr	0.3



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 13th July, 1938.  
No. 27992.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 12th July													OBSERVATIONS at 18h. G.M.T. 12th July													PAST 24 HOURS.														
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°Temp.	%Humid.	Visibility 0-9	Cloud.			Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°Temp.	%Humid.	Visibility 0-9	Cloud.			Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	WEATHER.														
				Direc.	Force 0-12					Low	Med.	High				Low 0-10	Total 0-10					Low	Med.	High				Low 0-10	Total 0-10	Height of Base (feet)	7h.—13h. 12th	13h.—18h. 12th	18h. 12th to 1h. 13th	1h.—7h. 13th								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)			
(For heights see p. 4.)																																										
1	London (Kew)	1005.7	+4	N	2	C	63	65	8	-	-	3+	2500	1009.8	+8	NNW	3	C	63	65	7	5	-	-	3+	2500	0	*	cprc	c	cmo	cmob										
	Croydon	1008.9	+2	N	2	ig	60	75	8	6	7	-	2-3	10	4000	1009.4	+4	WN	3	C	63	65	8	5	7	-	4-6	10	4000	0	*	cir	c	cir	cmob							
	S. Farnborough	1008.7	+2	WS	3	gr	60	65	8	1	7	-	2-3	10	4000	1009.7	+8	WNW	2	C	64	65	7	7	3	-	4-6	3+	4000	0	*	irid	c	cir	c, b							
	Boscombe Down	1009.2	+4	WS	3	gd	58	85	9	6	2	-	4-6	3+	1500	1010.6	+12	NW	3	C	61	75	8	3	2	-	7-8	3+	2500	0	*	cd, d, m, c	c	c	c, b, cmo							
	Calshot (St. Hmtn.)	1009.7	+2	SW	2	gr	57	92	8	6	2	-	3	10	800	1010.5	+4	SW	3	C	62	85	8	3	6	4	4-6	3	2500	0	2	cd, d, m, c, R	c	c	bcw							
	Lymington	1009.3	+2	SW	3	gr	60	85	7	5	2	-	4-6	10	1500	1010.2	+6	SW	3	C	61	85	7	8	3	-	7-8	7-8	1500	0	2	cd, d, m, c, R	c	c	bcw							
	Manston	1008.4	+4	NW	1	ig	61	85	7	5	2	-	4-6	10	1500	1009.1	+4	WNW	1	C	61	75	8	5	2	-	3	10	4000	1	2	cd, d, m, c	c	c	cmo							
2	Shoeburyness	1008.5	+2	SW	2	ig	61	85	7	5	-	-	10	10	4000	1009.5	+10	NW	3	C	60	85	7	5	-	-	3+	3+	4000	0	*	cir	cir	cir	b							
	Felixstowe	1009.1	+14	SW	2	ig	64	85	7	8	7	-	3	10	1500	1009.0	+6	WNW	2	C	60	75	7	5	2	-	3	10	5700	0	2	cd, d, c	c	c	bc, bmo							
	Gorleston	1007.2	+4	N	2	gr	59	85	6	8	-	-	10	10	2500	1008.1	+4	WN	2	C	59	85	6	5	-	-	10	10	2500	1	2	cpr	c	c	bc, cmo							
	Mildenhall	1007.4	+2	WN	2	C	60	85	8	8	2	-	3	10	2500	1008.9	+8	N	2	C	59	85	7	5	2	-	7-8	10	4000	1	*	cm, c	c	cm, c, bc, bmo	cm, bc, bmo							
	Cranwell	1006.8	+8	WNW	3	id	58	75	6	5	1	-	3	10	2500	1008.0	+10	WNW	2	2	59	75	6	5	-	-	3+	3+	2500	1	*	PR, d, c	cpr	cmo, bc	bmo							
3	Birmingham	1008.4	+4	NNW	2	C	58	75	8	8	7	-	3	10	2500	1010.1	+8	NW	3	C	58	65	8	8	7	-	4-6	10	2500	1	*	cpr	cpr	cpr, bc	bcc							
4	Upper Heyford	1008.0	-2	WNW	3	C	62	65	9	5	3	-	3+	3+	1500	1009.7	+10	NW	2	C	57	85	6	5	3	-	3	3+	2500	0	*	cpr	cpr	c	bcc							
	Ross-on-Wye	1008.6	+4	N	2	C	61	75	9	8	-	-	3+	3+	4000	1010.6	+10	WN	3	C	60	65	9	8	-	-	3+	3+	4000	0	*	pcu	cv	bc	b, ccc							
5	Hartland Point	1010.1	+12	WNW	2	bc	58	85	8	2	6	9	2-3	4-6	2500	1012.0	+6	WNW	3	bc	58	85	9	2	4	-	4-6	4-6	1500	0	2	bc	bcv	bcc	c							
	Bristol	1008.8	0	N	3	C	64	75	7	8	-	8	7-8	9	2500	1011.0	+12	WS	3	C	60	85	8	8	7	-	7-8	9	2500	1	3	cd, d	c	c	cmo, bc							
	Portland Bill	1009.7	+4	N	3	C	58	85	8	4	4	-	4-6	7-8	2500	1011.1	+12	N	3	C	58	85	8	5	4	-	7-8	9	2500	1	3	cir	c	c	bc, bc							
	Plymouth	1010.2	+6	SW	2	C	58	85	8	5	7	-	7-8	3+	1500	1012.1	+10	WNW	3	C	62	65	9	4	-	-	7-8	7-8	2500	1	1	cd, d, m	cpr, v	cv, bc	b, eff							
	The Lizard	1010.2	+12	WS	3	bc	61	85	8	8	5	-	4-6	4-6	2500	1013.1	+14	N	2	bc	60	85	8	8	-	-	4-6	4-6	2500	1	2	bc	bc	bcw	c							
	Scilly (St. Mary's)	1011.7	+10	WNW	3	C	62	85	8	2	7	-	4-6	7-8	2500	1013.9	+12	WNW	2	C	59	85	8	5	-	-	3+	3+	800	1	2	cir	bc	bc	oid, ifc							
	Guernsey	1010.5	-4	N	3	cd	59	97	4	5	-	-	10	10	450	1012.3	+14	WNW	3	bc	58	85	7	1	3	1	1	2-3	2500	1	3	orrd	odc	bcw	b, bc							
6	Pembroke	1010.4	+6	WNW	2	bc	58	85	9	7	4	-	2-3	4-6	2500	1012.5	+4	WNW	2	bc	58	85	8	7	6	-	2-3	4-6	2500	1	1	bcv	bcv	c	c, g							
7	Holyhead	1008.9	+10	NW	3	C	57	85	8	8	-	-	3+	3+	5700	1010.8	+10	WS	2	C	57	75	9	8	-	-	3+	3+	4000	1	1	c	c	c	c							
8	Chester (Sealand)	1008.6	+10	WNW	4	C	59	75	8	8	-	-	7-8	7-8	2500	1010.6	+10	WNW	4	C	58	65	8	8	-	-	4-6	10	2500	1	*	cd, d, pr	cbc	bc, mow	c							
	Manchester	1008.2	+10	WN	3	gr	58	75	8	8	7	-	4-6	10	2500	1009.5	+8	WNW	4	C	59	75	8	8	3	-	4-6	7-8	2500	1	*	cir, cpr	c	cmo	bccmo							
10	Spurn Head	1006.5	+16	WNW	3	C	61	65	6	5	7	-	4-6	7-8	1500	1008.2	+12	WNW	3	C	60	75	6	5	-	-	10	10	1500	0	2	cir	cpr	cpr	cmo, bc							
	Catterick	1006.2	+10	WN	3	C	61	65	8	5	7	-	4-6	10	2500	1008.4	+14	NW	1	gr	58	75	7	8	3	-	7-8	3+	2500	1	2	c	cpr	c	bcw							
	Tynemouth	1005.8	+14	NE	2	gr	55	85	8	8	-	-	3+	3+	1500	1007.5	+6	SW	1	C	56	85	5	5	-	-	3+	3+	2500	1	1	cp	cp	cmo	bc							
11	St. Abbs Head	1006.0	+12	-	0	C	59	75	8	5	2	-	4-6	9	2500	1007.0	+2	S	2	C	55	85	8	5	2	-	4-6	3+	2500	0	0	c	c	c	bcc							
12	Leuchars	1005.1	+12	N	2	C	62	55	9	3	7	-	7-8	9	4000	1006.6	+6	ENE	1	C	61	75	8	5	-	-	3	3	4000	1	*	cpr	c	c	bcw, m							
	Reutrow (Abbots L.)	1006.2	+10	WNW	3	C	61	65	9	2	3	-	4-6	7-8	4000	1007.9	+10	WNW	3	bc	61	65	8	2	4	-	2-3	4-6	4000	0	*	bc, bc	cbc	bcc	c							
	Eskdalemuir	1007.3	+12	WNW	3	C	64	75	9	3	3	-	2-3	10	2500	1007.4	+6	WNW	3	C	60	65	8	7	3	-	4-6	7-8	2500	1	*	c	cbc	bcb	bbcc							
	Point of Ayre	1008.2	+10	NW	3	bc	62	75	9	1	3	-	2-3	4-6	2500	1010.1	+8	WNW	3	bc	58	65	8	2	3	-	4-6	4-6	1500	0	2	bc	bc	bcc	c							
13	Tiree	1007.5	+8	WNW	3	C	58	75	8	3	3	-	7-8	3+	2500	1008.9	+4	WNW	2	C	56	85	8	8	3	-	4-6	7-8	2500	0	2	c	c	c	cr							
13	Stornoway	1007.5	+10	WNW	4	C	58	75	8	8	7	-	7-8	3+	4000	1008.7	+6	WNW	4	C	57	75	8	5	7	-	7-8	3	1500	1	2	cpr	cpr	c	crr							
15	Dalhinnie	1006.4	+10	N	2	C	56	65	8	4	6	-	4-6	10	2500	1007.2	+8	-	0	C	53	75	8	5																		



# REPORTS from HEALTH RESORTS for 12th July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
				9h. 11h. to 12h.	9h. 12h. to 12h.	12h. 12h. to 12h.	12h. 12h. to 12h.	12h. 12h. to 12h.	12h. 12h. to 12h.
1	Tunbridge W.	op	acop	54	65	-	0.5	0.7	4.1
	Bournemouth	d, oc	pc	53	64	0.3	0.5	0.3	4.6
	Ventnor	opou	opcu	54	61	0.3	Trace	0.9	0.7
	Southsea	op, o	op, c	55	65	Trace	0.1	0.5	4.3
	Bognor Regis	ci, c	cbcc	54	64	Trace	Trace	1.0	1.6
	Littlehampton	op, c	cb, c	52	64	-	Trace	0.8	2.1
	Worthing	ci, c	cbcc	52	63	-	Trace	0.8	0.8
	Brighton	cd, c	cb, c	54	62	-	Trace	0.4	0.0
	Eastbourne	o	ocbc	56	62	-	-	0.8	0.0
	Hastings	op, o	ocbc	53	62	-	Trace	0.8	0.0
	Folkestone	oca	ocbc	52	64	-	Trace	1.1	0.2
	Dover	co	ocbc	54	61	-	-	1.1	2.0
	Deal	o	op, b	53	65	-	-	1.7	1.4
	Ramsgate	c	c	56	63	-	-	1.1	4.3
	Margate	c	cd, c	54	64	-	Trace	0.7	4.7
2	Southend	oc	oco	57	67	Trace	Trace	0.7	2.9
	Clacton-on-Sea	oc, c	oc, c	57	64	0.1	0.2	0.0	5.4
	Dovercourt	oc	bcoc	57	65	-	Trace	0.7	5.9
	Lowestoft	c	cp, c	51	61	Trace	1	0.0	7.2
	Skegness	orr	roc	52	63	-	2	0.1	6.4
	Mablethorpe	or	o	52	62	-	0.5	0.0	4.6
	Cleethorpe	crc	bec	54	63	Trace	0.5	0.2	6.0
3	Leamington S.	oc, c	odo	55	61	Trace	Trace	0.1	3.2
4	Cheltenham	oc, oc	oc, c	54	64	0.3	Trace	0.3	1.8
5	Bath	rc	cbc	55	64	2	0.3	0.5	4.8
	Weymouth	rc	c	55	61	1	-	0.7	4.3
	Jersey	rc	c	57	61	4	0.4	0.2	0.0
	Torquay	oc, c	cb, c	54	66	2	-	3.0	2.2
	Falmouth	c	b	54	66	3	-	5.5	1.3
	Penzance	d, cbc	bc	55	64	2	-	6.7	0.5
	St. Ives	c	b	53	62	3	-	6.6	0.7
	Bude	d, cbc	bc	54	60	2	-	6.0	1.8
	Ilfracombe	roc	cbc	56	62	1	-	4.8	3.9
6	Aberystwyth	pr, c	bcc	55	59	0.5	-	0.7	0.9
7	Llandudno	c	c	54	59	0.6	-	0.3	1.8
	Colwyn Bay	pc, o	ocbc	54	60	2	-	0.3	2.7
	Rhyl	cc, c	c	54	60	0.2	-	0.2	4.8
8	Wallasey	c	c	53	61	Trace	-	0.5	1.4
	Southport	oc, c	cbc	52	62	1	-	0.7	2.7
	Blackpool	oco	cbcc	53	61	0.5	-	1.2	0.8
	Morecambe	c	bc, cbc	54	62	0.5	-	0.3	1.2
9	Ilkley	or, o	oc	52	60	3	0.2	0.0	0.8
	Harrogate	c	cp, c	52	62	-	Trace	0.5	3.3
10	Berwick-on-T.	om, c	oc	50	58	8	-	0.4	3.0
11	Dunbar	bc	bc	50	62	-	-	0.8	6.2
12	Troon	cbc	bc, cbc	52	61	Trace	-	6.4	1.6
	Douglas	bc, pr, c	bc	52	60	Trace	Trace	4.6	2.4

1 Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h. to 5h.

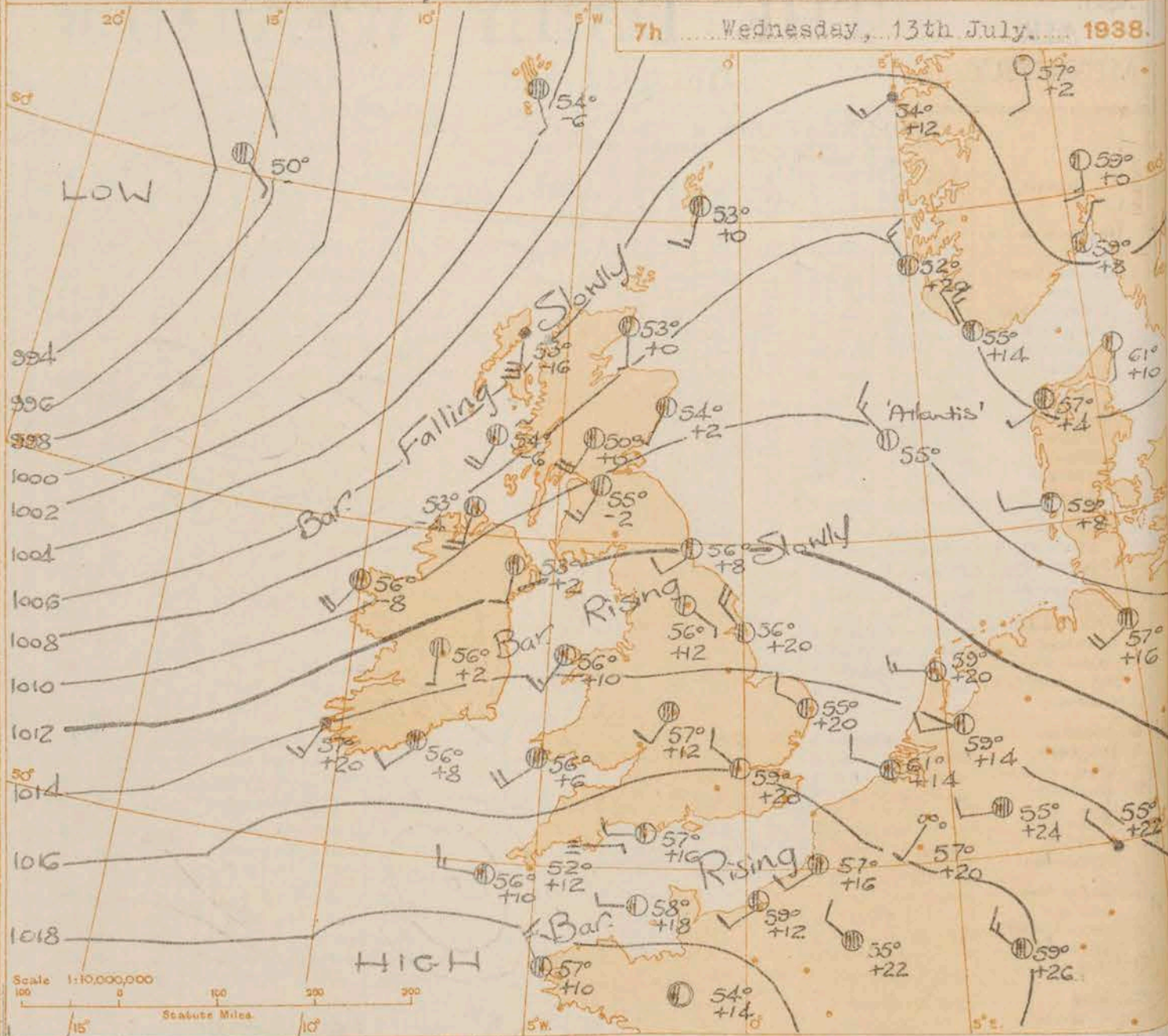
## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th July, 1938.

1 S.E. England	Wind light westerly; fine and warm to-day, cloudy with slight rain or drizzle tomorrow.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Wind southerly to-day, veering to west tomorrow; fair to-day, occasional rain later; warm to-day, 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.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Wind between south and west, fresh or strong; occasional rain; temperature about average.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2

## AIR MINISTRY, METEOROLOGICAL OFFICE

7h Wednesday, 13th July, 1938.



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 England will be followed by a trough of low pressure now off the west of Ireland. Further rain will spread from the West later but over England and Wales most of to-day will be fine.

### FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 0930 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S. Director.







AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 13th July, 1938  
No. 27992.

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 M.S.L. mh.	Change in 3 hours.	Wind. Direc. Force	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind. Direc. Force	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea. 0-9	TEMPERATURE.			RAINFALL.			Syn- opsis 12h Hrs.			
										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.		
										Low.	Med.	High.	Low 0-10	Total 0-10										Low.	Med.	High.											Low 0-10	Total 0-10
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1016.6	+20	W	1	b	58	65	7	-	-	-	0	0	-	0	*	65	54	48	Tr	-	0.3			
	Croydon	217	1013.1	+10	W	2	56	85	6	5	-	-	9+	9+	5700	1016.3	+20	NW	2	bc	59	75	6	1	4	1	Tr	2-3	2500	0	1	63	54	52	Tr	Tr	0.4	
	S. Farnborough	223	*	*	*	*	*	*	*	*	*	*	*	1016.6	+16	W	2	b	57	75	8	5	7	-	-	Tr	Tr	4000	0	*	65	53	49	Tr	-	0.6		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1017.0	+14	W'S	2	bc	54	85	6	5	7	-	-	1	4-6	4000	0	0	63	47	41	1	-	0.6		
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	1016.9	+12	NW	2	bc	57	85	6	-	4	-	-	0	1	-	1	1	65	51	48	1	-	1.0		
	Lymington	346	1013.5	+8	NW	2	55	92	6	5	-	-	4-6	4-6	5700	1016.6	+18	NNW	2	bc	55	85	5	5	-	-	9+	9+	5700	0	0	62	52	47	0.3	Tr	1.6	
	Manston	142	1012.8	+10	WNW	1	56	85	7	5	-	-	9+	9+	4000	1015.9	+22	NW	3	c	57	85	7	5	-	-	9+	9+	5700	1	*	63	54	51	Tr	-	1.0	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1015.8	+14	W	3	b	60	75	8	-	-	3	0	Tr	-	-	0	*	66	52	49	Tr	Tr	0.5		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1015.2	+22	WNW	2	bc	55	85	6	-	-	1	0	Tr	-	-	0	2	65	52	50	0.2	-	0.5		
	Gorleston	5	1011.5	+8	WNW	2	56	85	6	5	-	-	9	9	2500	1014.6	+20	WNW	2	bc	55	85	6	-	3	-	0	2-3	-	1	2	61	54	53	1	-	0.0	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1015.6	+20	W'S	1	bc	54	85	6	-	-	1	0	1	-	-	0	*	62	44	38	0.5	Tr	0.0		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1014.3	+16	W'S	2	bc	54	85	6	-	4	6	0	1	-	-	1	*	63	48	46	0.3	Tr	0.7		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1015.1	+12	SW	2	c	57	75	8	-	7	5	0	9	-	-	1	*	59	45	39	0.5	Tr	0.0		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1015.6	+6	W	1	b	55	85	7	1	4	-	-	Tr	1	2500	-	*	64	47	39	Tr	-	*		
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1015.7	+8	SW	1	c	56	85	8	5	-	-	-	7-8	7-8	4000	0	*	63	46	38	Tr	-	0.7		
5	Hartland Point	299	1014.7	+4	W	2	56	85	9	5	-	-	7-8	7-8	1500	1015.9	+6	W	3	c	57	85	8	8	2	-	4-6	7-8	800	0	2	60	55	52	Tr	-	9.2	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1016.5	+10	WSW	2	bc	58	85	8	8	3	-	-	4-6	4-6	2500	1	*	64	52	46	0.4	-	1.1		
	Portland Bill	32	1015.9	+28	NNW	3	56	85	8	-	4	-	0	2-3	-	1017.0	+16	W	2	bc	57	85	8	1	-	-	2-3	2-3	2500	1	3	59	55	*	2	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1017.2	+12	E	1	f	52	97	3	-	2	-	-	10	10	1500	1	2	64	50	46	0.5	-	4.3		
	The Lizard	240	1015.9	+4	-	0	53	97	8	8	7	-	2-3	4-6	2500	1017.2	+10	-	0	55	92	8	8	2	-	4-6	7-8	2500	0	1	62	52	*	0.6	-	8.9		
	Scilly (St. Mary's)	163	1016.1	+6	W'S	3	58	97	8	5	-	-	10	10	2500	1017.3	+10	W/N	3	c/f	56	97	8	8	-	-	9+	9+	1500	1	2	62	53	*	0.1	0.1	7.0	
	Guernsey	175	1015.6	+8	WNW	1	54	97	9	-	-	-	0	0	-	1017.8	+18	W	1	bc	58	85	9	2	-	-	4-6	4-6	2500	1	2	61	52	47	2	Tr	3.4	
6	Pembroke	142	1014.9	0	SW	3	56	92	8	8	-	-	9+	9+	2500	1015.7	+6	SW	4	0	56	85	8	5	-	-	10	10	2500	1	2	61	55	*	-	-	9.4	
7	Holyhead	26	1012.7	+2	S	2	55	92	9	5	-	-	10	10	4000	1013.4	+10	SW	3	c	56	97	8	5	7	-	7-8	9+	4000	1	1	59	54	51	-	-	0.4	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1014.1	+8	SE	2	c	54	85	8	5	3	-	-	4-6	9	5700	0	*	60	47	39	0.5	-	3.5		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1014.4	+4	SE	2	bc	53	85	6	5	3	-	-	1	9+	4000	1	*	59	39	36	1	-	0.3		
10	Spurn Head	29	1011.2	+8	WNW	3	56	85	6	5	-	-	10	10	2500	1013.5	+20	NNW	4	bc	56	85	6	-	4	8	-	4-6	-	0	2	63	54	*	0.3	Tr	0.2	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1013.3	+12	ESE	1	bc	56	75	8	1	9	9	-	Tr	4-6	4000	0	*	61	48	42	0.1	-	0.1		
	Tynemouth	108	1010.2	+10	W	3	55	65	7	5	-	-	7-8	7-8	2500	1011.6	+8	WSW	2	bc	56	65	5	2	6	-	2-3	4-6	2500	1	1	61	50	46	0.3	-	3.1	
11	St. Abbs Head	290	1009.7	+4	WNW	3	54	75	8	8	3	-	2-3	4-6	2500	1010.8	+12	WSW	4	c	53	75	8	5	3	9	4-6	9	2500	0	2	60	49	*	2	-	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1010.1	+8	WSW	2	c	53	85	6	5	7	-	-	2-3	9	7200	1	*	65	45	38	-	-	1.4		
12	Renfrew (Aldgate)	19	*	*	*	*	*	*	*	*	*	*	*	1010.0	-2	SW	3	c	55	85	8	5	7	-	-	7-8	10	4000	0	*	64	50	47	-	-	6.8		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1011.8	+4	SSE	2	c	50	92	7	5	-	-	-	10	10	1500	1	*	61	43	35	-	-	3.8		
	Point of Ayre	30	1011.7	+12	W	1	53	85	8	5	-	-	9+	9+	4000	1011.6	-2	W/N	4	c	58	85	8	-	7	-	0	9+	-	0	2	63	49	*	-	-	7.0	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1006.8	-6	SSW	4	c/r	54	97	7	5	2	-	-	7-8	9+	1500	1	4	59	52	51	2	1	2.1		
13B	Stornoway	80	1008.8	-4	SSW	4	53	85	8	5	7	-	7-8	10	2500	1006.0	-16	S	6	rr	53	97	6	5	2	-	9	10	1500	1	3	59	52	*	0.1	3	1.1	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	0	SW	4	c	50	85	8	5	2	-	-	2-3	10	2500	0	*	59	41	32	Tr	-	0.3	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1009.4	+2	SW	1	c	54	85	6	5	7	-	-	4-6	9+	5700	1	1	60	53	51	0.3	4	0.1		
	Wick	81	1007.9	+4	SSW	1	50	97	8	5	7	-	7-8	9	1500	1007.2	0	S	1	c	53	92	8	5	7	4	7-8	7-8	2500	1	1	59	49	*	2	0.3	*	
16	Lerwick	156	1006.2	+2	W	3	51	92	8	8	7	-	7-8	9+	800	1006.7	0	SSW	3	c	53	85	8	8	7	-	7-8	9+	800	0	*	57	50	*	-	-	5.3	
17	Blacksod Point	18	1009.8	-10	W	3	56	92	8																													

## LONDON OBSERVATIONS

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday, 14th July, 1938.  
No. 27993.

Distance.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 13th July														OBSERVATIONS at 18h. G.M.T. 13th July														PAST 24 HOURS.									
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	% Humid.	Visib. 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	% Humid.	Visib. 0-9	Cloud.						State of Ground. 0-9	Sea. 0-9	WEATHER.									
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			State of Ground. 0-9	Sea. 0-9	WEATHER.							
									Low	Med.	High	Low	Total									Low	Med.	High	Low	Total						Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	WEATHER.				
																																			7h.—13h. 13th	13h.—18h. 13th	18h. 13th to 1h. 14th	1h.—7h. 14th	
(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)	1017.3	+6	NW	1	C	70	45	8	5	-	7-8	7-8	4000	1017.3	-4	SWW	3	C	69	55	8	7	-	-	7-8	7-8	4000	0	*	bccy	cybcy	bccy	c					
	Croydon	1017.6	+6	SWW	3	C	69	45	8	4	-	7-8	7-8	4000	1017.7	-2	SWW	4	bc	67	65	8	4	-	-	4-6	4-6	5700	0	*	bccy	cybc	bccy	c					
	S. Farnborough	1017.6	+6	WS	3	bc	71	43	8	7	3	-	4-6	4-6	4000	1017.8	0	SW	4	bc	67	45	8	7	4	-	-	5700	0	*	bccy	bccy	bccy	c					
	Boscombe Down	1017.7	0	SSW	2	C	67	55	9	1	-	7-8	7-8	4000	1018.0	-2	SWW	4	bc	64	55	9	1	4	5	Tr	2-3	4000	0	*	bccy	bccy	bccy	c					
	Calshot (Stmntn.)	1018.9	+6	SWW	4	bc	67	55	8	7	3	-	2-3	4-6	4000	1018.8	-2	SWW	4	b	63	75	8	2	4	5	Tr	4000	0	2	bccy	bccy	bccy	c					
	Lympne	1018.7	+10	SWW	3	C	68	65	6	8	-	9	9	4000	1018.8	-2	SWW	3	b	63	65	8	-	-	-	0	0	-	0	1	bccy	bccy	bccy	c					
	Manston	1018.4	+10	SE	3	C	61	75	6	7	-	7-8	7-8	2500	1018.2	-2	SWW	3	b	65	55	7	-	-	-	0	0	-	0	*	bccy	bccy	bccy	c					
2	Shoeburyness	1017.8	0	S	2	C	68	65	8	8	6	-	4-6	7-8	4000	1017.6	0	SSW	2	bc	67	75	8	7	-	-	2-3	2-3	5700	0	*	bccy	bccy	bccy	c				
	Felixstowe	1016.9	+2	SE	4	bc	63	65	7	7	-	4-6	4-6	4000	1017.3	-2	SSW	3	b	65	75	7	-	3	1	0	Tr	-	0	3	bccy	bccy	bccy	c					
	Gorleston	1016.4	+4	SE	4	C	63	75	6	8	-	3	3	2500	1016.8	0	SW	4	bc	65	65	6	5	-	-	4-6	4-6	2500	0	2	bccy	bccy	bccy	c					
	Mildenhall	1016.6	0	SWW	1	C	71	45	8	4	-	7-8	7-8	4000	1016.1	-4	SWW	2	bc	69	45	8	7	-	-	2-3	2-3	4000	0	*	bccy	bccy	bccy	c					
	Cranwell	1014.6	-4	SW	3	C	67	55	7	8	7	-	4-6	9	4000	1014.2	-4	SW	3	C	66	65	7	8	4	-	4-6	7-8	2500	0	*	bccy	bccy	bccy	c				
3	Birmingham	1016.3	0	SW	3	C	66	55	8	7	3	-	4-6	7-8	4000	1015.9	-2	SW	2	bc	66	55	8	7	3	-	4-6	4-6	4000	1	*	bccy	bccy	bccy	c				
	Upper Heyford	1016.9	-2	SW	3	C	67	55	8	7	1	-	3	9	4000	1016.8	0	WSW	3	C	66	55	9	5	-	-	9	9	4000	0	*	bccy	bccy	bccy	c				
	Ross-on-Wye	1016.7	+8	SW	4	bc	67	55	8	1	-	4-6	4-6	4000	1016.4	0	WSW	4	bc	64	65	8	7	4	3	2-3	4-6	4000	0	*	bccy	bccy	bccy	c					
5	Hartland Point	1017.2	+4	SW	3	C	59	92	8	8	2	-	4-6	7-8	1500	1017.0	-4	W	5	C	58	92	8	5	3	-	1	10	1500	0	3	c	c	c					
	Bristol	1017.5	+2	WSW	3	bc	67	65	9	7	4	-	4-6	4-6	2500	1017.7	+2	WSW	3	C	63	75	9	5	-	-	7-8	7-8	2500	0	*	c	c	c					
	Portland Bill	1018.7	0	W	2	bc	58	85	8	1	-	2-3	2-3	2500	1018.4	0	W	4	bc	57	85	8	5	-	-	4-6	4-6	2500	1	3	bccy	bccy	bccy	c					
	Plymouth	1018.9	+6	SW	3	C	61	85	8	5	-	2-3	9	1500	1018.7	-2	SWW	3	C	58	92	8	5	-	-	9	9	2500	1	2	bccy	bccy	bccy	c					
	The Lizard	1018.7	+4	SSW	2	bc	62	85	8	8	-	2-3	2-3	4000	1018.2	-6	SSW	2	C	58	92	6	5	2	-	4-6	7-8	2500	0	1	bccy	bccy	bccy	c					
	Scilly (St. Mary's)	1018.4	+2	SWW	4	C	60	85	8	7	-	4-6	9	1500	1018.1	-2	SWW	3	C	58	92	6	8	7	-	7-8	10	800	1	2	c	c	c						
	Guernsey	1019.7	+8	SW	2	bc	65	65	9	2	-	4-6	4-6	2500	1019.7	0	SWW	1	C	60	85	9	4	3	-	4-6	9	2500	1	1	bccy	bccy	bccy	c					
6	Pembroke	1017.1	+6	SSW	3	C	59	85	7	8	-	9	9	2500	1016.9	-2	SSW	4	C	58	92	8	5	2	-	7-8	10	2500	1	2	c	c	c						
	Holyhead	1013.8	0	SWW	5	C	59	85	8	7	3	-	7-8	9	4000	1013.3	-6	SSW	4	C	57	92	8	5	-	-	10	10	450	1	3	c	c	c					
	Chester (Sealand)	1015.2	+4	SSW	3	C	65	65	8	8	-	9	9	2500	1014.7	-2	SW	2	C	64	75	8	5	7	-	7-8	9	2500	0	*	bccy	bccy	bccy	c					
	Manchester	1014.7	-2	SW	4	C	67	65	7	8	-	9	9	2500	1013.0	-18	SSW	4	C	65	65	8	8	3	-	4-6	7-8	2500	1	*	c	c	c						
10	Spurn Head	1015.4	-2	SES	4	C	63	75	6	8	2	-	4-6	7-8	2500	1014.9	-4	SWW	3	bc	68	65	6	5	7	-	2-3	4-6	1500	0	2	bccy	bccy	bccy	c				
	Catterick	1013.5	0	SW	4	C	64	65	7	5	7	-	7-8	9	2500	1013.2	-2	W	5	C	63	75	7	5	3	-	4-6	9	2500	0	*	bccy	bccy	bccy	c				
	Tynemouth	1012.4	+4	SW	4	C	64	65	6	8	-	9	9	2500	1012.2	0	SW	4	C	62	65	6	8	-	-	9	9	2500	1	1	bccy	bccy	bccy	c					
11	St. Abbs Head	1010.8	+2	WSW	4	C	61	65	9	8	7	-	4-6	9	2500	1009.6	-16	SW	6	ir	59	75	8	8	2	-	4-6	9	1500	1	3	c	c	c					
	Leuchars	1009.9	-2	SSW	2	C	60	75	8	5	2	-	7-8	10	2500	1009.5	-2	SW	4	pr	60	85	7	5	2	-	7-8	10	2500	1	*	cprc	cprc	cprc	c				
	Renfrew (Abbots I.)	1010.2	0	SWW	3	C	58	85	8	5	7	-	4-6	9	2500	1009.2	-8	SSW	3	dd	59	92	6	5	2	-	9	10	800	0	*	cprc	cprc	cprc	c				
	Eskdalemuir	1011.7	+2	SW	5	C	55	85	7	6	-	10	10	1500	1011.6	-4	SSW	4	ir	54	97	6	6	2	-	4-6	10	800	1	*	cprc	cprc	cprc	c					
	Point of Ayre	1012.7	+4	WSW	4	C	61	75	8	5	2	-	7-8	10	1500	1011.7	-6	SWW	2	ir	58	92	8	5	7	-	2-3	10	1500	1	2	c	c	c					
13A	Tiree	1006.3	0	SWW	5	dd	56	92	6	-	2	-	10	10	800	1005.2	-6	SWW	5	dd	57	97	5	-	2	-	10	10	800	1	4	cprc	cprc	cprc	c				
13B	Stornoway	1005.3	-2	SSW	6	dd	56	92	6	5	2	-	7-8																										

## EXPLANATION



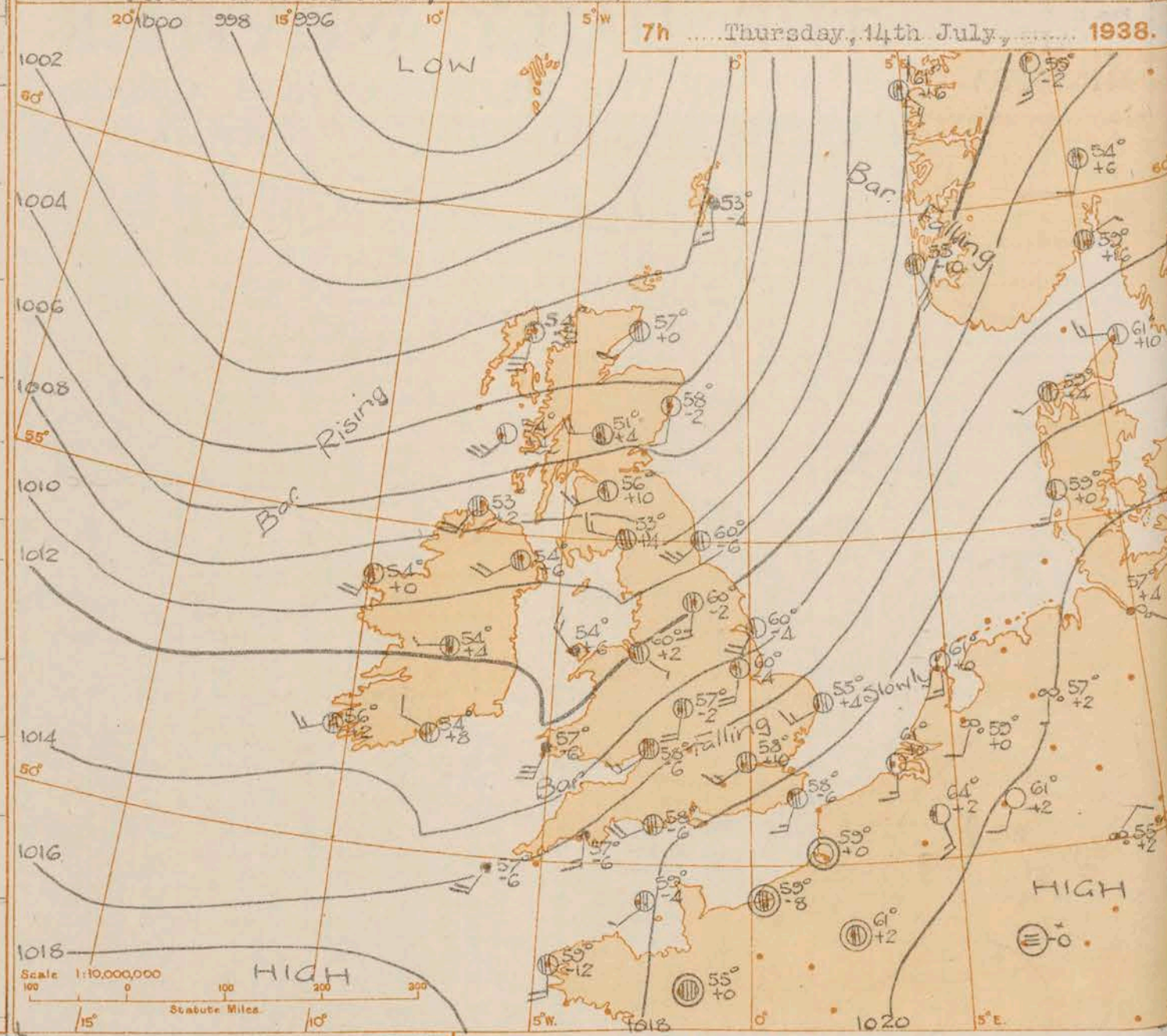
STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. 9h-12h.	Max. 12h-3h.	Night. 3h-6h.	Day. 6h-12h.	Sunrise to 12h.	Sunset to 12h.
1 Tunbridge W.	bc	dbc	52	71	-	-	8.1	0.7
Bournemouth	b	b	50	69	-	-	10.5	0.6
Ventnor	bbcb	b	52	63	-	-	11.6	1.4
Southsea	bbcb	b	52	70	-	-	11.3	0.6
Bognor Regis	bbc	bc	53	64	-	-	11.0	1.0
Littlehampton	bc	bc	54	64	-	-	8.9	0.8
Worthing	bbcb	bbcb	54	66	-	-	9.0	0.8
Brighton	bc	bbcb	55	65	Trace	-	9.0	0.4
Eastbourne	bbcb	b	56	67	-	-	7.7	0.9
Hastings	cbc	bc	54	68	-	-	6.7	1.3
Folkstone	bc	bc	55	66	Trace	-	5.3	1.6
Dover	bc	bc	56	65	-	-	5.4	1.5
Deal	obcc	bc	53	68	-	-	6.9	1.7
Ramsgate	bc	bc	57	66	-	-	8.3	1.1
Margate	bc	bc	57	71	-	-	9.6	0.7
2 Southend	bbcc	cbcd	54	72	-	-	9.0	0.7
Clacton-on-Sea	bz	bz	52	67	-	-	11.6	0.0
Dovercourt	boc	b	54	68	Trace	-	11.0	0.7
Lowestoft	bbc	bcc	53	69	-	-	9.1	0.0
Skegness	b	bc	49	70	Trace	-	9.8	0.1
Mablethorpe	by	bcy	49	71	-	-	9.9	0.0
Cleethorpe	b	bc	51	72	-	-	8.9	0.2
3 Leamington S.	bc	bc	45	71	-	-	8.6	0.1
4 Cheltenham	bbc	bbcc	46	72	Trace	-	8.8	0.3
5 Bath	bbc	bbcc	52	71	-	-	7.0	0.5
Weymouth	b	b	50	63	-	-	11.0	1.4
Jersey	bc	bcc	54	64	-	-	9.4	0.4
Torquay	bv	cv	48	66	-	-	9.1	5.7
Falmouth	bc	c	52	66	Trace	-	2.4	8.5
Penzance	dbc	c	52	64	0.3	-	1.1	9.4
St. Ives	c	c	52	63	Trace	-	1.7	10.0
Bude	c	cbc	49	62	-	-	1.8	8.4
Ilfracombe	bc	bc	54	64	-	-	7.5	7.5
6 Aberystwyth	c	bcc	55	62	-	-	0.8	0.7
7 Llandudno	c	cbc	53	66	-	-	3.9	1.6
Colwyn Bay	bcc	cbc	51	66	-	-	4.5	1.7
Rhyl	bcc	cbc	49	66	-	-	2.3	1.8
8 Wallasey	c	c	52	67	-	-	1.2	2.3
Southport	cp	cbcv	52	66	-	Trace	1.5	2.4
Blackpool	cp	cb	52	65	-	Trace	1.3	2.9
Morecambe	c	cbc	51	62	-	-	0.4	0.8
9 Ilkley	c	c	49	67	-	-	2.6	0.2
Harrogate	bcc	c	50	65	2	-	5.1	0.5
Berwick-on-T.	c	cbc	46	63	-	-	1.5	0.4
11 Dunbar	bcpr	cm	48	65	Trace	-	0.8	0.8
12 Troon	coc	cpr	54	58	Trace	0.3	0.0	7.5
Douglas	c	c	52	60	-	-	0.9	5.6

† Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th July, 1938.
1 S.E. England	Wind southerly, light or moderate; cloudy to-day, perhaps slight rain or drizzle; fair tomorrow; rather low day temperature to-day, warmer tomorrow.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	Wind southwest becoming northwest moderate; cloudy, occasional rain to-day, bright periods tomorrow; average temperature.
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scot- land.	Wind northwesterly, light or moderate; mainly fair but local showers; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2

## 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.

A trough of low pressure extending from East Scotland to the Scillies is slowly moving southeastwards. In southern districts weather will be dull with occasional rain. But in Scotland and Ireland there will be considerable bright periods, and these conditions will spread slowly over Northern England.

## FURTHER OUTLOOK.

None issued.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.  
Forecasts issued at 0945 G.M.T. 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.

8.

66

61

57

52

47

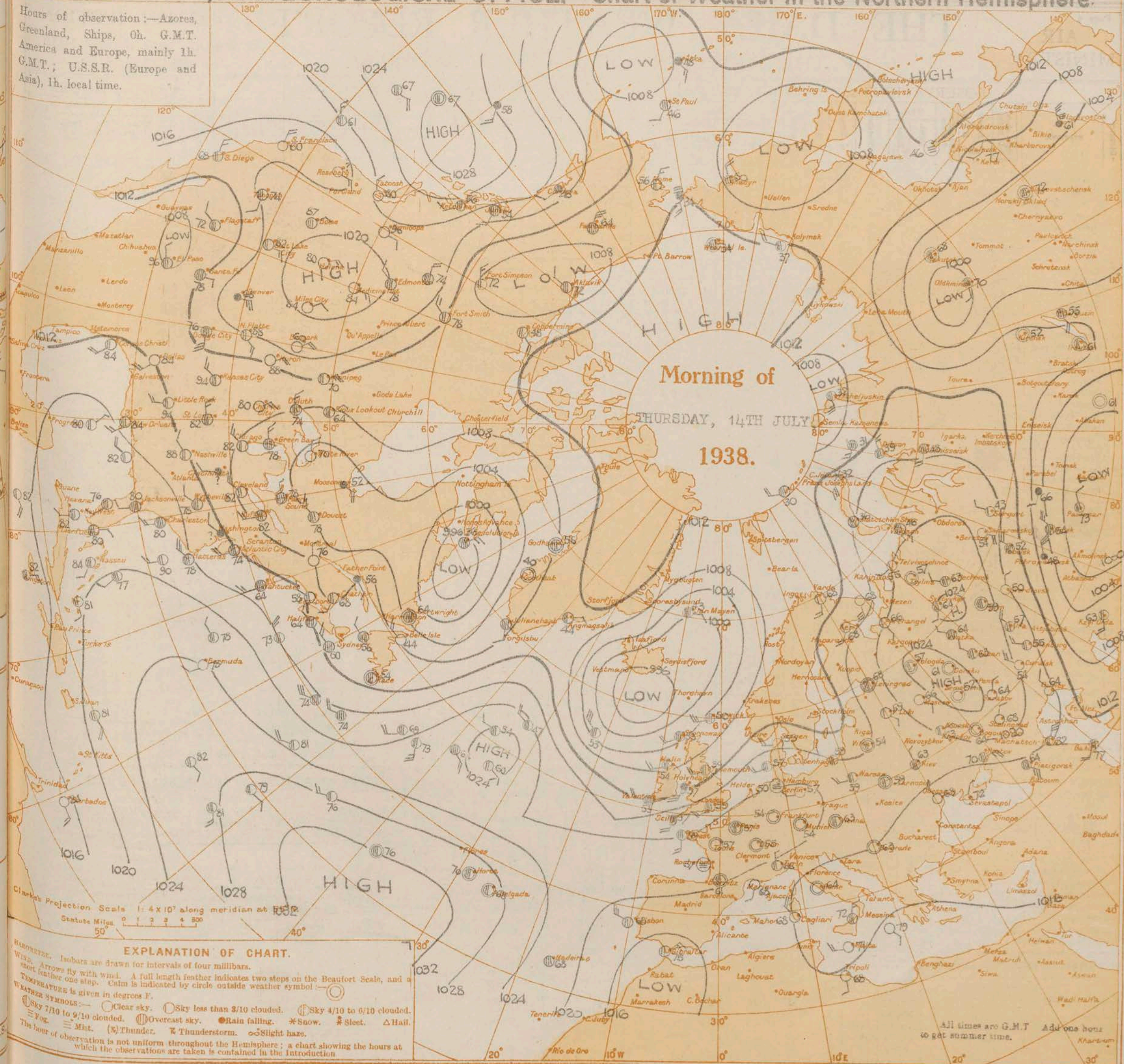
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AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Thursday, 14th July, 1938.  
No. 27993.

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. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 13th Hrs.		
					Dir.	Force.					Low.	Med.	High.	Low 0-10.	Total 0-10.			Height of Base. (feet).	Dir.					Force.	Low.	Med.	High.	Low 0-10.			Total 0-10.	Height of Base. (feet).	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	*	*	*	*	*	*	*	*	*	*	*	1017.3	-4	SSW	3	c	59	75	8	5	2	-	7-8	10	1500	0	*	74	56	52	-	-	9.5			
	Croydon	217	1018.3	-8	SW'S	3	c	55	92	7	5	-	-	10	10	800	1017.2	-10	SW	3	c/d	58	85	8	5	-	10	10	2500	0	*	71	54	51	-	-	9.1	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1017.2	-4	SW	3	c	57	85	7	5	-	-	10	10	1500	0	*	71	53	48	-	-	11.1			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1016.8	-2	S'W	3	d/d	55	97	5	5	2	-	9+	10	450	1	*	69	53	51	-	Tr	11.7			
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1017.9	-4	S'W	4	c	59	85	8	5	-	-	10	10	2500	1	2	68	57	56	-	-	13.5			
	Lympe	348	1019.6	-6	SSW	2	c/f	53	92	6	5	-	-	7-8	7-8	450	1018.9	-6	SSW	3	c	58	85	7	5	-	9+	9+	800	0	51	66	51	45	-	-	9.1	
	Manston	142	1018.8	-10	S	2	D	52	92	7	-	-	-	0	0	-	1018.0	-2	SW	2	c	58	85	7	5	-	7-8	9+	1500	0	*	68	52	48	-	-	9.8	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1017.8	0	SW	3	c	59	85	8	5	-	-	10	10	1500	0	*	70	56	47	-	-	10.8			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1017.6	-2	SW'S	3	c	58	85	7	5	-	-	10	10	1500	0	2	68	57	53	-	-	13.3			
	Gorleston	5	1017.1	-4	SW'S	2	bc	58	85	7	-	4	-	0	2-3	-	1016.8	+4	SWW	3	c	55	85	6	7	-	9	9	2500	0	2	67	54	50	-	-	9.0	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1016.2	+2	SSW	3	c	58	85	7	5	-	-	10	10	2500	0	*	73	53	49	-	-	11.9			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1013.2	-4	SSW	4	bc	60	85	7	5	7	-	2-3	4-6	1500	0	*	71	55	52	-	-	11.5			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1013.9	-2	SSW	4	c	57	85	8	5	-	-	10	10	1500	1	*	69	56	52	-	-	9.3			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1016.1	-4	SSW	3	id	56	85	7	6	2	-	9+	10	800	0	*	73	53	50	-	Tr	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1015.0	-6	SW	3	0	58	85	7	5	-	-	10	10	1500	0	*	68	57	56	-	-	9.2			
5	Hartland Point	299	1015.4	-16	W	5	c	57	92	8	8	-	-	9+	9+	1500	1013.9	-4	W	5	c/d	57	92	8	6	2	-	7-8	10	800	0	3	61	56	55	Tr	3.1	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1015.9	-6	SW	3	c/d	58	85	8	5	-	-	10	10	1500	0	3	69	56	55	Tr	7.5				
	Portland Bill	32	1017.9	-6	SW	3	c	57	85	8	5	-	-	7-8	7-8	2500	1016.4	-6	WSW	4	c	58	92	7	5	2	-	4-6	10	2500	1	3	59	56	55	-	0.1	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1016.0	-6	S	3	id	57	97	6	5	2	-	10	10	220	1	2	64	56	55	-	Tr	1.1			
	The Lizard	240	1017.9	-10	SSW	3	c	56	97	6	5	-	-	10	10	1500	1016.1	-6	SSW	2	df	57	97	3	5	-	10	10	450	1	2	63	55	*	Tr	2.4		
	Scilly (St. Mary's)	163	1017.0	-12	SSW	4	id	57	97	5	5	-	-	10	10	800	1014.9	-6	SSW	4	id	57	97	4	5	-	10	10	450	1	2	61	56	*	0.1	2.4		
	Guernsey	175	1019.5	-10	-	0	a	57	92	9	5	-	-	10	10	2500	1018.7	-4	SW	1	c	59	85	7	5	3	-	7-8	9+	2500	1	1	65	56	55	-	-	9.1
6	Pembroke	142	1014.6	-8	SSW	5	id	57	97	7	5	-	-	10	10	1500	1013.3	-6	SSW	6	for	57	97	4	5	-	10	10	1500	1	3	59	51	*	-	2	0.2	
7	Holyhead	26	1010.9	-22	SSW	5	id	57	97	6	5	-	-	10	10	220	1011.5	+6	NW'N	3	d/d	54	97	3	5	-	10	10	1500	1	2	62	54	54	-	9	3.1	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1012.3	+2	SE	1	c	60	85	7	6	9	-	7-8	9+	1500	0	*	71	58	55	-	-	4.1			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1012.6	0	S	3	bc	58	92	6	6	2	-	4-6	10	1500	1	*	68	57	55	-	1	2.2			
10	Spurn Head	29	1014.3	-6	SW'S	3	bc	59	85	7	-	7	-	0	4-6	-	1013.0	-4	SW'S	4	bc	60	75	6	4	4	1	4-6	1500	0	3	*	56	*	-	-	10.5	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1010.4	-2	SSW	3	c/r	60	85	8	6	7	-	4-6	9+	1500	1	*	65	58	55	Tr	0.1	4.9			
	Tynemouth	108	1010.5	-14	SW	3	c/pr	59	85	7	8	-	-	9+	9+	1500	1009.8	-6	SW	5	c/pr	60	85	6	8	-	9+	9+	1500	1	2	66	58	55	Tr	1	3.7	
11	St Abbs Head	280	1007.9	-10	SSW	5	ir	56	92	7	3	2	-	4-6	10	1500	1006.2	-4	WSW	5	c	58	85	9	3	2	-	4-6	9	1500	1	3	61	55	*	Tr	1	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1006.2	+10	WSW	3	c	58	85	8	5	4	-	4-6	7-8	2500	1	*	62	57	55	Tr	3	0.2			
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1007.6	+10	WSW	3	bc	56	85	9	1	2	1	2-3	4-6	1000	1	*	60	53	51	0.1	9	0.0			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1008.1	+4	W'N	3	o/r	53	92	7	6	-	-	10	10	800	1	*	57	52	52	0.4	29	0.2			
	Point of Ayre	30	1008.8	-14	WSW	5	pr	57	97	7	8	1	-	7-8	10	800	1010.4	+12	W'N	3	c	55	92	8	5	7	-	4-6	10	2500	1	2	64	53	*	1	11	0.1
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1004.5	+4	SW	5	bc	54	85	7	8	-	-	4-6	4-6	1500	0	4	58	52	49	3	0.4	0.0			
13b	Stornoway	80	1003.3	-4	SSW	4	c	53	92	8	8	7	-	7-8	9+	1500	1002.4	-8	SSW	6	c	54	75	8	5	-	7-8	9	1500	1	4	59	52	*	0.1	0.2	0.3	
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	1005.5	+4	W	4	c	51	75	8	4	6	-	2-3	7-8	4000	1	*	59	50	48	1	2	0.4			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1004.9	-2	S'W	2	bc	58	92	6	2	3	9	2-3	2-3	1500	1	1	63	54	54	Tr	2	2.6			
	Wick	81	1003.9	-12	S	3	c	56	85	8	5	7	-	4-6	7-8	1500	1002.9	0	SW	2	c	57	85	9	5	6	6	4-6	7-8	1500	1	1	58	54	*	0.6	Tr	*
16	Lerwick	156	1005.0	-12	SW	5	c	50	92	7	5	7	-	4-6	9	1500	1002.8	-4	S	3	rr	53	97	5	6	2	-	7-8	10	450	1	*	57	49	*	Tr	1	2.4
17	Blacksod Point	18	1008.6	+6	W	4	c	55	85	8	5	-	-	10	10	800	1008.8	0	SW	4	bc	54	754															



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



# REPORTS from HEALTH RESORTS for 14th July 1938.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. 13th to 14th.	Max. 14th.	Night 14th to 15th.	Day 15th.	Summ. to 17th.	Summ. to 13th.
1 Tunbridge W.	cbe	cbe	52	70	-	-	4.1	10.5
Bournemouth	c	co	56	66	-	-	0.5	12.3
Ventnor	oco	oboc	55	65	-	-	3.1	13.7
Southsea	oc	oc	57	66	-	-	0.1	13.9
Bognor Regis	cbe	beb	57	64	-	-	4.2	13.3
Littlehampton	c	cbe	57	64	-	-	3.6	11.5
Worthing	cbe	beb	58	65	-	-	4.5	11.7
Brighton	cbe	cbe	57	65	-	-	3.6	11.4
Eastbourne	ocbe	cbe	56	67	-	-	5.1	10.2
Hastings	ocbe	beb	57	66	-	-	4.5	9.2
Folkestone	ocbe	bc	55	68	-	-	5.7	7.6
Dover	cbe	bcy	57	67	-	-	6.8	7.4
Deal	boc	b	55	72	-	-	6.5	9.0
Ramsgate	bc	bc	56	69	-	-	6.4	10.8
Margate	cbe	bcc	54	72	-	-	6.0	11.8
2 Southend	oc	cbe	55	71	-	-	1.9	9.9
Clacton-on-Sea	c	cbe	54	68	-	-	0.5	13.6
Dovercourt	bco	bccbe	58	70	Trace	-	1.2	13.0
Lowestoft	c	c	53	65	-	-	1.4	11.2
Skegness	bc	bcc	54	68	-	-	2.9	10.9
Mablethorpe	bc	c	53	71	-	-	5.8	11.2
Cleethorpe	bbe	bccdo	55	70	-	Trace	3.9	10.4
3 Leamington S.	oc	op	53	66	-	Trace	0.4	9.8
4 Cheltenham	co	cop	56	65	-	Trace	0.0	9.7
5 Bath	c	bcc	58	66	Trace	-	0.6	7.0
Weymouth	o	co	56	62	0.2	-	0.0	13.2
Jersey	cbe	bco	58	65	-	-	2.6	10.9
Torquay	odpc	oco	57	65	Trace	Trace	0.4	9.5
Falmouth	o	cogrm	56	62	0.2	3	0.0	2.4
Penzance	omd	irmd	57	62	0.3	3	0.0	1.1
St. Ives	d	r	52	62	Trace	4	0.0	1.7
Bude	o	cpr	57	62	-	8	0.0	1.8
Ilfracombe	bcco	orod	57	63	-	3	0.0	8.0
6 Aberystwyth	cprrr	rr	55	59	3	9	0.0	0.8
7 Llandudno	doc	cbe	54	63	1	Trace	1.2	5.3
Colwyn Bay	cdo	oc	54	62	1	0.5	0.5	5.5
Rhyl	cordo	c	54	59	2	0.2	0.0	3.1
8 Wallasey	corc	c	59	61	0.3	1	0.0	2.0
Southport	rdo	ovcv	57	61	4	0.5	0.0	2.3
Blackpool	oido	oc	56	61	7	0.3	0.3	1.6
Morecambe	cide	cbbc	55	60	10	0.5	1.7	0.4
9 Ilkley	odco	cpac	57	63	0.3	Trace	0.0	2.8
Harrogate	cpo	cpo	57	61	Trace	0.3	0.5	5.9
Berwick-on-T.	c	bcc	56	66	3	-	7.1	1.6
11 Donbar	bepn	bc	54	65	2	-	9.7	1.0
12 Troon	bcc	bccbe	53	59	14	-	5.0	0.0
Douglas	bc	bc	52	61	18	-	5.9	0.9

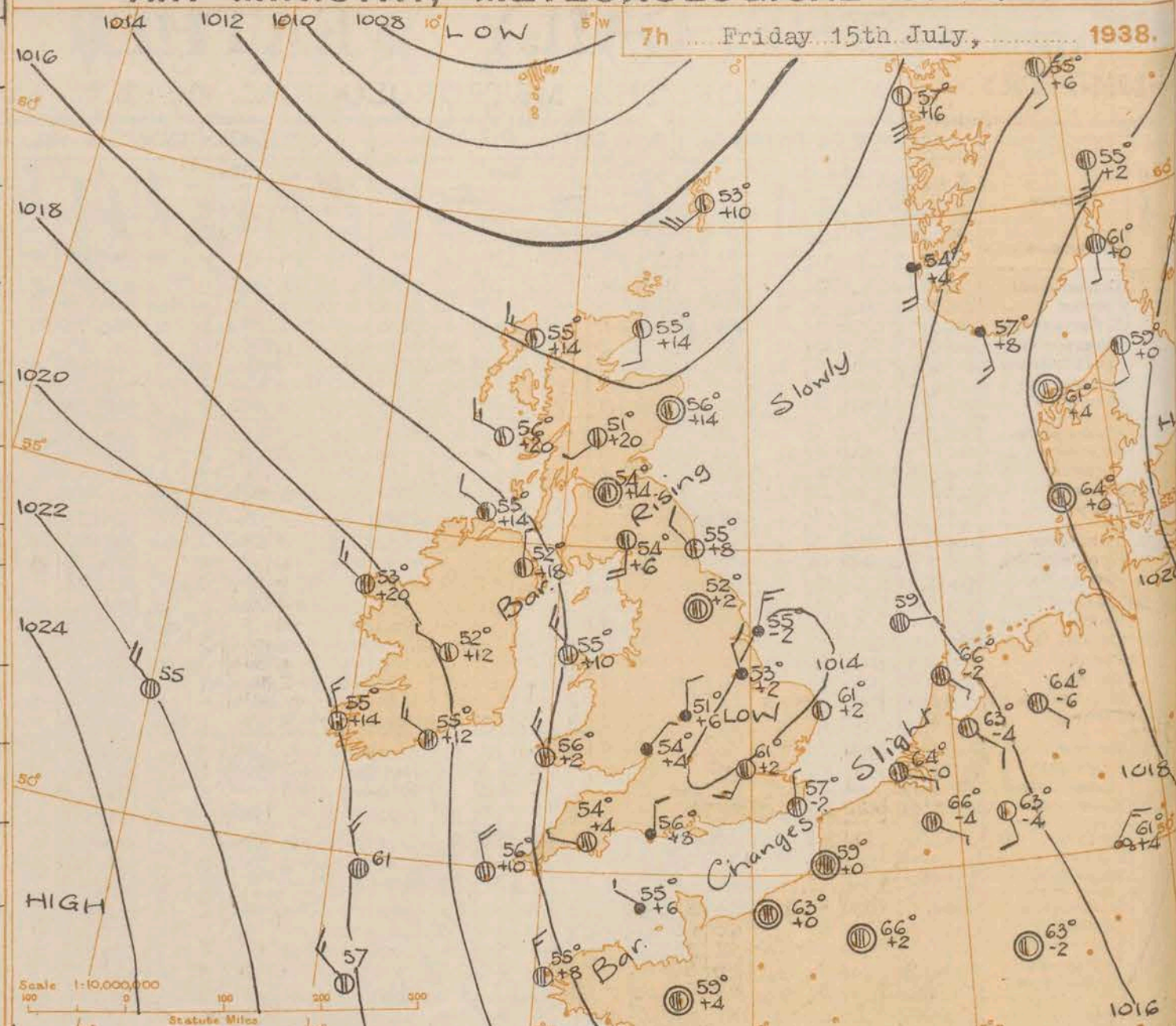
† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th July, 1938.

1 S.E. England	Wind light and variable becoming light northwesterly tomorrow; dull with some rain to-day, fair tomorrow; average temperature.
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	Wind northwesterly or variable, light or moderate; fair with long sunny periods; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scotl. land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind northwesterly light or moderate, backing to southwest later; fair with long sunny periods; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2.

# 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.

A trough of low pressure extending from the Wash to Southampton Water is moving very slowly southeastwards and a ridge of high pressure off Ireland is moving eastwards. It will be dull and rainy to-day in Southeast England and the Midlands and mainly fair elsewhere. Fairer conditions will spread to Southeast England tomorrow.

## FURTHER OUTLOOK.

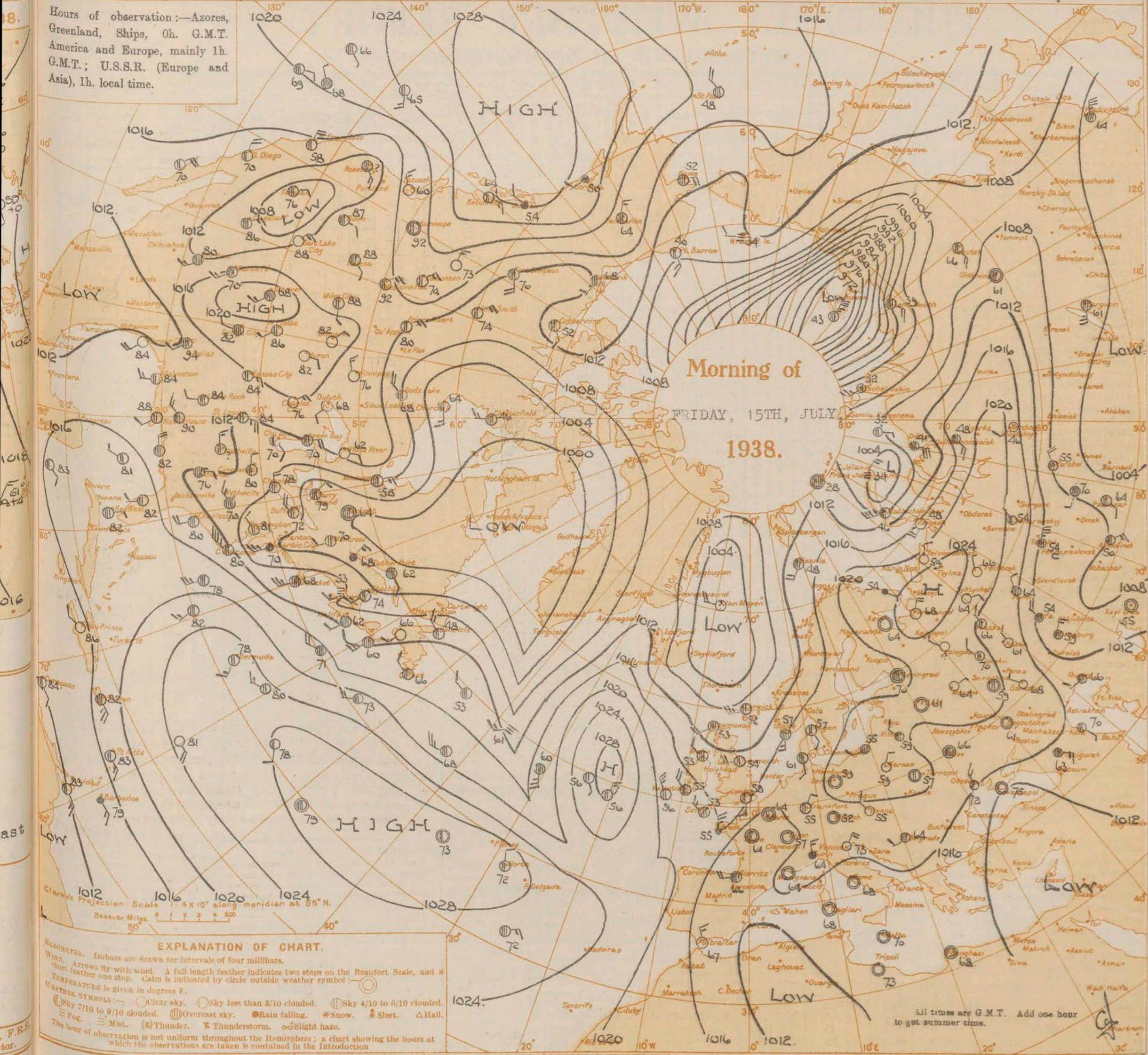
Rain spreading from the West.

Forecasts issued at 0945 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.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.





PAST 24 HOURS

N.B.  
Lymington  
and  
Manscon.  
0100  
obs.  
trans-  
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

‡ Sea disturbance reported from Dungeness.



STATIONS.	OBSERVATIONS at 13h. G.M.T. 15th July														OBSERVATIONS at 18h. G.M.T. 15th July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	%Humid.	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.	Weather.	Temp.	%Humid.	Visibility.	Cloud.					State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Dir.	Force					Low	Med.	High	Low	Total								Height of Base (feet)	Low	Med.	High	Low			Total	Height of Base (feet)	7h-15h. 15th	15h-18h. 15th	18h-19h. 15th	19h-7h. 16th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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1	London (Kew)	1014.6	0	W	2	c/r	61	85	6	8	-	10	10	2500	1015.3	+8	NW	2	r/r	59	85	6	5	-	-	10	10	1500	1	*	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c/r	c



# REPORTS from HEALTH RESORTS for 15th July 1938.

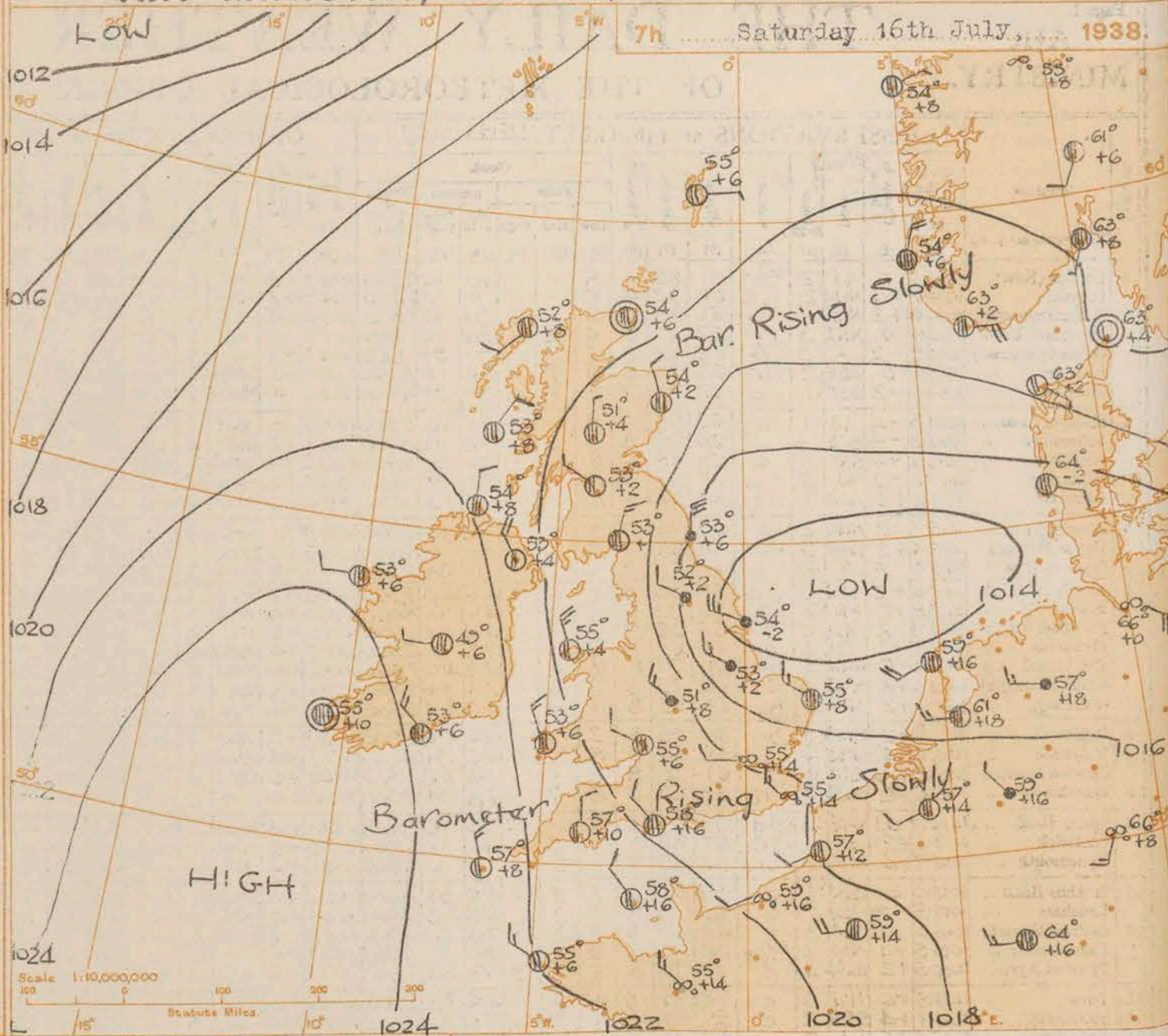
STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
	Fore-noon.	After-noon.	Min. 9h. to 12h.	Max. 12h. to 3h.	Night 3h. to 9h.	Day 9h. to 3h.	Sunrise to 12h.	Sunset to 12h.
1 Tunbridge W.	coor	aroc	50	68	-	3	2.5	6.2
Bournemouth	r	rroc	56	59	6	7	0.0	0.5
Ventnor	orfo	rfo	57	62	2	3	0.0	3.2
Southsea	or	orod	59	64	1	3	0.2	0.8
Bognor Regis	cpr	cbpr	58	63	Trace	2	0.6	4.7
Littlehampton	crc	cor	59	63	Trace	1	0.2	4.8
Worthing	c	cbcr	58	64	-	Trace	1.2	6.1
Brighton	cdde	c	58	63	-	0.6	1.5	5.9
Eastbourne	co	orroc	55	64	-	3	1.9	7.1
Hastings	cop	orroc	53	64	-	3	0.8	6.3
Folkestone	vo	airm	55	66	-	3	0.1	7.5
Dover	cpo	or	57	65	-	3	0.3	9.0
Deal	oco	orrr	58	59	-	7	0.1	8.6
Ramsgate	co	or	59	63	-	3	0.0	8.5
Margate	c	cr	57	65	-	6	0.0	7.7
2 Southend	co	ord	55	71	-	5	2.4	3.9
Claughton-on-Sea	bcc	cor	55	65	-	3	1.6	1.7
Dovercourt	bcc	ocr	*	67	-	5	3.1	2.5
Lowestoft	bcc	cir	54	63	-	Trace	2.3	2.2
Skegness	odzo	odrr	58	62	-	4	0.0	2.9
Mablethorpe	orodo	orr	56	57	3	5	0.0	5.8
Cleethorpe	cr	or	54	55	7	4	0.0	3.9
3 Leamington S.	orod	oc	52	63	14	0.2	0.2	0.4
Cheltenham	o	ocpc	51	64	16	Trace	0.3	0.0
4 Bath	cp	pcbc	55	66	13	0.3	1.6	0.6
Weymouth	rnd	de	55	64	14	2	0.1	0.0
Jersey	rcpc	bbc	57	63	2	1	3.2	2.7
Torquay	bc	bbc	53	66	17	-	3.6	0.4
Falmouth	b	b	55	64	1	-	10.1	0.0
Penzance	bccb	bcbbc	52	64	0.5	-	7.3	0.0
St. Ives	c	b	51	63	0.3	-	7.5	0.0
Bude	bc	bcbbc	50	61	-	-	7.4	0.0
Ilfracombe	rocbc	bc	54	63	0.3	-	6.2	0.0
5 Aberystwyth	cbcc	bcc	48	61	-	-	0.8	0.2
Llandudno	bcc	c	48	61	-	-	1.8	1.7
Colwyn Bay	cbcc	bcbcc	46	61	-	-	1.8	1.5
Rhyl	cbc	bcc	46	62	-	-	2.5	0.3
6 Wallasey	cbc	bc	50	62	-	-	4.3	0.3
Southport	bccoc	bcc	46	66	-	-	4.3	0.7
Blackpool	oc	cbcc	46	63	-	-	3.6	1.4
Morecambe	c	bcc	47	62	-	-	2.3	2.7
7 Ilkley	orr	rro	51	59	0.6	3	0.0	0.0
Harrogate	orr	orro	51	56	4	6	0.0	0.6
Berwick-on-T.	c	coro	51	59	-	Trace	3.2	7.3
10 Dunbar	bc	bcn	53	65	-	-	1.4	10.0
11 Troon	cbcc	bcbcc	52	61	Trace	-	6.1	6.0
12 Douglas	bc	b	56	52	-	-	5.6	6.7

\* Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th July, 1938.
1 S.E. England	Wind northwest, light or moderate; fair; bright periods; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind light northwesterly, cloudy; some rain today; fair tomorrow; cool.
5 S.W. England	
6 South Wales	
7 North Wales	As 1.
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 2 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 1.
13 { A.W. Scotland B.N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Wind light variable; fair; bright periods; average temperature.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway W.C.2

## 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.

A shallow depression over the North Sea is almost stationary and is slowly filling up. A ridge of high pressure off Ireland is moving eastwards. Over most of the country weather will be fair but there will be rain today in Northeast England.

### FURTHER OUTLOOK.

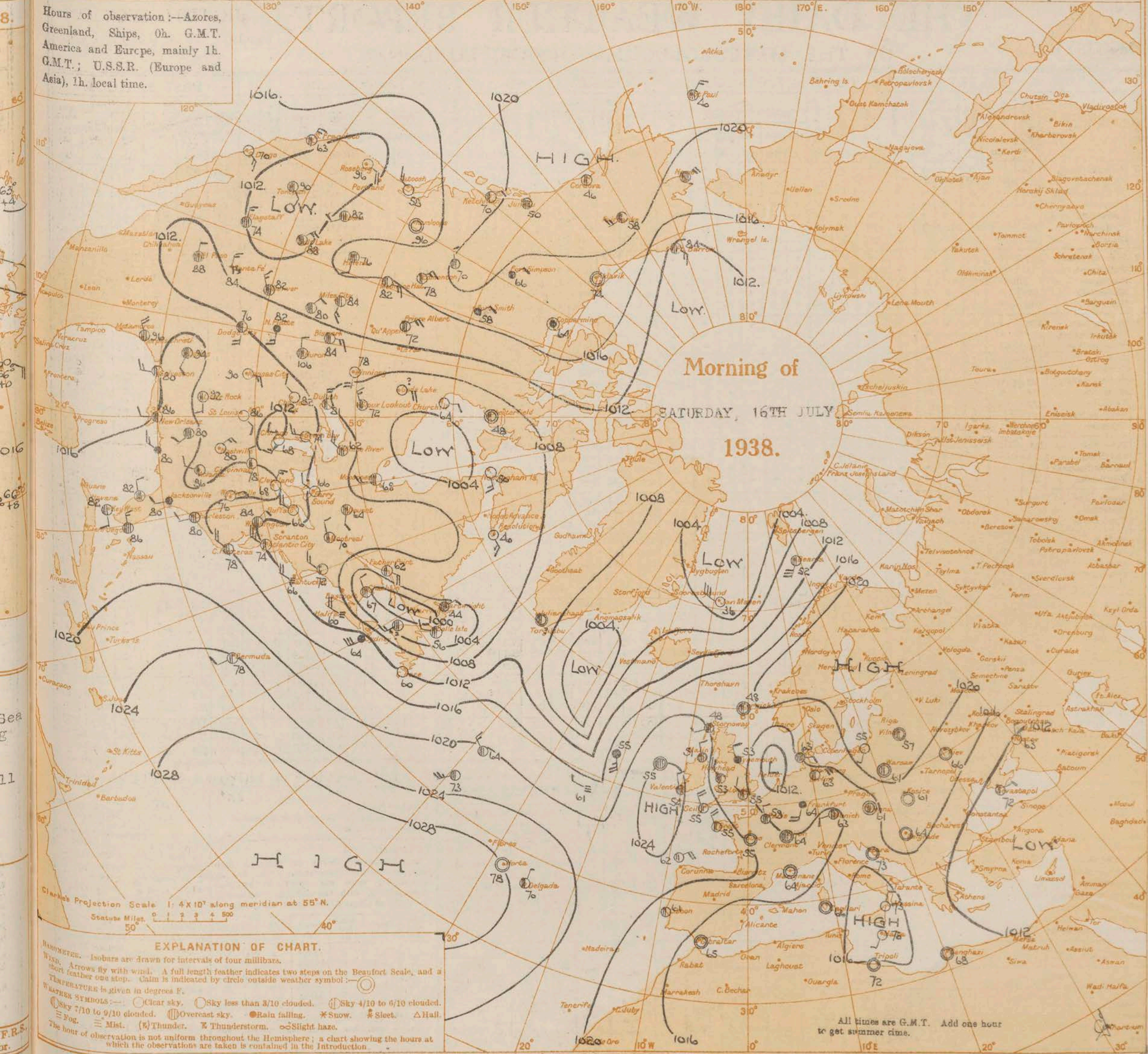
Mainly fair.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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





## THE DAILY WEATHER REPORT

Saturday, 16th July, 1938

No. 27995.

OF THE METEOROLOGICAL OFFICE, LONDON.

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. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Vis. in miles.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Vis. in miles.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Vis. in miles.	TEMPERATURE.				RAINFALL.		SUNSHINE.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					Dir.	Force.					Low.	Med.	High.	Total.			Dir.	Force.					Low.	Med.	High.	Total.			Dir.	Force.					Low.	Med.	High.	Total.	Dir.	Force.		Low.	Med.	High.	Total.	Dir.	Force.	Low.	Med.	High.	Total.	Day 7h-18h.	Night 18h-7h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 17th July, 1938.

No. 27996.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 16th July														OBSERVATIONS at 18h. G.M.T. 16th July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Dir.	Force					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Low					Med.	High	Low 0-10	Total 0-10	Height of Base (feet)			7h-13h 16th	13h-18h 16th	18h-6h 17th	6h-12h 17th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
(For heights see p. 4.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1	London (Kew)	1013.5	+0	WNW	3	ir.	58	75	8	5	2	-	1	10	1500	1020.1	+4	WN	3	Spr	61	65	8	5	2	-	7.8	10	1500	1	*	cm.prc	cm.prc	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c



# REPORTS from HEALTH RESORTS for 16th July 1938.

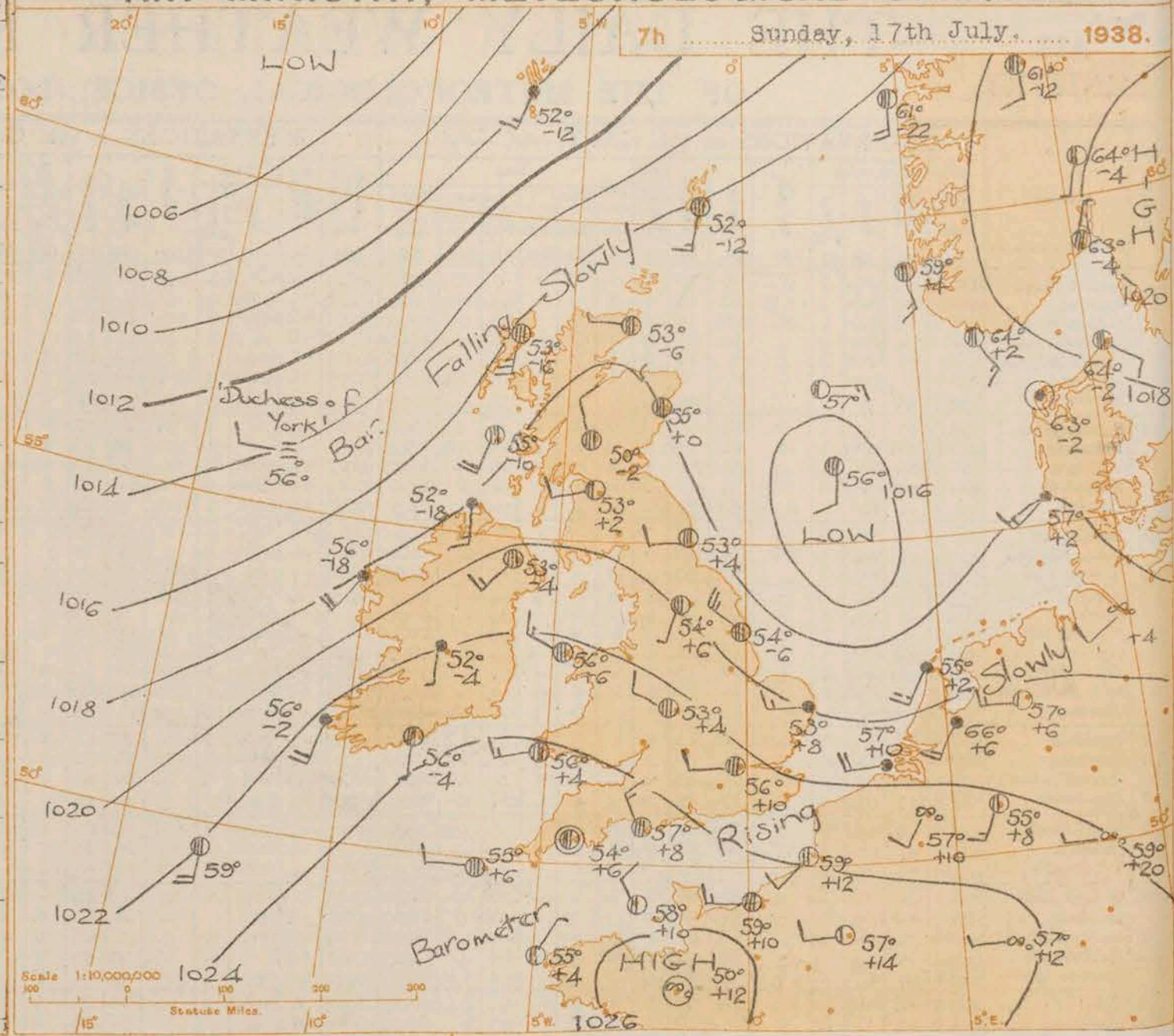
DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		Sunshine (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
		9h-12h.	12h-3h.	9h-12h.	12h-3h.	9h-12h.	12h-3h.	17h-18h.	18h-19h.
1	Tunbridge W.	oabc	coro	54	65	1	Trace	4.7	2.5
	Bournemouth	bhebc	bcc	53	67	-	-	4.4	0.3
	Ventnor	oebcc	beo	54	66	-	-	4.3	0.0
	Southsea	bcc	coc	54	65	Trace	-	1.1	0.3
	Bognor Regis	oebcc	cbcc	51	66	0.3	-	3.0	0.6
	Littlehampton	ebc	bcc	51	66	2	-	1.8	0.2
	Worthing	c	bcc	52	67	-	-	1.7	1.2
	Brighton	cbabc	rebre	52	64	0.5	0.5	1.9	1.5
	Eastbourne	c	cbcc	54	66	0.3	-	5.6	2.1
	Hastings	coc	cbcc	54	65	1	0.3	3.5	1.0
	Folkestone	oc	otlr	55	66	1	3	2.8	0.1
	Dover	ebc	ptlyr	55	65	1	2	2.5	0.3
	Deal	obcc	brtr	55	66	2	8	1.5	2.2
	Ramsgate	bcco	robc	56	64	7	2	3.7	0.0
	Margate	bcc	bccr	55	64	2	3	4.3	0.0
2	Southend	c	cpc	54	66	Trace	0.5	2.1	2.4
	Clacton-on-Sea	bc	bcc	53	66	2	-	5.8	1.6
	Dovercourt	rbcc	bcc	56	65	5	-	3.6	3.1
	Lowestoft	opcid	cid.	54	61	3	Trace	0.3	2.3
	Skegness	odamo	o.d.	52	57	0.5	Trace	0.0	0.0
	Mablethorpe	odo	orod	52	56	2	8	0.0	0.0
	Cleethorpe	or	oror	53	56	2	5	0.0	0.0
3	Leamington S.	orod	od	53	59	2	2	0.0	0.2
	Cheltenham	oc	c	51	64	Trace	-	0.3	1.4
5	Bath	bcc	cbcc	54	64	2	-	6.0	1.9
	Weymouth	bcc	cbcc	54	66	Trace	-	4.6	0.3
	Jersey	bc	bc	55	67	-	-	10.9	5.5
	Torquay	bcc	byv	53	65	-	-	8.2	5.5
	Falmouth	b	b	51	65	-	-	11.8	12.7
	Penzance	bcbcc	bcbcc	53	65	-	-	10.9	9.6
	St. Ives	b	b	51	63	-	-	9.4	10.6
	Bude	bc	bc	53	60	-	-	10.5	10.0
	Ilfracombe	bcc	cbcc	56	62	-	-	6.7	9.4
6	Aberystwyth	cbcc	bcc	54	62	-	-	1.0	3.6
7	Llandudno	cbcc	cbcc	53	59	-	-	2.8	1.8
	Colwyn Bay	oc	cbcc	53	61	-	-	2.5	1.9
	Rhyl	c	cbcc	54	59	-	-	1.0	2.5
8	Wallassey	R	irc	55	60	1	4	0.5	4.5
	Southport	oro	cbcc	54	63	5	1	0.2	4.4
	Blackpool	oc	cbcc	55	61	1	Trace	0.3	3.7
	Morecambe	cidbc	cbcc	55	64	1	Trace	1.4	2.3
9	Ilkley	orr	rro	52	57	11	5	0.0	0.0
	Harrogate	orr	orr	51	54	9	6	0.0	0.0
10	Berwick-on-T.	olr	o	53	55	0.2	Trace	0.0	3.2
11	Dunbar	cm.	bem.	53	56	-	-	0.0	1.4
12	Tron	bcbcc	bcbcc	52	62	-	-	8.3	6.6
	Douglas	bc	b	51	59	-	-	5.5	8.3

† Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th July, 1938.
1 S.E. England	Light westerly wind; fair; average temperature or rather warm.
2 E. England	Moderate westerly wind; local rain at first, then fair; average temperature.
3 E. Midlands	As 1.
4 W. Midlands	As 1.
5 S.W. England	Light to moderate southwest to south winds, fresh locally; mainly cloudy, local rain later; average temperature.
6 South Wales	As 5.
7 North Wales	As 5.
8 N.W. England	As 5.
9 N. Midlands	Light to moderate west to southwest winds; bright periods, local rain later; average temperature.
10 N.E. England	As 9.
11 S.E. Scotland	As 9.
12 S.W. Scotland & Isle of Man.	As 9.
13 { A. W. Scotl. B.N.W. Scotl. land.	Fresh southerly winds, veering west and moderating; occasional rain, bright periods later; average temperature.
14 Mid Scotland	As 13.
15 N. E. Scotland	As 13.
16 Orkney and Shetland	As 13.
17 N. W. Ireland	As 13.
18 N. E. Ireland	Moderate to fresh south to southwest wind; cloudy, occasional rain; average temperature.
19 S. E. Ireland	As 18.
20 S. W. Ireland	As 18.

H.M. Stationery Office Press, Edinburgh, W.C.2.

## 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.

A ridge of high pressure over England and Wales is moving east and will be followed by a trough of low pressure from the Atlantic. There will be occasional rain or drizzle in Scotland, Ireland and Northwest districts of England and Wales, but elsewhere weather will be fair after local rain at first near coasts of East and Northeast England.

### FURTHER OUTLOOK.

Unsettled in the North and West; mainly fair in the Southeast.

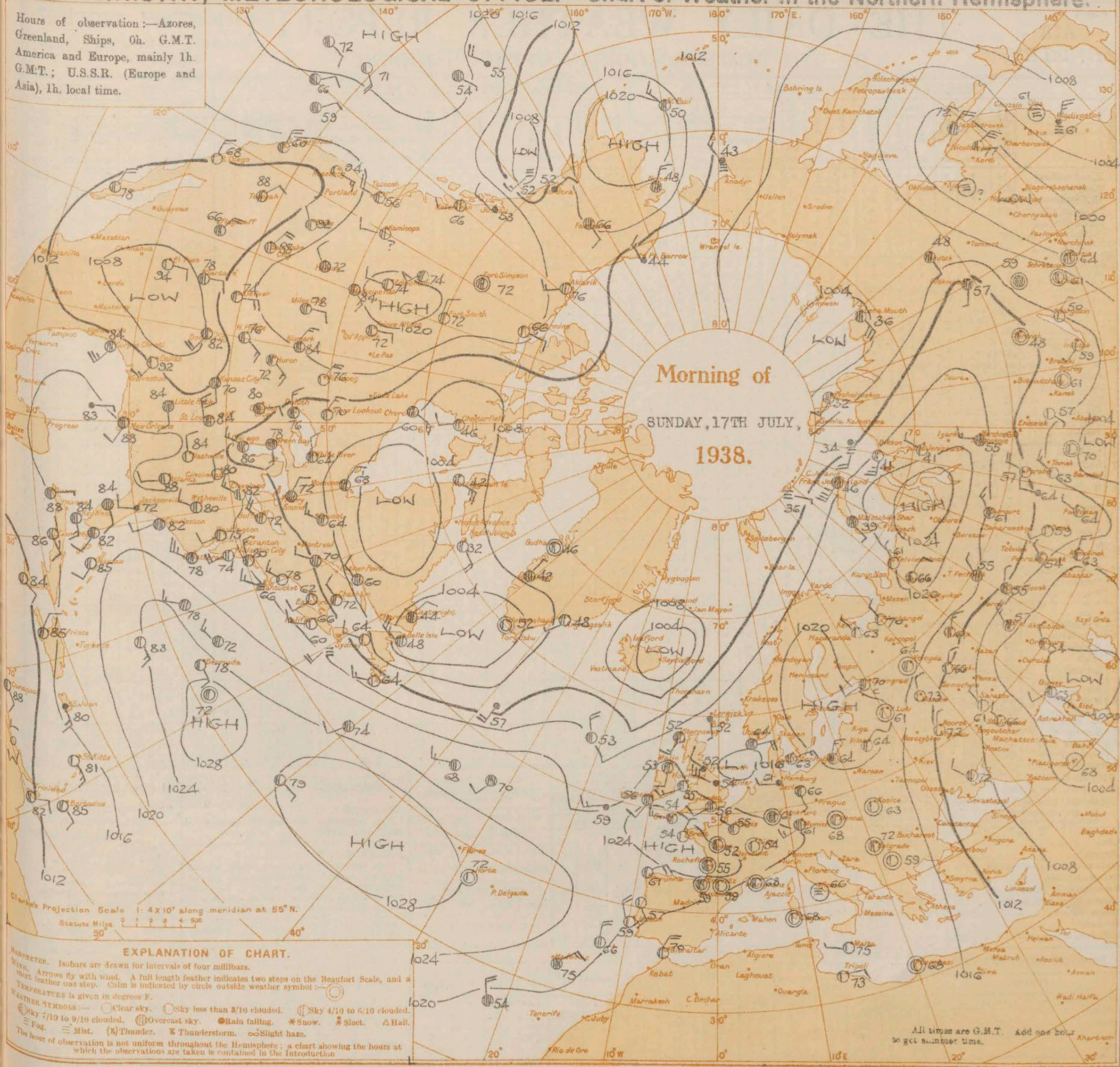
Forecasts issued at 1100 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



# 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.

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## EXPLANATION OF CHART.

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

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



PAST 24 HOURS.

1 h observations are from Valentin W/T Station.      † Maximum and Minimum Temperatures are for the 24 hours ending 8 h.      ‡ Sea disturbance reported from Dungeness.



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday, 18th July 1938.  
No. 27997.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 17th July														OBSERVATIONS at 18h. G.M.T. 17th July														PAST 24 HOURS.								
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	%Humid.	Visiblity	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	%Humid.	Visiblity	Cloud.				State of Ground.	Sea.	WEATHER.										
				Direc.	Force					Form.	Amount.	Height of Base (feet)	Direc.			Force	Form.					Amount.	Height of Base (feet)	7h-13h. 17th.	13h-18h. 17th.			18h-1st 18th.	1st-18h. 18th.									
																														Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)					
1	London (Kew)	1023.2	-4	WSW	3	C	66	55	8	7	-	-	7-8	7-8	4000	1022.8	-2	WSW	3	C	67	55	8	1	2	-	Tr	3+	4000	0	*	bccy	bccy	cyc	c			
	Croydon	1023.3	-6	WSW	3	bc	67	55	8	1	-	3	4-6	4-6	4000	1022.8	0	W'S	4	C	66	55	8	4	7	-	2-3	9+	4000	0	*	cbbcy	bccy	cyc	c			
	S. Farnborough	1023.5	-2	W'S	3	C	66	55	8	7	-	1	7-8	7-8	4000	1023.2	+2	W'N	3	ir	66	55	8	7	7	-	2-3	9+	5700	1	*	bccy	cy	c	cd.c			
	Boscombe Down	1024.0	-6	W'N	3	C	65	55	9	1	3	8	4-6	9	4000	1024.0	+2	W'N	4	C	63	65	9	2	7	-	1	9+	4000	1	*	bccy	cyc	c	cd.c			
	Calshot (Stmntn.)	1024.3	-2	SW'S	4	C	66	65	8	7	-	2	7-8	9	4000	1024.1	+2	SW	4	C	62	75	8	7	7	-	2-3	9	4000	0	2	bccy	cbcc	c	cd.c			
	Lympne	1023.6	-6	SW	3	C	63	65	8	2	4	3	7-8	9	4000	1023.6	+4	SSW	3	C	62	75	8	-	9	2	0	7-8	-	0	2	cbcc	cbcc	c	cd.c			
	Manston	1022.9	-6	W	3	C	66	55	7	8	-	6	9	9+	2500	1022.4	-2	W	1	C	66	65	7	8	7	-	4-6	9+	4000	1	*	bccy	cbccy	c	cd.c			
2	Shoeburyness	1023.2	-6	SW	3	C	63	45	8	7	-	1	7-8	7-8	4000	1022.5	-2	SW	2	C	68	55	7	5	7	-	2-3	9+	4000	0	*	bccy	bccy	cyc	irm.c			
	Felixstowe	1022.2	0	WSW	3	C	65	55	7	5	3	-	7-8	7-8	2500	1021.8	0	W	3	C	67	55	8	5	7	8	2-3	7-8	4000	0	2	circ	cbccy	cyc	oprid.m			
	Gorleston	1021.0	+8	NW'W	4	C	60	75	7	8	3	-	9+	9+	2500	1020.6	0	WNW	3	C	67	75	6	5	7	-	2-3	9	2500	0	2	org	cbcc	c	oprid.m			
	Mildenhall	1021.5	-2	W	4	C	65	55	8	5	7	6	4-6	9	2500	1021.5	+6	W	3	C	66	55	8	4	7	-	1	9+	2500	0	*	circy	cy	cyc	oprid.m			
	Cranwell	1021.2	-2	NW'W	4	C	63	55	8	2	7	6	4-6	9	4000	1023.6	+8	W'N	3	ir	60	75	7	5	7	-	7-8	10	2500	1	*	c	cy	circ	oprid.m			
3	Birmingham	1022.4	-2	WNW	3	C	64	55	8	7	7	-	4-6	9	4000	1022.6	0	W	2	C	59	75	8	6	7	-	2-3	10	2500	1	*	bcc	cpr	c	cold			
	Upper Heyford	1022.9	-4	WNW	3	C	67	55	9	7	4	8	4-6	9+	4000	1023.0	+6	W	3	ir	61	75	8	5	7	-	1	10	4000	0	*	bcc	cpr	c	cd.c			
4	Ross-on-Wye	1022.8	0	W'N	3	C	65	55	8	1	2	-	4-6	9	4000	1022.9	0	W	3	C	61	65	8	1	7	-	Tr	9+	4000	0	*	ccy	cy	c	cd.c			
5	Portland Point	1024.8	0	W	4	C	59	85	8	8	7	-	4-6	7-8	800	1024.4	-2	W	5	C	58	85	8	8	7	-	4-6	10	1500	0	3	circ	c	cd.c	d.f.d			
	Bristol	1024.2	-2	W'S	4	C	63	65	8	1	4	8	4-6	7-8	4000	1024.5	+2	WNW	4	C	59	75	8	7	7	-	4-6	9+	2500	0	*	cbcc	bccy	c	cd.c			
	Portland Bill	1024.9	+4	SW	6	C	58	85	8	2	4	-	7-8	9	2500	1024.5	-4	WSW	3	C	58	85	8	2	4	-	4-6	9	2500	1	3	c	c	c	cd.c			
	Plymouth	1025.7	-2	SW'W	4	C	60	75	8	8	7	-	4-6	9	2500	1025.2	-2	WSW	5	C	60	75	9	7	9	2	1	7-8	2500	0	3	cbcc	c	c	cd.c			
	The Lizard	1026.5	0	SW'W	2	C	61	75	8	4	6	-	4-6	7-8	2500	1026.3	-4	W'S	2	bc	61	85	8	4	4	-	4-6	4-6	2500	0	1	bcc	cbcc	c	cd.c			
	Scilly (St. Mary's)	1026.0	-4	SW'W	4	C	61	75	9	8	7	4	2-3	7-8	2500	1025.7	-2	WSW	4	C	59	85	9	4	7	4	Tr	9	4000	0	2	c	c	c	cd.c			
	Guernsey	1026.5	+2	NW'W	2	C	61	65	9	8	1	-	4-6	7-8	2500	1026.0	0	W'N	2	C	60	75	9	1	3	-	2-3	7-8	2500	0	1	bcc	cbcc	cw	cd.c			
6	Pembroke	1024.5	0	SW'W	4	Cq	60	85	8	8	7	-	4-6	9	2500	1024.2	-2	SW'W	5	Cq	56	92	8	5	2	-	7-8	10	2500	1	2	cq	cd.c	cd.c	offe			
7	Holyhead	1021.6	-6	SW	4	C	58	85	9	7	7	-	2-3	9+	2500	1020.7	-8	SW	4	DD	56	97	6	5	2	-	9	10	220	1	2	cpr	cd.c	cd.c	offe			
	Chester (Sealand)	1022.3	-2	NW'W	3	ir	59	75	8	5	2	-	4-6	10	4000	1021.5	-8	SW'S	2	C	60	75	8	5	2	-	9	10	2500	1	*	cpr	cd.c	cd.c	offe			
8	Manchester	1022.1	+2	W	4	C	59	65	8	2	7	-	1	10	2500	1021.3	-4	SW'S	3	ir	58	75	7	5	7	-	4-6	10	2500	1	*	c	c	cd.c	offe			
10	Spurn Head	1020.0	0	NW	3	C	63	92	6	2	8	3	4-6	7-8	1500	1020.3	+4	WNW	5	0	60	65	6	5	-	-	10	10	2500	0	2	cpr	cd.c	cd.c	offe			
	Catterick	1019.4	-2	W'S	3	C	61	65	8	4	2	-	1	9+	2500	1019.7	-4	WSW	3	ir	55	85	8	6	2	-	9+	10	800	1	*	bcc	cd.c	cd.c	offe			
	Tynemouth	1019.2	+2	NW	2	C	60	65	7	5	-	-	9	9	1500	1018.4	-4	W	3	C	58	75	6	8	-	-	9+	9+	1500	1	2	cbcc	c	c	offe			
11	St. Abbs Head	1018.0	0	WNW	2	C	59	65	8	8	6	-	4-6	9+	2500	1017.7	-4	SW	2	ir	57	75	8	3	2	-	7-8	10	1500	0	2	c	ir	cd.c	offe			
	Leuchars	1017.7	-6	W	2	pr	59	75	8	7	7	-	4-6	10	2500	1017.2	-4	SW	2	C	57	85	7	5	7	-	7-8	9+	2500	0	*	cpr	cd.c	cd.c	offe			
12	Rentrev (Abbots L.)	1018.6	-2	SW	2	C	58	75	8	-	2	-	10	10	4000	1016.7	-10	SW'S	3	cd	58	92	6	6	1	-	9	10	800	0	*	bccid	cd.c	cd.c	offe			
	Eskdalemuir	1019.1	-2	SW	4	pr	55	75	8	5	1	-	7-8	9+	1500	1018.3	-6	SW'S	4	cd	53	92	6	6	-	-	10	10	450	1	*	cpr	cd.c	cd.c	offe			
	Point of Ayre	1020.8	-2	W'S	4	ir	58	85	8	4	2	-	Tr	10	1500	1018.9	-10	W'S	4	C	58	97	8	5	2	-	7-8	10	800	1	3	cpr	cd.c	cd.c	offe			
13A	Tiree	1015.6	-8	SSW	4	ir	56	97	6	-	2	-	10	10	800	1017.2	+10	NW'N	4	C	57	92	7	5	-	-	7-8	7-8	1500	1	3	cpr	cd.c	cd.c	offe			
13B	Stornoway	1015.4	-6	SSW	5	ir	56	97	7	5	2	-	7-8	10	1500	1016.4	+10	NW	3	C	55	75	8	5	7	-	7-8	9+	2500	1	2	cpr	cd.c	cd.c	offe			
15	Dalwhinnie	1017.8	-2	NNW	2	C	52	85	7	4	2	-	2-3	10	2500	1017.7	-10	NW	3	C	55	85	7	4	2	-	4-6	10	2500	0	*	c	c	cd.c	offe			
	Aberdeen	1017.5	-2	SE	2	pr	57	65	8	7																												



DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 1st.	Sunrise to Sunset.
				9h. to 12h.	12h. to 3h.	12h. to 3h.	3h. to 6h.	1st. to 12h.	12h. to 6h.
1	Tunbridge W.	cbc	bc	49	63	-	-	7.0	4.8
	Bournemouth	bcc	bcbcc	49	68	-	-	7.2	6.7
	Ventnor	bcb	bcc	50	64	-	-	10.3	5.1
	Southsea	bcb	b	* 52	69	-	-	8.9	1.3
	Bognor Regis	bc	bc	52	65	-	-	8.9	3.2
	Littlehampton	bc	bc	51	64	-	-	8.5	1.9
	Worthing	bc	bcc	52	66	-	-	8.1	1.9
	Brighton	bcb	bcc	53	65	-	-	6.3	1.9
	Eastbourne	bcb	c	54	65	-	-	7.5	5.6
	Hastings	bcb	bcbcc	52	66	Trace	-	5.8	3.6
	Folkestone	bcc	bcb	54	65	Trace	-	4.0	2.8
	Dover	bcb	bc	56	65	Trace	-	5.4	2.5
	Deal	cb	bcb	55	68	-	-	5.0	1.5
	Ramsgate	c	bc	56	69	-	-	5.6	4.1
	Margate	bcb	bc	56	70	-	-	6.1	5.2
2	Southend	bcb	bcc	54	72	0.5	-	5.5	2.1
	Clacton-on-Sea	bcb	bc	53	71	1	-	5.1	5.3
	Dovercourt	bcb	bc	50	70	Trace	-	4.9	3.6
	Lowestoft	bcb	bcbcc	52	68	2	Trace	1.5	0.3
	Skegness	bcb	bcc	51	67	4	Trace	2.2	0.0
	Mablethorpe	bcb	bcc	51	64	6	Trace	2.4	0.0
	Cleethorpe	bcb	bcc	51	63	3	-	3.4	0.0
3	Leamington S.	c	cop	47	68	-	0.2	5.2	0.8
	Cheltenham	bcb	cgc	46	66	Trace	Trace	4.3	0.3
5	Bath	bcb	bcb	50	67	-	-	8.4	7.9
	Weymouth	bc	b	48	62	-	-	3.6	6.2
	Jersey	bcc	bc	53	64	-	-	7.4	13.6
	Torquay	bcb	bcb	49	65	-	-	7.2	7.9
	Falmouth	b	b	48	65	-	-	5.3	16.2
	Penzance	bcb	bcb	48	65	-	-	3.9	12.2
	St. Ives	c	c	51	63	-	-	2.5	12.6
	Bude	bcb	bc	56	62	-	-	3.6	12.4
	Ilfracombe	bcb	bcb	56	62	-	-	2.5	11.6
6	Aberystwyth	bcb	bcb	56	62	-	-	1.1	5.0
7	Llandudno	c	gcd	54	61	-	0.1	1.6	3.7
	Colwyn Bay	bcb	cpc	51	63	-	0.1	1.4	3.5
	Rhyl	bcb	cprc	48	62	-	0.4	0.7	4.7
8	Wallasey	bcb	pc	54	61	-	Trace	2.0	4.7
	Southport	bcb	obcr	53	62	-	0.1	0.7	4.4
	Blackpool	bcb	od	54	60	-	Trace	0.8	3.7
	Morecambe	bcb	cirer	53	60	-	1	4.0	2.3
9	Ilkley	bcb	cor	51	62	6	Trace	3.8	0.0
	Harrogate	bcb	cp	50	61	7	Trace	3.7	0.0
10	Berwick-on-T.	c	oig	50	61	Trace	Trace	4.0	2.2
11	Dunbar	bc	bogm	48	60	-	Trace	2.4	1.4
12	Tron	bcb	codo	52	62	-	Trace	1.7	8.3
	Douglas	bcb	cd	49	57	-	3	0.6	10.9

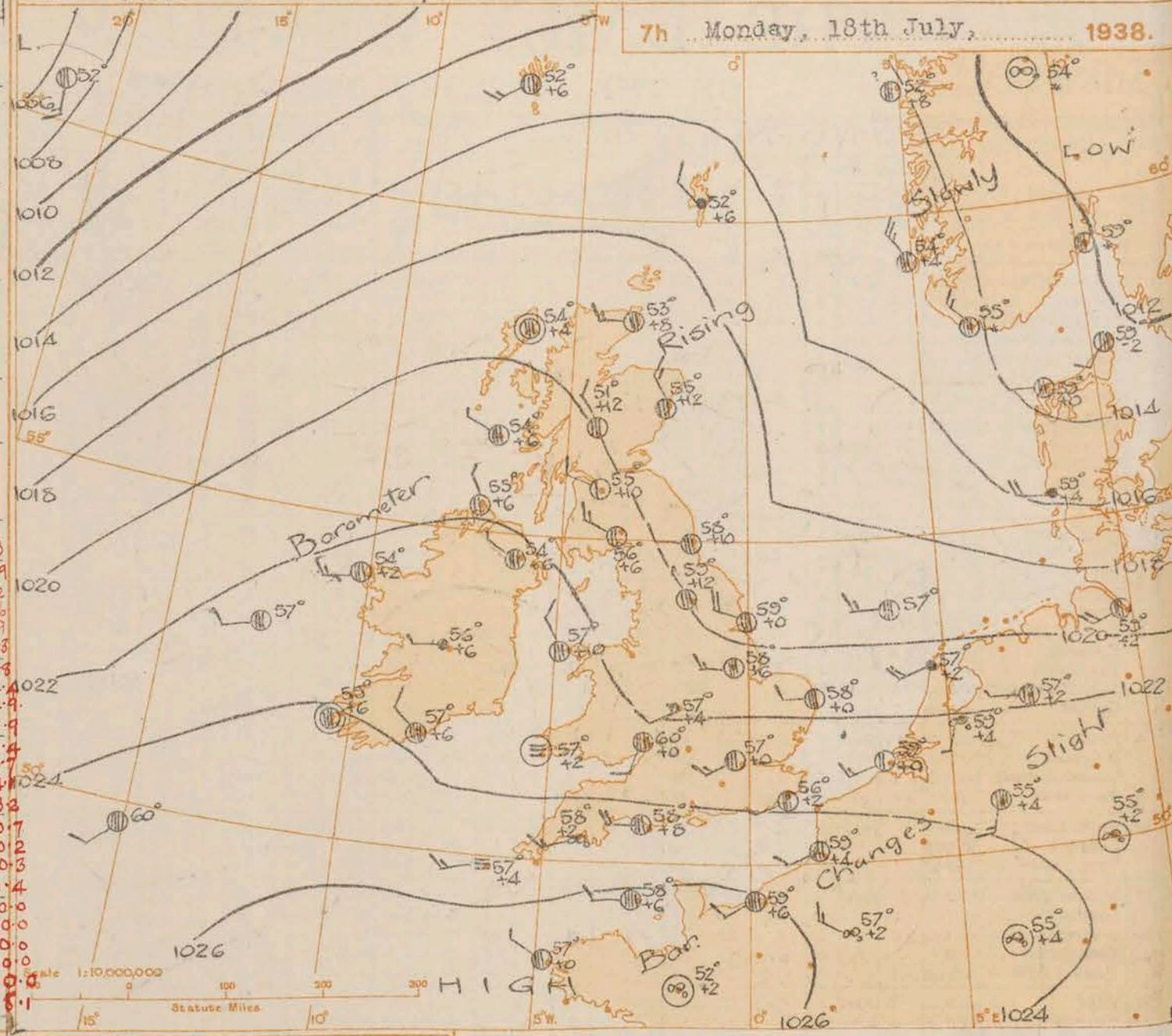
\* Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th July, 1938.
1 S.E. England	Light westerly or variable winds; mainly cloudy with slight drizzle locally; close.
2 E. England	
3 E. Midlands	Light to moderate westerly winds; cloudy and close with local drizzle; chance of bright and warm intervals inland.
4 W. Midlands	
5 S.W. England	Light to moderate west to southwest winds; mainly cloudy and close with local coast fog.
6 South Wales	
7 North Wales	
8 N.W. England	Light to moderate westerly winds, backing and freshening slowly; mainly cloudy and close with local drizzle and mist on hills.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A.W. Scotland & N.W. Scotland.	Moderate westerly winds, backing and freshening late in period; bright and cloudy periods; local drizzle; average temperature.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	As 7-13 A.
19 S.E. Ireland	As 13B-17.
20 S.W. Ireland	

N.W. Stationary Office Press, Kingsway, W.C.2

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 18th July, 1938.



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

## GENERAL INFERENCE.

A wedge of high pressure is moving slowly eastwards across the British Isles and a depression is approaching Iceland from the southwest. Weather will be mainly cloudy and close with slight drizzle locally and mist on hills.

## FURTHER OUTLOOK.

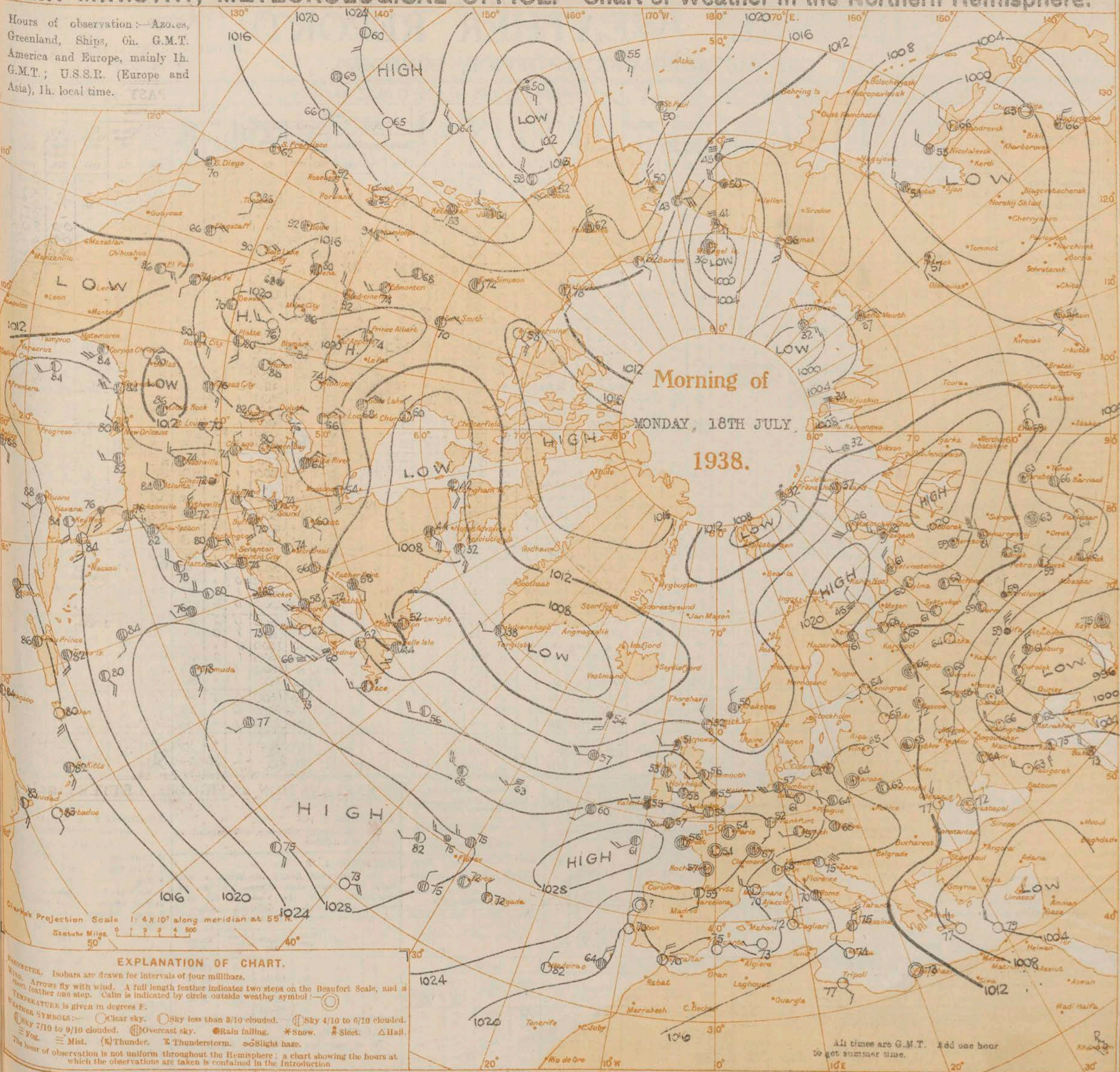
Bright intervals; showery.

Forecasts issued at 0930 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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





AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 18th July, 1938.  
No. 27997.

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. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				State of Ground. 0-0	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN-SHINE 17th Hrs.					
					Dir.	Force 0-12					Low	Med.	High			Low 0-10	Total 0-10					Height of Base (feet)	Low.	Med.	High			Low 0-10	Total 0-10	Height of Base (feet)	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.		Min. on Grass °F.	Day 7h-18h in.	Night 18h-7h in.		
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1023.1	+2	WSW	3	C	58	85	8	5	-	-	10	10	1500	1	*	70	58	55	-	Tr	8.4				
	Croydon	217	1023.9	-2	W	3	C	58	75	9	5	7	-	2-3	10	4000	1023.2	0	WSW	3	C	57	92	8	5	-	10	10	1500	1	*	70	56	54	-	Tr	7.4	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	1023.3	+2	WSW	3	C	57	92	8	5	-	-	10	10	1500	0	*	70	65	54	-	Tr	8.1				
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	1023.8	+2	W	3	C	57	92	8	5	-	-	10	10	800	0	*	67	55	55	-	-	8.1				
	Calshot (Stamtn.)	8	*	*	*	*	*	*	*	*	*	*	1023.9	+2	WSW	3	C	57	85	8	5	-	-	9	10	4000	1	2	67	54	55	-	-	8.0				
	Lympe	340	1024.1	-6	W/N	2	C	57	85	8	5	7	-	2-3	9	4000	1023.7	+2	WSW	1	C	56	92	8	5	-	7-8	9	1500	1	3	66	53	53	-	-	6.0	
	Manston	142	1023.7	+2	WNW	2	C	57	85	7	1	2	-	10	10	2500	1023.0	+2	WSW	2	C	56	92	7	5	-	4-6	9	4000	1	*	63	54	53	-	-	5.6	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1022.7	0	WS	3	C	59	85	6	5	-	-	7-8	10	4000	1	*	71	56	54	-	1	6.7				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1022.3	+6	WSW	3	C	58	92	6	5	-	-	10	10	1500	0	2	70	55	54	-	Tr	5.4				
	Gorleston	5	1021.9	-4	SW	2	C	57	85	7	6	-	-	10	10	2500	1021.2	0	W	2	C	58	92	6	5	-	10	10	2500	1	2	67	55	53	-	Tr	1.4	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	1021.8	+6	SWW	2	C	58	92	6	5	-	-	9	10	1500	1	*	69	54	53	-	Tr	5.2				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1021.0	+6	W	3	C	58	92	6	5	-	-	9	9	800	1	*	68	53	52	-	Tr	3.4				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1022.0	+4	WSW	2	C	57	97	6	6	-	-	10	10	800	1	*	65	54	53	-	Tr	5.1				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	1022.4	0	SWW	2	C	59	85	8	5	-	-	7-8	10	1500	0	*	69	55	54	-	Tr	5.1				
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1022.1	0	SWW	2	C	60	85	7	5	-	-	10	10	2500	0	*	67	54	56	-	-	5.1				
4	Cardiff	299	1023.7	-6	W	4	C	57	97	5	2	-	10	10	450	1023.5	+8	W	4	C	58	97	4	1	-	10	10	1500	1	3	61	58	55	-	Tr	2.4		
	Bristol	209	1024.4	-8	W	3	C	58	85	8	5	-	-	10	10	2500	1024.3	+2	WSW	3	C	58	92	8	1	-	9	10	450	1	3	66	57	55	-	Tr	7.1	
	Portland Bill	32	1024.4	-8	W	3	C	58	85	8	5	-	-	10	10	2500	1024.3	+2	W	4	C	58	85	8	1	-	7-8	10	2500	1	3	60	56	55	-	Tr	7.1	
	Plymouth	82	1026.1	-4	WSW	3	C	56	97	7	8	-	-	4-6	7-8	2500	1024.7	+2	W'S	3	C	58	97	6	1	-	10	10	220	0	1	62	56	55	-	Tr	6.6	
	The Lizard	240	1026.1	-4	WSW	3	C	56	97	7	8	-	-	4-6	7-8	2500	1025.4	-6	WSW	3	C	57	97	2	1	-	10	10	800	1	2	62	55	55	-	Tr	6.0	
	Scilly (St. Mary's)	103	1025.8	-4	WSW	4	C	57	92	8	5	-	-	10	10	1500	1025.4	+4	W'S	3	C	57	97	2	1	-	10	10	1500	1	2	62	56	55	-	Tr	3.0	
	Guernsey	175	1026.8	-2	WNW	2	C	56	92	9	1	8	-	0	7-8	-	1026.1	+6	W	2	C	58	85	8	5	-	10	10	4000	0	1	63	55	53	-	-	11.9	
6	Pembroke	142	1023.2	-2	WSW	4	F+	57	97	1	-	-	-	10	10	150	1023.7	+2	-	0	F	57	97	1	-	-	10	10	150	1	2	61	55	55	-	Tr	0.0	
7	Holyhead	26	1020.9	+2	W	3	C	58	97	7	3	1	8	2-3	9	450	1022.1	+10	NNW	2	C	57	92	8	8	8	-	7-8	9	2500	1	1	59	55	55	-	Tr	0.4
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1021.9	+10	NNW	3	C	59	85	7	6	-	-	9	9	800	1	*	63	54	56	-	Tr	1.7				
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	1021.7	+10	NNW	3	C	57	85	7	8	-	-	7-8	7-8	1500	1	*	62	54	51	-	Tr	2.4				
10	Spurn Head	29	1020.2	-6	WSW	2	C	55	92	6	5	-	-	10	10	800	1019.8	0	NNW	1	C	59	92	6	5	-	9	9	1500	1	2	65	55	55	-	Tr	3.3	
	Catterick	175	1020.1	+12	NNW	1	C	59	85	8	3	-	-	9	9	4000	1020.1	+12	NNW	1	C	59	85	8	3	-	9	9	4000	1	*	64	54	49	-	Tr	2.9	
	Tynemouth	108	1018.2	-4	WSW	2	C	56	85	7	8	-	-	9	9	450	1019.4	+10	W	2	C	58	85	6	5	-	9	9	2500	1	1	63	56	54	-	Tr	2.8	
11	St. Abbs Head	290	1017.4	0	WNW	2	C	56	55	9	4	3	-	4-6	7-8	2500	1019.8	+14	N	2	C	54	92	7	3	-	10	10	800	1	1	60	53	54	-	Tr	0.9	
	Leith	35	1019.9	+4	W	1	C	57	85	8	5	3	-	9	9	1500	1019.9	+4	-	0	C	57	85	8	5	3	-	9	9	1500	1	*	60	51	41	-	Tr	0.9
12	RAF (Abbots L)	19	*	*	*	*	*	*	*	*	*	*	1020.6	+10	WNW	3	C	55	75	9	1	5	-	-	1	1	2500	0	*	59	48	44	-	Tr	0.7			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	1020.3	+6	NNW	3	C	56	75	8	5	-	-	2-3	2-3	2500	1	*	57	51	49	-	Tr	1.7				
	Point of Ayre	30	1019.9	+8	NNW	4	C	55	97	8	5	-	-	9	9	800	1021.9	+12	NNW	4	C	55	85	8	4	-	7-8	7-8	1500	0	3	62	53	54	-	Tr	1.0	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	1020.8	+6	NNW	1	C	54	75	9	5	-	-	9	9	2500	0	2	59	52	49	-	Tr	0.3				
13B	Stornoway	80	1018.8	+8	WSW	2	C	51	92	7	8	7	-	7-8	10	1500	1019.3	+4	-	0	C	54	85	7	5	-	4-6	9	1500	1	0	60	50	50	-	Tr	1.2	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	1019.7	+12	NNW	3	C	55	75	8	7	3	-	-	4-6	9	2500	0	*	56	45	38	-	-	0.2			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1019.7	+12	NNW	3	C	55	85	8	7	3	-	-	9	9	1500	1	0	60	50	49	-	Tr	1.9			
	Wick	81	1017.5	+10	WNW	2	C	50	97	8	5	4	-	7-8	9	1500	1019.0	+8	W	3	C	53	85	8	5	7	8	4-6	9	1500	1	1	59	45	50	-	Tr	1.1
16	Lerwick	156	1015.4	0	NW	3	C	52	97	8	5	3	-	7-8	10	800	1017.0	+6	NW	2	C	52	92	6	8	2	-	7-8	10	800	1	*	56	49	50	-	Tr	1.1
17	Blackod Point	18	1022.3	0	-	0	C	54	92	8	5	-	-	9	9	1500	1022.3	+2	W	3	C	54	92	9	5	-	10	10	1500	0	2	61	50	50	-	Tr	0.0	
18	Malin Head	84	1020.9	+6	NW																																	



Sea disturbances reported from Dungannon.



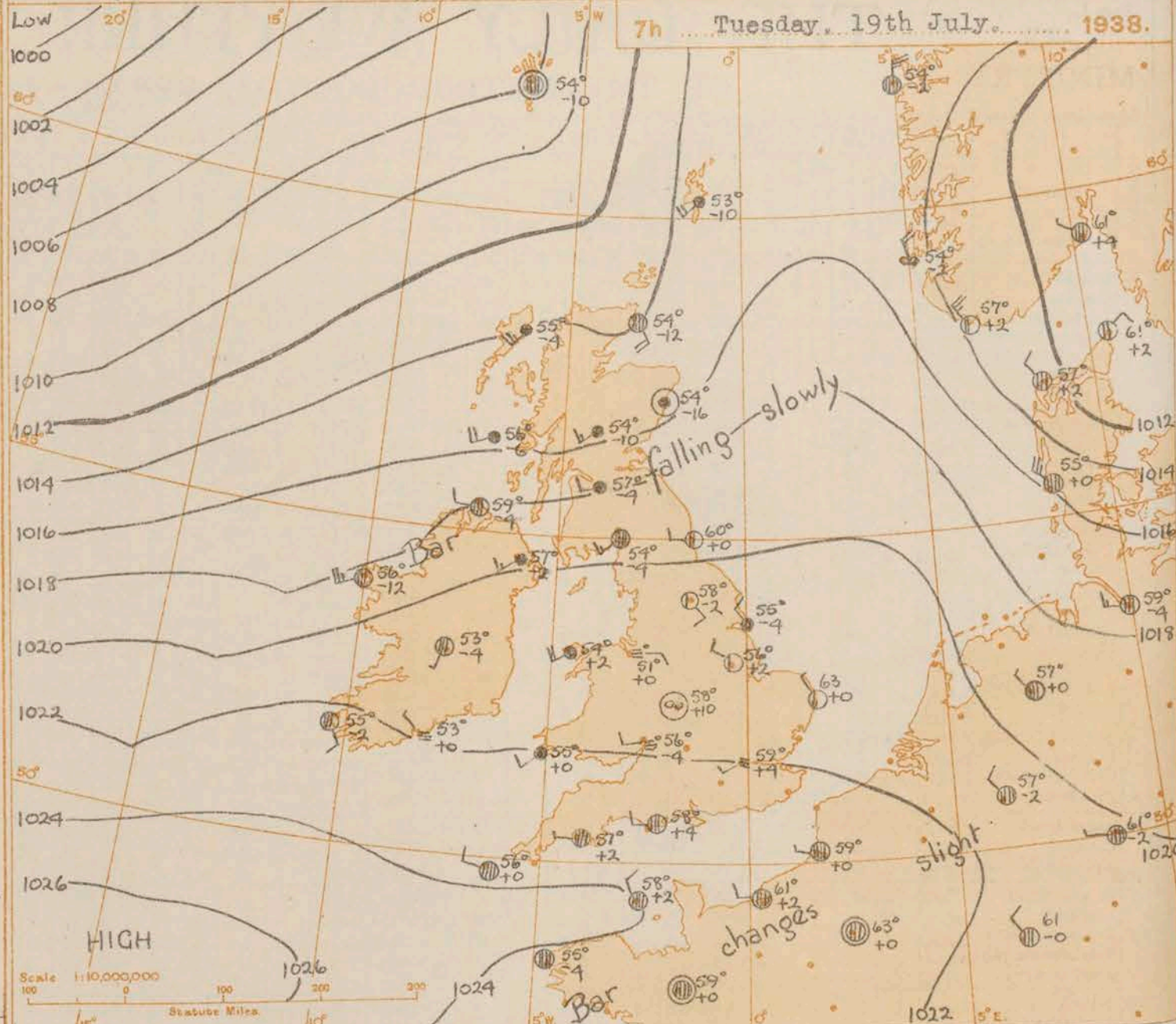
# REPORTS from HEALTH RESORTS for 18th July. 1938.

DISTRICTS	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. 17h.	Max. 9h. 17h.	Night 9h. 17h.	Day 9h. 17h.	Sunrise to 17h.	Sunset to 17h.
1	Tunbridge W.	o	od	55	69	Trace	Trace	0.6	7.2
	Bournemouth	eo	oc	57	69	0.3	-	0.3	7.9
	Ventnor	pob	bou	56	65	0.3	-	2.2	11.8
	Southsea	opbc	c	57	63	Trace	-	0.6	9.5
	Bognor Regis	o	bce	57	66	Trace	-	1.0	9.7
	Littlehampton	c	c	58	65	0.2	-	1.0	9.3
	Worthing	c	bce	57	67	Trace	-	1.5	8.3
	Brighton	c	bce	57	66	-	-	1.0	6.7
	Eastbourne†	o	ococ	58	67	0.1	-	1.4	7.8
	Hastings†	o	ococ	56	66	-	-	0.3	6.1
2	Folkestone	od.o	odm	56	63	Trace	Trace	0.0	4.3
	Dover	o	or	56	64	1	Trace	0.0	5.8
	Deal	erco	oido	57	65	Trace	Trace	0.3	5.2
	Ramsgate	co	eo	56	63	0.4	-	0.4	6.0
	Margate	cm.	c	56	66	1	-	0.2	6.2
	Southend	om	omdm	56	68	2	Trace	0.1	5.5
	Clacton-on-Sea	oid.c	cbcc	55	70	1	Trace	0.8	5.1
	Dovercourt	ocdee	bcc	55	67	0.5	-	0.4	4.9
	Lowestoft	oid.c	cocu	54	66	1	-	0.3	1.5
	Skegness	bcc	ebc	54	66	3	-	6.3	2.2
3	Mablethorpe	bccbc	bccbc	53	65	3	-	5.3	2.4
	Cleethorpes	ebc	be	54	67	2	-	6.2	3.4
	Leamington S.	od	oc	56	71	0.4	0.3	1.6	5.2
	Cheltenham†	oc	cbc	56	71	Trace	-	1.7	4.3
	Bath	c	c	58	68	Trace	-	1.0	8.4
	Weymouth	c	c	53	63	-	-	0.4	4.8
	Jersey	cbc	c	57	67	-	-	2.3	11.1
	Torquay	co	o	56	68	0.3	-	0.3	7.4
	Falmouth	b	c	57	70	Trace	-	0.9	6.5
	Penzance	mome	cbcc	57	67	0.3	-	1.8	4.1
4	St. Ives	c	b	52	68	-	-	3.6	3.1
	Bude	dr.	c	57	62	1	-	0.0	3.6
	Ilfracombe	roced	bccm	57	63	2	-	1.0	2.5
	Aberystwyth	moc	cbcc	56	62	7	-	0.2	1.1
	Llandudno	be	beb	57	62	2	-	8.1	1.6
	Colwyn Bay	ebcc	beb	57	60	1	-	6.6	1.4
	Rhyl	ebc	beb	56	64	1	-	7.4	0.7
	Wallasay	ebcb	b	57	62	1	-	7.0	2.0
	Southport	beb	bbcb	56	64	2	-	9.6	0.7
	Blackpool	bc	cbcbz	55	61	2	-	9.4	0.8
5	Morecambe	bbc	b	55	61	3	-	10.5	4.0
	Ilkley	cbcb	b	54	70	1	-	6.6	3.8
	Harrogate	beb	b	53	68	2	-	10.6	3.7
	Berwick-on-T.	bccbc	bccbc	54	58	Trace	-	6.3	4.0
	Dunbar	bcm.	bcp.	54	60	-	Trace	4.3	2.4
	Troon	cbe	cbcb	52	59	Trace	-	4.3	1.7
	Douglas	b	b	52	63	1	-	9.8	0.6

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 19th July. 1938.



### FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th July, 1938.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th July, 1938.
1 S.E. England	Light westerly winds; bright periods inland, mainly cloudy on coasts with local coast fog at first; rather warm inland.
2 E. England	
3 E. Midlands	Light to moderate variable to westerly winds; bright and cloudy periods; rather warm.
4 W. Midlands	
5 S.W. England	Light to moderate northwest to west winds; cloudy and close; local drizzle and fog near coasts.
6 South Wales	
7 North Wales	
8 N.W. England	Moderate westerly winds; bright at first, cloudy with rain at times later; rather warm to-day, average temperature tomorrow.
9 N. Midlands	
10 N.E. England	As 2 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scot- land.	Moderate to fresh southwest to west winds, veering; cloudy periods; occasional rain; temperatures approaching average; close.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	As 5 - 6.
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway W.C.2

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.

Small secondaries associated with a depression over Iceland will move northeastwards across the British Isles and maintain mainly cloudy and close weather generally. Over most of England there will, however, be bright periods with temperatures higher than of late.

### FURTHER OUTLOOK.

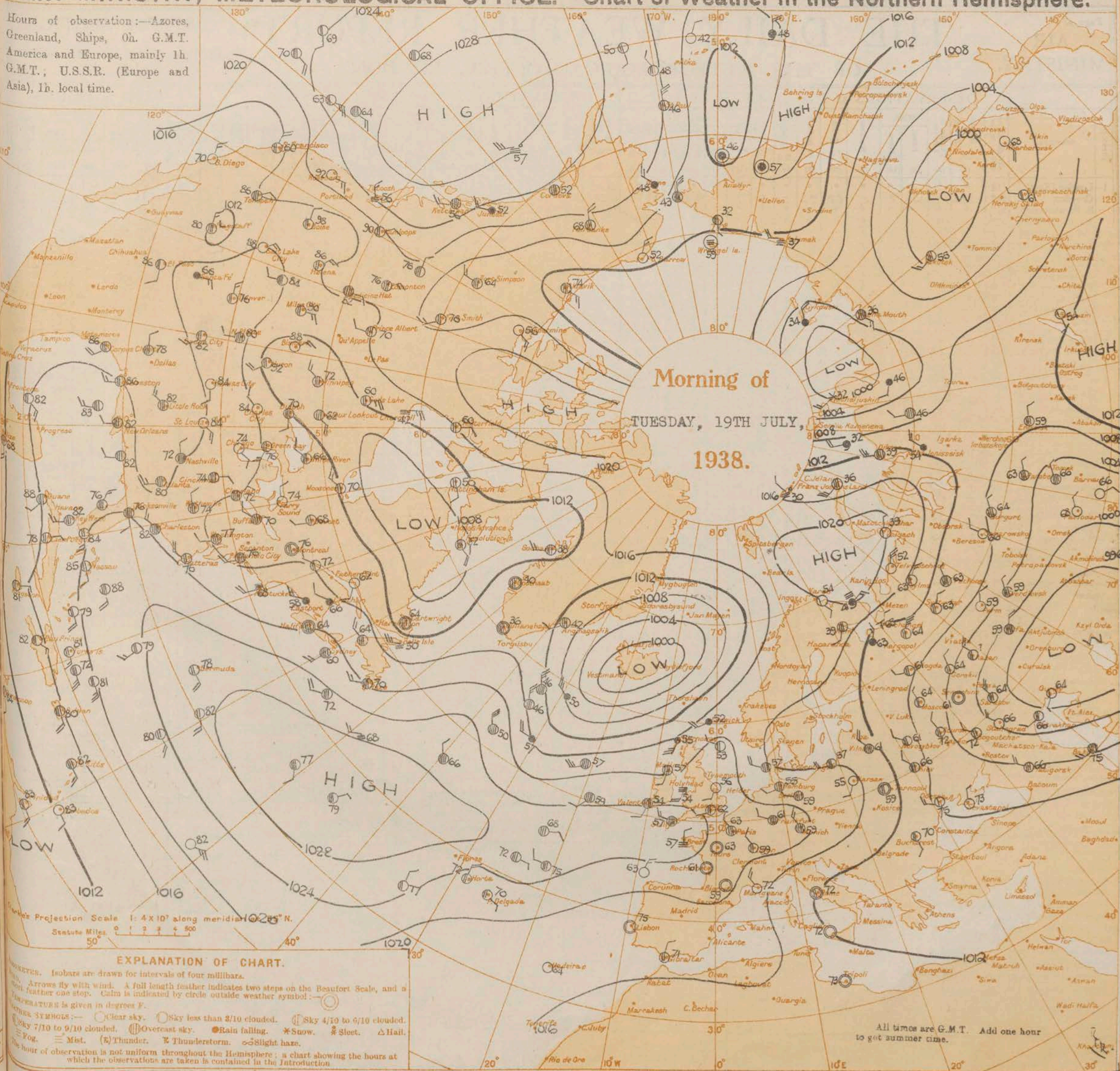
Bright periods; showers in North and West.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

Hours of observation:—Azores, Greenland, Ships, On 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.

Tuesday, 19th July 1938.  
No. 27998.

OBSERVATIONS at 1 hr. G.M.T. 19th July														OBSERVATIONS at 7 hr. G.M.T. 19th July														PAST 24 HOURS.														
DISTRICT	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					Barom. at M.S.L. in mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					State of Ground.	Sea. 0-9	TEMPERATURE.			RAINFALL.		Sun-shine 18th Hrs.								
										Form.			Amount.									Height of Base (feet).	Form.			Amount.			Height of Base (feet).	Low.	Med.	High.	Low.		Total 0-10.	State of Ground.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	
										Low.	Med.	High.	Low.	Total 0-10.									Low.	Med.	High.	Low.																Total 0-10.
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmnt.) ... Lympe ... Manston ...	18 217 228 417 8 348 142	* 1022.4 * * * 1022.6 1022.1	* -2 * * * -6 -4	* WS * * * NW 0	* 2 * * * 2 0	* c * * * Z <sub>0</sub> Z <sub>0</sub>	* 62 * * * 60 58	* 92 * * * 97 97	* 6 * * * 5 5	* 5 * * * 5 3	* 7 * * * - - 0	* 4.6 * * * 9+ 4.6	* 7.8 * * * 9+ 4.6	* 5700 * * * 4000 -	1021.9 1022.1 1022.5 1022.6 1022.4 1022.1 1021.1	+4 +10 +6 +2 +2 +2 -2	SW W NNW NW W SE -	1 1 2 2 2 1 0	m f+ o/f id <sub>0</sub> id <sub>0</sub> m/f c	59 57 57 55 58 61 63	92 97 92 97 97 97 85	4 2 5 5 6 5 5	5 - - - - 5 3	- - - - - - -	7.8 10 10 10 10 7.8 4.6	7.8 10 10 10 10 9 7.8	2500 1500 800 220 450 5700 4000	0 0 0 0 0 1 1	* * * * * \$0 *	68 63 71 65 70 65 65	56 57 55 55 56 58 56	45 51 52 53 53 56 49	0.1 0.1 Tr - - 0.5 0.1	- - Tr Tr - - Tr	0.9 0.5 1.3 2.9 1.8 0.0 0.2						
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	* * 1021.2 * *	* * -8 * *	* * SW * *	* 2 2 * *	* bc * * *	* 57 * * *	* 85 * * *	* 6 * * * *	* - * * * *	* 1 * * * *	* 0 * * * *	* 2.3 * * * *	* - * * * *	1021.5 1021.0 1020.8 1021.0 1020.9	0 -2 -2 +2 +2	WNW WNW NNW WN WNW	1 1 1 1 2	c Z <sub>0</sub> bc Z <sub>0</sub> Z <sub>0</sub>	63 61 63 58 56	75 85 85 85 85	6 6 5 6 5	5 1 - - 4	3 8 4 - 6	- - - - -	4.6 Tr 0 0 0	9+ 1 2.3 0 1	5700 5700 - - -	0 0 0 0 1	* * * * *	59 67 67 69 71	56 52 54 49 51	50 48 52 44 44	Tr Tr Tr Tr Tr	- - - - -	0.4 0.5 0.1 1.0 8.8					
3	Birmingham ... Upper Heyford ...	535 408	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1021.8 1022.1	0 -2	- -	0 0	Z <sub>0</sub> Z <sub>0</sub>	58 57	75 97	5 6	- 5	- -	- -	0 3	0 9	- 2500	1 0	* *	71 70	53 52	44 50	Tr Tr	- -	3.2 *						
4	Ross-on-Wye ...	223	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1021.3	-4	WS	2	m	56	97	4	5	-	-	3+ 3+	3+ 3+	450	0	* *	72	49	43	- -	- -	5.6						
5	Portland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	298 209 32 82 240 163 175	1023.5 * 1024.3 * 1024.8 1024.6 1025.1	-6 * -8 * -6 -8 -8	W * NNW * SW WNW W	3 * 2 * 1 3 2	0 * b * cF o/f o/f	57 * 57 * 56 57 58	97 * 85 * 97 97 97	5 * 8 * 1 5 6	5 * - * 5 5 5	- * - * - - -	- * - * - - -	10 * 0 * 10 10 10	10 * 9 * 9 10 10	450 * - * 220 220 2500	1022.3 1022.4 1022.2 1023.0 1023.3 1023.4 1024.0	+2 0 +4 +2 -10 0 +2	WNW W W W W WN NNW	3 2 2 1 2 2 2	0 c/d c/d d <sub>0</sub> c o/f c	56 57 58 57 56 56 58	97 92 92 97 97 97 92	5 5 5 5 5 5 8	- 2 - - - - 2	- - - - - - -	10 9 7.8 9 10 10 7.8	10 10 10 10 1500 220 2500	1 0 1 1 1 1 0	2 2 2 0 1 1 2	61 69 61 57 61 62 66	54 55 56 56 57 55 57	54 55 55 56 56 55 58	0.1 Tr Tr Tr Tr Tr Tr	0.5 Tr Tr Tr Tr Tr Tr	0.0 5.1 1.5 0.0 0.0 0.0 0.5						
6	Pembroke ...	142	1023.7	-2	WSW	2	if	55	97	3	-	-	-	10	10	<150	1022.3	0	SW	2	d <sub>0</sub>	55	97	6	-	2	-	10	10	2500	1	1	59	53	-	0.2	0.5	0.0				
7	Holyhead ...	26	1022.3	-2	SW	4	cf	54	97	3	5	-	-	9+	9+	<150	1021.0	+2	SW	4	c/f	54	97	6	5	8	-	9	9+	220	1	1	63	53	53	-	-	11.6				
8	Chester (Sealand) ... Manchester ...	16 70	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1021.8 1021.8	0 +2	E SSE	2 1	m m	51 54	97 92	4 4	- 5	- -	0 3+	1 3+	- 2500	1 1	* *	64 65	47 43	43 41	- -	- -	13.0 10.8							
10	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	1020.9 * 1020.4	-2 * -12	SW * W	2 * 2	b * bc	56 * 57	97 * 85	6 * 7	- * 2	- * 3	- * -2.3	0 * 4.6	0 * 1500	1020.5 1020.2 1019.4	-4 -2 0	NNW SES W	2 2 2	cf b bc	55 58 60	97 85 75	3 8 6	5 5 2	- - 3	- 1 -2.3	10 1 4.6	10 1 2500	<150 5700 2500	0 0 1	1 0 1	66 72 61	54 48 54	- 45 51	- - -	- - -	9.6 8.0 7.2					
11	St. Abbs Head ... Leuchars ...	290 36	1019.9 *	-2 *	WSW *	2 *	c *	55 *	85 *	8 *	4 *	6 *	- *	4.6 *	7.8 *	2500 *	1018.1 1017.3	-8 -6	SSW SW	1 2	c id <sub>0</sub>	58 57	85 92	8 7	5 5	6 -	9 9+	9 9+	2500 1500	0 1	1 1	61 67	53 53	- 44	0.1 Tr	- 2	- 9.4					
12	Renfrew (Abbots L.) ... Eskdalemuir ... Point of Ayre ...	19 794 30	* * 1021.8	* * -2	* * 0	* * bc	* * 53	* * 97	* * 8	* * -	* * 4	* * -	* * 0	* * 4.6	* * -	1018.3 1019.5 1020.1	-4 -4 -4	WSW SW WN	2 3 1	id <sub>0</sub> o b	57 54 60	97 97 92	6 5 3	6 5 -	- - -	10 10 9	10 10 Tr	1500 220 -	1 1 1	1 1 1	65 65 64	55 48 51	54 44 *	- Tr -	2 10.0 -	9.4 10.0 10.8						
13A	Three ...	22	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1015.6	-6	WSW	4	id <sub>0</sub>	56	97	6	-	2	-	10	10	800	1	3	59	54	54	Tr	15	1.0						
13B	Stornoway ...	80	1015.7	-16	SSW	5	d <sub>0</sub>	55	92	6	5	2	-	7.8	10	1500	1014.1	-4	SSW	5	rr	55	97	6	5	2	-	9	10	1500	1	3	60	54	-	0.1	1	0.6				
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1178 79 81 156	* * 1016.7 1017.8	* * -20 -14	* * SSE WSW	* * 3 4	* * c rr	* * 54 52	* * 97 97	* * 8 6	* * 5 5	* * 7 -	* * -7.8 -	* * 9+ 10	* * 1500 800	1015.6 1013.8 1015.0	-16 -12 -10	SSW SSE SSW	5 4 4	ir c/pr id <sub>0</sub>	55 54 53	97 97 92	6 7 8	5 5 5	2 7 2	- - -	4.6 7.8 7.8	10 10 10	2500 1500 800	1 1 1	1 2 *	61 58 57	51 52 50	43 * *	- 0.1 0.4	4 1 1	2.7 4.1 6.5					
17	Blackhead Point ... Malin Head ... Aldergrove ...	18 84 268	1020.3 1019.3 *	-10 -14 *	SW SSW *	4 1 *	c c/r *	57 57 *	92 92 *	8 6 *	5 3 *	- 2 *	- - *	10 4.6 *	10 1500 1500	1018.0 1018.9 1013.7	-12 -4 -2	SW W SW	5 2 3	c c rr	56 59 57	97 92 97	7 7 4	5 8 6	- 2 -	- 4.6 10	10 9 10	450 1500 1500	0 1 1	3 1 1	61 59 63	56 55 56	- * 53	Tr Tr Tr	- 2 2	- 8.6 6.4						
19	Birr Castle ...	173	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1021.4	-4	SW	1	c	53	97	8	5	-	-	10	10	2500	1	1	70	50	40	Tr	-	10.3						
20	Valentia Obay. † Roche's Point ...	30 22	1023.5 *	-6 *	SW *	2 *	0 *	54 *	97 *	6 *	5 *	- *	- *	10 *	800 *	1022.0 1021.8	-2 0	SSE NW	2 1	c of	55 53	85 97	8 3	5 5	- -	- -	10 10	10 1500	1500 1500	0 0	1 1	60 61	54 52	58 52	Tr Tr	- Tr	2.5 2.5					



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 20th July, 1938.

No. 27999.

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 19th July													OBSERVATIONS at 18h. G.M.T. 19th July													PAST 24 HOURS.																				
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground 0-9	Sea. 0-9	WEATHER.																						
				Dir.	Force 0-12					Form.	Amount.	Height of Base (feet)			Form.	Amount.					Height of Base (feet)	Form.	Amount.			Height of Base (feet)	7h.—13h. 19th.	13h.—18h. 19th.	18h.—7h. 20th.	1h.—7h. 20th.																		
																															Low	Med.	High	Low	Total	Low	Med.	High	Low	Total	Low	Med.	High	Low	Total	Low	Med.	High
(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)	1020.7	-6	SW	2	Z.	70	65	7	8	-	-	4-6	4-6	2500	1019.6	-4	SWW	3	C	68	65	7	5	-	-	3	3	2500	0	*	bcm.bcz.	bcc	cbcb	bcc													
	Croydon	1020.3	-10	WSW	2	bc	74	55	6	2	-	-	4-6	4-6	4000	1019.6	-6	SWW	3	C	67	75	7	4	-	-	7-8	7-8	4000	0	*	ofcm.bcz.	bcc	bcabcm	bcwoffm													
	S. Farnborough	1021.5	-2	W	3	Z.	64	75	6	5	-	-	10	10	1500	1019.7	-8	WSW	3	C	65	75	7	5	-	-	9+	9+	2500	0	*	cm.	cm.c	bcb.c	mid.c													
	Boscombe Down	1021.8	-2	W	2	C	62	85	7	5	-	-	10	10	1500	1019.9	-12	WN	3	bc	67	75	8	5	-	-	2-3	2-3	4000	0	*	om.c	c.b	b.co	om.c													
	Calshot (Stmntn.)	1022.0	-2	SW	3	C	63	85	7	5	-	-	10	10	2500	1020.7	-6	SW	3	bc	64	85	8	5	-	-	2-3	2-3	2500	0	2	cid.m.c	cbc	b.bcc	c													
	Lympne	1021.4	-4	SSW	3	C	65	85	7	7	-	-	7-8	7-8	2500	1020.0	-8	SW	3	Z.	66	85	6	-	-	-	0	0	-	0	3	cm.bcz.	cbcb	bm.off	offm													
	Manston	1020.3	-8	SSE	1	Z.	67	85	6	8	-	-	3	3	2500	1018.9	-8	SSW	3	Z.	69	75	6	-	-	-	0	0	-	0	*	bcc.	cm.bcz.	bcm.bcz.	b.c													
2	Shoeburyness	1020.4	-10	SSE	2	b	72	65	6	1	-	-	1	1	5700	1018.8	-12	WSW	3	bc	73	65	6	1	-	-	4-6	4-6	5700	0	*	bcm.bm.	bz.bcz.	bcm.bcz.	bwm													
	Felixstowe	1019.9	-8	SSE	3	c	69	65	8	7	3	-	7-8	7-8	4000	1018.5	-10	SE	4	bc	67	85	7	-	6	-	0	2-3	-	0	2	bm.bcz.	bcb.bcz.	bcc	bcwcm													
	Gorleston	1019.7	-4	SSE	4	bc	64	85	6	1	-	-	2-3	2-3	4000	1017.6	-8	NEN	3	b	66	85	6	1	-	-	1	1	2500	0	2	bcc.	bcb.	cbcb	bccm													
	Mildenhall	1019.5	-8	WN	2	b	75	45	7	1	4	-	Tr	Tr	4000	1017.8	-8	SWW	2	C	75	55	7	1	-	-	7-8	7-8	4000	0	*	bm.bz.	bz.	bz.bz.	bm.bz.													
	Cranwell	1019.2	-8	W	2	bc	72	55	7	1	-	-	2-3	2-3	2500	1017.4	-10	W	2	bc	71	65	7	7	3	-	2-3	4-6	4000	0	*	bm.bz.	bz.	bz.bz.	bm.bz.													
3	Birmingham	1019.4	-4	WSW	2	bc	69	55	8	1	-	-	4-6	4-6	2500	1018.5	-12	WSW	2	C	70	65	8	4	-	-	9+	9+	4000	1	*	bcc	bcc	cbcb	bcc													
	Upper Heyford	1020.9	-6	WSW	2	Z.	67	75	6	7	-	-	7-8	7-8	2500	1019.3	-8	SWW	2	bc	68	75	7	7	-	-	4-6	4-6	2500	0	*	cm.bcz.	bcc.	bcccm	cmcm													
4	Ross-on-Wye	1020.4	-8	WS	2	bc	70	65	6	1	-	-	2-3	2-3	4000	1018.8	-8	SSW	3	C	69	75	7	5	-	-	7-8	7-8	4000	0	*	om.bcz.	bcc	bcb	bmco													
5	Hartland Point	1021.3	-2	W	3	c	58	97	7	5	2	-	9+	10	450	1020.8	-4	WNW	3	C	57	92	8	5	-	-	9+	9+	800	0	2	oid.c	C	cid.c	cid.c													
	Bristol	1022.0	-2	WS	2	C	62	85	8	5	-	-	9+	9+	2500	1020.3	-4	WS	3	bc	64	85	8	5	-	-	4-6	4-6	1500	0	2	oid.c	cbc	bccm	om.c													
	Portland Bill	1022.3	-2	W	2	O	59	92	7	5	-	-	10	10	1500	1021.3	-16	W	2	bc	58	92	7	1	-	-	2-3	2-3	2500	1	2	oid.c	oc	bcc	C													
	Plymouth	1022.5	-2	SSW	2	C	59	92	7	5	2	-	9	10	1500	1021.4	-6	W	2	C	61	85	7	5	-	-	10	10	2500	1	1	oid.c	C	bcc	C													
	The Lizard	1023.2	0	WSW	2	C	51	85	8	4	4	-	4-6	7-8	2500	1022.1	-8	WS	2	C	60	85	8	8	2	-	4-6	7-8	2500	0	1	oid.c	C	bcc	C													
	Scilly (St. Mary's)	1023.1	-2	WSW	2	C	62	85	8	5	-	-	10	10	1500	1022.1	-6	W	3	id.	60	85	8	8	-	-	9+	9+	800	0	1	oid.c	oid.c	cid.c	cid.c													
	Guernsey	1023.4	-4	W	2	C	63	75	8	8	-	-	9+	9+	2500	1023.1	-6	WN	2	C	60	85	7	8	-	-	9+	9+	1500	0	1	oid.c	C	cid.c	cid.c													
6	Pembroke	1021.8	0	SWW	2	if	57	97	3	5	-	-	10	10	800	1021.3	-4	SWW	3	C	57	85	7	5	-	-	9+	9+	1500	1	2	oid.c	ifc	cid.c	cid.c													
7	Holyhead	1020.4	-6	SW	4	C	59	85	8	5	-	-	9+	9+	220	1018.7	-10	SW	5	m	56	97	4	5	-	-	10	10	1150	1	2	oid.c	cmc	fec	mid.c													
	Chester (Sealand)	1020.0	-6	WNW	3	Z.	66	75	6	8	-	-	7-8	7-8	4000	1018.8	-6	WNW	3	C	64	75	8	5	-	-	9	9	5700	0	*	oid.c	cmc	fec	mid.c													
8	Manchester	1019.8	-10	NW	2	Z.	69	65	6	8	-	-	7-8	7-8	4000	1018.7	-2	WNW	3	bc	66	75	8	-	3	-	0	2-3	-	1	*	oid.c	cmc	fec	mid.c													
10	Spurn Head	1019.5	-6	SE	2	bc	63	85	5	-	3	-	0	2-3	-	1017.5	-10	SSE	2	bc	63	85	6	5	-	-	4-6	4-6	1500	0	1	oid.c	cmc	fec	mid.c													
	Catterick	1018.1	-10	WS	2	bc	72	55	8	1	3	-	2-3	4-6	4000	1016.9	-6	WSW	3	bc	68	75	8	4	4	-	2-3	4-6	4000	0	*	oid.c	cmc	fec	mid.c													
	Tynemouth	1017.8	-4	W	3	C	70	65	6	2	3	-	4-6	7-8	2500	1016.9	-6	W	3	C	66	75	6	5	-	-	9+	9+	2500	0	1	oid.c	cmc	fec	mid.c													
11	St. Abbs Head	1016.1	0	WNW	4	C	68	75	8	3	2	-	7-8	10	1500	1015.5	+4	WSW	3	C	67	65	8	3	6	-	4-6	9+	1500	0	2	oid.c	cmc	fec	mid.c													
	Leuchars	1015.6	-6	SW	4	C	67	75	7	5	3	-	4-6	9	4000	1015.2	+2	WNW	4	C	67	75	8	8	7	3	2-3	7-8	2500	0	*	oid.c	cmc	fec	mid.c													
12	Renfrew (Abbots I.)	1017.3	-4	SW	3	C	64	85	8	8	7	-	7-8	9	1500	1016.1	-6	SWW	3	Z.	65	85	6	5	7	9	4-6	7-8	2500	0	*	oid.c	cmc	fec	mid.c													
	Eskdalemuir	1018.5	-2	SW	4	C	57	92	6	5	-	-	10	10	450	1017.3	-2	S	2	e/d	58	92	6	5	-	-	10	10	220	1	*	oid.c	cmc	fec	mid.c													
	Point of Ayre	1019.5	-6	WNW	3	C	62	85	8	5	1	-	9	10	4000	1018.2	-6	SW	1	C	63	85	8	-	7	-	0	9	-	0	1	oid.c	cmc	fec	mid.c													
13a	Tiree	1015.6	0	SWW	4	RR	56	97	5	-	2	-	10	10	450	1014.8	-4	WSW	4	RR	56	97	6	-	2	-	10	10	800	1	4	oid.c	cmc	fec	mid.c													
13b	Stornoway	1013.5	-4	SSW	4	C	60	92	7	5	7	6	7-8	10	1500	1013.4	-2	S	3	C	57	92	7	8	7	-	9+	10	1500	1	2	oid.c	cmc	fec	mid.c													
15	Dalwhinnie	*	0	SW	4	C	58	85	7	6	7	-	7-8	10	2500	1015.1	-4	W	4	C	57	85	8	4</																								

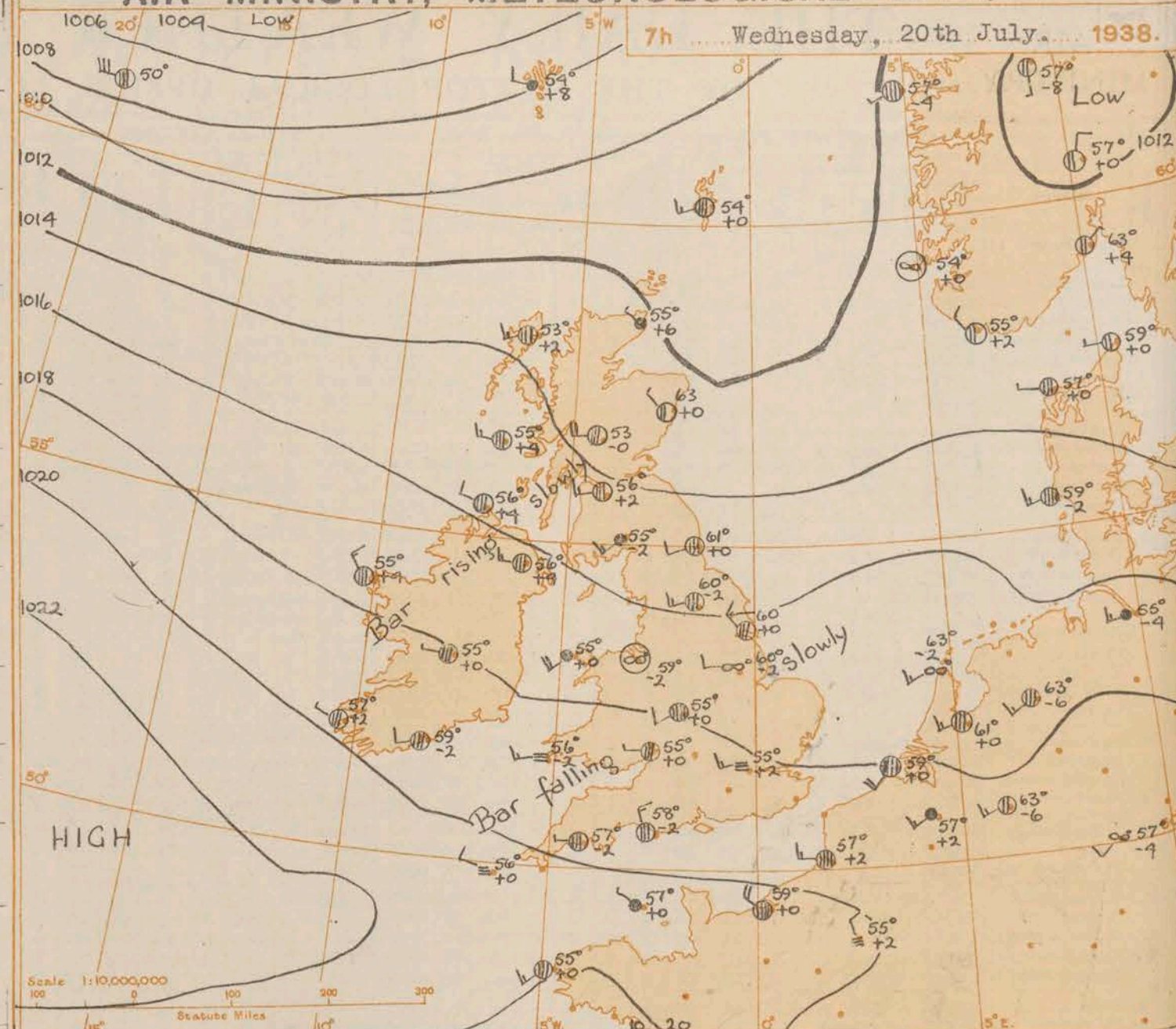


# REPORTS from HEALTH RESORTS for 19th July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunset to 18h.
				8h. 18h.	9h. 17h.	17h. 18h.	9h. 17h.	17h. 18h.	18h.
1	Tunbridge W.	bc	b	55	75	-	-	10.6	0.6
	Bournemouth	g	ocbc	55	65	-	-	0.3	0.8
	Ventnor	ofo	o	56	61	-	-	0.0	2.8
	Southsea	o	o	57	65	-	-	0.0	1.9
	Bognor Regis	oc	cbcc	55	64	-	-	0.5	1.1
	Littlehampton	oc	c	54	65	-	-	1.6	1.7
	Worthing	cbcb	bcb	56	67	-	-	8.7	2.2
	Brighton	b	b	58	67	-	-	11.7	1.1
	Eastbourne†	b	b	59	63	-	-	11.5	1.8
	Hastings†	bcb	o	59	70	-	-	11.5	0.7
	Folkestone	fcbc	bcb	58	68	Trace	-	5.7	0.0
2	Dover	fcbc	bcb	58	66	-	-	3.2	0.0
	Deal	bc	bc	57	73	-	-	3.2	0.3
	Ramsgate	bcc	bc	59	66	-	-	5.5	0.5
	Margate	bc	bc	60	72	-	-	5.5	0.2
	Southend	cbcb	b	59	77	-	-	10.1	0.3
	Clacton-on-Sea	bcz	bcbz	57	71	-	-	10.6	0.8
	Dovercourt	bcz	bcz	57	73	-	-	8.3	0.4
	Lowestoft	b	b	54	72	-	-	10.7	0.3
	Skegness	bzbcb	bc	51	75	-	-	11.3	7.4
	Mablethorpe	b	b	49	67	-	-	11.3	5.9
	Cleethorpes	b	bcb	50	70	-	-	10.4	7.8
3	Leamington S.	bc	bc	52	74	-	-	11.1	1.8
	Cheltenham†	wcc	bcc	54	72	-	-	4.4	4.3
	Bath	c	cb	57	67	Trace	-	1.6	2.2
	Weymouth	c	c	57	63	-	-	0.7	0.4
	Jersey	cbc	bc	59	67	-	-	6.6	2.3
	Torquay	oc	cbcb	56	69	-	-	1.2	0.5
	Falmouth	c	c	56	62	-	-	0.0	1.7
	Penzance	d.c	cbcc	56	64	0.5	-	2.8	2.6
	St. Ives	o	c	53	67	-	-	0.1	5.3
	Bude	omco	com	56	61	1	-	0.5	0.0
	Ilfracombe	docom	ocom	56	60	1	-	0.5	1.0
6	Aberystwyth	c	bcc	56	62	-	-	0.9	2.5
	Llandudno	cbc	bcb	52	68	-	-	7.1	10.4
	Colwyn Bay	bcbcb	bcb	50	69	-	-	8.0	9.3
	Rhyl	bcb	b	49	68	-	-	10.8	10.3
	Wallasey	bzbcb	bcb	52	65	-	-	9.4	9.8
	Southport	ocbcb	bcb	50	67	-	-	6.0	11.9
	Blackpool	om.c	bcb	50	65	-	-	5.4	11.3
	Morecambe	cmc	bcb	52	63	-	-	2.0	12.0
	Ilkley	cb	b	50	72	-	-	8.9	8.6
	Harrogate	b	b	51	69	-	-	11.9	13.0
	Berwick-on-T.	colr.	c	53	67	Trace	0.5	3.0	9.3
11	Dunbar	cpr.	cpr.m	52	70	2	Trace	2.2	5.4
	Troon	coc	coc	54	61	0.3	-	0.1	6.5
	Douglas	cpr.	cb	53	60	-	Trace	0.0	12.4
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								

† Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h.-9h.

## AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th July, 1938.
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. Scotl'd. B.N.W. Scotl'd.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

Light to moderate westerly winds; cloudy and close today with local drizzle, bright intervals tomorrow; becoming rather warm inland tomorrow.

Light to moderate west to northwest winds; cloudy and bright periods; occasional rain today, showers tomorrow; average temperature.

As 1 - 10.

H.M. Stationery Office Press, Kingston N.C.2

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 trough of low pressure extending from Southern Norway to the Bristol Channel is moving very slowly eastwards. Weather today will be mainly cloudy with drizzle locally while tomorrow bright intervals are probable in most areas.

### FURTHER OUTLOOK.

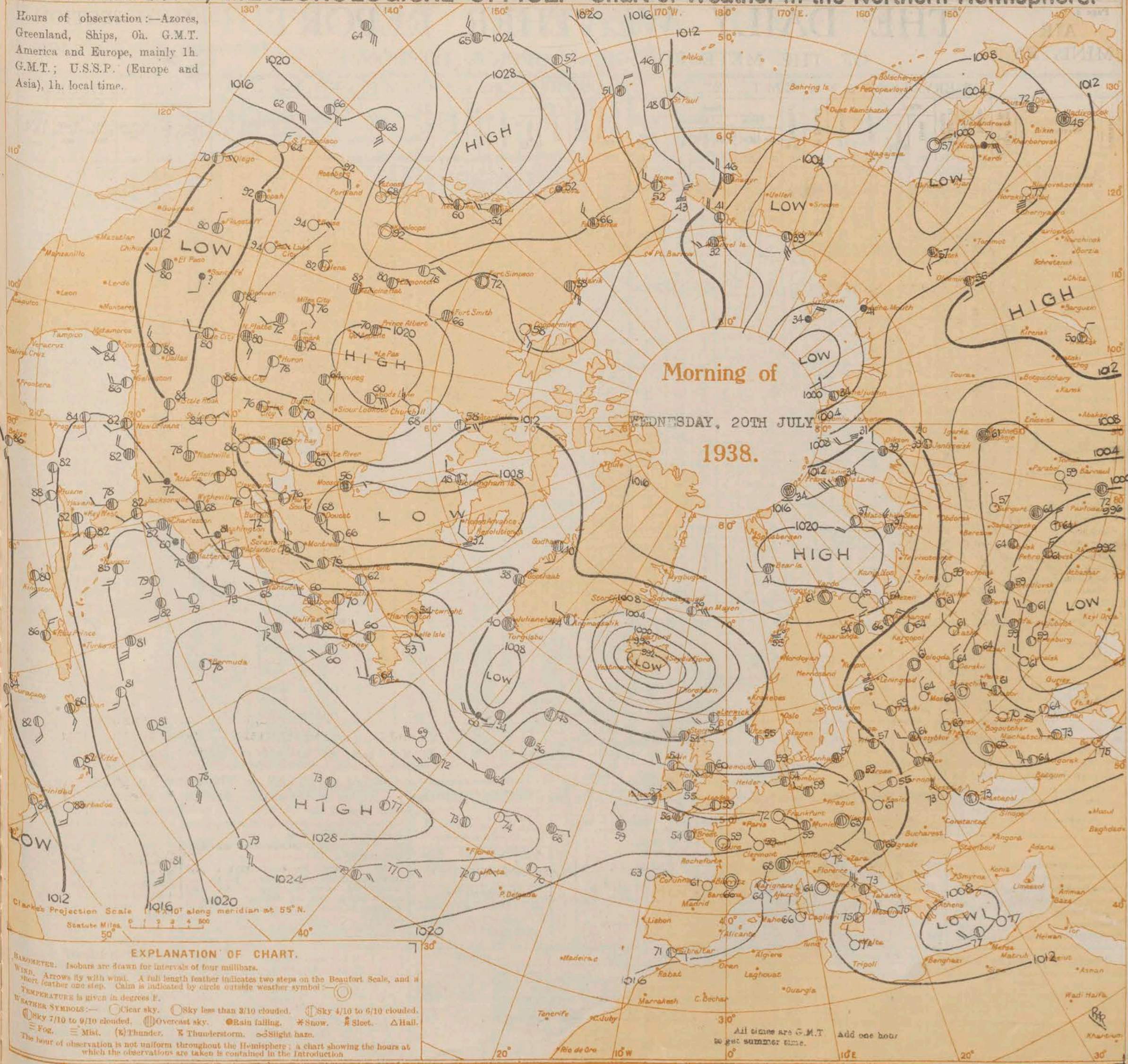
Bright periods; less close than of late.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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



Morning of

WEDNESDAY, 20TH JULY

1938.

Clark's Projection Scale 1" = 101' along meridian at 55° N.  
 Statute Miles 0 100 200 300 400 500

## EXPLANATION OF CHART.

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

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



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 20th July, 1938.  
No. 27999.

OBSERVATIONS at 1 hr. G.M.T. 19 <sup>th</sup> July														OBSERVATIONS at 7 hr. G.M.T. 20 <sup>th</sup> July														PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		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District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 20th July													OBSERVATIONS at 18h. G.M.T. 20th July													PAST 24 HOURS.											
		Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	WEATHER.											
				Direc.	Force 0-12					Form.	Amount.	Form.				Amount.	Height of Base (feet)					Form.	Amount.	Height of Base (feet)				State of Ground. 0-9	Sea. 0-9	7h.—18h. 20th.	18h.—18h. 20th.	18h.—20h. 21st.	1h.—7h. 21st.						
																																		Low	Med.	High	Low	Med.	High
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
	(For heights see p. 4.)																																						
1	London (Kew)	1018.1	-8	WSW	2	b	67	65	7	-	-	-	1	1	2500	1016.4	-4	W	2	bc	75	55	8	1	7	-	1	2-3	2500	0	*	om.bcb	b	bcb	bcb	cmo			
	Croydon	1018.3	-4	W	2	c	67	65	7	-	-	-	4-6	7-8	4000	1016.8	-6	SW	2	bc	73	65	8	1	5	-	1	2-3	4000	0	*	om.id.c	bcb	bcb	bcb	cmo			
	S. Earnborough	1018.0	-6	W	2	c	66	65	7	-	-	-	7-8	7-8	2500	1016.5	-6	SWW	3	bc	73	55	8	1	-	-	2-3	2-3	4000	0	*	oid.b	bcb	bcb	bcb	cmo			
	Boscombe Down	1018.2	-8	W	2	b	69	65	8	-	-	-	1	1	2500	1017.6	+2	WN	3	bc	69	65	8	1	-	5	Tr	4-6	4000	0	*	oid.c	b	bcb	bcb	cmo			
	Calshot (Stamtn.)	1019.1	-2	SSW	4	c	63	75	8	5	-	-	9+	9+	2500	1018.2	-6	SW	4	b	63	75	8	5	-	5	Tr	Tr	4000	0	2	c	bcb	bcb	bcb	cmo			
	Lymington	1018.6	-6	SSW	2	c	65	75	6	5	-	-	10	10	1500	1018.1	-2	SWS	4	b	62	75	6	-	-	-	0	0	-	0	3	om.m.	bcb	bcb	bcb	cmo			
	Manston	1018.0	-2	WSW	2	c	67	75	6	5	-	-	9	9	1500	1017.0	-8	SWS	3	b	67	75	7	-	-	-	0	0	-	1	*	cmcm.	cmob	bcb	bcb	cmo			
2	Shoeburyness	1018.0	-4	SSW	3	z.	69	65	6	1	-	-	Tr	Tr	2500	1016.7	-6	S	2	b	67	75	6	-	-	-	0	0	-	0	*	omcbz.	bz.	bz.	bz.	cmo			
	Felixstowe	1017.2	-6	W	2	z.	71	65	6	1	-	-	Tr	Tr	4000	1016.6	-4	SE	3	b	65	85	8	1	6	3	Tr	1	5700	0	2	cm.bz.	bz.	bz.	bz.	cmo			
	Gorleston	1016.6	+2	NE	2	c	70	55	6	5	-	-	10	10	2500	1016.4	-4	S	2	c	64	85	5	5	3	-	4-6	7-8	2500	0	2	cmz.	cz.	cz.	cz.	cmo			
	Mildenhall	1017.0	-2	WSW	2	z.	69	75	6	1	-	-	4-6	4-6	1500	1015.9	-4	SWS	1	c	73	65	7	7	-	9	4-6	7-8	2500	0	*	cmcbz.	bz.	bz.	bz.	cmo			
	Cranwell	1016.2	-8	W	2	c	74	65	7	7	5	6	2-3	7-8	2500	1017.0	+2	NW	2	id.	64	85	6	5	1	-	9	10	4000	0	*	bm.b	cz.	cz.	cz.	cmo			
3	Birmingham	1016.8	-4	WNW	2	bc	71	55	8	1	-	-	4-6	4-6	2500	1017.2	+4	NNW	2	c	66	75	6	8	7	-	9	10	2500	1	*	obc	bcc	bcc	bcc	bcc			
	Upper Heyford	1017.4	-12	SSW	1	z.	71	65	6	1	-	-	1	1	1500	1016.8	0	NW	2	c	69	75	8	8	-	-	9+	9+	2500	0	*	cm.d.b	bz.bcc	cc	cc	cmcm.			
4	Ross-on-Wye	1017.0	-10	WN	2	bc	72	65	8	7	-	-	4-6	4-6	4000	1017.5	+4	NW	3	c	67	75	8	5	1	2	7-8	9	4000	0	*	ebbc	bcc	cc	cc	cc			
5	Hartland Point	1019.2	-2	W	3	c	59	92	8	5	2	-	7-8	10	1500	1019.1	0	W	3	c	60	92	7	5	2	-	7-8	9+	1500	1	2	cid.c	c	c	c	c			
	Bristol	1018.2	-6	WSW	4	bc	66	75	8	5	4	-	4-6	4-6	2500	1018.3	+2	WS	4	z.	63	85	7	5	7	-	4-6	9+	1500	0	*	ocbc	bcb	bcb	bcb	bcb			
	Portland Bill	1019.2	-2	WSW	2	bc	57	85	8	5	-	-	2-3	2-3	2500	1019.0	-6	WSW	2	bc	59	85	8	5	-	1	2-3	4-6	2500	1	2	ocbc	bcb	bcb	bcb	bcb			
	Plymouth	1019.4	-6	SW	3	c	63	85	8	7	-	-	4-6	7-8	2500	1019.2	-2	NW	3	c	65	75	8	5	-	-	9	9	1500	0	1	cid.cbc	bcb	bcb	bcb	bcb			
	The Lizard	1020.3	0	WS	2	c	62	85	8	4	2	-	7-8	9	1500	1020.0	-2	WNW	2	c	58	92	7	5	2	-	7-8	10	1500	1	1	bcc	c	c	c	bcc			
	Scilly (St. Mary's)	1020.8	-2	WN	2	cjf	61	85	9	8	7	-	4-6	9+	800	1020.4	-2	WNW	2	cjf	60	97	6	5	-	-	10	10	450	0	1	oife	c	c	c	bcc			
	Guernsey	1020.8	0	W	2	c	61	85	8	8	-	-	10	10	2500	1020.5	-2	WNW	2	o	58	85	9	5	-	-	10	10	2500	0	1	oid.c	co	c	c	bcb			
6	Pembroke	1019.5	+2	WS	3	z.	59	92	6	5	-	-	10	10	1500	1019.5	0	W	2	c	59	92	7	8	-	-	9+	9+	1500	1	2	ifem.o	omc	c	c	c			
7	Holyhead	1017.9	0	WNW	2	c	61	75	8	7	7	-	4-6	9+	2500	1018.3	+2	WSW	1	c	60	75	9	8	-	-	9+	9+	4000	1	0	d.d.m.c	c	c	c	c			
	Chester (Sealand)	1017.8	+2	NNW	3	id.	60	85	7	5	-	-	10	10	1500	1018.4	+4	WNW	3	c	60	75	8	5	-	-	9+	9+	2500	0	*	cm.m.c	ed.d.m.c	cm.c	c	c			
8	Manchester	1017.5	+2	WNW	3	c	61	85	7	5	7	-	7-8	10	2500	1017.9	+2	W	2	c	61	85	7	7	2	-	4-6	10	1500	1	*	cm.m.c	crc	ccm.	c	c			
10	Spurn Head	1016.2	0	NNW	2	c	67	75	6	5	-	-	10	10	2500	1016.8	+2	WNW	2	c	64	75	6	5	2	-	7-8	10	2500	0	1	cz.	cpr.c	c	c	c			
	Catterick	1015.7	-4	WSW	4	c	70	65	8	5	4	-	7-8	7-8	2500	1016.3	+6	-	0	c	64	75	8	5	3	7	2-3	7-8	4000	0	*	cr.cbc	bcc	ccm.	c	c			
	Tynemouth	1015.7	+6	W	2	c	65	65	7	8	-	-	9+	9+	1500	1016.3	+4	W	2	c	64	65	7	8	-	-	7-8	7-8	2500	0	1	c	c	c	c	c			
11	St. Abbs Head	1015.2	+8	W	3	c	60	65	7	3	2	-	4-6	9+	1500	1015.7	+2	N	2	c	58	75	8	3	2	-	7-8	10	1500	0	2	c	c	c	c	c			
	Leuchars	1014.1	+2	WSW	3	bc	64	65	9	7	7	4	2-3	4-6	2500	1016.0	+6	E	2	spr	57	85	8	5	2	-	7-8	9+	2500	0	*	cbc	cpr.c	d.d.m.c	d.d.m.c				
	Rentrow (Abbots L.)	1015.6	+2	WNW	3	c	61	65	9	8	7	-	7-8	9+	2500	1016.3	+4	NW	3	c	63	65	9	8	7	-	7-8	9	4000	0	*	id.c	cid.d.m.c	bcb	bcb	bcb			
	Eskdalemuir	1015.9	+4	WNW	3	c	57	75	8	5	-	-	10	10	1500	1016.3	+4	WNW	2	c	57	75	8	5	3	-	10	10	1500	0	*	odd.m.c	c	c	c	bcb			
	Point of Ayre	1017.4	+2	WNW	3	c	63	75	8	5	7	-	7-8	9+	4000	1018.0	+2	WNW	3	c	58	85	8	2	7	-	Tr	9+	1500	0	2	id.c	c	c	c	c			
13A	Tiree	1016.4	+6	NW	3	bc	58	75	8	8	6	-	2-3	4-6	2500	1017.9	+6	NNW	2	bc	56	75	8	2	3	-	2-3	2-3	2500	0	2	cirbc	bc	bcc	c	c			
13B	Stornoway	1015.6	+2	NNW	4	c	61	65	9	5	-	-	9	9	2500	1017.2	+10	NNW	4	c	57	75	9	5	7	-	7-8	9+	1500	1	2	cpr	bc						

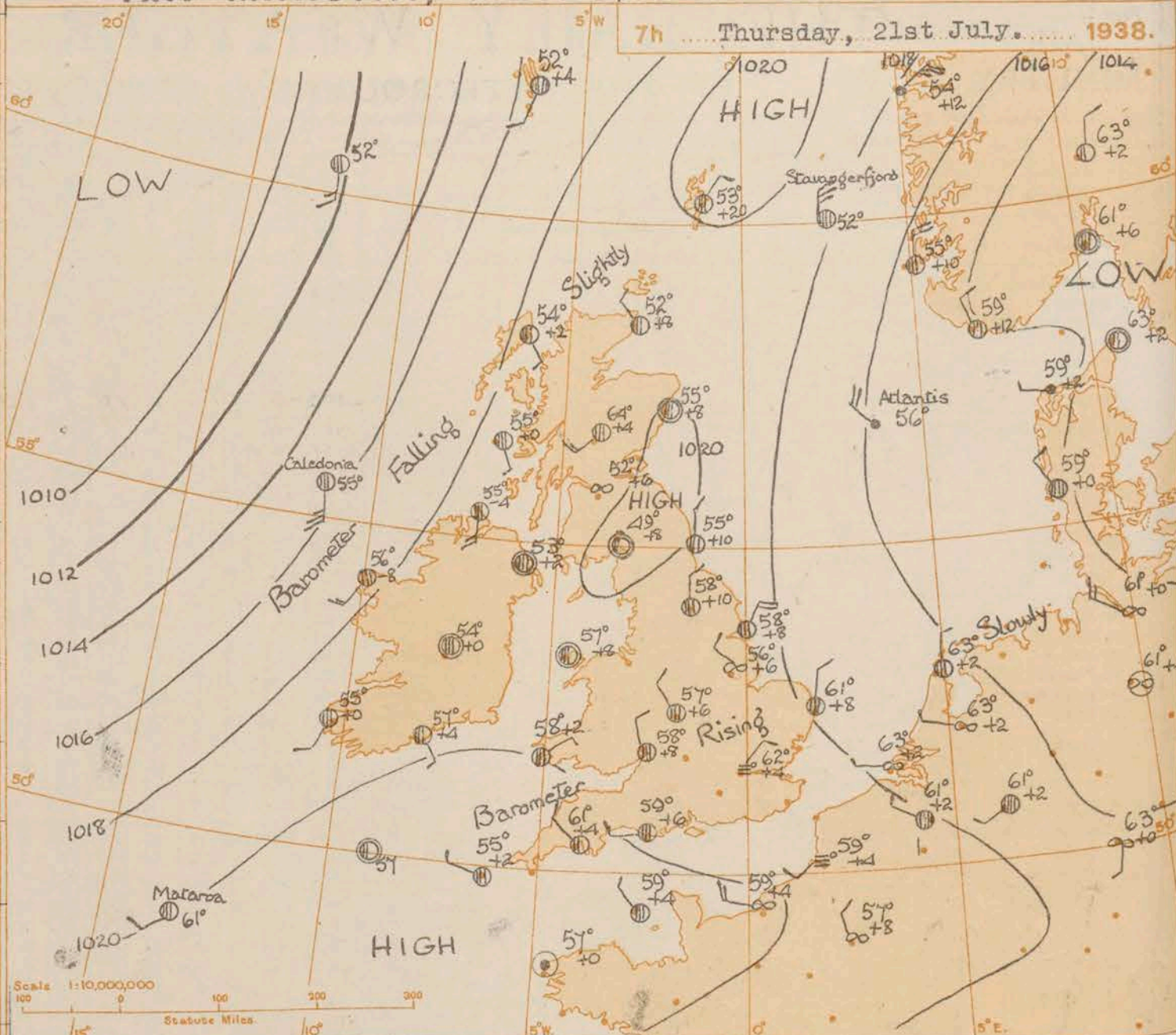


REPORTS from HEALTH RESORTS for 20 <sup>th</sup> July 1938.									
DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to Sunset.	Sunrise to Sunset.
				9h. to 12h.	12h. to 3h.	12h. to 3h.	3h. to 6h.	12h. to 12h.	12h. to 12h.
1	Tunbridge W.	ocbc	b	55	74	Trace	-	6.6	12.6
	Bournemouth	oc	b	56	71	-	-	4.5	2.7
	Ventnor	o	ocb	56	61	-	-	2.5	0.0
	Southsea	oc	cbcb	57	69	-	-	3.0	1.6
	Bognor Regis	o	cbcb	57	64	-	-	4.1	0.5
	Littlehampton	cb	cb	57	64	-	-	4.8	1.8
	Worthing	c	cb	58	66	-	-	5.2	8.8
	Brighton	c	b	58	65	-	-	5.0	12.5
	Eastbourne†	oc	cbcb	58	66	-	-	4.3	12.1
	Hastings†	ocbc	cb	58	66	-	-	5.3	13.3
	Folkestone	oco	ocbc	57	66	-	-	3.0	7.5
	Dover	c	cb	57	65	-	-	3.8	5.1
	Deal	oc	b	56	69	-	-	5.4	5.2
	Ramsgate	oc	bc	57	69	-	-	4.7	6.4
	Margate	cbe	bc	56	73	-	-	5.3	11.4
2	Southend	om	ebbz	57	77	Trace	-	6.0	11.2
	Clacton-on-Sea	ombcz	bcbz	56	71	-	-	6.2	11.8
	Dovercourt	bcz	bcz	55	75	-	-	8.4	9.1
	Lowestoft	c	cb	56	74	-	-	0.4	12.3
	Skegness	bz, bc	bc	55	74	-	-	6.3	12.9
	Mablethorpe...	b	coro	56	73	-	-	5.4	11.5
	Cleethorpes	bcc	er	56	72	-	Trace	4.2	10.9
3	Leamington S.	ocbc	bcc	55	75	-	-	5.1	11.1
	Cheltenham†	ocbc	bcc	53	74	-	-	5.8	4.6
4	Bath	bc	b	56	70	-	-	8.4	2.3
	Weymouth	c	b	56	65	-	-	4.6	3.2
	Jersey	cde	bc	57	65	Trace	-	3.1	8.1
	Torquay	oc	bcbb	57	69	-	-	5.2	3.6
	Falmouth	bc	c	55	68	-	-	1.3	0.0
	Penzance	mc	c	56	65	0.5	-	0.6	2.9
	St. Ives	o	o	52	67	0.5	-	0.0	0.1
	Bude...	mdac	mdo	52	62	0.3	Trace	1.0	0.5
	Ilfracombe	ocbc	bcc	55	63	0.2	-	2.0	0.5
6	Aberystwyth	mc	c	53	60	0.3	-	0.0	0.9
7	Llandudno	cde	c	56	62	-	Trace	0.5	8.2
	Colwyn Bay	odo	odbc	56	63	-	Trace	0.2	10.4
	Rhyl	co	odoc	55	67	-	Trace	0.3	13.3
8	Wallasey	cd	dc	57	62	-	Trace	0.0	4.6
	Southport	o/d	do	55	62	0.2	Trace	0.1	6.2
	Blackpool	od	o	55	61	0.5	Trace	0.0	5.3
	Morecambe	cide	cb	57	63	1	Trace	0.2	2.0
9	Ilkley	c	c	54	65	-	-	0.6	11.5
	Harrogate	c	c	56	65	-	-	1.6	14.5
10	Berwick-on-T.	c	c	57	64	-	-	1.6	3.0
11	Donbar	cm	bc	57	65	-	-	2.2	4.0
12	Troon	coc	coc	56	61	2	-	0.3	0.2
	Douglas	c	c	54	61	0.3	-	0.5	0.4

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

# AIR MINISTRY, METEOROLOGICAL OFFICE

7h Thursday, 21st July. 1938.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st July, 1938.
1 S.E. England	
2 E. England	Light variable winds; bright intervals; local morning fog; average temperature to rather warm.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Light variable winds, freshening from south; fair to-day, occasional rain locally tomorrow; average temperature.
9 N. Midlands	
10 N.E. England	As 1 - 7.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	As 8.
13 { A.W. Scotld. B.N.W. Scot- land.	Light south to southwest winds, becoming fresh to strong on coasts; fair to-day, rain at times tomorrow; average temperature.
14 Mid Scotland	
15 N. E. Scotland	As 8.
16 Orkney and Shetland	
17 N. W. Ireland	Moderate south to southwest winds, becoming fresh to strong at times; fair at first, occasional rain later; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	As 8.
20 S. W. Ireland	

H.M. Stationery Office Press, Kingsway N.C.2

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 northwards across the British Isles and a depression on the Atlantic, 600 miles to the west of Scotland, is moving eastwards. Weather will be mainly fair generally today but during the night rain will probably spread to western districts of Scotland and Ireland.

## FURTHER OUTLOOK.

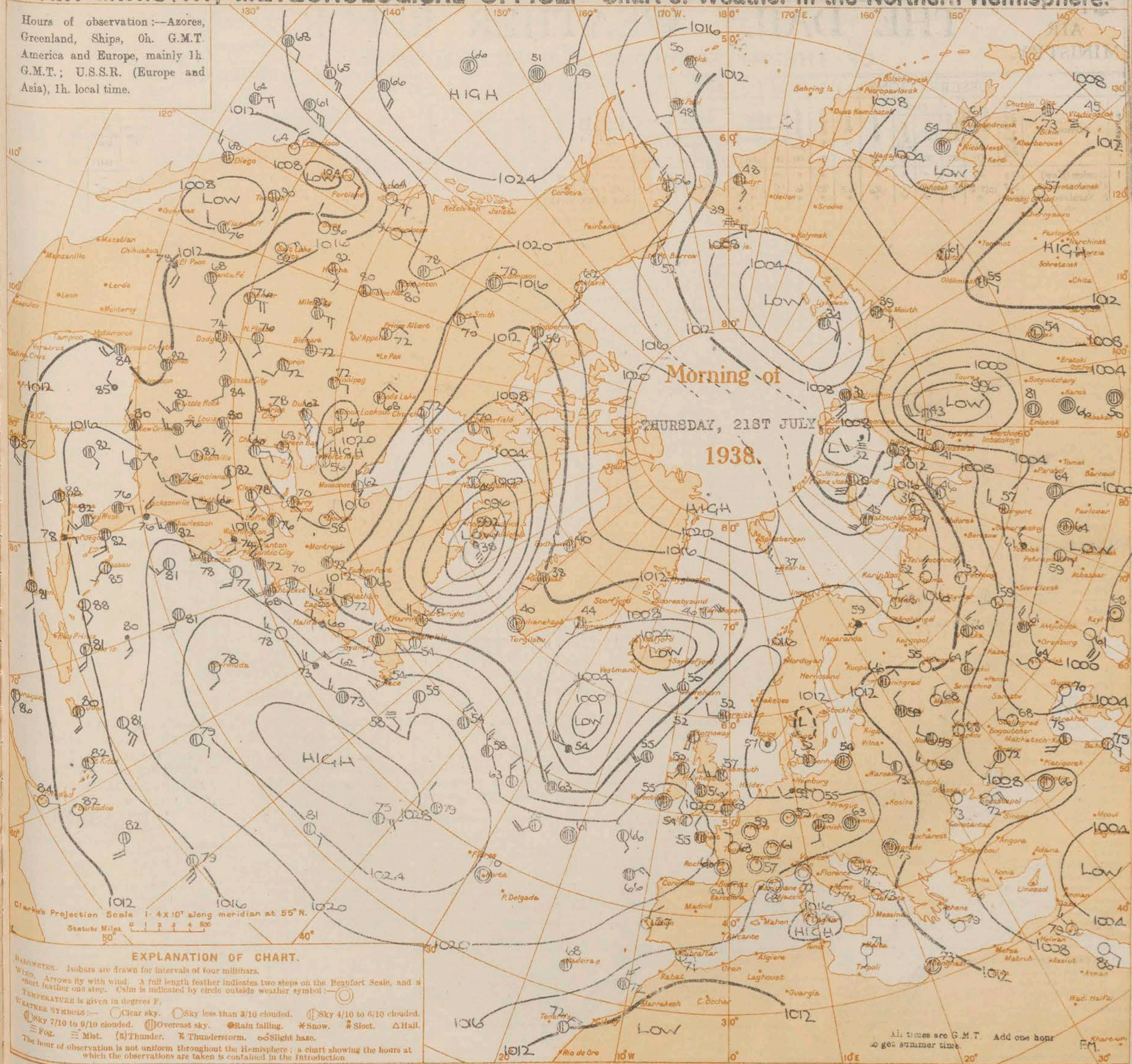
Fair in the Southeast; occasional rain in the Northwest.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 21st July, 1938.  
No. 28000.OBSERVATIONS at 1 hr. G.M.T. 21<sup>st</sup> JulyOBSERVATIONS at 7 hr. G.M.T. 21<sup>st</sup> July

PAST 24 HOURS.

STATION.	Height above M.S.L. in feet.	Barom. at M.S.L. in in.	Change in 3 hours.	Wind. Dir. & Force.	Weather.	Temp. °F.	°C.	Humid. %.	Visib. in miles.	Cloud.									Barom. at M.S.L. in in.	Change in 3 hours.	Wind. Dir. & Force.	Weather.	Temp. °F.	°C.	Humid. %.	Visib. in miles.	Cloud.									Barom. at M.S.L. in in.	Change in 3 hours.	Wind. Dir. & Force.	Weather.	Temp. °F.	°C.	Humid. %.	Visib. in miles.	TEMPERATURE.			RAINFALL.		Sun-shine in Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
										Form.			Amount.		Height of Base (feet).	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
										Low.	Med.	High.	Low.	Total.		Low.	Med.	High.									Low.	Total.		Low.	Med.	High.	Low.	Total.																Low.	Med.	High.	Low.	Total.	Low.	Med.	High.	Low.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
																																																												0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	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

Friday 22nd July, 1938.  
No. 28001.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 21 <sup>st</sup> July													OBSERVATIONS at 18h. G.M.T. 21 <sup>st</sup> July													PAST 24 HOURS.											
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc. Force	Weather.	Temp.	Humid.	Visibility	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc. Force	Weather.	Temp.	Humid.	Visibility	Cloud.						State of Ground.	Sea.	WEATHER.									
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			State of Ground.	Sea.	7h.—13h. 21 <sup>st</sup> .....	13h.—18h. 21 <sup>st</sup> .....	18h.—21 <sup>st</sup> 21 <sup>st</sup> .....	21 <sup>st</sup> —7h. 22 <sup>nd</sup> .....				
									Low	Med.	High	Low 0-10	Total 0-10									Low	Med.	High	Low 0-10	Total 0-10													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1	London (Kew)	1018.6	-4	NW	1	Z.	73	55	6	5	-	3	3	2500	1017.5	-4	NW	2	Z.	73	45	6	5	-	3+	3+	2500	0	*	cm.	cbccz.	cm.	cm.						
	Croydon	1018.4	-4	N	2	Z.	71	65	6	7	-	3+	3+	4000	1017.7	0	NE'E	2	C	71	65	6	2	-	3+	3+	4000	0	*	bm.cz.	cz.	czowm.	cm.						
	S. Farnborough	1018.4	-2	N	2	Z.	71	65	6	5	-	3+	3+	5700	1017.3	-6	NNW	2	Z.	73	55	6	7	-	3	3	4000	0	*	cz.	cz.cy	cbcc	cm.						
	Boscombe Down	1018.8	-4	NW	1	C	69	55	8	7	-	3+	3+	4000	1017.9	-4	NNW	2	bc	69	55	7	5	-	4.6	4.6	4000	0	*	cm.cy	cybcy	bcybc.	cm.						
	Calshot (Stmntn.)	1018.6	-2	SW	2	Z.	70	75	6	2	-	4.6	4.6	2500	1018.0	-2	SW'S	3	Z.	69	75	6	-	3	8	0	4.6	-	0	1	bm.bcz.	bz.	bcz.	cm.					
	Lympne	1018.0	+2	SE	2	Z.	65	85	6	5	-	3	3	2500	1018.5	0	ESE	1	Z.	64	85	6	5	-	4.6	4.6	4000	0	0	cmcm.	bcm.	bcm.mo	cm.						
	Manston	1018.7	+4	NNE	2	bc	69	75	6	5	-	4.6	4.6	1500	1018.4	-4	ENE	2	C	64	85	6	5	-	3	3	2500	0	*	bcz.	bcz.	FfRm	cm.						
2	Shoeburyness	1018.4	-6	S'E	2	bc	72	65	6	8	-	4.6	4.6	4000	1018.5	+4	E'NE	3	0	61	97	5	5	-	10	10	450	0	*	cm.bcz.	bcz.m.	cm.	cm.						
	Felixstowe	1018.6	+4	ENE	2	C	66	75	7	8	3	3+	3+	2500	1018.8	+2	NE'E	4	Z.	62	85	6	5	-	3+	3+	800	0	2	cm.bcz.c	cbccm.	cm.	cm.						
	Gorleston	1019.0	+6	NE'N	4	C	64	75	6	5	-	7.8	7.8	2500	1019.2	0	NE	3	C	62	85	6	5	-	3+	3+	2500	0	2	cz.c	c	cm.	cm.						
	Mildenhall	1018.4	-2	NW	2	C	71	55	7	8	-	3	3	4000	1018.7	+2	ENE	2	C	67	65	7	8	7	7.8	3+	1500	0	*	cm.cz.y	c	c.bm.	cm.						
	Cranwell	1019.5	+2	ENE	2	C	64	75	8	8	-	4.6	3+	2500	1019.3	+4	E'S	2	C	65	75	8	7	3	Tr	3	2500	0	*	bm.c	cbcc	cbccm.	cm.						
3	Birmingham	1018.9	0	NNE	1	C	66	55	7	7	-	7.8	7.8	4000	1018.0	-4	S	1	bc	68	45	7	-	6	0	4.6	-	1	*	c	cbcc	bc	bc						
	Upper Heyford	1018.9	-4	N	1	C	68	55	7	5	1	3	3+	4000	1018.1	-4	NNW	1	bc	69	55	7	5	-	4.6	4.6	4000	0	*	cm.ccy	cybcy	bcbm	cm.						
4	Ross-on-Wye	1019.1	-4	NNW	2	C	67	55	8	7	-	3	3	4000	1018.3	-2	WNW	2	b	70	55	8	7	-	1	1	4000	0	*	c	cbcc	bybw	bmwf						
5	Hartland Point	1019.9	-2	NW	2	bc	62	85	8	2	6	2.3	4.6	1500	1019.1	-2	NW	2	bc	61	85	9	8	7	4.6	4.6	1500	0	2	bc	bc	bc	bc						
	Bristol	1019.3	-4	NE	1	C	70	55	8	7	-	7.8	7.8	4000	1018.4	-6	NNW	2	b	68	65	8	1	-	1	1	4000	0	2	cbcc	bcybc	bmow	bmjfu						
	Portland Bill	1019.1	-2	W	2	C	62	85	7	2	4	4.6	3	2500	1019.8	-8	W	2	bc	61	85	7	5	-	2.3	2.3	2500	1	2	c	bc	bc	bc						
	Plymouth	1019.5	-2	W	2	bc	67	65	8	7	-	2.3	2.3	2500	1018.5	-6	W	3	bc	65	75	8	8	-	1	2.3	2.3	4000	0	1	bvbc	bc	bc	bc					
	The Lizard	1020.3	0	W	2	bc	64	75	8	7	-	2.3	2.3	4000	1019.3	-10	W'S	2	bc	61	85	8	7	-	2.3	2.3	2500	0	1	cbc	bc	bc	bc						
	Scilly (St. Mary's)	1020.8	-2	WNW	1	C	63	75	8	4	-	7.8	7.8	2500	1020.1	-2	WNW	2	bc	63	75	8	8	4	3	4.6	4.6	2500	0	1	c	cbc	bc	bc					
	Guernsey	1020.1	-2	NW	2	bc	62	75	8	7	3	4.6	4.6	2500	1019.7	-4	WNW	1	b	63	75	7	-	1	0	Tr	-	0	1	cbc	bc	bc	bc						
6	Pembroke	1020.1	-2	SW	1	bc	63	85	7	7	6	4.6	4.6	4000	1019.4	-2	W	3	bc	60	85	8	1	7	1	2.3	4000	0	1	cbc	bc	bc	c						
7	Holyhead	1019.3	-6	NW	2	C	62	85	9	8	3	7.8	7.8	4000	1018.6	-6	SW	2	b	63	75	9	1	3	Tr	Tr	4000	1	0	cbcc	cb	bc	bc						
	Chester (Sealand)	1019.4	-4	WNW	1	C	67	55	7	8	-	7.8	7.8	2500	1018.5	-6	W/N	3	bc	66	65	7	7	-	2.3	2.3	4000	0	*	cbccy	cbccy	bmwf	bc						
8	Manchester	1019.4	-6	WN	2	bc	69	55	7	1	3	1	2.3	4000	1018.5	-6	NW	2	Z.	66	65	6	1	-	2.3	2.3	4000	0	*	cz.by	bybcz.	bczmf	bcfmm.						
10	Spurn Head	1019.8	+6	NE'E	3	bc	66	75	7	8	8	2.3	4.6	2500	1020.0	0	E'N	3	bc	60	85	7	-	3	0	4.6	-	0	1	cbc	bc	bc	bc						
	Catterick	1019.4	-2	-	0	C	65	65	8	8	-	7.8	7.8	2500	1018.5	-2	SE	3	bc	67	65	8	8	6	4	2.3	2.3	4000	0	1	cbccy	bcy	bc	bc					
	Tynemouth	1020.0	0	ESE	3	bc	60	85	8	8	-	4.6	4.6	2500	1019.5	0	SE	3	bc	58	85	8	7	-	4.6	4.6	2500	0	1	cbc	bc	bc	bc						
11	St. Abbs Head	1019.5	0	ESE	4	bc	59	85	9	2	4	1	2.3	4.6	2500	1018.7	-2	SSE	4	bc	57	85	8	2	4	2.3	4.6	2500	0	3	cbc	bc	bc	bc					
	Leuchars	1019.6	-2	E	3	bc	60	75	8	8	-	2.3	2.3	2500	1018.6	-4	ESE	3	bc	60	75	8	-	3	2	0	4.6	-	1	*	cbc	bc	bc	bc					
12	Rentrev (Abbots L.)	1018.6	-6	SSW	3	bc	64	55	9	1	-	4.6	4.6	4000	1017.8	-4	SW	2	bc	65	55	9	1	3	6	1	4.6	5700	0	*	bc	bc	bc	bc					
	Eskdalemuir	1019.0	0	SWW	3	bc	61	55	8	1	-	4.6	4.6	4000	1018.2	-2	SSW	3	b	63	57	8	1	3	1	Tr	1	4000	0	*	bc	bc	bc	bc					
	Point of Ayre	1019.9	-2	SE'S	2	C	60	85	9	5	-	7.8	7.8	4000	1018.8	-6	S	3	b	61	75	8	1	-	5	Tr	1	4000	0	1	c	cbcc	bc	bc					
13a	Tiree	1017.2	-4	S	4	bc	59	75	8	8	3	2.3	4.6	4000	1015.8	-4	S'W	4	C	59	85	8	7	3	2	2.3	7.8	4000	0	3	cbc	bc	c	cbc					
13b	Stornoway	1017.1	-4	S	4	C	59	75	9	5	7	2.3	7.8	4000	1016.3	-2	SSE	4	C	58	75	9	5	5	4	4.6	7.8	4000	0	3	c	bc	c	bc					
15	Dalwhinnie	1018.3	-8	S	4	C	58	65	8	4	6	4.6	3+	2500	1018.2	-4	S	3	bc	62	55	8	-	3	4	0	2.3	-	0	*	c	bc	c	bc					
	Aberdeen	1019.9	-2	SE'E	3	C	60	75	8	7	3	7.8	7.8	2500	1019.4	0	S'E	3	bc	58	75	8	5	-	4	1	2.3	2500	1	1	c	cbcc	bbcw	wom.b					
	Wick	1019.1	-2	SE	3	bc	57	75	9	7	4	2.3	4.6	2500	1017.8	-6	SE	5	C	55																			

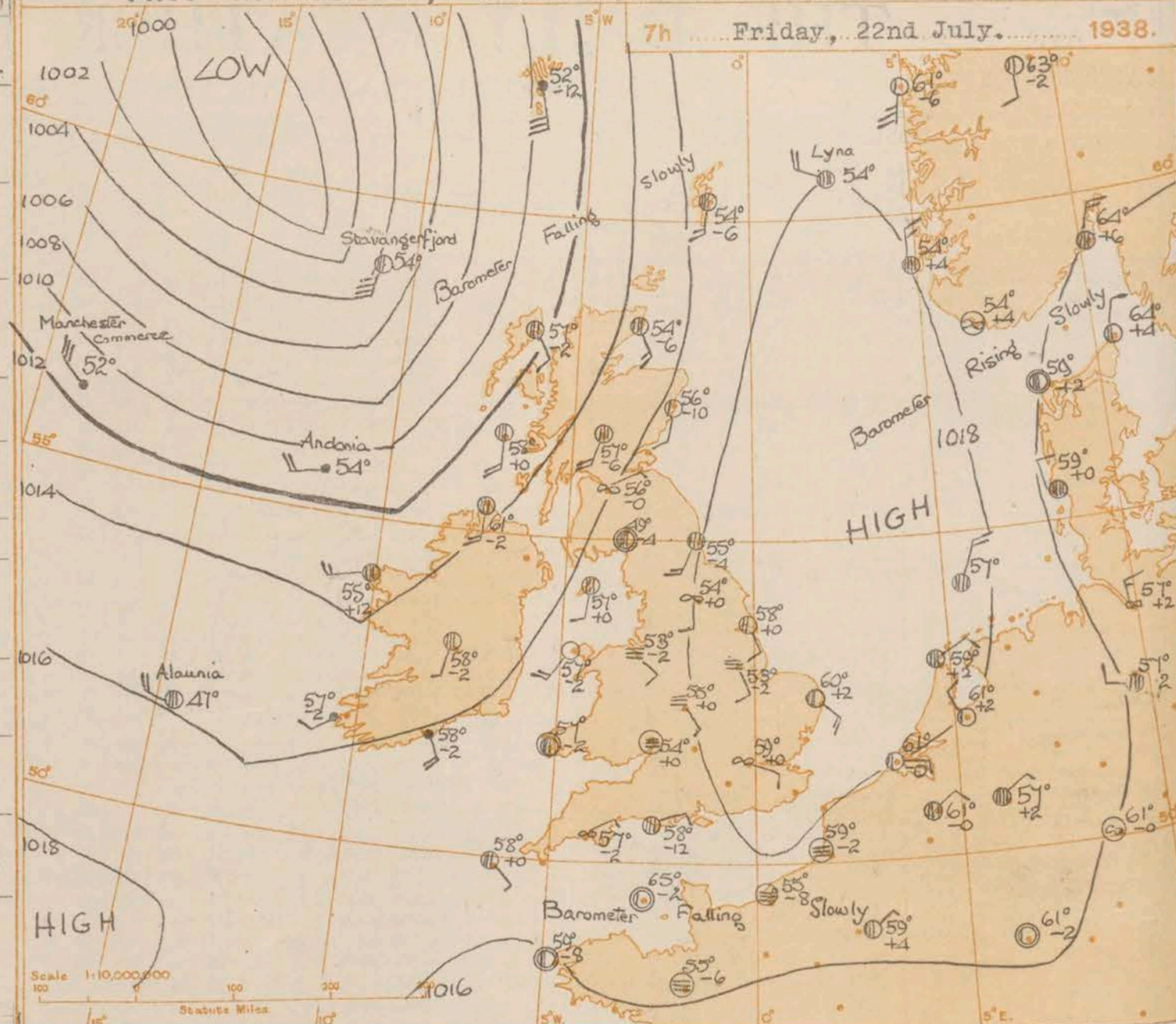


# REPORTS from HEALTH RESORTS for 21st July 1938.

DISTRICTS	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 21st.	Max. 21st.	Night. 17h. to 21st.	Day. 9h. to 21st.	Sunrise to 17h. 21st.	Sunset to 21st.
1	Tunbridge W.	oc	oc	52	75	-	-	3.6	8.6
	Bournemouth	ecbe	bc	57	74	-	-	3.0	5.7
	Ventnor	bcbe	bz	56	67	-	-	9.7	4.2
	Southsea	b	b	57	75	-	-	8.3	4.5
	Bognor Regis	cbc	bcc	56	70	-	-	6.8	5.8
	Littlehampton	bc	bc	54	70	-	-	6.8	6.8
	Worthing	bcbe	bbcz	56	71	-	-	7.8	7.1
	Brighton	b	bbe	58	71	-	-	7.8	7.0
	Eastbourne	bc	bc	56	71	-	-	3.8	6.4
	Hastings	mcbe	bczco	54	71	-	-	6.1	7.5
	Folkestone	mcbe	bcbm	53	70	-	-	5.0	4.8
	Dover	cbcc	cb	55	74	-	-	6.1	5.7
2	Deal	bc	bc	56	71	-	-	7.0	7.7
	Ramsgate	bc	bc	58	69	-	-	8.7	6.9
	Margate	bc	bc	59	70	-	-	8.8	7.2
	Southend	cbc	bcc	59	75	-	-	5.3	7.3
	Clacton-on-Sea	bcz	bczm	59	71	-	-	4.4	7.9
	Dovercourt	bcz	bczm	60	73	-	-	3.7	10.0
	Lowestoft	bcz.c	cbcc	59	69	-	-	4.7	0.8
	Skegness	o	obcb	57	64	Trace	-	3.7	6.3
	Mablethorpe	ecbe	b	56	63	Trace	-	5.8	5.4
	Cleethorpe	cbc	bc	56	65	-	-	5.7	4.2
	Leamington S.	c	cbc	55	71	-	-	2.6	5.1
	Cheltenham	c	cbcc	55	71	-	-	2.6	5.8
3	Bath	c	cbc	58	77	-	-	1.2	8.4
	Weymouth	c	cb	53	69	-	-	4.2	5.6
	Jersey	cco	bc	57	65	-	-	3.3	3.6
	Torquay	bc	bcbv	57	68	-	-	9.7	6.2
	Falmouth	bc	bc	54	67	-	-	4.3	1.4
	Penzance	bcce	cbcb	53	67	-	-	4.6	0.6
	St. Ives	b	b	54	68	-	-	10.3	0.6
	Bude...	bc	bc	55	64	-	-	10.2	1.0
	Ilfracombe	cbc	bbe	55	64	-	-	8.7	2.0
	Aberystwyth	cbc	bbe	56	66	-	-	5.2	0.6
	Llandudno	cbc	cbe	56	64	-	-	3.0	0.8
	Colwyn Bay	ccbec	cbc	55	64	-	-	3.9	1.1
4	Rhyl	cbc	bc	55	66	-	-	2.9	1.5
	Wallahey	cbc	bc	57	66	-	-	5.0	1.4
	Southport	cbc	bbcz	55	70	-	-	6.1	1.0
	Blackpool	cbc	bc	55	68	-	-	7.6	0.6
	Morecambe	cbc	bczbc	54	67	-	-	6.9	0.5
	Ilkley	c	bbe	55	71	-	-	4.0	0.7
	Harrogate	bcc	cbe	54	67	-	-	4.6	2.2
	Berwick-on-T.	bc	beb	53	60	-	-	8.5	1.6
	Dunbar	bc	bc	53	65	-	-	6.5	2.2
	Troon	bcbbc	bcc	47	62	-	-	11.2	0.9
	Douglas	bc	b	48	62	-	-	6.5	0.5

† Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h.

## AIR MINISTRY, METEOROLOGICAL OFFICE.



Scale 1:10,000,000

### DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd July, 1938.

1 S.E. England	Light to moderate easterly to variable winds; bright periods; local morning fog; rather warm to warm.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light variable winds; bright periods; local drizzle and fog near coasts; rather warm.
6 South Wales	
7 North Wales	Light to moderate southerly to southwesterly winds; cloudy, occasional slight rain or drizzle locally; average temperature.
8 N.W. England	
9 N. Midlands	As 1 - 4.
10 N.E. England	Light to moderate southerly winds; fair at first, local slight rain or drizzle later; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	As 7 - 8.
13 { A.W. Scotld. B.N.W. Scot- land.	Southerly winds fresh to strong at times, veering; occasional slight rain locally; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Light to moderate variable to westerly winds; freshening cloudy periods; occasional slight rain or drizzle; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

H. W. Stationery Office Press, London, E.C.2

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BAROMETER. Isobars are drawn for intervals of two millibars.  
WIND, WEATHER SYMBOLS. For explanation see opposite page.  
SEA DISTURBANCE. Rough, High.  
BAROMETRIC CHANGE from 2h. to 7h. in tenths of millibars is entered beneath the temperature.

#### GENERAL INFERENCE.

An anticyclone covers the North Sea and a depression to the south of Iceland is moving eastwards. In the South weather will be mainly bright and rather warm while in the North and West there will be cloudy periods with occasional rain and average temperature.

#### FURTHER OUTLOOK.

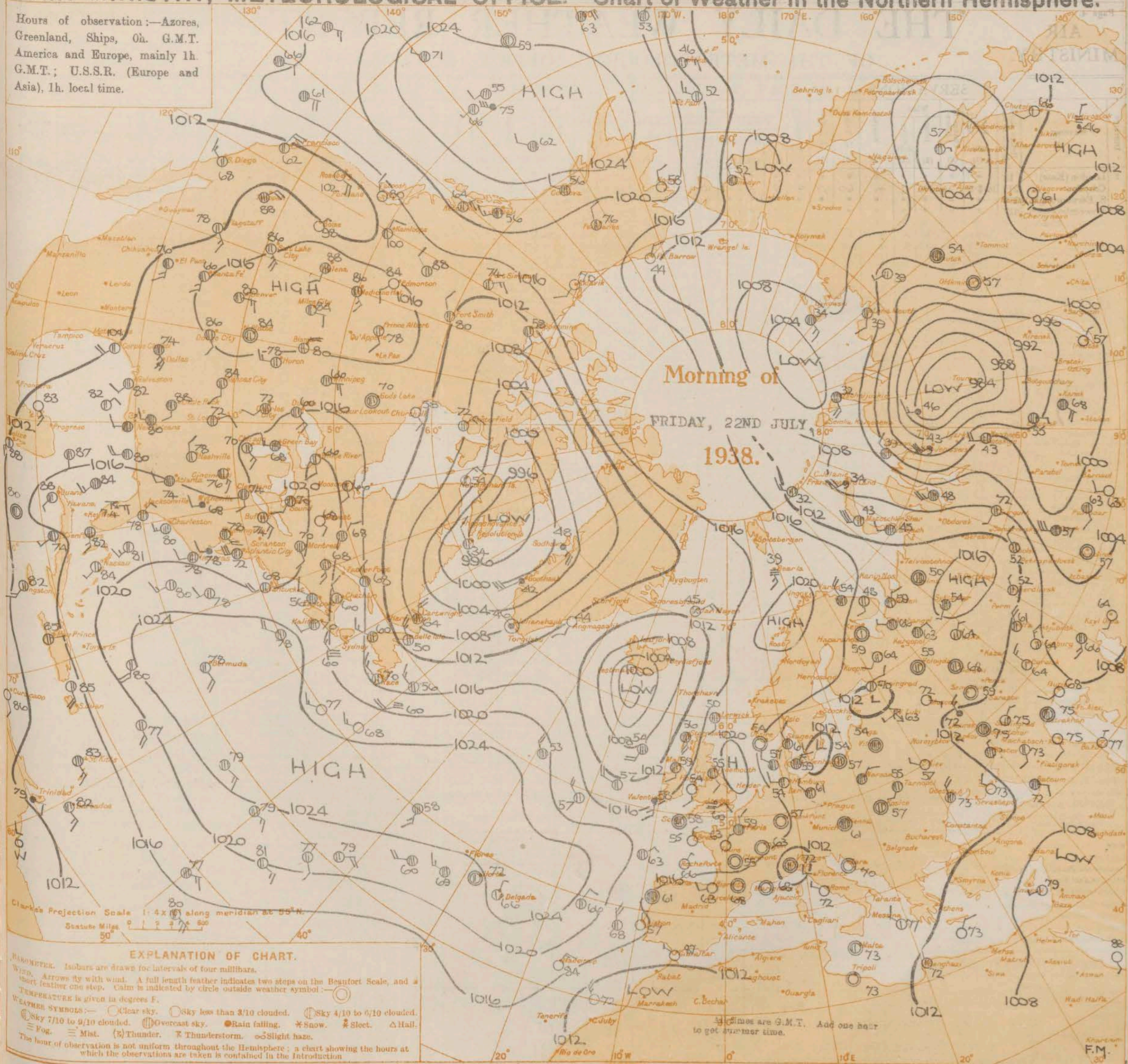
Unsettled in the extreme Northwest; mainly fair and warm in the South but with a tendency for local thunder.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

Hours of observation:—Azores, Greenland, Ships, On. 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

Friday, 22nd July, 1938.  
No. 28001.

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 M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)				
					Direc. (3)	Force (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)			Force (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (28)	Max. Day 7h-15h °F. (31)	Min. Night 15h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-15h min. (34)	Night 15h-7h min. (35)							
																																Low (11)	Med. (12)		High (13)	Low (25)	Med. (26)	High (27)
1	London (Kew)	118	*	*	*	*	*	*	*	*	*	*	*	1017.9	-2	ESE	2	Zo	61	85	6	5	-	-	10	10	1500	0	*	75	60	54	-	-	3.7			
	Croydon	217	1018.5	-2	ENE	2	m	60	97	4	5	-	-	10	10	800	1018.1	0	ESE	2	Zo	59	92	5	5	-	-	10	10	1500	0	*	74	59	57	-	-	3.5
	S. Farnborough	229	*	*	*	*	*	*	*	*	*	*	*	1017.6	0	SE	1	Zo	59	92	5	5	-	-	10	10	450	0	*	73.5	58	58	-	-	4.1			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1017.6	+2	SE	2	f	56	97	3	-	-	-	-	10	10	1500	0	*	71	54	50	-	-	2.4		
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	1017.8	-6	E	3	Zo	60	92	6	5	-	-	9+	9+	800	0	2	72	58	56	-	-	6.7			
	Lymington	348	1019.4	-2	ES	2	m	57	97	4	5	-	-	10	10	220	1018.1	-6	EN	3	Fm	57	97	4	5	-	-	10	10	220	0	1	68	57	56	-	-	5.1
	Manston	142	1018.9	-6	ENE	2	n	58	97	4	5	-	-	10	10	220	1017.8	+6	ESE	3	c	60	92	6	5	-	-	9+	9+	800	0	*	71	57	56	-	-	7.8
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1018.2	-2	E	2	c	61	85	8	5	3	-	7-8	10	1500	0	*	74	59	57	-	-	5.8			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1018.6	-2	E/N	3	c	60	85	8	7	7	-	2-3	7-8	1500	0	3	72	55	51	-	-	3.9			
	Gorleston	5	1019.5	-4	E	2	bc	58	85	7	1	-	-	4-6	4-6	2500	1019.5	+2	ESE	3	bc	60	75	7	1	-	-	4-6	4-6	2500	0	2	66	57	55	-	-	3.1
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1018.8	-2	E	1	bc	57	97	7	5	-	-	4-6	4-6	450	0	*	72	48	44	-	-	5.2			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1018.9	-2	SE	2	F+	53	97	2	5	-	-	10	10	220	0	*	69	49	47	-	-	3.4			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1017.5	0	SE	1	f	55	97	2	-	-	-	10	10	1500	1	*	69	54	43	-	-	1.7			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1017.7	-6	SE	1	Zo	60	92	5	5	-	-	10	10	450	0	*	71	57	54	-	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1017.5	0	-	0	f	59	92	3	-	-	-	0	0	-	0	*	71	48	42	-	-	5.2			
5	Hartland Point	299	1018.7	-6	WNW	2	bc	57	85	9	8	-	-	4-6	4-6	1500	1017.5	0	WNW	2	c	57	85	9	5	-	-	9	9	1500	0	2	64	54	51	-	-	9.2
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1017.4	+2	-	0	bc/f	56	97	6	-	-	-	0	0	-	0	0	71	47	43	-	-	5.2			
	Portland Bill	32	1017.8	-4	N	2	bc	58	85	8	5	-	-	4-6	4-6	2500	1017.4	-12	ENE	2	c	58	85	7	5	4	-	2-3	7-8	2500	1	2	63	55	*	-	-	*
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1017.1	-2	ENE	1	Zo	57	85	6	-	-	-	0	0	-	0	0	68	51	49	-	-	13.5			
	The Lizard	240	1019.5	0	-	0	b	59	92	8	-	-	-	0	0	-	1017.0	0	NE/N	1	b	59	85	8	7	-	-	1	1	4000	0	1	65	52	*	-	-	10.4
	Scilly (St. Mary's)	163	1019.1	-8	-	0	c	58	85	8	5	-	-	10	10	2500	1017.3	0	SE/E	1	c	58	85	8	5	-	-	9+	9+	1500	0	1	65	56	*	-	-	6.8
	Guernsey	175	1019.3	-3	WNW	1	b	57	97	7	-	-	-	0	0	-	1017.2	-2	-	0	b	65	75	7	-	-	0	0	-	0	1	66	54	48	-	-	8.2	
6	Pembroke	142	1019.1	-2	SE	1	c	56	92	8	5	-	-	7-8	7-8	2500	1017.8	-2	-	0	c	57	85	8	5	-	-	9+	9+	2500	0	0	64	54	*	-	-	8.7
7	Holyhead	26	1017.8	-6	SE	2	b	54	92	9	-	-	-	0	0	-	1016.7	-2	SSW	3	c	57	85	8	5	3	-	7-8	9	2500	1	1	66	53	48	-	-	10.4
	Chester (Sealand)	18	*	*	*	*	*	*	*	*	*	*	*	1017.5	-2	ESE	2	bc/f	53	92	4	-	-	-	0	0	-	0	*	71	48	50	-	-	7.5			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1017.6	-2	ESE	1	Zo	59	92	5	7	-	-	9	9	4000	0	*	69	50	46	-	-	4.8			
10	Spurn Head	29	1019.6	-2	ESE	2	b	56	92	8	-	-	-	0	0	-	1019.1	0	SE/S	2	bc	58	85	8	5	-	-	2-3	2-3	1500	0	1	67	56	*	-	-	8.3
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1018.2	0	SE	2	Zo	54	97	5	5	-	-	10	10	220	0	*	70	53	52	-	-	9.4			
	Tynemouth	108	1018.9	-6	SE	2	c	55	92	7	5	-	-	7-8	7-8	2500	1017.6	-4	SSW	3	o	55	92	5	5	-	-	10	10	800	0	1	61	54	51	-	-	8.2
11	St. Abbs Head	280	1018.0	-4	SW	3	bc	53	85	8	2	3	9	2-3	4-6	2500	1016.7	-4	WSW	4	bc	58	75	8	2	3	9	2-3	4000	0	2	61	51	*	-	-	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1016.8	-2	S	1	bc/f	53	92	6	5	3	-	1	2-3	4000	0	*	61	46	39	-	-	8.8			
12	RAF (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1016.4	0	NE	1	Zo	56	85	6	5	-	-	9+	9+	4000	0	*	66	50	43	-	-	12.8			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1017.6	-4	-	0	c	49	92	8	5	-	-	10	10	2500	1	*	65	39	34	-	-	12.9			
	Point of Ayre	30	1017.6	-2	SW	1	b	53	92	8	-	5	-	0	1	-	1016.8	0	SW	2	c	57	92	8	4	3	-	Tr	9+	1500	0	1	64	49	*	-	-	7.5
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1013.2	0	S	4	c	58	92	7	5	-	-	9+	9+	1500	0	3	62	54	52	-	-	7.4			
13B	Stornoway	80	1014.3	-8	SE	4	c	56	85	8	5	2	-	7-8	10	1500	1013.6	-2	SE	2	c	57	85	8	5	7	-	4-6	9+	1500	1	1	61	55	*	-	-	7.9
15	Dalwhinnie	1170	*	*	*	*	*	*	*	*	*	*	*	1015.3	-6	SSW	4	c	57	75	8	5	5	1	4-6	7-8	4000	0	*	63	49	43	-	-	6.9			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1016.0	-10	S	2	b	56	85	7	5	4	-	Tr	Tr	1500	1	1	60	53	48	-	-	8.3			
	Wick	81	1015.9	-6	SE	3	c	53	92	8	5	7	-	4-6	7-8	1500	1014.7	-6	SSW	3	c	54	92	8	5	7	1	4-6	7-8	1500	1	2	59	52	*	-	-	*
16	Lerwick	156	1018.6	-6	S	2	c	50	85	8	5	4	-	7-8	9	1500	1017.3	-6	S	3	c	54	85	8	8	4	1	4-6	7-8	1500	0	*	56	49	*	-	-	3.7
17	Blackod Point	18	1012.9	-10	S	5	c	58	97	7	5	-	-	10	10	450	1013.5	+12	W	3	c	55	97	8	5	-	-	10	10	450	1	3	62					



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 23rd July, 1938.  
No. 28002.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 22nd July														OBSERVATIONS at 18h. G.M.T. 22nd July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.						State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.	Form.			Amount.	Height of Base (feet).					Direc.	Force.	Form.	Amount.	Height of Base (feet).	7h.—13h. ...22nd.			13h.—18h. ...22nd.	18h.—22nd to 1h.—23rd ...23rd.	1h.—7h. ...23rd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
																																			Low.	Med.	High.	Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
																																														(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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
(For heights see p. 4.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. 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.

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:—

CLOUD FORM ABBREVIATIONS:—		COLUMN 29.—ST
Cirrus,—Ci :	Cirrocumulus,—Cc :	Cirrostratus,—Cs :
Stratocumulus,—Sc :	Stratus,—St :	Nimbus,—Ni :
0 . . .	Ground dry.	6 . . .
1 . . .	" wet.	7 . . .
2 . . .	" flooded.	
3 . . .	" frozen hard and dry.	8 . . .
4 . . .	" partly covered with snow or hail.	
5 . . .	" covered with ice or glazed frost.	9 . . .

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

**CLOUD.**

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

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

COLUMN 29.—STATE OF GROUND.

6 ... Ground covered with thawing snow.  
7 ... " 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.

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

150b disturbance reported from Dungeness.



7h Saturday, 23rd July, 1938

7h Saturday, 23rd July. 1938.

Low

High

Bar

Rising

Falling

Changes

Scale 1:10,000,000

Statute Miles

Scale 1:10,000,000

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

## GENERAL INFERENCE

A belt of high pressure extends from the Azores across the British Isles to Northern Scandinavia. Weather will be warm and mainly fair in most areas but with tendency for thunderstorms locally.

### FURTHER OUTLOOK.

Occasional rain in extreme northwestern districts; elsewhere mainly fair apart from local thunderstorms.

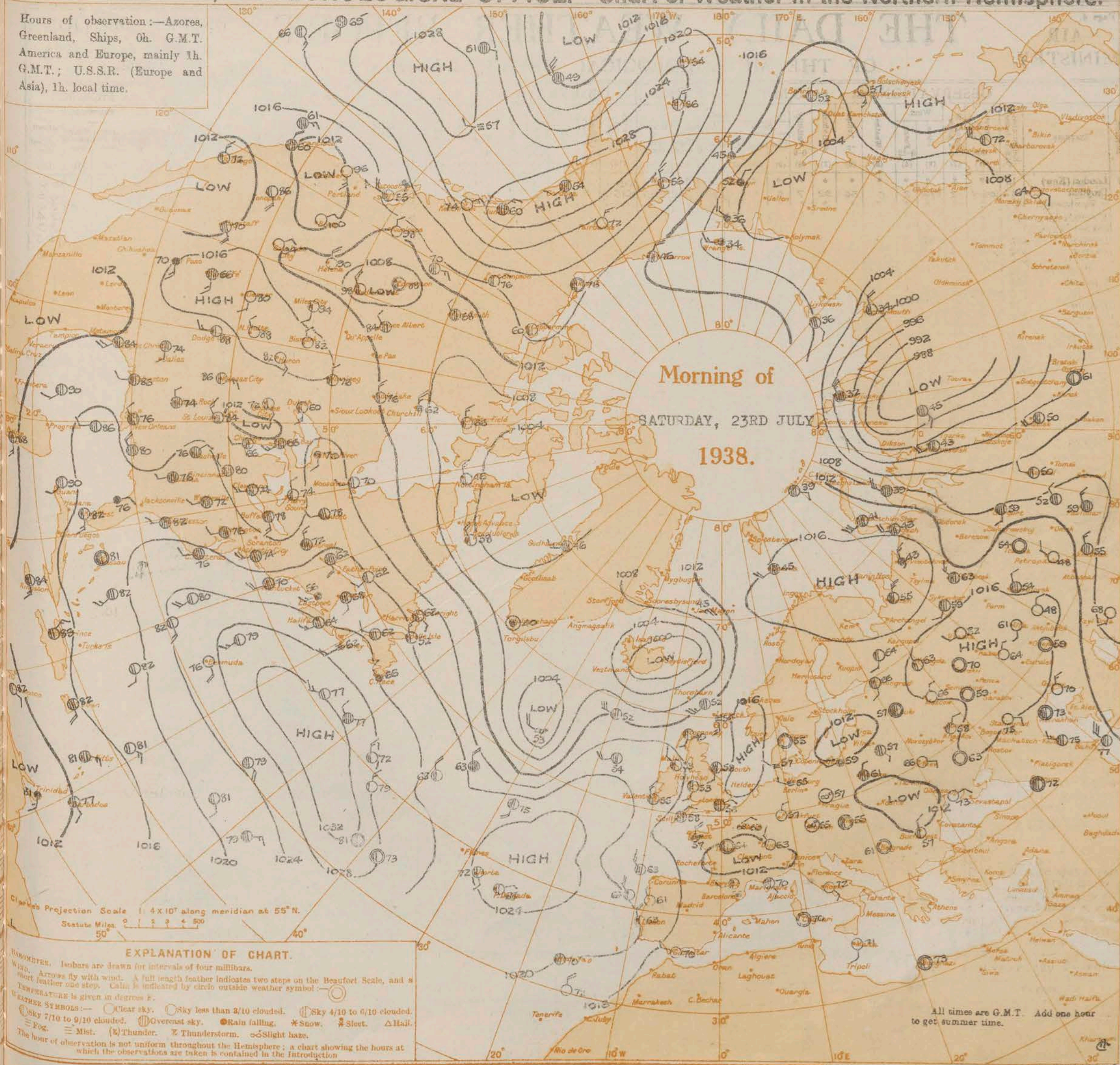
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.,  
M.T., Director.

Forecasts issued at



# 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.





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. in in.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visib. in miles.	Cloud.					Barom. at 7 hr. M.S.L. in in.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visib. in miles.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUB-SHINE.				
					Dir.	Force.				Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.				Height of Base (feet).	Low.	Med.	High.	Low 0-10.			Total 0-10.	Low 0-10.	Total 0-10.	Height of Base (feet).	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h in.	Night 18h-7h in.
1	London (Kew)	18	30.1	+			56	92	7						30.1	+			62	65	6						72	56	49			0.0						
	Croydon	217	30.15	-	ENE	2	56	92	7						30.15	-			60	75	6						73	55	50			0.6						
	S. Farnborough	228	30.1												30.1				57	85	6						71	52	47			2.0						
	Boscombe Down	417	30.05												30.05				60	92	5						69	53	49			2.4						
	Calshot (Stmntn.)	8	30.1												30.1				59	85	6						67	56	52			3.3						
	Lympe	348	30.16	-	ENE	3	57	85	8						30.16	-			58	92	6						69	50	46			5.5						
	Manston	142	30.15	-	ENE	2	56	92	7						30.15	-			60	92	6						66	52	49	Tr		8.2						
2	Shoeburyness	11	30.1												30.1				62	85	8						61	54	48			3.5						
	Felixstowe	15	30.1												30.1				62	85	7						66	57	55			11.6						
	Gorleston	5	30.16	-	SE	2	58	85	7						30.16	-			59	85	7						62	58	55			14.5						
	Mildenhall	19	30.1												30.1				58	85	8						75	49	45			8.3						
	Cranwell	240	30.1												30.1				54	97	6						70	49	45	Tr		8.9						
3	Birmingham	535	30.1												30.1				59	85	4						72	58	50			3.7						
	Upper Heyford	408	30.1												30.1				57	85	6						70	53	48			9.8						
4	Ross-on-Wye	223	30.1												30.1				58	92	5						76	56	49			9.8						
5	Hartland Point	299	30.14	-	N	2	58	92	8						30.14	-			58	92	8						63	57	55			4.8						
	Bristol	209	30.1												30.1				60	97	6						74	54	49			7.4						
	Portland Bill	32	30.15	-	ENE	2	58	85	4						30.15	-			62	85	7						63	57										
	Plymouth	82	30.1												30.1				59	92	7						67	59	50			11.1						
	The Lizard	240	30.14	-	N	3	56	97	8						30.14	-			60	85	8						63	55				9.6						
	Seilly (St. Mary's)	163	30.15	-	NE	2	58	92	8						30.15	-			60	92	8						67	56				1.7						
	Guernsey	175	30.14	-	NE	1	57	97	4						30.14	-			60	92	6						70	56	54			13.1						
6	Pembroke	142	30.15	-	NW	3	56	97	8						30.15	-			58	92	8						63	52				2.4						
7	Holyhead	26	30.15	-	SW	1	53	92	8						30.15	-			58	92	8						64	52	48			6.8						
	Ghestof (Sealand)	16	30.1												30.1				59	85	7						71	57	55			9.8						
8	Manchester	70	30.1												30.1				58	92	5						73	52	50			8.6						
10	Spurn Head	29	30.15	-	SE	3	59	85	8						30.15	-			59	85	8						63	56				12.0						
	Catterick	175	30.15	-	SSW	2	58	85	7						30.15	-			55	92	6						69	54	52			3.3						
	Tynemouth	108	30.15	-	SSW	2	58	85	7						30.15	-			58	85	6						61	58	53			8.1						
11	St Abbs Head	280	30.14	-	NW	1	60	75	7						30.14	-			59	75	8						68	56										
	Leuchars	36	30.1												30.1				60	85	8						70	52	44			11.2						
12	Renfrew (Abbots L.)	19	30.1												30.1				57	85	9						68	52	47			3.2						
	Eskdalemuir	794	30.1												30.1				55	92	6						67	47	43			8.7						
	Point of Ayre	30	30.15	-			52	97	8						30.15	-			57	97	6						66	49				5.6						
13A	Tiree	22	30.1												30.1				55	85	8						60	46	38	0.2		0.5						
13B	Sornoway	80	30.15	-	SSW	1	49	92	7						30.15	-			55	85	8						59	49				1.1						
15	Dalwhinnie	1178	30.1												30.1				51	97	6						65	49	43	Tr		2.6						
	Aberdeen	79	30.1												30.1				58	92	6						66	53	48			13.0						
	Wick	81	30.14	-	NW	2	55	92	8						30.14	-			52	92	8						63	52										
16	Lerwick	156	30.14	-	S	3	54	97	1						30.14	-			58	85	7						57	53				3.1						
17	Blackad Point	18	30.15	-	W	3	51	92	8						30.15	-			56	85	9						62	50										
18	Malin Head	84	30.16	-	NW	1	53	85	7						30.16	-			55	75	8						62	50				0.2						
	Aldergrove	268	30.1												30.1				54	85	8						65	52	52			2.7						
19	Birr Castle	173	30.1												30.1				51	92	8						67	47	37	1	0.3	0.2						
20	Valentia Obey	30	30.17	-	NW	3	55	92	7						30.17	-			54	85	8						61	53	48	9		0.0						
	Roches Point	22	30.1												30.1				56	92	8						64	55										

LONDON OBSERVATIONS.														EXPLANATION OF FIGURES, LETTERS, etc.																	
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.														The barometric tendency is expressed in tenths of a millibar.																	
Height above M.S.L. in feet.														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.																	
Weather														COLUMNS 8, 22—Code for surface visibility.																	
Temperature.														Objects not visible at																	
Rainfall.														COLUMNS 4, 18.																	
Sunshine														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.																	
Humidity.														COLUMNS 34, 35.																	
Visibility														Tr. = rain has fallen, but amount less than 0.1 mm.																	
Atmospheric Pollution.														COLUMNS 30.—Code for State of Sea.																	
Milligrams of Solid Impurity per cubic metre.														COLUMNS 2, 16.																	
24 hrs. ended 7h. G.M.T.														The barometric tendency is expressed in tenths of a millibar.																	
SOUTH KENSINGTON.														COLUMNS 8, 22—Code for surface visibility.																	
Max. Time. Min. Time.														Objects not visible at																	
Kew Observatory.														COLUMNS 4, 18.																	
Max. Time. Min. Time.														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.																	
Beaufort No. Statute m/h. Beaufort No. Statute m/h. Beaufort No. Statute m/h.														COLUMNS 34, 35.																	
0 1 2 3														Tr. = rain has fallen, but amount less than 0.1 mm.																	
1 2 3														COLUMNS 30.—Code for State of Sea.																	
4 5 6 7 8														COLUMNS 2, 16.																	
9 10 11 12														The barometric tendency is expressed in tenths of a millibar.																	
13-18 19-24 25-31														Objects not visible at																	
32-38 39-46														COLUMNS 4, 18.																	
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Disct.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 23rd July														OBSERVATIONS at 18h. G.M.T. 23rd July														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp.	Humid.	Visib.	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp.	Humid.	Visib.	Cloud.						State of Ground. 0-9	Sea. 0-9	WINDS.					
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			Form.			Amount.		Height of Base (feet)
									Low	Med.	High	Low	Total 0-10									Low	Med.	High	Low	Total 0-10				Low	Med.	High	Low	Total 0-10	
(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)	1014.5	-8	ENE	2	73	55	6	5	-	3	9	2500	1013.4	-4	ESE	2	72	65	6	5	1	-	7.8	7.8	4000	0	*	bcz,y	cz,m,y	cm.	cm,w			
	Croydon	1014.8	-8	ESE	2	72	65	6	1	-	6	4.6	3+	4000	1013.8	-6	ES	2	71	65	6	-	4	8	0	7.8	-	0	*	cz,θ	cz,θ	cm,bm,w	bm,w		
	S. Farnborough	1014.0	-8	E	1	75	55	7	7	-	3	3	4000	1012.9	-6	SE	2	72	65	6	-	3	8	0	9+	-	0	*	cz,θ,pcy	bcz,θ	cz,c	c			
	Boscombe Down	1014.3	-10	NNE	1	74	55	7	1	-	4.6	4.6	5700	1013.4	-2	SSW	3	69	65	7	2	3	-	9	9+	4000	0	*	cm, bcz	bcz, cz, pcz	cbz	cbz			
	Calshot (Sthm.)	1015.2	0	SE	3	70	65	8	-	-	5	0	2.3	-	1014.1	-4	SE	2	68	75	7	-	3	8	0	4.6	-	0	2	bcz	bcc	cb	cb		
	Lymington	1015.2	-6	NNE	3	67	65	8	1	-	7.8	7.8	2500	1015.0	0	NNE	2	62	75	8	-	-	6	0	7.8	-	0	2	bcz	bcc	cbw	cbw			
	Marston	1014.3	-8	EN	3	65	75	7	1	-	6	2.3	4.6	1500	1014.6	-2	ENE	2	62	75	8	-	-	6	0	7.8	-	0	*	bcz	bcc	cbw	cbw		
2	Shoeburyness	1015.7	-4	ENE	2	67	75	8	7	-	4.6	4.6	5700	1014.6	-6	EN	3	62	75	8	-	-	6	0	7.8	-	0	*	bc	bc	bcw	bcw			
	Felixstowe	1015.9	+2	E	2	65	75	8	7	-	4.6	3	4000	1014.9	-6	E	3	62	85	9	1	-	6	7	2.3	4000	0	2	cbcc	cbcc	bcw	bcw			
	Gorleston	1015.4	+4	ESE	3	62	85	7	7	-	2.3	2.3	2500	1014.7	-6	ESE	2	62	75	7	1	4	-	2.3	2.3	4000	0	2	bc	bc	bcw	bcw			
	Mildenhall	1014.8	-6	-	0	71	55	8	7	-	7.8	7.8	2500	1013.4	-8	NNW	1	71	65	8	1	8	2.3	10	4000	0	*	cbcc	bcz	bcw	bcw				
	Cranwell	1014.9	-6	-	0	69	65	7	2	-	7.8	7.8	4000	1014.1	-2	E	2	66	75	7	-	3	-	0	4.6	-	0	*	cm, bcz	bcc	bc	bcw			
3	Birmingham	1014.2	-2	N	2	71	65	6	1	-	4.6	4.6	4000	1013.5	-4	N	3	71	55	8	-	-	0	0	-	1	*	cm, bcz	bcz, b	bcc	bcw				
	Upper Heyford	1014.3	-6	-	0	73	65	6	7	-	7.8	7.8	2500	1013.7	-2	W	2	66	85	6	6	-	9+	9+	2500	0	*	cm, cz	cbz, z	cbz	cmf				
4	Ross-on-Wye	1014.6	-6	E	2	72	65	6	1	-	2.3	4.6	4000	1013.0	-10	NW	2	75	55	7	1	-	1	1	4000	0	*	cm, cz	cbz, by	by, cm	cm				
5	Hartland Point	1015.2	+2	NNE	2	61	85	8	1	-	7	7.8	1500	1014.1	-4	WNW	2	63	85	8	4	-	2.3	2.3	1500	0	2	cbcc	cbz	bcz	cbz				
	Bristol	1014.8	-6	N	1	72	65	6	1	-	4.6	4.6	4000	1013.4	-8	W	2	74	65	7	2	7	5	-	2.3	4.6	4000	0	1	cm, bcz	bcz	bcw	bcw		
	Portland Bill	1013.8	+4	E	2	65	85	7	-	-	0	0	-	1013.8	-6	E	2	65	85	7	5	-	4.6	4.6	2500	0	1	bc	bc	bcw	bcw				
	Plymouth	1014.5	+2	S	2	65	85	6	5	-	7.8	7.8	4000	1014.1	-2	WSW	2	64	85	8	5	-	7.8	7.8	2500	0	0	cm	cm	c	c				
	The Lizard	1015.0	0	NW	1	64	85	8	2	-	7.8	9+	1500	1013.8	-4	NNW	2	64	85	7	8	2	-	7.8	9	1500	0	1	bcc	bc	bcw	bcw			
	St. Mary's	1016.2	+2	NW	2	65	75	8	2	-	4.6	7.8	2500	1015.3	-6	NW	2	63	75	8	8	4	2	2.3	4.6	1500	0	1	bcc	bc	bcw	bcw			
	Guernsey	1013.5	0	-	0	70	75	6	-	-	0	1	-	1013.2	+2	-	0	67	75	7	-	3	-	0	4.6	-	0	0	0	cbz	bcz	bcw	bcw		
6	Pembroke	1015.7	-2	NW	2	67	75	8	2	-	2.3	2.3	4000	1014.5	-6	NW	4	61	92	6	5	1	-	4.6	7.8	2500	0	1	bc	bcz	c	c			
7	Holyhead	1016.0	+2	NNW	3	58	82	4	5	-	10	10	1500	1014.8	-10	NW	3	59	85	6	1	-	8	7	2500	0	1	bcz	ombz	wfmb	bcw				
	Chester (Sealand)	1015.7	-2	NNW	2	63	65	7	5	-	4.6	4.6	4000	1015.0	-2	WNW	3	65	75	7	-	-	0	0	-	0	0	0	*	cbz	bcz	bcw	bcw		
8	Manchester	1015.4	-2	NNW	2	63	75	7	7	3	9	7.8	2500	1014.6	-6	NW	3	67	75	8	-	4	1	0	7	-	0	*	cm, c	c	bcw	bcw			
10	Spurn Head	1015.8	0	ESE	3	63	75	7	-	-	8	0	4.6	-	1015.0	-4	SE	3	60	85	7	-	8	0	4.6	-	0	2	bc	bcz	bcw	c			
	Catterick	1014.3	-8	NE	1	66	75	5	5	-	9+	9+	4000	1013.3	-6	NE	2	67	75	5	5	-	4.6	4.6	2500	0	0	cm	bcz, cz	cz, m	cm, w				
	Tynemouth	1015.6	+2	W	1	60	85	5	1	-	4.6	10	800	1014.9	-2	SE	2	59	85	6	5	-	7.8	7.8	1500	0	0	cm, c	cbz	c	cm, w				
11	St. Abbs Head	1014.9	0	-	0	64	75	7	8	6	4.6	7.8	2500	1015.1	0	-	0	59	85	6	-	4	-	0	1	0	0	0	c	bcz, b	bc	cm, w			
	Leuchars	1014.9	0	E	3	66	65	7	8	-	9+	9+	4000	1015.4	-2	E	3	58	85	7	5	3	-	7.8	9+	800	0	*	cwc	cz, c	ccw, m	cm, w			
12	Reef (Abbott)	1015.3	0	WNW	2	65	65	9	5	-	9+	9+	4000	1014.4	-6	WS	1	67	52	9	2	3	5	7	7.8	4000	0	*	cid, c	cbz	bcz	cm, w			
	Eakdalemuir	1014.2	0	WSW	3	65	75	7	8	-	9	9	1500	1013.7	-4	-	0	65	75	7	8	3	-	7.8	9+	2500	0	*	bcc	c	c	cm, w			
	Point of Ayre	1016.0	+2	NW	2	63	85	8	5	-	9+	9+	1500	1015.4	-6	NW	2	61	85	8	2	8	-	7	4.6	2500	0	1	c	cbz	bcw	bcw			
13	Tires	1016.5	+2	WNW	2	59	75	8	2	3	2.3	7.8	2500	1015.9	-2	NNW	1	57	75	8	2	3	2	2.3	4.6	2500	0	1	c	cbz	bcz	c			
13	Stornoway	1016.2	+4	SSW	4	57	75	8	5	7	4.6	3	2500	1016.0	-2	WSW	2	57	65	3	1	5	8	7	9+	2500	0	1	cpr	c	c	c			
15	Dalwhinnie	1016.6	0	-	0	60	75	8	4	6	4.6	10	2500	1015.4	-10	NNE	4	59	75	8	-	5	4	0	7.8	-	0	*	c	cbz	c	c			
	Aberdeen	1015.5	+4	NE	2	61	85	8	7	-	9	9	2500	1015.8	+2	NNE	3	59	75	7	5	3	-	4.6	4.6	2500	0	2	bcz, c	cbz	c	c			
	Wick	1016.4	+8	N	2	55	75	8	5	2	7.8	10	1500	1016.1	-6	SE	1	57	85	8	5	6	2	2.3	4.6	2500	0	1	d, d	cbz	bcz	c			
16	Lerwick	1016.0	+10	WNW	2	55	85	8	8	3	7.8	9	1500	1016.6	+4	WNW	2	55	85	8	8	3	-	7.8	9	1500	0	*	c	c	cbz	bcw			
17	Blackod Point	1017.2	-4	W	3	5																													

## EXPLANATION OF FIGURES



## A

[illegible]

**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 Spain across England to the North Sea, while a trough of low pressure west of Ireland is moving slowly eastwards. A period of rain followed by showers and bright periods will spread eastwards to western districts but in the east weather will be fair or fine apart from coastal drizzle and fog in East Scotland.

### FURTHER OUTLOOK

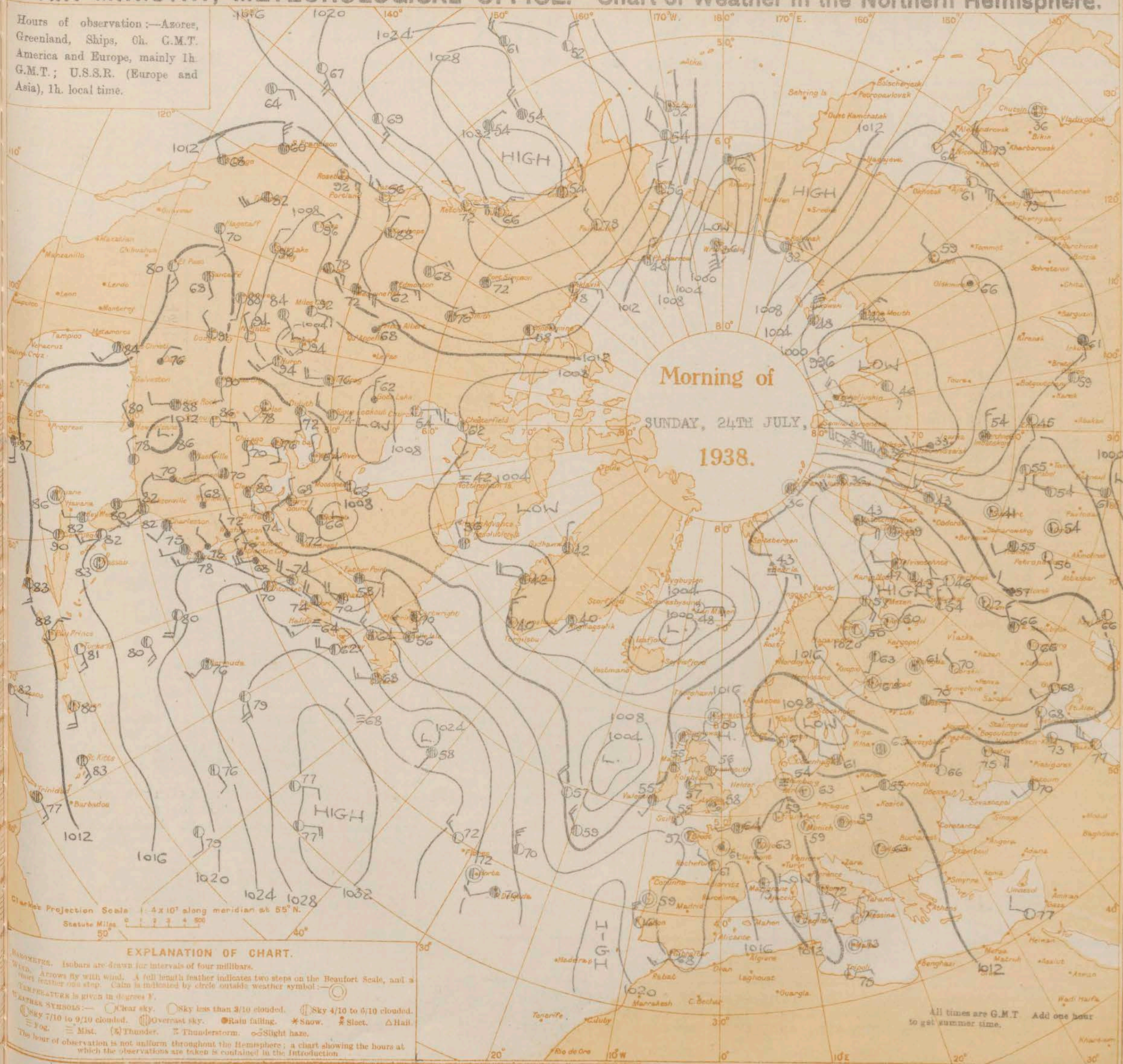
Fair in the East and Southeast.

Forecasts issued at 1100 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.  
Director.



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

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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 24th July, 1938.

No. 28003.

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. (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)
					Dir.	Force (3-12)					Form.	Amount.	Height of Base. (feet) (14)	Dir.	Force (3-12)			Form.	Amount.					Height of Base. (feet) (28)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)			Night 12h-7h mm. (35)					
																																Low (9)	Med. (10)	High (11)	Low 0-10 (12)	
1	London (Kew)	18	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	ESE	1	0	60	85	6	5	7	8	4-6	7-8	2500	0	0	74	55	47	-	-	2-6	
	Croydon	217	30.1	-6	0	0	58	92	6	0	0	0	0	30.1	+2	SSE	1	0	59	85	7	5	5	5	10	10	5700	0	0	73	54	47	-	-	4-2	
	S. Farnborough	228	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	SW'S	2	0	61	75	7	5	3	3	0	0	0	0	0	77	55	48	-	-	5-0	
	Boscombe Down	417	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	S	2	0	59	85	6	5	3	3	0	4-6	0	0	0	77	57	53	-	-	5-9	
	Calshot (St. Helens)	8	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	SSE	2	0	62	75	7	5	3	3	0	0	0	0	0	73	58	54	-	-	9-7	
	Lymington	348	30.1	-4	NNW	1	52	97	7	0	0	0	0	30.1	+4	NW	1	0	58	85	8	5	3	3	0	3	2	2500	0	1	68	48	44	-	-	9-8
	Manston	142	30.1	-8	NEN	2	50	97	7	0	0	0	0	30.1	0	NNE	1	0	61	85	7	1	3	3	1	1	2500	0	0	67	48	39	-	-	11-1	
2	Shoeburyness	11	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	0	0	60	85	6	7	5	5	5	7-8	7-8	4000	0	0	67	48	40	-	-	9-1	
	Felixstowe	16	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-2	NNE	1	0	59	85	7	5	8	9	0	0	0	0	0	67	48	44	-	-	6-3	
	Gorleston	5	30.1	-6	E	2	58	85	7	1	0	2-3	2-3	2500	30.1	+4	EN	2	61	85	7	7	5	5	4-6	4-6	2500	0	2	64	56	55	-	-	12-5	
	Mildenhall	19	30.1	0	0	0	58	92	6	0	0	0	0	30.1	0	ESE	2	0	54	97	8	5	7	4	0	2-3	0	0	74	45	41	-	-	4-8		
	Cranwell	240	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+4	SE'S	3	0	54	97	7	5	5	5	7-8	7-8	450	0	0	72	50	46	-	-	5-7	
3	Birmingham	535	30.1	0	0	0	58	92	6	0	0	0	0	30.1	0	SE	2	0	60	85	5	5	7	5	0	0	0	0	0	74	57	45	-	-	6-6	
	Upper Heyford	408	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	0	0	59	97	3	5	5	5	10	10	226	1	0	75	57	53	-	-	7-0		
4	Ross-on-Wye	223	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-4	SSW	1	0	61	92	5	5	8	5	1	4-6	4000	0	0	76	59	54	-	-	7-0	
5	Hartland Point	299	30.1	-12	W	3	57	97	6	5	0	10	10	1500	30.1	+4	W	3	58	92	7	5	5	5	9	9	1500	0	2	64	57	56	-	-	7-4	
	Bristol	209	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+2	0	0	60	92	6	5	5	5	1	4-6	4-6	5700	0	0	76	57	52	-	-	5-6	
	Portland Bill	32	30.1	-6	WNW	2	59	85	8	5	0	2-3	2-3	2500	30.1	+6	E	2	57	85	7	5	4	5	4-6	7-8	2500	1	2	65	56	50	-	-	7-7	
	Plymouth	82	30.1	0	0	0	58	92	6	0	0	0	0	30.1	+8	W	1	0	59	85	7	5	2	5	9	10	1500	0	1	67	56	47	-	-	7-7	
	The Lizard	240	30.1	-4	WNW	2	58	97	8	4	0	4-6	4-6	2500	30.1	+6	0	0	57	97	8	4	6	5	7-8	9	2500	0	0	69	53	50	-	-	3-0	
	Scilly (St. Mary's)	163	30.1	-8	NW	2	55	97	8	4	0	1	2-3	2500	30.1	-2	SW'S	3	0	58	85	6	5	5	10	10	1500	1	1	65	54	50	-	-	10-1	
	Guernsey	175	30.1	-2	WNW	1	59	97	6	0	0	0	0	30.1	+8	W	1	0	61	92	6	5	2	5	4-6	10	2500	0	1	74	57	52	-	-	10-8	
6	Pembroke	142	30.1	-4	WNW	4	56	97	7	5	2	7-8	9	2500	30.1	+6	W	1	57	92	8	5	2	5	7-8	9	2500	0	1	68	54	50	-	-	10-1	
7	Holyhead	26	30.1	-16	E	2	57	92	6	5	0	2-3	2-3	800	30.1	+4	SSW	3	60	92	6	5	3	5	4-6	10	800	0	1	61	54	51	-	-	6-6	
	Chester (Sealand)	16	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-6	SE	2	0	60	85	5	5	3	5	1	2-3	5700	0	0	69	53	50	-	-	8-1	
8	Manchester	70	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-2	E	1	0	62	85	5	1	3	5	1	2500	1	0	70	51	47	-	-	8-1		
10	Spurn Head	29	30.1	0	SE	3	58	85	7	5	0	4-6	4-6	2500	30.1	0	SE'E	3	59	85	7	5	5	8	2-3	4-6	1500	0	2	63	56	50	-	-	10-4	
	Catterick	175	30.1	0	0	0	58	92	6	0	0	0	0	30.1	0	SE	2	0	56	92	6	5	3	5	7-8	9	1500	0	0	71	53	50	-	-	1-6	
	Tynemouth	108	30.1	-4	E	2	56	92	7	5	0	9	9	1500	30.1	+4	0	0	56	97	4	5	5	5	4-6	4-6	800	0	1	63	55	52	-	-	1-2	
11	St. Abbs Head	280	30.1	-6	0	0	54	97	4	5	0	10	10	800	30.1	0	SE	1	55	92	6	3	6	5	4-6	9	800	0	0	66	53	50	-	-	1-7	
	Leuchars	36	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-6	E	3	0	55	97	5	5	2	5	10	10	220	1	0	66	54	54	-	-	1-7	
12	RAF (RAF)	19	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-6	E'S	2	0	57	92	6	5	5	5	10	10	2500	0	0	69	53	50	-	-	5-5	
	RAF (RAF)	794	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-8	NEE	2	0	55	97	6	5	5	5	10	10	450	0	0	68	54	54	-	-	3-2	
	Point of Ayre	30	30.1	-10	0	0	49	97	8	0	0	0	0	30.1	-6	S'E	2	0	57	97	8	5	2	5	7-8	9	2500	1	1	65	47	50	-	-	4-1	
13A	Tiree	22	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-8	SE'S	2	0	54	85	9	5	5	5	9	9	2500	0	1	60	48	42	-	-	7-6	
13B	Stornoway	80	30.1	-8	0	0	52	92	8	5	7	7-8	9	2500	30.1	-4	0	0	55	92	8	5	7	7	2-3	10	2500	0	0	59	51	50	-	-	0-9	
15	Dalwhinnie	1176	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-4	S	4	0	52	92	6	6	2	5	7-8	10	1500	1	0	64	50	47	-	-	2-7	
	Aberdeen	79	30.1	0	0	0	58	92	6	0	0	0	0	30.1	-4	E	1	0	55	92	5	5	5	5	10	10	800	1	1	63	50	45	-	-	3-2	
	Wick	81	30.1	-6	S	1	51	92	9	5	7	1	2-3	4-6	2500	30.1	-2	SSE	3	54	97	8	5	7	7-8	9	1500	1	1	57	46	50	-	-	3-2	
16	Lerwick	156	30.1	-2	0	0	50	97	8	4	0	4-																								



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 25th July, 1938.

No. 28004.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 24th July														OBSERVATIONS at 18h. G.M.T. 24th July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Humid.	Visibility	Cloud.					Height of Base (feet)	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Humid.	Visibility	Cloud.					Height of Base (feet)	State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Dir.	Force				Form.	Amount.	High	Low	Med.				High	Amount.				High	Low	Med.	High	Low				Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High



# REPORTS from HEALTH RESORTS for 24th July 1938.

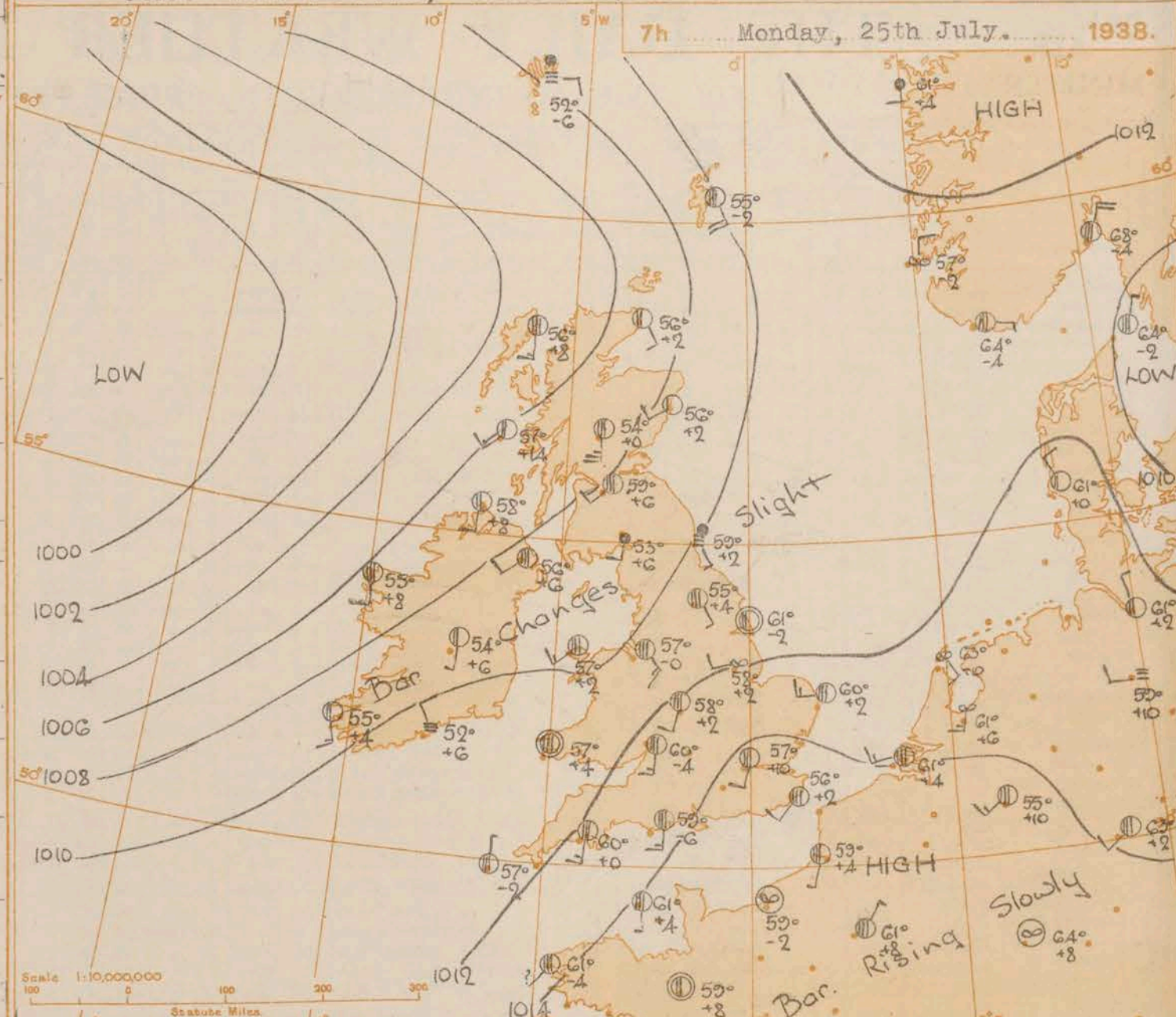
STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to Sunset.	Sunrise to Sunset.
			9h. to 24h.	24h. to 9h.	24h. to 9h.	24h. to 9h.	17h. to 24h.	24h. to 23rd.
1. Tunbridge W.	bcb	bcc	47	74	-	-	4.9	6.5
Bournemouth	b	bcbcc	53	74	-	-	7.2	10.5
Ventnor	cbz	cbz	58	69	-	-	4.5	10.0
Southsea	bzb	bzbcc	57	72	-	-	7.0	9.2
Bognor Regis	bcb	bcc	54	72	-	-	7.1	6.5
Littlehampton	b	bcc	58	66	-	-	6.9	4.0
Worthing	bcb	b	62	66	-	-	7.0	5.1
Brighton	bcb	cbcc	53	66	-	-	6.4	3.6
Eastbourne	bcb	cbcc	54	67	-	-	7.6	8.2
Hastings	bcb	bcbcc	59	67	-	-	9.0	8.3
Folkestone	b	b	54	68	-	-	11.5	9.6
Dover	bcb	b	55	68	-	-	10.7	11.5
Deal	b	bcb	50	68	-	-	11.3	9.2
Ramsgate	b	b	56	67	-	-	11.8	12.0
Margate	bcb	b	57	69	-	-	12.4	12.6
2. Southend	b	b	54	72	-	-	8.9	6.7
Clacton-on-Sea	bcb	b	52	66	-	-	11.7	6.6
Dovercourt	bcb	bcb	56	69	-	-	12.1	8.0
Lowestoft	bcb	bcb	55	67	-	-	6.9	11.4
Skegness	cbcb	bcb	56	64	-	-	6.7	10.3
Mablethorpe	b	bcb	56	62	-	-	8.8	11.8
Cleethorpe	b	bcb	53	63	-	-	8.1	10.3
3. Leamington S.	c	cb	57	73	-	-	1.8	1.8
4. Cheltenham	c	c	58	72	-	-	1.7	7.3
5. Bath	bcb	c	60	72	4	-	3.5	5.2
Weymouth	b	c	56	69	-	-	5.7	11.1
Jersey	bcb	bcb	58	68	-	-	4.0	7.1
Torquay	bcb	bcb	57	70	-	-	3.7	10.8
Falmouth	c	c	53	65	-	-	1.7	3.5
Penzance	cbcc	cbcc	56	64	-	0.3	1.6	4.8
St. Ives	c	c	-	-	-	-	2.5	7.6
Bude	cbcc	bcb	58	66	-	-	3.3	10.4
Ilfracombe	bcb	bcb	57	64	-	-	-	-
6. Aberystwyth	zcb	bcb	58	65	-	-	0.6	8.7
7. Llandudno	cb	c	54	66	-	-	1.1	9.9
Colwyn Bay	cbcc	cbcc	53	69	-	-	1.7	10.7
Rhyl	c	c	53	69	-	-	1.0	7.9
8. Wallasey	c	c	58	68	-	-	1.0	9.4
Southport	cb	cb	57	68	-	-	1.5	10.2
Blackpool	cb	c	52	68	-	-	0.8	11.0
Morecambe	bcb	c	56	68	-	-	1.6	11.8
9. Ilkley	cb	cb	55	70	-	9	1.7	2.1
Harrogate	cb	c	53	67	-	-	2.0	0.9
10. Beverley-on-T.	cb	cb	53	69	-	Trace	1.4	5.9
11. Dunbar	cb	cb	53	64	-	4	0.5	6.6
12. Troon	cb	cb	53	64	-	-	0.9	8.4
Douglas	cb	cb	51	61	-	-	0.8	3.9

† Max. Temp. for period 24h. yesterday to 17h. to-day; Min. Temp. 24h.-ph.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th July, 1938.
1. S.E. England	Light southerly winds; fair to fine; warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	As 9 - 10.
5. S.W. England	Wind southerly to variable, light; cloudy or dull; occasional rain or drizzle; local coast fog; close.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind mainly southerly, light; cloudy; light local rain today; dull; occasional rain or drizzle tomorrow; average temperature; close.
10. N.E. England	As 5 - 8.
11. S.E. Scotland	Wind southwest to south, moderate; bright periods; some showers, with chance of local thunder; average temperature.
12. S.W. Scotland & Isle of Man.	
13. { A.W. Scotl'd. B.N.W. Scotl'd.	
14. Mid Scotland	Wind south to southeast, light to moderate; cloudy or dull; occasional rain or drizzle; average temperature.
15. N.E. Scotland	
16. Orkney and Shetland	
17. N.W. Ireland	
18. N.E. Ireland	As 12 - 13B.
19. S.E. Ireland	
20. S.W. Ireland	

11 N. Stationery Office Press, London E.C.2

## 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.**  
A complex low pressure area over the Atlantic westward of Ireland and extending towards the Bay of Biscay is drifting slowly eastwards. Weather will be fine and warm in the southeastern half of England, but there will be occasional rain and drizzle in most western and northern districts.

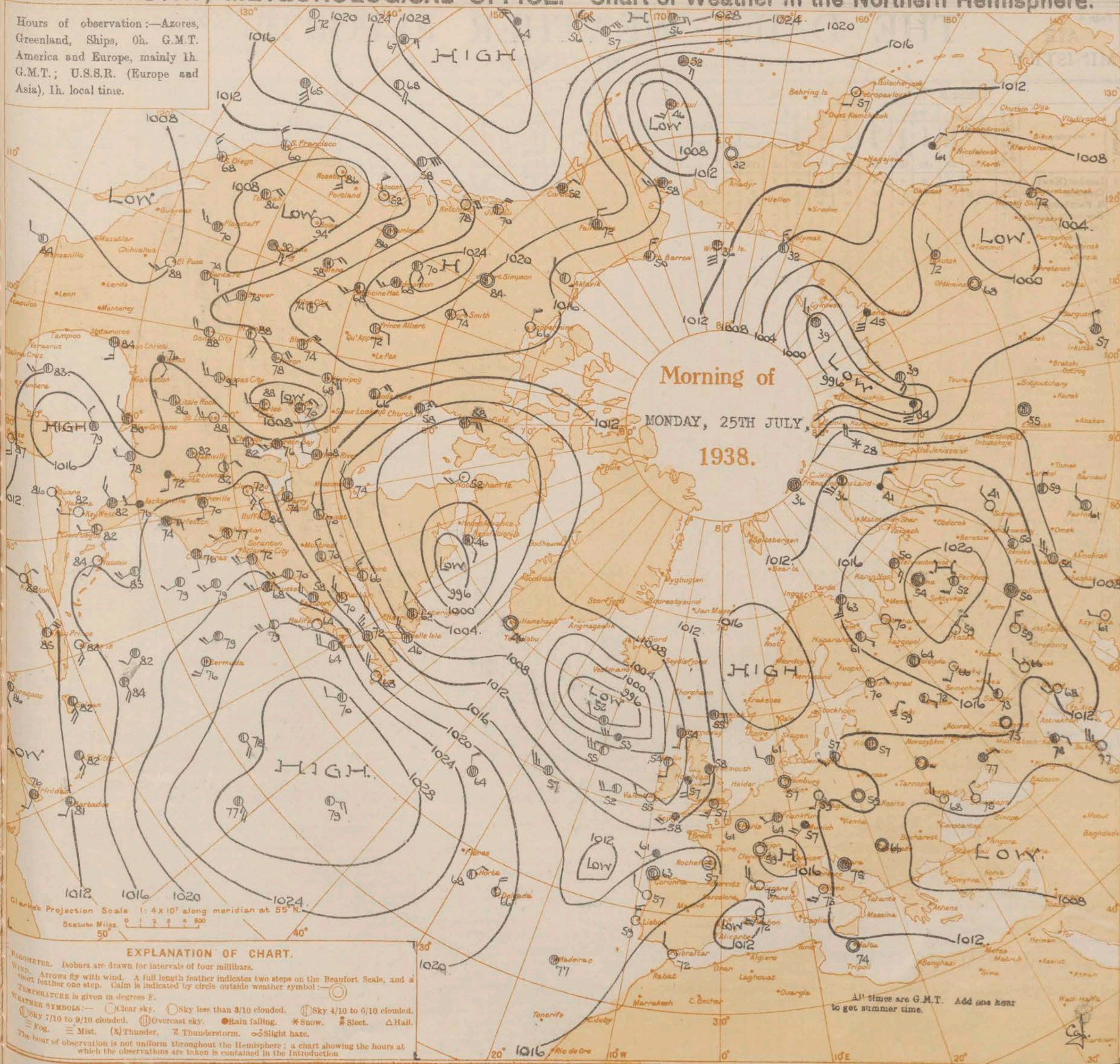
**FURTHER OUTLOOK.**  
Less settled conditions in England; increasing probability of thunderstorms in the south and east.

Forecasts issued at 1000 G.M.T.  
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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





## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 25th July, 1938.

No. 28004.

OBSERVATIONS at 1 hr. G.M.T. 25th July														OBSERVATIONS at 7 hr. G.M.T. 25th July														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at station M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at station M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs.	
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-12h.	Min. Night 12h-7h.	Min. on Grass °F.	Day 7h-12h.			Night 12h-7h.						
																																Low.	Med.	High.	Low.		Total.
1	London (Kew)	18	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+2	SW	1	C	60	85	7	5	7	8	78	56	50	-	-	5.2				
	Croydon	217	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+10	SSW	2	C	57	92	8	5	3	-	76	55	51	-	-	4.4				
	S. Farnborough	228	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+8	SW	2	C	57	92	7	5	7	6	77	51	45	-	-	5.6				
	Boscombe Down	417	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+2	SSW	2	C	57	92	7	5	3	-	74	51	48	-	-	5.6				
	Calshot (St. Mary's)	8	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+2	SE	3	C	60	92	8	7	7	-	72	56	53	-	-	7.7				
	Lymington	349	1014.7	+4	WSW	2	bc	55	97	7	-	3	-	0	2-3	-	1014.6	+2	SWW	2	C	56	92	8	5	3	6	67	53	51	-	-	3.0				
	Manston	142	1013.4	+2	SWW	2	bc	58	85	7	-	3	-	0	4-6	-	1013.3	-2	WSW	3	C	59	85	6	5	7	-	68	53	50	-	-	11.9				
2	Shoeburyness	11	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+6	SSW	2	C	60	85	6	-	4	7	70	56	52	-	-	5.6				
	Felixstowe	15	1013.8	0	SW	3	bc	57	92	8	-	3	-	0	2-3	-	1013.8	+4	SW	2	C	59	92	6	1	1	8	68	56	45	-	-	11.9				
	Gorleston	5	1012.5	-2	S	4	C	61	92	6	5	-	10	10	2500	-	1012.1	-2	W	3	C	60	85	6	5	3	-	64	58	56	-	-	9.7				
	Mildenhall	19	1012.5	-2	S	4	C	61	92	6	5	-	10	10	2500	-	1012.3	+4	SW	2	C	60	85	7	5	1	1	78	53	48	-	-	7.7				
	Granwell	240	1012.5	-2	S	4	C	61	92	6	5	-	10	10	2500	-	1011.7	+2	WSW	2	C	58	85	5	-	4	1	72	55	52	Tr	0.1	5.9				
3	Birmingham	535	1012.0	+2	SW	2	C	58	85	7	7	-	6	7	8	4000	1	1012.0	+2	SW	2	C	58	85	7	7	-	72	54	45	-	-	2.4				
	Upper Heyford	408	1012.0	+2	SW	2	C	58	85	7	7	-	6	7	8	4000	1	1012.0	+2	SW	2	C	57	85	7	-	7	6	76	52	46	-	-	2.4			
4	Ross-on-Wye	223	1012.0	+2	SW	2	C	58	85	7	7	-	6	7	8	4000	1	1012.0	+2	SW	2	C	60	85	7	5	7	1	78	54	48	-	-	2.7			
5	Hartland Point	239	1011.4	-8	SW	3	bc	58	85	9	8	-	4-6	4-6	1500	-	1011.4	-2	SW	3	C	57	97	8	6	2	-	63	56	56	-	-	4.2				
	Bristol	209	1011.4	-8	SW	3	bc	58	85	9	8	-	4-6	4-6	1500	-	1011.4	-2	SSW	2	C	58	92	8	5	3	1	7-8	54	48	-	-	3.8				
	Portland Bill	32	1013.5	-4	WSW	3	C	58	85	8	5	-	7-8	7-8	2500	-	1013.4	-6	S	3	C	59	85	8	5	4	-	64	55	55	-	-	3.8				
	Plymouth	82	1013.5	-4	WSW	3	C	58	85	8	5	-	7-8	7-8	2500	-	1013.4	-6	S	3	C	60	92	7	8	7	-	65	58	55	-	-	2.5				
	The Lizard	240	1012.7	-4	S	3	bc	58	97	8	8	6	4-6	4-6	2500	-	1011.9	0	SSW	3	C	58	97	3	3	-	-	65	52	52	Tr	1	2.3				
	Scilly (St. Mary's)	163	1011.4	-10	SSW	4	id.	58	97	6	5	-	10	10	1500	-	1010.5	-10	SSW	4	rf	58	97	3	8	4	4	66	55	50	0.4	4	5.0				
	Guernsey	175	1015.2	-2	SSW	1	bc	56	97	9	-	3	-	0	4-6	-	1014.3	+4	S	1	C	61	85	9	8	-	-	68	55	50	-	-	5.7				
6	Pembroke	142	1011.4	-4	W	2	rf	56	97	2	-	-	10	10	450	-	1010.8	+4	-	0	C	57	97	7	8	6	-	61	54	52	-	-	2.7				
7	Holyhead	26	1009.7	-6	S	4	id.	57	97	6	5	-	10	10	450	-	1009.8	+2	SW	3	C	57	92	8	5	8	1	7-8	54	52	-	-	3.3				
	Chester (Sealand)	16	1009.7	-6	S	4	id.	57	97	6	5	-	10	10	450	-	1010.8	0	SE	3	C	57	92	7	5	-	-	72	51	46	-	-	1.9				
8	Manchester	70	1011.4	-4	W	2	rf	56	97	2	-	-	10	10	450	-	1011.3	+8	SE	2	C	57	92	7	5	3	-	78	51	45	Tr	-	0.9				
10	Spurn Head	29	1011.0	-4	SSE	2	bc	61	92	7	-	1	0	4-6	-	1010.8	-2	-	0	bc	61	85	6	-	4	8	0	63	58	51	Tr	10.2					
	Catterick	175	1011.0	-4	SSE	2	bc	61	92	7	-	1	0	4-6	-	1010.9	+4	SE	1	C	55	85	7	5	9	2	Tr	7.8	43	43	0.2	Tr	1.8				
	Tynemouth	108	1010.7	0	S	2	0	58	85	6	5	-	10	10	800	-	1010.4	+2	SE	1	m	59	85	4	5	4	1	60	56	51	0.3	Tr	4.8				
11	St. Abbs Head	280	1010.4	+4	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1009.4	+4	WSW	5	C	57	85	9	8	6	5	61	51	51	3	-	0.1			
	Leuchars	36	1010.4	+4	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1009.4	+4	SE	1	C	57	85	7	5	-	-	60	46	39	Tr	-	0.1			
12	Renfrew (Abbots L.)	19	1009.4	+2	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1008.4	+6	SW	2	C	59	85	8	3	-	60	46	39	Tr	-	0.1				
	Eskdalemuir	794	1009.4	+2	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1009.4	+6	SSW	2	C	53	92	5	-	2	-	60	56	52	-	-	1.3			
	Point of Ayre	30	1009.4	+2	SSW	3	C	58	92	8	9	-	9+	9+	800	-	1008.9	+4	W	2	bc	59	85	8	8	-	4	1	60	50	43	0.2	1	0.0			
13A	Tiree	22	1009.4	+2	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1008.9	+4	W	2	bc	59	85	8	8	-	4	1	60	50	43	0.2	1	0.0		
13B	Stornoway	80	1009.4	+2	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1008.9	+4	W	2	bc	59	85	8	8	-	4	1	60	50	43	0.2	1	0.0		
15	Dalwhinnie	1176	1009.4	+2	SW	3	C	56	85	9	5	2	-	4-6	9	2500	-	1008.9	+4	W	2	bc	59	85	8	8	-	4	1	60	50	43	0.2	1	0.0		
	Aberdeen	79	1007.5	-8	SE	4	C	55	92	7	5	7	-	7-8	9	1500	-	1007.4	+2	SW	2	bc	56	85	6	5	3	-	59	53	47	Tr	4	0.1			
	Wick	81	1007.5	-8	SE	4	C	55	92	7	5	7	-	7-8	9	1500	-	1007.4	+2	SE	1	bc	56	97	6	5	6	1	2-3	57	54	54	Tr	0.2	10.0		
16	Lerwick	156	1012.6	0	E	4	C	55	92	6	5	2	-	7-8	10	450	-	1010.4	-2	SE	4	C	55	97	8	5	2	-	58	54	54	-	-	10.0			
17	Blacksod Point	18	1006.3	+10	W	2	C	54	97	8	5	-	10	10	800	-	1007.0	+8	S	2	C	55	92	8	3	-	-	7-8	52	52	1	1	4.3				
18	Malin Head	84	1006.4	+4	S	2	bc	54	92	8	4	5	-	2-3	4-6	4000	-																				



## No. 28005.

### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

0 No cirriform cloud.  
1 Fine Ci not increasing: sparse.  
2 Fine Ci not increasing: abundant but not  
a continuous layer.  
3 Anvil Ci (usually dense).  
4 Fine Ci increasing: usually in tufts.  
5 Ci or Cs increasing: still below 45° alti-  
tude: 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).

Cloud form abbreviations:—		(Ce may occur with any of the types 1 to 8).	
Cirrus, -Ci:	Cirrocumulus, -Cc:	Cirrostratus, -Cs:	Altostratus, -As:
Stratocumulus, -Sc:	Stratus, -St:	Nimbostratus, -Ns:	Cumulus, -Cu:
			Cumulonimbus, -Cb:

COLUMN 29.—STATE OF GROUND.	
0 .. Ground dry.	6 .. Ground covered with thawing snow.
1 .. " wet.	7 .. " covered with snow, less than 6 ins., deep but
2 .. " flooded.	ground not frozen.
3 .. " frozen hard and dry.	8 .. " covered with snow, less than 6 ins., but
4 .. " partly covered with snow or hail.	ground frozen.
5 .. " covered with ice or glazed frost.	9 .. " covered with snow greater than 6 ins. deep

1 Sea disturbance reported from Dungeness.

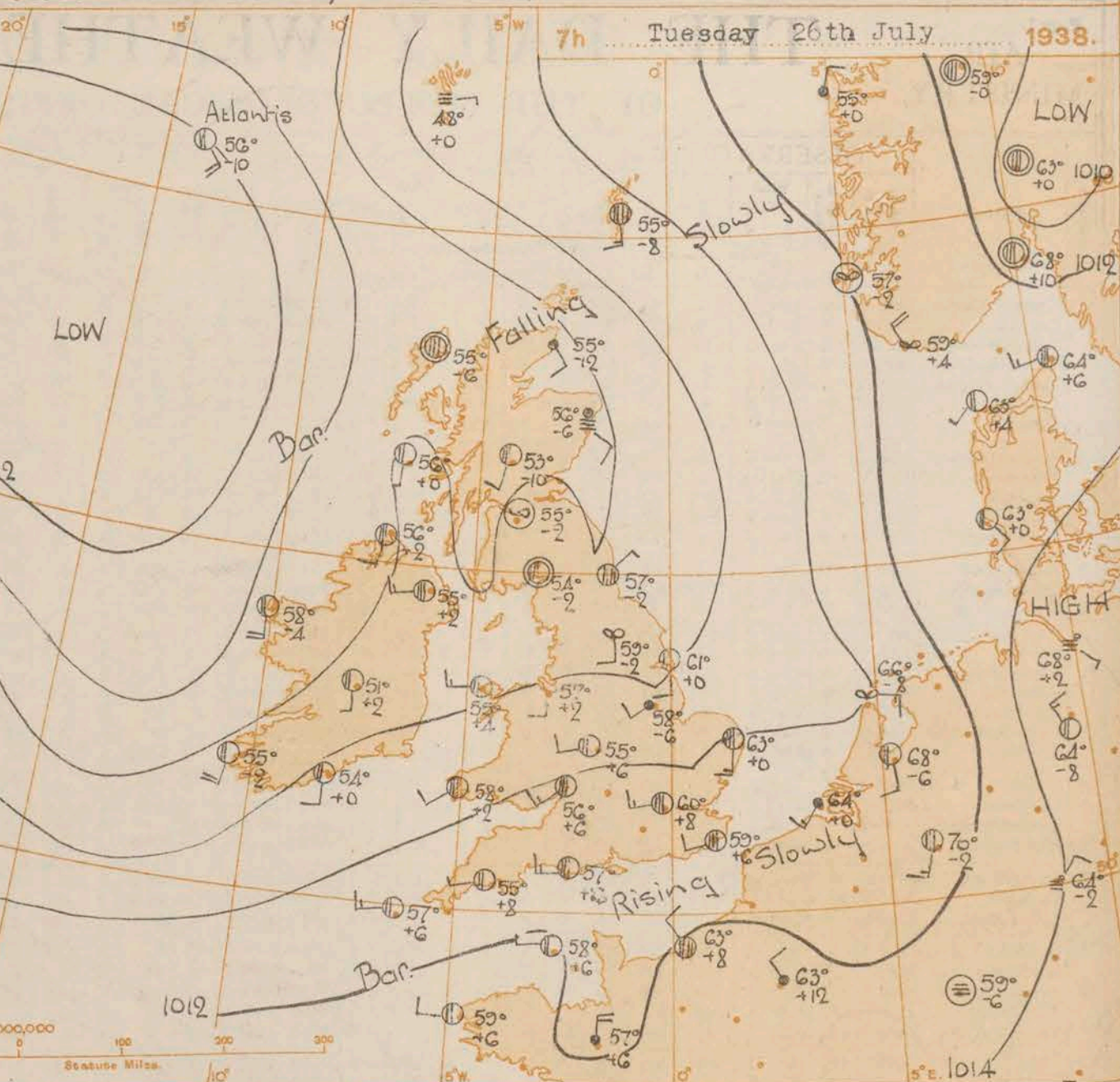


# AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 25th July 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 8h-24h.	Max. 9h-17h.	Night 17h-24h.	Day 9h-17h.	Sunrise to 17h.	Sunset to 24h.
1	Tunbridge W.	bc	cbc	52	74	-	-	6.8	5.0
	Bournemouth	cbcb	bcbee	57	71	-	-	4.5	7.4
	Ventnor	coc	cbco	56	71	-	-	2.8	4.5
	Southsea	cbcb	bcbee	57	68	-	-	1.7	7.0
	Bognor Regis	bc	bc	57	66	-	-	6.0	7.1
	Littlehampton	bc	bc	54	66	-	-	6.0	6.9
	Worthing	bc	bc	55	69	-	-	6.0	7.0
	Brighton	b	bc	57	67	-	-	6.2	6.4
	Eastbourne	bbce	cbce	57	67	-	-	5.1	7.5
	Hastings	bbce	bbce	57	68	-	-	5.4	9.0
	Folkestone	vcbcb	cbcbv	53	71	-	-	5.8	11.4
	Dover	cbcb	b	57	69	-	-	6.0	11.1
2	Deal	cob	bbce	55	73	-	-	6.6	11.3
	Raingate	bc	bc	57	69	-	-	7.2	11.9
	Margate	bc	cbce	56	74	-	-	6.7	12.4
	Southend	bc	bbc	56	78	-	-	6.5	8.9
	Clacton-on-Sea	cbce	bc	56	70	-	-	7.4	11.7
	Dovercourt	bce	bcv	57	73	-	-	7.8	12.3
	Lowestoft	bce	bbc	56	71	-	-	8.1	8.0
	Skegness	bc	bbc	54	71	Trace	-	9.1	6.7
	Mablethorpe	bc	bbc	53	74	-	-	8.6	8.8
	Cleethorpe	bc	cbce	55	74	-	-	9.4	8.1
	Learnington S.	c	c	53	71	-	-	2.6	1.8
	Cheltenham	bbc	bc	54	72	-	-	5.5	1.7
3	Bath	cbce	bce	54	70	-	-	2.8	3.5
	Weymouth	cb	bc	58	69	-	-	6.8	7.1
	Jersey	pcbc	bcco	57	72	Trace	-	6.2	5.0
	Torquay	co	corm	58	66	-	4	1.6	4.7
	Falmouth	omroc	o	57	62	6	0.5	0.2	1.8
	Penzance	rr	rc	58	63	9	2	0.2	1.7
	St. Ives	r	o	62	65	18	3	0.0	*
	Bude	cpop	op	58	66	25	2	0.0	4.8
	Ilfracombe	bcdbe	cbcd	58	66	1.2	1	0.8	4.5
	Aberystwyth	crr	rro	56	64	7	8	0.0	2.0
	Llandudno	dac	cgr	56	61	Trace	3	0.0	3.1
	Colwyn Bay	oodo	gdorr	57	61	-	6	0.0	3.2
4	Rhyl	cdor	cdor	55	60	Trace	5	0.1	2.1
	Wallasey	cp	por	55	64	-	2	0.2	1.7
	Southport	cor	cbcco	51	65	-	1	1.2	1.8
	Blackpool	opco	opco	51	64	Trace	0.3	0.7	1.0
	Morecambe	bcrr	cbcc	53	65	-	Trace	2.0	1.6
	Ilkley	cbc	cprr	50	72	0.6	11	3.6	1.7
	Harrogate	cbc	bce	49	69	-	-	4.3	2.0
	Berwick-on-T.	cbce	crbc	52	61	-	Trace	6.6	1.4
	Dunbar	cpr	bc	54	72	0.3	-	6.4	0.5
	Tron	cbcb	bbce	58	63	-	0.5	8.9	2.6
	Douglas	b	bc	54	62	1	-	7.9	2.5

Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h.-9h.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th July, 1938.
1 S.E. England	Wind southwest moderate, backing south tomorrow; bright periods; some showers chiefly this afternoon with possible local thunder; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind southwest to south, light to moderate, backing southeast, freshening tomorrow; bright periods, showers to-day, rain spreading from southwest tomorrow; average to rather low temperature.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	Wind variable, light, southeast later; bright periods; showers, local thunder later to-day; fair at first tomorrow; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind south to variable, light; showers with chance of local thunder; bright periods; average temperature to rather warm.
13 { A.W. Scotl'd. B.N.W. Scot-land.	
14 Mid Scotland	Wind variable, light; dull, occasional rain or drizzle to-day, brighter periods tomorrow; local coast fog; rather cool.
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind south backing southeast; bright periods and showers to-day; cloud increasing, rain spreading from southwest tomorrow; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

**GENERAL INFERENCE.**

A depression westward of Scotland is almost stationary and another disturbance in Mid-Atlantic will increase in intensity and move eastwards to a position off our southwest coasts. There will be a period of rather showery weather with some local thunder. More general rain will begin in the Southwest tomorrow and spread eastwards.

**FURTHER OUTLOOK.**

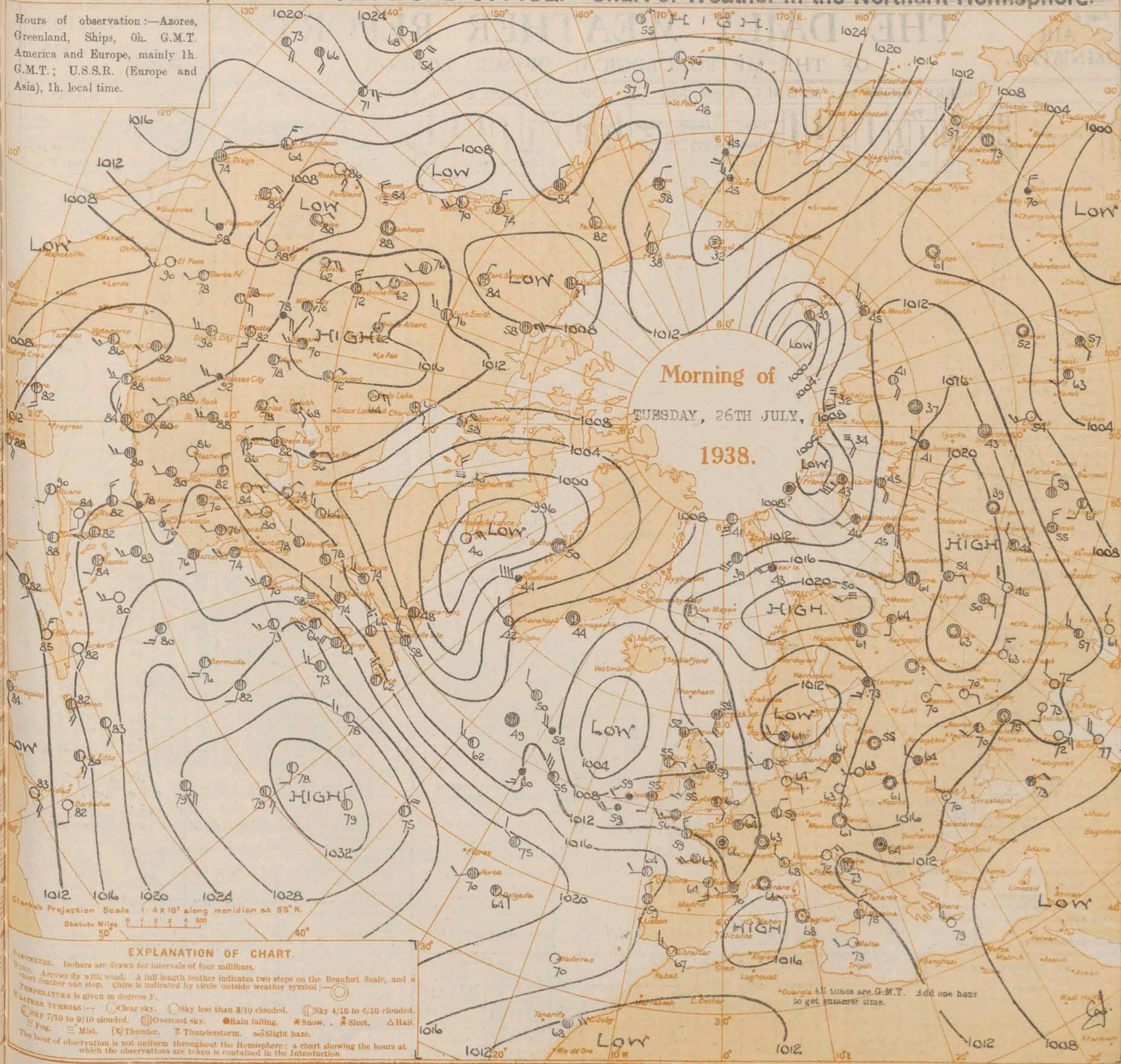
Unsettled conditions probable for some days.

Forecasts issued at 1005 G.M.T. **GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.**  
Director.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION.  
Tuesday, 26th July, 1938.  
No. 28005.

OBSERVATIONS at 1 hr. G.M.T. 26th July														OBSERVATIONS at 7 hr. G.M.T. 26th 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. (5)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Temp. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)					
					Dir.	Force (4)				Form.	Amount.	Height of Base. (feet) (14)	Dir.			Force (18)	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 in. (34)	Night 18h-7h in. (35)								
																														Low (9)	Med. (10)		High (11)	Low (12)	Total 0-10 (13)	Low (23)	Med. (24)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1010.6	+3	SWW	2	C	61	85	8	5	-	-	2500	1	*	74	59	52	-	0.3	6.0					
	Croydon	217	1010.6	-10	SE	2	bc	60	92	7	-	7	-	1010.3	+8	W'S	3	C	60	85	7	5	-	-	1500	1	*	73	59	55	-	1	5.6				
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	1010.7	+10	W'S	2	C	58	85	8	7	3	6	2500	0	*	71	54	49	-	0.3	5.1					
	Boacombe Down	417	*	*	*	*	*	*	*	*	*	*	1010.3	+10	W	3	bc	54	82	8	5	7	6	4000	1	*	69	51	47	-	0.3	3.3					
	Calshot (Stn. 1st)	8	*	*	*	*	*	*	*	*	*	*	1011.7	+8	WSW	2	C	57	85	8	7	7	-	1500	1	*	68	55	53	Tr	0.4	1.3					
	Lymington	340	1011.4	-14	E'S	3	C	61	85	7	-	7	-	1011.6	+6	WSW	2	C	59	92	7	5	7	-	800	1	§1	68	58	56	-	1	6.1				
	Manston	142	1010.2	-13	E	2	Z <sub>0</sub>	61	37	6	-	10	10	1010.4	+2	WSW	1	C	62	85	7	5	7	-	5700	1	*	73	59	58	-	3	6.3				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1010.3	+4	SW	3	C	63	85	8	7	3	7	2500	0	*	74	61	58	-	-	7.2					
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1010.0	-4	S	4	C	63	85	7	1	4	6	2500	0	2	72	60	58	-	2	7.3					
	Gorleston	5	1010.6	-8	S	4	C	61	97	6	-	10	10	1010.0	0	SE	3	C	63	92	6	-	7	-	4000	1	2	69	60	59	-	3	6.5				
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	1009.4	-2	SW	2	Z <sub>0</sub>	61	92	6	5	2	-	10	0	*	76	57	53	-	0.4	6.2					
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1008.5	-6	SW'S	2	ic	58	92	7	5	7	-	2500	0	*	72	58	57	-	Tr	7.7					
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1009.6	+6	WSW	2	bc	55	85	6	3	7	-	1500	1	*	69	54	53	-	1	5.9					
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	1010.3	+6	W'N	3	C	57	85	8	7	-	8	1500	0	*	72	54	52	Tr	0.3	*					
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1010.1	+6	SW	3	C	56	85	8	8	-	-	4000	0	*	71	52	46	-	1	5.4					
5	Hartland Point	299	1009.2	-4	W	2	bc	57	85	3	4	-	2-3	1500	1009.3	+6	W	4	pr	56	85	8	6	7	-	800	1	4	63	55	51	8	1	0.0			
	Bristol	209	*	*	*	*	*	*	*	*	*	*	1010.4	+6	SW	2	bc	57	85	8	9	-	-	1500	1	*	69	52	45	-	3	3.3					
	Portland Bill	32	1010.0	-8	WSW	2	C	58	92	8	5	-	7-8	2500	1011.0	+16	W	3	C	57	85	7	5	4	-	2500	1	3	64	56	*	Tr	3	*			
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	1011.2	+8	WSW	1	bc	55	85	8	1	7	-	2500	1	2	63	51	44	12	0.5	0.2					
	The Lizard	240	1010.3	0	WSW	2	bc	54	92	8	4	-	4-6	2500	1010.3	+6	W'S	2	bc	56	85	8	8	-	-	2500	0	1	62	52	*	Tr	0.8				
	Scilly (St. Mary's)	163	1010.8	-2	SWW	3	C	56	85	8	5	4	-	4-6	2500	1011.0	+6	W'S	3	bc	57	85	8	6	3	-	2500	0	2	63	53	*	Tr	2.8			
	Guernsey	175	1011.8	-4	WSW	1	bc	57	92	3	-	3	-	1012.3	+6	W	1	bc	58	85	8	2	3	-	2500	0	1	63	55	51	Tr	-	6.3				
6	Pembroke	142	1009.3	0	SWW	3	pr	56	85	7	8	-	4-6	2500	1009.5	+2	SW	2	C	58	85	8	5	7	-	2500	1	2	60	54	*	Tr	3	0.1			
7	Holyhead	26	1007.1	-10	SW'S	3	C	55	92	7	5	4	-	7-8	2500	1007.2	+4	WSW	3	pr	55	92	8	8	8	-	2500	1	1	63	54	51	Tr	2	5.2		
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1008.2	+2	S	2	Z <sub>0</sub>	57	75	6	5	4	-	7200	1	*	68	55	53	2	1	0.5					
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	1008.3	+6	SSW	2	C	57	85	7	8	3	-	4000	1	*	69	55	54	Tr	3	0.5					
10	Spurn Head	29	1008.3	-8	SW	3	pr	61	92	7	5	-	10	1500	1008.4	0	S'E	2	C	61	85	6	5	1	-	800	1	1	77	59	*	Tr	0.1	9.8			
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1006.7	-2	SE	2	Z <sub>0</sub>	59	92	6	8	3	-	1500	1	*	72	56	56	Tr	1	7.1					
	Tynemouth	108	1008.4	-6	W	2	C	59	85	7	8	-	3+	1500	1006.8	-2	NE	1	pr	57	85	6	5	-	1500	1	1	64	56	54	Tr	0.5	9.1				
11	St Abbs Head	280	1003.0	-8	NW	1	rr	55	85	7	3	2	-	7-8	1500	1006.1	-20	S	2	pr	54	97	8	8	6	3	1500	1	2	63	53	*	Tr	18	*		
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	1006.1	-4	-	0	pr	56	92	8	5	7	-	2500	1	*	71	54	51	-	11	9.1					
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	1005.9	-2	-	0	Z <sub>0</sub>	55	92	6	8	7	-	1500	0	*	69	53	48	-	-	11.3					
	Bakdalemuir	794	*	*	*	*	*	*	*	*	*	*	1006.1	-2	-	0	C	54	92	7	5	3	-	800	1	*	67	51	50	1	13	5.9					
	Point of Ayre	30	1007.7	-3	N'E	1	C	56	97	8	8	7	-	4-6	1500	1006.3	-4	SSW	3	bc	57	92	8	2	3	-	1500	1	1	64	53	*	-	0.6	8.2		
13a	Tree	22	*	*	*	*	*	*	*	*	*	*	1006.0	0	S	1	bc	56	92	8	5	3	1	2500	0	1	62	52	47	0.6	-	9.7					
13b	Stornoway	80	1009.0	-4	ENE	1	C	52	85	8	5	7	-	4-6	2500	*	-	0	pr	55	92	8	5	2	-	1500	1	0	64	50	*	Tr	12.3				
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	-10	SSW	2	C	53	92	8	4	2	-	2500	1	*	65	50	47	-	1	7.6					
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1005.6	-6	SE'E	2	df	53	97	3	-	-	-	1500	1	2	65	56	52	-	13	12.8					
	Wick	81	1008.1	-8	WNW	2	C	55	97	6	5	2	-	7-8	1500	1005.5	-12	SE	2	rr	55	97	5	-	-	800	1	1	63	54	*	-	3	*			
16	Lerwick	156	1010.2	-2	SSW	3	C	55	97	8	5	2	-	7-8	800	1009.6	-8	SE	3	0	55	97	6	5	-	10	10	0	59	52	*	-	-	*			
17	Blacksod Point	18	1005.3	-10	S	3	bc	56	85	8	4	-	4-6	1500	1004.8	-4	S	4	bc	58	92	8	3	-	-	800	0	2	62	54	*	Tr	0.3	*			
18	Malin Head	84	1006.7	-6	E	1	bc	55	92	8	4	5	-	2-3	5700	1005.5	+2	S'W	2	bc	56	85	8	7	8	-	5700	0	1	61	51	*	-	-	6.7		
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	1006.1	+2	WSW	3	pr	55	92	8	5	9	8	4000	1	*	68	48	44	-	0.1	10.1					
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	1007.5	+2	SE	1	bc	51	97	8	5	-	-	2500	1	*	66	46	35	0.1	4	7.7					
20	Valentia Obay.	30	1010.7	-6	SSW	2	C	55	92	8	8	-	7-8	1500	1007.4	-2	SSW	4	bc	55	85	8	8	-	-	1500	1	2	62	53	49	Tr	4	5.3			
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	1003.7	0	S	2	bc	54	97	6	3	-	5	2500	1	2	64	51	*	Tr	Tr	*					

LONDON OBSERVATIONS										EXPLANATION OF FIGURES, LETTERS, etc.		
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## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 27th July, 1938.  
No. 28006.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 26th July														OBSERVATIONS at 18h. G.M.T. 26th July														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					State of ground.	Sea.	WEATHER.					
				Dir.	Force					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Low					Med.	High	Low 0-10	Total 0-10	Height of Base (feet)			State of ground.	0-9	7h.-13h. 26th.	13h.-18h. 26th.	18h. 26th to 1h. 27th.	1h.-7h. 27th.
(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)		
(For heights see p. 4.)																																			
1	London (Kew)	1011.7	+6	WSW	3	c	71	45	8	8	-	7	4-6	9+	2500	1012.6	+12	SSW	4	c	70	45	8	8	-	7-8	7-8	2500	0	*	sy	cby	bcyb	bwbc	
	Croydon	1011.4	+4	SW	2	c	68	55	8	4	7	8	4-6	9+	4000	1012.3	+6	SW	4	bc	68	65	8	4	6	-	4-6	4-6	4000	0	*	crcby	crcby	bw	bwc
	S. Farnborough	1011.4	+6	SSW	3	c	70	45	8	1	1	6	2-3	9	4000	1013.2	+14	SW	5	bc	67	55	8	8	3	8	2-3	4-6	4000	0	*	idabcy	cby	bcybw	bwm, bc
	Boscombe Down	1011.8	+6	WS	3	e	68	45	8	2	6	1	4-6	7-8	2500	1013.7	+14	SWW	4	c	63	65	9	2	-	3	4-6	7-8	2500	0	*	bcbcy	bcybe	bcb	bbrac
	Calshot (Stmntn.)	1013.1	+10	SW	5	bc	68	55	8	2	7	6	2-3	4-6	4000	1014.4	+8	SW	4	b	65	65	8	3	8	3	1	1	2500	0	2	bc	b	baw	bc
	Lymington	1012.4	+8	SWW	3	c	64	75	9	5	2	-	7-8	10	5700	1014.9	+12	SW	3	bc	62	75	9	5	8	-	2-3	4-6	4000	0	3	c	cir, bc	bw	bwbc
	Manston	1011.4	+6	WSW	2	c	67	65	8	5	7	-	7-8	9+	2500	1013.0	+2	SSW	3	c	63	75	8	8	6	6	2-3	7-8	4000	1	*	c	crcpro	ba	bwbc
2	Shoeburyness	1011.6	+8	SSW	3	c/r	68	55	7	7	6	-	7-8	7-8	4000	1012.2	+2	SW	2	bc	67	55	8	2	-	-	4-6	4-6	4000	1	*	cy	cprbc	bcyb	bwbc
	Felixstowe	1010.9	+8	W	2	c	69	65	8	7	1	8	4-6	10	4000	1011.9	+4	S	4	c	67	65	8	8	3	-	4-6	7-8	2500	0	3	c	crcbev	bawb	bwb
	Gorleston	1010.1	+8	WNW	2	c	68	75	6	7	-	-	9+	9+	2500	1012.4	+10	-	0	c	68	55	6	5	-	-	9	9	2500	1	2	c	cprc	cbe	bc
	Mildenhall	1010.3	+4	WSW	3	c	71	45	9	1	-	8	2-3	9	4000	1011.4	+8	WSW	2	c	69	45	8	2	3	-	1	9	4000	0	*	ccy	c	bbe	b
	Cranwell	1009.4	+4	W	3	c	69	45	7	8	-	6	4-6	7-8	4000	1010.9	+12	WSW	2	c	65	55	8	8	7	-	4-6	7-8	2500	0	*	crc, bcc	cybcy	cybcb	bbrwm, b
3	Birmingham	1009.9	+4	WSW	3	bc	67	45	8	7	7	-	4-6	4-6	2500	1011.4	+10	W	3	bc	66	55	8	2	4	-	4-6	4-6	4000	1	*	bc	bc	bcb	b, c
	Upper Heyford	1011.0	+6	W	4	c	67	55	8	7	7	8	7-8	9	4000	1012.0	+10	W	4	bc	68	45	9	2	7	5	2-3	4-6	4000	0	*	crcyey	cybcy	bcb	bbrac, m
4	Ross-on-Wye	1010.9	+8	SW	3	bc	66	55	8	8	-	-	4-6	4-6	4000	1012.3	+8	SW	3	bc	66	55	9	2	-	3	1	2-3	4000	0	*	crc	bcyby	bvb	bbe
5	Harland Point	1011.6	+8	W	4	bc	60	85	9	8	6	-	2-3	4-6	1500	1012.6	+8	W	3	bc	61	75	9	8	4	-	2-3	4-6	1500	0	2	bc	bc	bcp	bcc
	Bristol	1011.9	+6	WS	3	c	65	65	9	8	3	-	7-8	7-8	2500	1013.3	+12	WSW	3	pr	63	75	9	8	1	-	2-3	7-8	2500	0	3	bcv	cbrccp	bcb	bbrw
	Portland Bill	1012.8	+8	WSW	3	bc	62	85	8	1	-	-	4-6	4-6	2500	1014.3	+6	WSW	3	bc	60	85	8	1	-	-	2-3	2-3	2500	1	3	cbe	bc	bcb	bcc
	Plymouth	1012.7	+8	SW	3	bc	64	75	8	8	3	3	2-3	4-6	2500	1013.9	+8	SW	3	bc	62	75	8	8	-	-	2-3	2-3	2500	0	1	bcbbc	bcb	b, c, r	bcc
	The Lizard	1012.8	+10	SW	3	bc	62	75	8	8	6	-	4-6	4-6	2500	1013.6	+2	SSW	3	bc	61	75	8	2	6	-	2-3	4-6	2500	0	1	bc	bc	bcb	bccc
	Scilly (St. Mary's)	1012.4	+10	WSW	3	bc	64	75	8	8	6	-	4-6	4-6	2500	1012.8	0	SWW	3	c	60	85	8	8	7	-	4-6	7-8	1500	1	2	bccbc	bcep	cbe	bcp
	Guernsey	1014.1	+14	W	2	b	65	55	9	1	1	-	Tr	1	2500	1015.3	+6	W	2	b	64	65	9	2	-	-	1	1	2500	0	1	bcb	b	bw	bwbcc
6	Pembroke	1011.5	+2	SW	3	bc	61	85	8	1	-	-	4-6	4-6	4000	1012.1	+2	SW	4	bc	60	85	8	1	-	-	2-3	2-3	4000	1	2	cbe	bcp	cprbc	bccq
7	Holyhead	1009.2	+10	SWW	4	b	61	85	9	2	4	-	1	1	2500	1010.2	+10	SW	4	b	60	75	9	3	8	-	1	1	4000	1	2	cbbcb	b	bw	b, c
	Chester (Sealand)	1009.5	+8	WSW	3	bc	69	45	9	8	-	-	4-6	4-6	2500	1010.8	+10	SSW	3	bc	66	45	8	8	-	-	2-3	2-3	2500	0	*	bcray	boby	bbe	bbrwm, m
8	Manchester	1009.4	+8	WS	3	c	65	65	8	8	3	-	4-6	7-8	4000	1010.7	+10	WSW	3	bc	67	55	8	8	3	-	4-6	4-6	2500	1	*	bc, c	bcy	bcyw	bbrwm
10	Spurn Head	1009.0	+2	WS	3	c	72	45	7	7	6	1	4-6	7-8	4000	1010.1	+12	WS	2	bc	69	65	7	7	6	1	4-6	4-6	4000	0	1	c	c	cbe	bbe
	Catterick	1008.1	+6	WSW	4	bc	65	55	8	8	3	-	4-6	4-6	4000	1009.9	+14	WS	3	bc	64	55	9	1	4	-	2-3	2-3	4000	0	*	crcby	bcy	bcbw	bbrwm
	Tynemouth	1006.5	+4	WSW	4	bc	67	55	6	2	-	-	4-6	4-6	1500	1008.5	+12	W	4	bc	66	45	7	2	-	-	4-6	4-6	2500	0	1	crcby	bcy	bcb	bbe
11	St. Abbs Head	1006.1	+4	SW	3	c	62	75	9	8	6	-	4-6	7-8	2500	1007.5	+8	SW	3	pr	60	65	9	6	6	9	4-6	7-8	1500	1	2	c	cpr	prb	bbrw
	Leuchars	1006.0	+4	SSW	2	c/pr	61	75	7	9	7	-	7-8	9+	1500	1006.9	+10	W	1	c/r	58	85	8	9	3	3	7-8	7-8	1500	1	*	bccpr	pr, rhr	cbrw	bbrw
12	Renfrew (L. boats L.)	1006.0	+2	WSW	3	bc	65	55	9	2	7	-	4-6	4-6	4000	1007.4	+14	SWW	4	bc	63	65	9	3	6	3	2-3	2-3	4000	0	*	cbrpr	bc	bcc	bbrw
	Eskdalemuir	1006.0	+2	SW	4	c	61	65	8	8	-	-	7-8	7-8	2500	1008.7	+14	SSW	4	bc	58	75	8	8	-	-	2-3	2-3	2500	1	*	crc, rhr, bcc	bccpr, rhr	bcc	crrw
	Point of Ayre	1008.1	+12	WN	4	bc	67	65	8	2	4	-	2-3	2-3	2500	1009.5	+8	SWW	4	bc	64	75	8	2	3	-	2-3	4-6	1500	0	2	bccbc	bc	bcb	cbrw
13	Tiree	1006.1	+6	WSW	4	bc	60	75	8	7	3	1	2-3	2-3	2500	1005.1	+2	SSE	2	bc	60	85	9	7	3	-	4-6	4-6	2500	0	2	bc	bc	bbrw	c
13	Stornoway	1006.1	+6	SSE	4	bc	59	85	8	5	5	2	2-3	4-6	2500	1006.1	0	-	0	c	61	75	8	8	7	3	4-6	7-8	2500	1	0	cbe	bccpr	cpr	cpr
15	Dalwhinnie	1005.6	+2	W	2	c	61	65	8	4	6	-	4-6	10	2500	1007.3	+12	-	0	bc	55	85	8	4	5	-	2-3	4-6</							



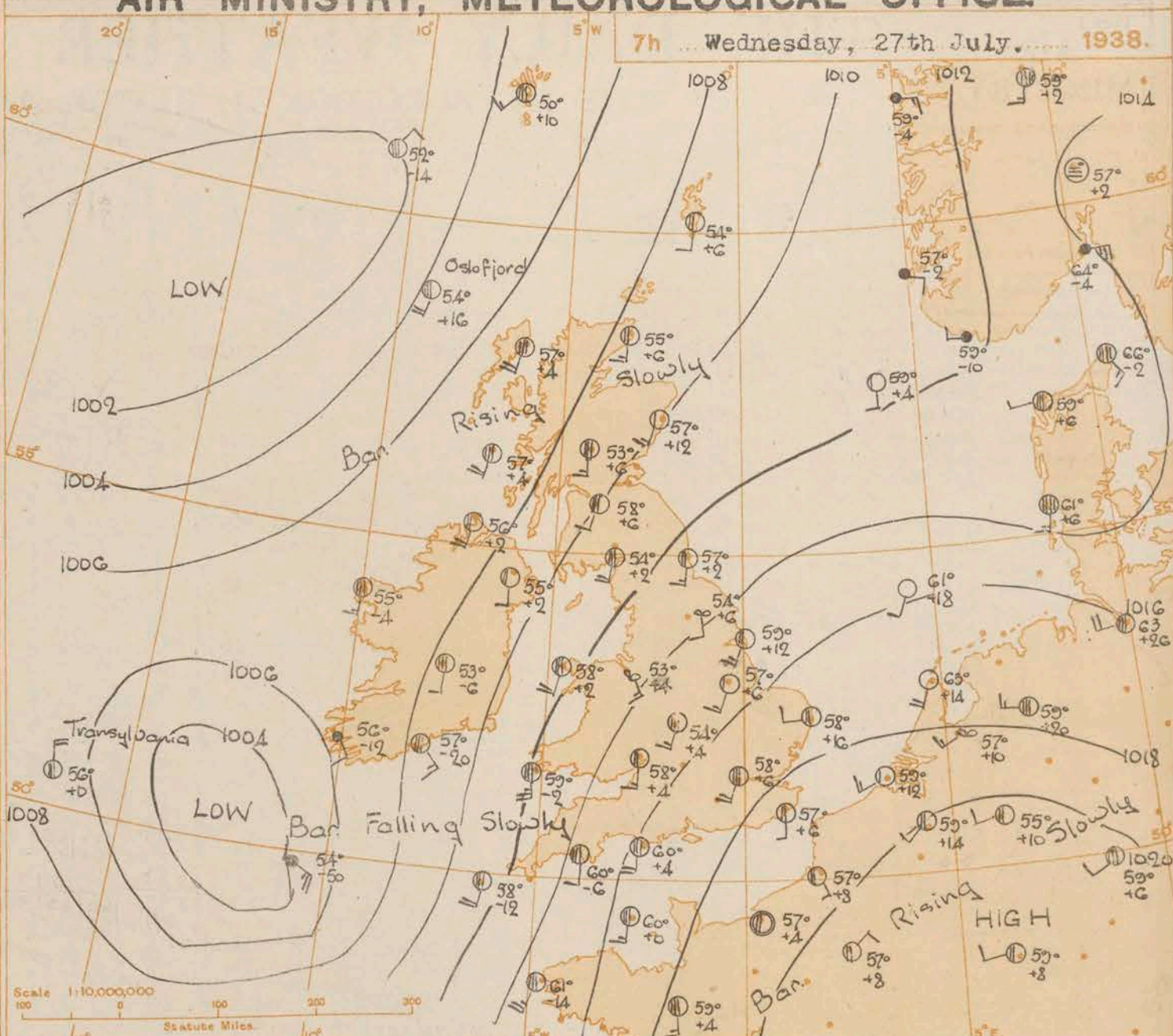
# REPORTS from HEALTH RESORTS for 26th July 1938.

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 27th July, 1938.

DISTRICTS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. 9h. 25h.	Max. 9h. 17h.	Night. 17h. 25h.	Day. 9h. 17h.	Sunrise to 17h.	Sunset to 25h.
1 Tunbridge W.	cop	ocb	57	70	0.5	Trace	3.8	7.0
Bournemouth	b	b	53	70	-	-	9.7	4.5
Ventnor	pob	b	56	64	0.3	-	8.4	2.8
Southsea	beb	b	57	71	-	-	9.0	1.7
Bognor Regis	bc	beb	58	66	-	-	7.7	6.0
Littlehampton	bc	bc	59	66	0.2	-	6.2	6.1
Worthing	hbbc	beb	59	67	0.3	-	5.9	6.2
Brighton	cbe	cb	60	65	1	-	4.5	6.6
Eastbourne	co	ocb	59	66	1	0.3	3.0	5.6
Hastings	coep	ocb	58	67	1	1	2.2	5.5
Folkestone	vcc	ccc	59	66	4	1	0.6	5.9
Dover	o	orobc	60	65	3	0.5	0.3	6.5
Deal	cooc	coirc	60	68	6	0.5	0.6	6.6
Ramsgate	c	orbc	61	67	3	1	1.3	7.7
Margate	c	rbc	60	66	2	1	1.4	7.1
2 Southend	oc	cbcb	61	72	0.3	-	2.9	6.9
Clacton-on-Sea	cbcc	ccc	61	70	2	Trace	1.1	7.9
Dovercourt	bcc	bcc	61	70	1	-	2.3	8.1
Lowestoft	cbcc	ccc	60	72	5	Trace	2.4	9.3
Skegness	bc	beb	60	72	Trace	-	5.0	9.1
Mablethorpe	bbcb	bcy	57	72	0.3	-	5.4	9.2
Cleethorpes	cbcb	bcb	59	72	Trace	-	6.2	9.8
3 Leamington S.	bc	cbc	54	70	0.6	-	9.2	2.7
Cheltenham	bc	beb	53	70	0.5	-	9.7	5.5
5 Bath	bcc	cbcc	55	68	2	-	6.7	2.8
Weymouth	b	b	55	66	4	-	10.8	6.8
Jersey	rebc	bc	58	71	1	-	9.6	6.3
Torquay	wbcvb	bv	50	67	7	-	11.8	1.6
Falmouth	b	b	51	66	-	-	10.8	0.8
Penzance	bcbcb	b	50	67	-	-	11.1	1.1
St. Ives	b	b	53	66	-	-	9.9	1.1
Bude	cbc	bcb	51	64	0.3	-	8.4	0.0
Ilfracombe	orc	bc	53	65	2	-	8.7	0.8
6 Aberystwyth	prbc	bcc	54	64	9	-	8.5	0.0
7 Llandudno	bc	beb	51	66	12	-	11.1	0.0
Colwyn Bay	bcbcb	bcbcb	52	67	5	-	7.9	0.0
Rhyl	bc	bcb	52	68	9	-	11.2	0.1
8 Wallasey	bcbcb	bc	54	68	6	-	9.9	0.2
Southport	bcbv	bv	54	66	10	-	10.0	1.2
Blackpool	cbc	b	56	64	16	-	9.3	0.7
Morecambe	bcb	b	56	64	26	-	10.2	2.0
9 Ilkley	cb	b	56	69	1	-	7.2	3.6
Harrogate	cpc	bc	55	65	1	-	7.9	4.3
10 Berwick-on-T.	cRrc	bcp	54	67	24	6	5.6	6.6
11 Dunbar	cpr	cpr	53	65	12	4	5.2	6.4
12 Troon	pbcbe	bcbcb	53	63	Trace	-	6.3	10.9
Douglas	b	bc	54	63	-	-	8.1	7.9

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.



Scale 1:10,000,000  
100 200 300  
Statute Miles

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 Eastern France will move east, whilst a depression just off Southwest Ireland will move northeast across the British Isles. Rain will spread from the southwest to all districts followed by improving conditions from the west.

## FURTHER OUTLOOK.

Continuing unsettled generally.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th July, 1938.
1 S.E. England	Wind southeast to south, veering southwest tomorrow, moderate or fresh; fair at first; cloudy, occasional rain this evening and tomorrow; rather warm and close.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind southeast to south, veering southwest, fresh to moderate; dull; rainy; coastal and hill fog; bright periods and showers tomorrow; close, then cooler.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	Wind variable to southerly, light to moderate; fair at first becoming dull and rainy; average temperature.
10 N.E. England	
11 S.E. Scotland	Wind south moderate, becoming easterly to variable, light; fine today; dull, rainy tomorrow; rather warm today.
12 S.W. Scotland & Isle of Man.	As 9 - 10.
13 { A.W. Scotland. B.N.W. Scotland.	As 11.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind southeast light, finally northwest; cloudy or dull; occasional rain; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	Wind variable light, freshening from west; dull, rainy at first; bright periods and showers later; close then cooler.
20 S.W. Ireland	

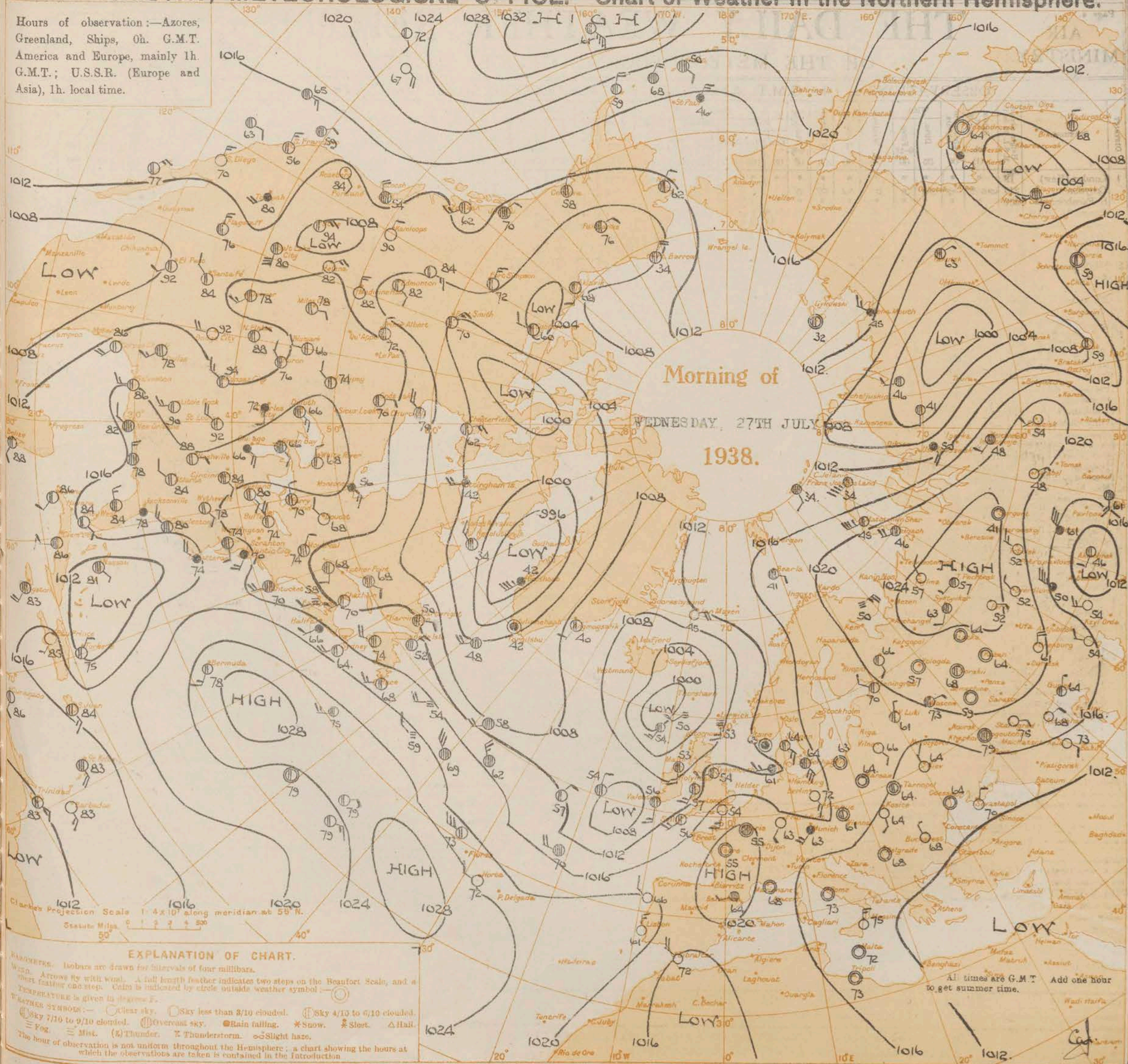
Forecasts issued at 1000 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.  
Director.



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

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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 27th July 1938.  
No. 28006.

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. (2)	Wind. Direc. (3)	Force (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Force (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine 26th Hrs. (36)	
											Form.			Amount.										Height of Base (feet) (28)	Form.			Amount.			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)										Low (23)	Med. (24)	High (25)	Low 0-10 (26)									Total 0-10 (27)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1017.9	+4	S	3	C	61	85	8	5	-	-	7-8	7-8	1500	0	*	72	52	43	-	-	5.5		
	Croydon	217	1016.9	+12	SW	3	b	54	97	8	-	-	-	0	1017.8	+6	SW	4	C	58	92	8	5	4	-	4-6	7-8	800	0	*	72	53	49	Tr	-	5.9	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	*	1017.2	+6	SSW	3	C	59	92	7	7	-	-	7-8	7-8	1500	0	*	72	50	41	Tr	-	7.8	
	Boacombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1016.4	+4	SW	4	C	57	97	7	8	3	-	7-8	7-8	800	1	*	68	48	47	-	-	10.3	
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	*	1017.6	+6	SW	4	C	61	88	8	7	5	-	7-8	7-8	2500	0	2	69	56	53	-	-	11.3	
	Lympe	346	1018.2	+16	SWW	3	b	52	97	8	-	-	-	0	1019.3	+6	S	1	bc	57	92	8	7	-	-	4-6	4-6	1500	0	2	65	51	46	1	1	2.7	
	Manston	142	1016.9	+4	WSW	3	b	54	92	8	-	-	-	0	1018.6	+8	SW	3	C	59	85	8	5	-	-	6	2-3	7-8	2500	1	*	68	51	48	1	-	3.3
2	Shoebury Ness	11	*	*	*	*	*	*	*	*	*	*	*	1018.2	+6	SW	3	bc	60	85	8	7	-	-	4	2-3	4-6	1500	0	*	69	55	50	0.2	-	3.7	
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1018.0	+18	SWW	2	b	58	85	7	1	4	1	Tr	Tr	4000	0	2	70	54	51	Tr	-	2.9		
	Gorleston	5	1015.0	+14	W	3	bc	58	85	7	4	-	-	2-3	1017.4	+16	WSW	2	bc	58	85	7	-	4	-	0	2-3	-	0	2	70	53	52	Tr	-	1.8	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1017.1	+10	SW	3	bc	56	85	8	5	-	-	3	Tr	2-3	4000	0	*	73	46	41	-	-	3.4	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1015.4	+6	SW	3	b	57	85	7	1	-	-	1	Tr	1	2500	1	*	71	48	43	0.2	Tr	8.3	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1015.0	+4	SSW	3	C	54	92	7	5	-	-	9	9	1500	0	*	69	50	46	-	-	11.0		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1015.8	-4	S	3	Z	56	92	6	5	3	5	7-8	7-8	800	0	*	72	48	42	-	-	*		
4	Ross-on-Wye	222	*	*	*	*	*	*	*	*	*	*	*	1015.1	+4	S	3	bc	58	85	8	1	-	-	1	2-3	2-3	4000	0	*	69	52	44	-	-	11.4	
5	Hartland Point	299	1013.4	-4	WSW	5	bc	57	92	8	9	-	-	4-6	1012.9	-4	S	4	C	58	92	8	8	3	-	2-3	9	800	0	3	62	53	50	0.1	0.1	12.3	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1015.7	+2	S	2	bc	57	85	8	8	3	1	4-6	4-6	1500	0	3	68	53	49	Tr	-	8.2		
	Portland Bill	32	1015.9	+4	SW	3	bc	59	92	8	5	-	-	2-3	1016.0	+4	S	4	C	60	85	8	5	4	-	7-8	10	2500	1	3	63	57	*	-	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1014.1	-6	S	2	C	60	92	7	8	3	1	7-8	9	1500	1	2	64	56	49	-	-	13.7		
	The Lizard	240	1015.1	0	SW	2	b	56	92	8	-	-	-	0	1015.6	-6	SE	4	C	58	97	6	8	2	-	7-8	9	1500	0	2	65	55	*	-	-	13.2	
	Scilly (St. Mary's)	163	1014.0	-4	SW	3	bc	56	92	8	8	-	-	2-3	1011.4	-12	SW	4	C	58	85	8	8	7	-	7-8	10	1500	1	2	65	56	*	1	1	13.1	
	Guernsey	175	1017.6	0	SW	1	b	57	92	9	-	-	-	0	1017.1	0	S	3	C	60	85	9	-	3	-	0	7-8	-	0	2	67	56	52	-	-	12.7	
6	Pembroke	142	1012.5	0	SWW	4	bc	58	85	8	5	-	-	2-3	1012.3	-2	SE	5	C	59	85	8	8	2	-	4-6	9	2500	1	2	62	56	*	Tr	0.2	11.0	
7	Holyhead	26	1011.5	+4	SSW	3	bc	57	92	8	8	-	-	2-3	1011.4	+2	SSW	4	C	58	85	8	2	-	-	1	9	2500	1	1	62	55	53	-	-	12.5	
	Chester (Sealand)	18	*	*	*	*	*	*	*	*	*	*	*	1013.4	+4	SE	3	Z	53	85	6	5	1	-	7-8	9	4000	0	*	69	49	45	-	-	12.4		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1014.0	+2	SE	3	Z	55	85	6	7	3	2	4-6	9	4000	0	*	67	49	49	-	-	5.6		
10	Spurn Head	29	1013.8	+10	W'S	3	b	57	75	7	-	-	-	0	1015.2	+12	SW	3	bc	59	75	7	-	-	2	0	4-6	-	0	1	74	55	*	-	-	6.7	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1013.8	+6	SE	2	Z	54	85	6	1	4	6	Tr	4-6	4000	0	*	67	45	41	-	-	*		
	Tynemouth	108	1012.2	+8	WSW	2	bc	54	85	7	5	-	-	2-3	1012.6	+2	S	3	bc	57	75	6	8	4	8	2-3	4-6	2500	0	1	69	52	46	-	-	7.6	
11	St Abbs Head	280	1010.5	+8	WSW	5	b	53	85	8	-	-	-	0	1010.2	+4	SW	5	C	55	85	9	4	3	-	4-6	7-8	2500	0	3	67	51	*	2	0.3	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1010.6	+6	SW	1	C	56	85	7	8	7	6	1	9	2500	1	*	65	47	39	5	-	4.1		
12	Rentrev (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1009.8	+6	SW	2	C	58	85	8	8	-	-	9	9	1500	0	*	68	55	52	Tr	-	7.8		
	Esdaletunir	794	*	*	*	*	*	*	*	*	*	*	*	1011.2	+2	SSW	4	C	54	92	7	5	1	-	9	9	800	1	*	62	51	47	6	5	5.7		
	Point of Ayre	30	1010.8	+10	SWW	4	b	55	92	8	4	-	-	Tr	1011.0	+2	SW'S	3	bc	59	85	7	2	-	-	1	2-3	1500	1	2	70	53	*	-	-	9.9	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1007.3	+4	SSW	4	C	57	85	7	5	-	-	7-8	7-8	1500	0	3	62	50	47	-	-	10.2		
13B	Stornoway	80	*	*	*	*	*	*	*	*	*	*	*	*	+4	SSW	4	C	57	85	8	8	4	-	-	2-3	7-8	2500	1	2	62	54	*	2	0.1	7.6	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1009.3	+6	S	3	C	53	85	7	6	2	-	-	4-6	10	2500	0	*	65	46	37	0.4	-	5.4	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1010.4	+12	SSW	3	b	57	75	7	1	4	6	Tr	1	1500	1	1	65	48	42	0.1	-	8.1		
	Wick	81	1007.1	+4	SSW	3	bc	53	92	8	5	4	-	2-3	1008.1	+6	S	3	bc	53	92	7	5	6	-	1	2-3	2500	1	1	60	51	*	2	4	*	
16	Lerwick	156	1007.8	+10	S	3	F	53	97	1	-	-	-	10	1009.2	+6	S	2	bc	54	92	8	5	3	-	2-3	4-6	2500	0	*	58	51	*	1	-	0.0	
17	Blackod Point	18	1006.9	+6	S	4	bc	56	92	8	3	-	-	4-6	1006.2	-4	S	3	C	55	97	8	3	-	-	9	9	800	1	2	62	54	*	0.5	1	*	
18	Malin Head	84	1007.1	+10	S	3	C	53	92	7	4	7	-	2-3	1006.4	+2	SW	4	bc	56	85	8	8	5	-	4-6	4-6	2500	1	2	64	52	*	7	2	6.5	
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1009.4	+2	S	2	bc	55	85	8	5	7	1	1												



## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 28th July, 1938.

No. 28007

District.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 27th July													OBSERVATIONS at 18h. G.M.T. 27th July													PAST 24 HOURS.									
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Height of Base (feet)	State of Ground.	Sea. 0-2	WEATHER.									
									Form.			Amount.									Low 0-10	Total 0-10	Form.					Amount.		Low 0-10	Total 0-10	Weather.					
									Low	Med.	High	Low 0-10											Total 0-10	Low				Med.	High			Low 0-10	Total 0-10	7h.—18h. 27th.	18h.—18h. 27th.	18h. 27th to 1h. 28th.	1h.—7h. 28th.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
1	London (Kew)	1016.2	-10	S	5	bc	73	45	8	7	7	4	4-6	4-6	2500	1013.3	-18	SE	3	c	67	55	8	5	2	-	7-8	10	2500	0	*	bccbcy	bcy	bcy	bcy		
	Croydon	1016.5	-8	S	5	bc	69	55	8	2	3	5	2-3	4-6	4000	1014.1	-14	SE	3	c	66	65	9	-	7	-	0	3+	-	0	*	bcc	bcc	bcc	bcc		
	S. Farnborough	1015.5	-10	S	4	c	65	45	8	2	7	-	4-6	3	4000	1012.5	-22	SSE	3	c/r	65	55	7	3	7	-	4-6	10	1500	0	*	bcc	bcc	bcc	bcc		
	Boscombe Down	1014.6	-10	S	6	c	65	65	8	3	2	-	4-6	3+	2500	1011.7	-18	S	6	rr	60	85	6	6	2	-	7-8	10	800	1	*	bcc	bcc	bcc	bcc		
	Calshot (Stmntn.)	1016.3	-8	SSE	5	c	65	75	8	2	7	-	2-3	3	2500	1013.5	-26	SE	5	ir	64	75	7	5	7	-	4-6	10	1500	1	3	bcc	bcc	bcc	bcc		
	Lymington	1018.5	-10	SE	2	bc	65	75	9	2	8	4	1	4-6	2500	1016.3	-12	S	1	c	63	65	9	4	7	-	7	3+	4000	0	3	bcc	bcc	bcc	bcc		
	Manston	1016.0	-8	SSE	4	bc	70	55	9	2	-	6	2-3	4-6	2500	1015.7	-10	SE	2	c	62	85	8	-	7	-	0	3+	-	0	*	bcc	bcc	bcc	bcc		
2	Shoeburyness	1017.2	-12	S	3	c	63	55	8	1	-	8	4-6	3+	4000	1014.8	-10	S	4	c	67	55	8	-	7	-	0	3+	-	0	*	bcc	bcc	bcc	bcc		
	Felixstowe	1017.4	-6	SSE	4	bc	66	75	5	7	3	8	1	4-6	2500	1015.4	-12	SE	4	c	65	75	8	5	7	-	4-6	3+	4000	0	3	bcc	bcc	bcc	bcc		
	Gorleston	1017.7	-4	SE	6	bc	65	65	7	1	4	-	2-3	4-6	4000	1014.8	-10	SSE	5	bc	65	75	7	1	3	-	2-3	4-6	2500	0	3	bcc	bcc	bcc	bcc		
	Mildenhall	1015.2	-16	SE	4	c	72	45	8	2	-	6	4-6	3+	4000	1015.0	-14	SE	5	c	70	45	8	1	7	8	7	3+	4000	0	*	bcc	bcc	bcc	bcc		
	Cranwell	1013.8	-18	S	4	c	70	45	8	6	4	-	7-8	3	1500	1011.6	-18	S	4	c	65	55	8	7	1	-	4-6	3+	1500	0	*	bcc	bcc	bcc	bcc		
3	Birmingham	1014.0	-8	SW	4	c/r	59	32	7	5	-	-	10	10	1500	1003.8	-22	S	4	c/r	61	75	7	3	2	-	7-8	10	1500	1	*	bcc	bcc	bcc	bcc		
	Upper Heyford	1014.2	-10	S	4	c/r	63	55	3	7	3	-	7-8	3	2500	1012.4	-10	SSE	4	c	64	65	8	5	7	-	7-8	10	2500	0	*	bcc	bcc	bcc	bcc		
	Ross-on-Wye	1012.1	-16	S	4	c	65	65	8	3	7	-	7-8	3+	2500	1008.5	-20	SE	4	id	58	32	6	5	7	-	7	10	800	1	*	bcc	bcc	bcc	bcc		
5	Hartland Point	1008.3	-26	S	6	c	62	85	8	6	2	-	7-8	10	800	1004.7	-6	WSW	7	ir	58	85	7	8	4	-	7-8	3	800	1	4	bcc	bcc	bcc	bcc		
	Bristol	1013.4	-14	SSE	4	c	62	75	8	6	7	-	4-6	10	1500	1003.5	-12	S	4	ir	59	32	8	6	2	-	7-8	10	1500	1	*	bcc	bcc	bcc	bcc		
	Portland Bill	1014.2	-8	S	4	c	61	32	7	5	7	-	7-8	10	2500	1010.4	-20	S	6	rr	59	32	7	5	7	-	7-8	10	1500	1	4	bcc	bcc	bcc	bcc		
	Plymouth	1011.6	-14	S	4	c	61	85	8	6	-	-	10	10	1500	1008.4	-10	SW	7	c/r	58	37	6	6	2	-	7-8	10	450	1	5	bcc	bcc	bcc	bcc		
	The Lizard	1008.3	-20	S	7	c	58	32	5	3	2	-	3	10	800	1003.1	+10	WSW	5	bc	59	85	8	8	4	-	4-6	4-6	2500	1	3	bcc	bcc	bcc	bcc		
	Scilly (St. Mary's)	1005.2	-32	SSE	6	c/r	59	37	6	5	-	-	10	10	1500	1003.3	+13	W	6	c/r	58	85	8	8	6	-	4-6	7-8	1500	1	4	bcc	bcc	bcc	bcc		
	Guernsey	1016.1	-8	SE	4	c	67	65	8	5	3	-	7-8	10	2500	1012.3	-14	SE	4	rr	61	32	6	5	-	-	10	10	1500	1	3	bcc	bcc	bcc	bcc		
6	Pembroke	1006.8	-30	SSE	7	rr	58	37	6	8	-	-	10	10	1500	1002.1	-20	SSE	8	c/r	57	85	7	5	2	-	4-6	3+	1500	1	4	bcc	bcc	bcc	bcc		
7	Holyhead	1008.7	-22	S	4	rr	63	65	8	8	7	-	2-3	10	4000	1001.5	-46	SSE	7	ir	59	85	7	6	2	-	7-8	10	1500	1	3	bcc	bcc	bcc	bcc		
	Chester (Sealand)	1010.3	-22	SE	5	c	67	56	7	8	7	-	4-6	3	2500	1006.2	-32	SE	5	rr	60	75	6	6	2	-	7-8	10	2500	1	*	bcc	bcc	bcc	bcc		
	Manchester	1011.3	-16	SSE	4	c	67	56	8	8	3	-	7-8	10	2500	1008.3	-26	SE	4	rr	61	85	7	6	7	-	4-6	10	1500	1	*	bcc	bcc	bcc	bcc		
10	Spurn Head	1014.5	-4	SSE	4	c	65	75	7	8	-	2	4-6	7-8	1500	1011.6	-14	S	5	c	67	55	7	5	-	-	3+	3+	1500	0	2	bcc	bcc	bcc	bcc		
	Catterick	1012.1	-10	SSE	2	c	66	55	7	8	3	1	4-6	7-8	2500	1003.3	-18	SE	3	c	63	75	8	5	7	-	7-8	10	1500	0	*	bcc	bcc	bcc	bcc		
	Tynemouth	1012.0	-12	SSE	4	bc	65	55	6	2	6	-	4-6	4-6	2500	1010.0	-14	SSE	4	c/r	61	65	6	8	-	-	3+	3+	2500	1	1	bcc	bcc	bcc	bcc		
11	St. Abbs Head	1011.0	+6	SE	3	c	62	75	3	8	6	1	4-6	7-8	2500	1003.2	-6	SE	3	c	57	85	8	6	2	-	4-6	10	2500	0	3	bcc	bcc	bcc	bcc		
	Leuchars	1010.4	-4	SSE	3	c	62	55	8	8	7	-	7-8	3	2500	1008.8	-18	SE	3	c	61	75	8	4	7	3	7	3+	4000	1	*	bcc	bcc	bcc	bcc		
12	Reitrew (Abbott L.)	1009.6	-6	WSW	2	c/r	65	75	8	3	7	-	7-8	7-8	5700	1007.8	-12	SE	1	rr	60	85	7	6	2	-	7-8	10	1500	1	*	bcc	bcc	bcc	bcc		
	Eskdalemuir	1011.2	-2	SSE	3	pr	57	85	7	3	-	-	3+	3+	1500	1007.3	-20	SE	1	rr	57	85	7	6	2	-	7-8	10	1500	1	*	bcc	bcc	bcc	bcc		
	Point of Ayre	1010.4	-4	SE	4	c	63	85	7	8	7	6	4-6	3+	1500	1004.2	-48	SE	5	RR	58	37	6	-	2	-	10	10	800	1	3	bcc	bcc	bcc	bcc		
13A	Tiree	1007.0	0	S	4	c	60	75	8	7	1	-	4-6	3+	2500	1006.0	-8	SE	3	c	58	85	8	5	2	-	7-8	3+	1500	0	2	bcc	bcc	bcc	bcc		
13B	Stornoway	1008.5	+4	S	4	c	60	85	8	7	-	-	7-8	3	1500	1003.2	-6	SSE	3	c	61	65	8	1	4	3	1	3+	2500	1	2	bcc	bcc	bcc	bcc		
15	Dalwhinnie	1009.8	-2	S	4	c	62	55	8	4	5	-	4-6	3+	2500	1003.2	-12	S	0	c	52	32	6	6	2	-	4-6	10	2500	1	*	bcc	bcc	bcc	bcc		
	Aberdeen	1011.2	+4	S	4	b	63	75	7	8	-	1	7	1	2500	1003.3	-10	S	3	c/r	59	85	6	8	-	3	7-8	3	4000	0	2	bcc	bcc	bcc	bcc		
	Wick	1005.3	+8	S	3	c	60	8																													

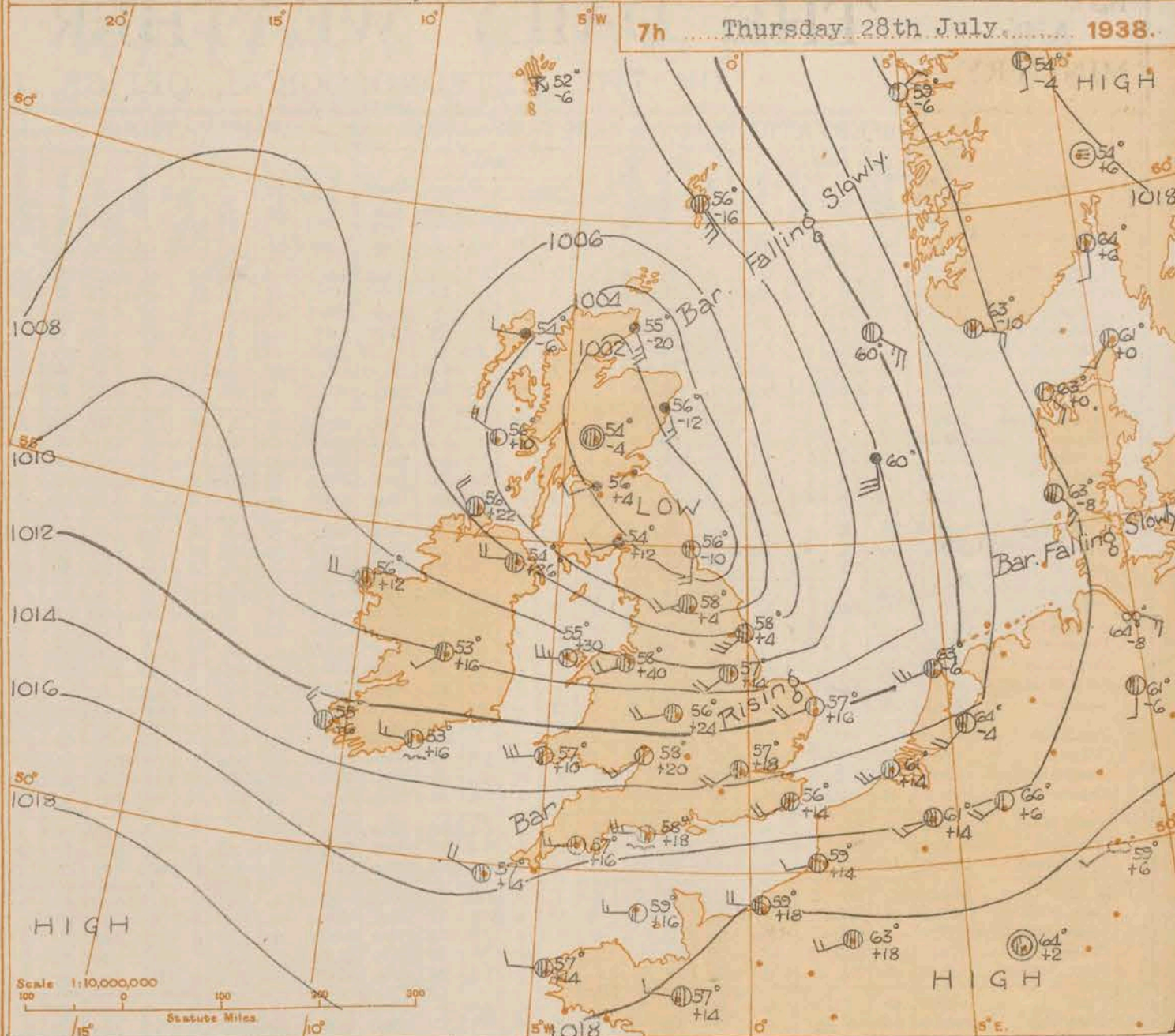


# REPORTS from HEALTH RESORTS for 27th July 1938.

# AIR MINISTRY, METEOROLOGICAL OFFICE.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
			9h. 27th.	9h. 27th.	17h. 27th.	9h. 27th.	27th.	27th.
1 Tunbridge W.	bcc	bcc	47	72	-	-	3.3	6.1
Bournemouth	c	cop.	56	67	-	0.3	1.7	11.3
Ventnor	bcco	ocou	57	71	-	-	5.7	10.3
Southsea	cbe	co	57	63	-	-	4.3	11.2
Bognor Regis	bbe	bcco	53	65	-	-	7.3	3.3
Littlehampton	bc	bcc	58	65	-	-	6.8	8.5
Worthing	b	bbee	58	63	-	-	8.8	8.2
Brighton	bcb	bbee	58	66	-	-	3.0	6.3
Eastbourne	b	bbee	57	67	-	-	3.5	5.1
Hastings	bcb	bbee	57	68	-	-	3.6	4.7
Folkestone	vbbe	bbee	53	63	-	-	3.3	2.7
Dover	b	bbee	56	68	-	-	11.1	2.6
Deal	b	bbee	54	72	-	-	11.6	1.6
Ramsgate	bc	bc	55	63	-	-	11.5	3.6
Margate	bc	bcc	54	73	-	-	11.0	3.7
2 Southend	bbe	bcc	55	75	-	-	8.7	3.3
Clacton-on-Sea	bc	bc	54	70	-	-	11.4	2.7
Dovercourt	bey	bc	54	71	-	-	10.3	3.8
Lowestoft	b	b	51	68	Trace	-	12.1	2.5
Skegness	bcb	bbe	45	73	-	-	11.0	5.5
Mablethorpe	bbe	bey	45	72	-	-	3.8	6.4
Cleethorpe	bc	bbe	50	73	-	-	8.5	7.5
3 Leamington S.	c	cb	51	68	-	0.3	3.3	11.7
Cheltenham	bccp	cb	53	67	-	1	4.6	12.1
5 Bath	cpc	cpc	52	66	0.5	2	1.3	8.4
Weymouth	cpc	cpcp	58	65	Trace	0.6	0.3	13.1
Jersey	bc	crc	53	67	-	Trace	4.5	12.0
Torquay	corp	oprd	55	62	1	4	0.7	14.3
Falmouth	corg	orrb	52	61	Trace	6	1.6	12.7
Penzance	cirgr	rrqb	50	61	2	5	2.3	12.5
St. Ives	c	c	51	66	1	13	0.4	13.6
Bude	bcc	cbobe	50	61	-	2	1.3	10.6
Ilfracombe	bcc	cbcor	54	66	-	5	0.5	11.3
6 Aberystwyth	brcbe	cpr	53	65	1	2	2.1	11.3
7 Llandudno	c	crc	53	66	1	1	2.4	13.7
Colwyn Bay	bcb	cpcp	54	65	Trace	1	3.2	10.8
Rhyl	bc	bccpr	50	63	-	0.6	4.3	14.2
8 Wallasey	bc	bccp	53	70	-	Trace	4.0	12.7
Southport	cbbc	bccp	50	70	0.1	Trace	4.0	12.8
Blackpool	c	bccp	50	63	Trace	0.3	3.3	12.2
Morecambe	bcb	bccp	53	70	-	Trace	6.0	12.7
9 Ilkley	bc	bccp	45	70	-	0.4	5.8	3.1
Harrogate	cbcc	c	47	67	-	-	6.5	10.3
10 Berwick-on-T.	bcb	bccm	51	67	-	-	7.2	8.4
11 Dunbar	bc	cm	52	68	-	-	6.3	6.7
12 Troon	bcb	bccp	56	63	Trace	2	3.3	8.2
Douglas	bc	cmr	54	61	-	2	4.4	3.8

\* Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 28th July, 1938.
1 S.E. England	Wind westerly light; mainly bright but chance of showers locally today; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	Wind westerly fresh, moderating and backing tomorrow; showers and bright intervals; rather cool.
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Wind west, moderate, backing to southwest tomorrow; mainly bright but chance of showers locally to-day; rain spreading from west tomorrow; rather cool.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scotl. land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
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 ridge of high pressure lies between a depression over East Scotland and another 600 miles west of Ireland. The whole system is moving eastwards. To-day will be mainly bright but with local showers. Tomorrow further rain will spread across the country from the west.

## FURTHER OUTLOOK.

Unsettled.

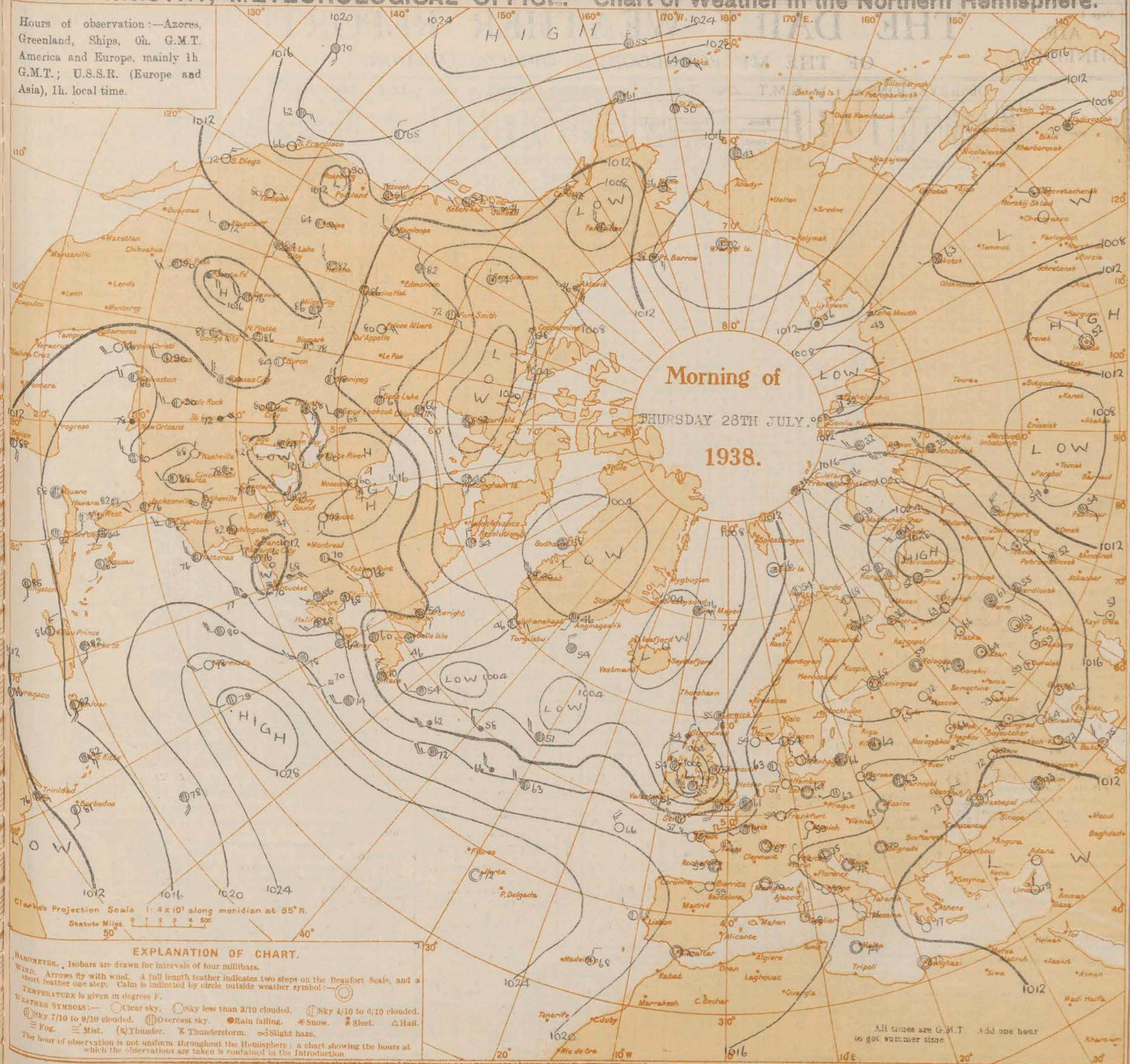
1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.,  
Director.

Forecasts issued at



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

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



## EXPLANATION OF CHART.

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

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



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 28th July, 1938.

No. 28007

OBSERVATIONS at 1 hr. G.M.T. 28th July														OBSERVATIONS at 7 hr. G.M.T. 28th July														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.		Wind.	Weather.	Temp.	Humid.	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humid.	Visib.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN- SHINE						
			Form.	Amount.						Height of Base (feet)	Form.	Amount.									Height of Base (feet)	Max. Day 7h-13h °F.	Min. Night 13h-7h °F.	Min. on Grass °F.			Day 7h-13h mm.	Night 13h-7h mm.										
			(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1014.4	+24	SW	4	c	58	75	8	5	-	2	Tr	78	1500	1	*	71	53	50	-	7	8.9			
	Croydon	217	1011.6	-12	SW	4	bc/r	57	92	8	5	-	2.3	2.3	1500	1014.0	+18	SW	4	c	57	85	8	1	-	5	1	9+	1500	1	*	71	54	50	-	8	8.6	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1014.2	+18	SWW	4	c	56	82	8	-	-	8	0	9	-	-	-	-	*	71	52	48	-	7	8.3	
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1014.6	+20	SWW	4	c	55	85	8	5	1	6	2.3	78	2500	1	*	66	51	48	0.3	7	2.9			
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	1015.4	+18	SWW	3	c	58	85	8	7	4	6	4.6	9	2500	1	2	67	55	51	-	6	3.6			
	Lympne	348	1013.4	-18	SSW	4	ir	56	97	7	5	2	-	7.8	10	1500	1015.6	+14	SWW	4	c	56	85	8	2	3	6	Tr	78	2500	1	3	69	51	49	-	7	10.4
	Manston	142	1012.7	-14	SSW	3	rr	58	97	6	5	-	-	10	10	1500	1014.4	+16	WSW	4	c	57	85	8	5	6	1	7.8	2500	1	*	72	52	50	-	3	10.7	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1014.4	+12	SW	4	c	59	85	8	1	-	5	1	7.8	1500	1	*	71	55	51	-	4	9.4			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1013.0	+10	SW	4	bc	58	85	7	1	3	6	Tr	2.3	4000	1	4	70	55	53	-	5	11.2			
	Gorleston	5	1011.6	-16	SW	5	rr	60	92	7	6	-	-	10	10	1500	1012.4	+16	SWW	4	bc	57	85	8	4	6	4.6	2500	1	2	68	56	53	-	3	11.9		
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1011.5	+14	SWW	5	b	57	85	8	4	-	4	1	1	4000	0	*	74	53	49	-	7	9.1			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1008.7	+14	SWW	4	c	57	75	8	5	7	-	7.8	10	2500	1	*	71	53	50	-	6	6.4			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1010.8	+24	WSW	4	c	56	75	7	5	5	-	4.6	7.8	1500	1	*	61	53	49	1	8	4.6			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1013.2	+24	W'S	4	c	57	85	7	1	3	6	Tr	7.8	2500	0	*	63	51	48	Tr	7	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1012.5	+20	SW	3	bc	58	75	8	1	-	9	4.6	4.6	2500	1	*	67	55	52	3	4	3.7			
5	Hartland Point	299	1010.3	+26	WNW	8	bc	57	85	8	8	-	-	4.6	4.6	1500	1014.1	+20	WNW	6	c	57	85	7	8	6	-	4.6	7.8	1500	1	4	63	56	54	3	Tr	2.2
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1013.8	+24	WSW	4	pr	57	85	8	9	-	-	7.8	7.8	1500	1	*	65	54	49	3	3	2.1			
	Portland Bill	32	1011.6	+8	W	5	bc	58	92	8	5	-	-	4.6	4.6	2500	1015.2	+18	W	5	c	58	85	7	5	7	-	7.8	9	2500	1	4	62	57	*	3	7	*
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1015.6	+16	W	3	bc	57	85	7	8	3	-	2.3	4.6	1500	1	2	62	55	53	5	-	2.2			
	The Lizard	240	1013.7	+16	W'S	4	b	55	92	8	-	-	-	0	0	-	1016.0	+12	W'S	4	c	56	92	8	8	6	-	4.6	7.8	2500	1	3	60	54	*	5	-	3.2
	Scilly (St. Mary's)	163	1013.8	+18	WNW	5	bc	57	85	8	8	-	-	2.3	2.3	1500	1015.9	+14	WNW	4	c	57	85	8	2	7	2	2.3	9+	2500	1	3	61	54	*	3	Tr	4.0
	Guernsey	175	1014.9	+16	W'S	3	b	56	92	8	-	-	-	0	0	-	1017.3	+16	W	3	bc	59	85	8	1	-	4.6	4.6	2500	1	3	68	55	52	0.6	9	4.1	
6	Pembroke	142	1008.2	+24	W'S	8	bcq	57	85	7	5	4	-	2.3	4.6	2500	1013.1	+10	W'S	6	bcq	57	85	7	7	8	-	2.3	4.6	2500	1	4	60	55	*	9	Tr	0.9
7	Holyhead	26	999.0	+20	WNW	7	c	55	92	7	5	-	-	3	3	450	1009.0	+30	W	5	bc	55	85	8	5	4	-	1	2.3	2500	1	3	63	53	51	6	1	1.8
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1009.1	+40	WSW	4	c	58	75	8	8	3	-	4.6	7.8	1500	1	*	69	55	51	0.4	2	4.4			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1007.2	+38	WSW	5	c/r	55	92	7	6	2	-	7.8	10	800	1	*	68	54	53	0.4	2	2.7			
10	Spurn Head	29	1006.5	-32	SSE	7	ir	58	92	7	5	-	-	10	10	1500	1007.1	+4	SWW	5	c	58	85	7	5	2	-	4.6	9+	1500	1	3	71	55	*	-	5	9.0
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1002.5	+4	WSW	4	c	58	85	8	6	3	-	7.8	7.8	800	1	*	68	54	53	0.1	4	6.0			
	Tynemouth	108	1004.5	-30	SSE	4	o/r	57	85	7	6	-	-	10	10	800	1000.7	-10	S	4	c	56	85	6	8	-	-	9+	9+	1500	1	2	67	55	52	-	3	9.1
11	St. Abbs Head	280	1003.8	-20	SE	4	RR	54	97	6	5	2	-	7.8	10	1500	1000.9	-6	SSE	3	ld.	55	97	7	3	2	-	7.8	10	1500	1	3	68	53	*	0.3	8	*
	Leuchars	38	*	*	*	*	*	*	*	*	*	*	*	1001.3	-4	SE	1	c	56	97	8	5	7	-	4.6	9+	1500	1	*	68	55	54	Tr	10	6.0			
12	RAF (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1002.7	+4	WSW	2	pr	56	92	7	9	2	-	7.8	10	800	1	*	66	55	54	2	10	2.8			
	RAF (Dunrobin)	794	*	*	*	*	*	*	*	*	*	*	*	1001.9	+12	WSW	2	ld.	54	85	6	6	-	-	10	10	800	1	*	63	52	51	1	7	4.3			
	Point of Ayre	30	999.5	-18	SE	5	rr	56	92	6	-	2	-	10	10	800	1005.6	+34	WNW	6	c	55	97	8	8	6	-	7.8	9	1500	1	3	65	49	*	3	13	6.5
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1003.2	+10	WNW	4	bc	56	85	8	8	6	1	4.6	4.6	1500	1	3	62	52	51	Tr	8	3.5			
13B	Stornoway	80	1006.4	-20	NNE	1	pr	54	97	8	5	2	-	9	10	1500	1004.0	-6	W	2	rr	54	97	7	5	2	-	9	10	1500	1	1	63	54	*	Tr	3	7.1
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1001.9	-4	-	0	c	54	92	6	6	2	-	7.8	10	1500	1	*	66	51	51	2	11	3.9			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1002.2	-12	SSE	3	rr	56	97	5	6	-	-	10	10	450	1	2	63	56	55	-	10	12.3			
	Wick	81	1006.4	-18	SSE	4	rr	55	97	7	5	2	-	7.8	10	1500	1002.3	-20	SSE	5	rr	55	97	5	5	2	-	9	10	1500	1	4	62	55	*	-	5	*
16	Lerwick	156	1010.8	-12	S	3	c</																															



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 29th July, 1938.

No. 28008

District.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 28th July														OBSERVATIONS at 18h. G.M.T. 28th July														PAST 24 HOURS.							
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.							
				Direc.	Force 0-12					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Direc.					Force 0-12	Low	Med.	High	Low 0-10			Total 0-10	Height of Base (feet)	0-9	0-9	7h.—13h. 28th	13h.—18h. 28th	18h.—28th 1h. 29th	1h.—7h. 29th
(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)	1016.1	+8	WS	3	c	64	55	8	8	—	3	7-8	9+	2500	1016.8	+6	SSW	4	c	65	65	8	5	7	—	4-6	7-8	2500	0	*	bcc	c	cbe	bcwce		
	Croydon	1016.0	+6	WSW	4	c	66	55	9	2	1	—	4-6	9	4000	1016.6	+6	SWW	3	c	63	65	9	7	3	6	4-6	9+	5700	1	*	cbeccy	cyc	cbebw	bwc		
	S. Farnborough	1016.1	+6	WSW	3	c	64	55	8	8	—	8	4-6	9+	2500	1016.8	+2	SWW	4	c	62	65	8	5	7	9	7-8	9+	4000	1	*	cyc	cypnc	cb	b,cw		
	Boscombe Down	1016.7	+10	WS	3	c	63	65	8	8	—	8	4-6	9	2500	1016.8	0	SWW	4	c	63	65	7	8	3	—	4-6	7-8	2500	0	*	cbecc	circbc	cbcb	bpfwc		
	Calshot (Stmntn.)	1017.2	+6	SSW	4	c	66	65	8	7	4	2	1	7-8	4000	1017.6	0	SW	4	c	63	65	8	1	7	8	Tr	7-8	4000	0	2	cbe	bcc	cbcbw	cbwbc		
	Lympne	1017.3	+6	SSW	5	c	64	75	8	1	—	6	4-6	7-8	2500	1018.1	+2	SWW	3	c	62	65	9	1	8	2	Tr	7-8	4000	0	2	cbe	bcbce	bcbw	bwbce		
	Manston	1016.1	+2	SWW	4	c	66	55	8	2	—	6	7-8	9+	2500	1017.2	+2	SWW	3	c	64	55	8	—	4	6	0	7-8	—	1	*	bccy	cbe	beybw	bwbcm		
2	Shoeburyness	1015.9	+2	WSW	3	c	67	55	8	8	—	8	7-8	9+	2500	1016.6	+2	SSW	3	c	64	65	8	5	7	6	1	7-8	5700	0	*	bccy	cyc	cbcbw	bwbcm		
	Felixstowe	1015.3	+6	SW	4	bc	68	45	9	7	—	8	2-3	4-6	2500	1016.0	+2	SSW	3	c	68	55	8	8	7	8	2-3	7-8	2500	0	2	bcbey	bccrbey	beybcb	bwbcc		
	Gorleston	1014.2	+8	SWW	4	c	65	55	6	7	—	—	7-8	7-8	2500	1015.3	+4	SWW	2	c	68	55	6	7	—	—	9	9	2500	1	2	bcc	cyc	cbcb	bc		
	Mildenhall	1014.3	+12	WSW	4	c	69	55	9	4	—	1	7-8	9	4000	1015.2	+6	WSW	2	c	66	55	8	8	3	8	4-6	9+	4000	0	*	bcbey	cycbey	bcb	bcbcm		
	Cranwell	1012.8	+14	SW	4	c	65	55	8	8	4	1	9	9+	2500	1014.2	+6	WSW	3	c	64	65	8	8	4	4	2-3	7-8	2500	0	*	cbeccy	cyc	cbe	cwmr		
3	Birmingham	1014.2	+16	S	3	c	61	65	7	5	—	—	10	10	1500	1014.5	+2	WSW	3	c	63	65	8	8	3	—	4-6	7-8	2500	1	*	cbe	cbcc	cbe	bccr		
	Upper Heyford	1015.4	+12	WN	3	c	65	55	8	8	3	8	7-8	9+	4000	1015.6	0	WS	3	c	66	45	9	1	—	2	4-6	7-8	4000	0	*	bccy	cyc	cbcb	bccr		
4	Ross-on-Wye	1015.2	+10	WSW	3	c	62	65	8	8	—	8	9	9+	4000	1015.5	+4	WSW	3	bc	63	55	8	1	4	9	1	2-3	4000	0	*	bccy	cyc	bcb	bccr		
5	Hartland Point	1016.1	+6	W	4	c	59	75	8	2	1	—	4-6	7-8	1500	1015.9	+4	W	4	c	59	85	8	2	3	—	4-6	7-8	1500	0	3	c	c	bcc	gino		
	Bristol	1016.1	+6	W	4	c	64	55	8	8	1	8	4-6	7-8	2500	1016.7	+2	WS	3	bc	62	65	8	2	3	1	2-3	4-6	2500	0	*	pPbcc	cbe	bccw	bccr		
	Portland Bill	1016.3	+8	SW	5	c	60	85	7	5	4	—	7-8	9	2500	1017.4	+6	WSW	4	c	59	85	8	2	4	—	7-8	10	2500	1	4	c	cbe	bcc	bcc		
	Plymouth	1017.3	+6	SW	4	c	60	75	8	8	7	—	7-8	9+	2500	1017.5	+2	SW	4	bc	60	85	8	8	3	—	1	2-3	1500	0	2	bcc	cbe	bccw	bcc		
	The Lizard	1017.5	+4	SW	3	c	63	75	8	8	6	—	4-6	7-8	2500	1017.6	+2	SW	2	bc	60	85	8	4	4	—	2-3	2-3	2500	1	3	c	cbe	bccw	com		
	Scilly (St. Mary's)	1017.5	+6	SWW	4	c	63	75	8	8	7	—	7-8	9+	1500	1017.0	+4	SWW	4	bc	61	85	8	8	7	3	2-3	4-6	1500	0	2	c	cbe	bcc	idmoo		
	Guernsey	1018.7	+4	WS	3	c	62	75	8	8	3	1	4-6	9	2500	1018.7	0	WS	2	bc	62	75	8	1	7	—	1	2-3	2500	1	3	bcc	cbe	bcbw	bwbcc		
6	Pembroke	1016.0	+8	SWW	5	cq	59	85	7	8	6	1	4-6	7-8	2500	1015.9	+2	SWW	3	c	59	85	8	5	6	—	2-3	7-8	2500	1	2	bccq	c	cqpr	cqirm		
7	Holyhead	1012.6	+12	SW	5	bc	60	75	9	8	8	4	2-3	4-6	4000	1012.7	+8	SW	5	c	57	85	8	8	9	4-6	7-8	2500	1	2	bcc	bccpr	bcrm	cqirm			
	Chester (Sealand)	1012.8	+14	SWW	4	c	65	55	8	8	7	1	7-8	7-8	2500	1013.9	+6	SSW	4	bc	63	45	8	8	7	—	2-3	4-6	2500	0	*	cbeccy	cbe	bcy/b	bccrm		
8	Manchester	1012.6	+18	WN	5	c	61	65	8	8	3	2	7-8	7-8	4000	1013.7	+4	W	3	bc	60	75	7	8	6	1	4-6	4-6	4000	0	*	c	cbe	bcbz	bzmrm		
10	Spurn Head	1011.8	+32	W	5	c	66	55	7	8	6	1	4-6	7-8	2500	1013.8	+20	WSW	2	c	65	65	7	5	6	1	2-3	7-8	2500	0	2	cq	cqc	cbcw	pbcc		
	Catterick	1009.7	+22	WSW	4	c	65	65	8	8	—	1	7-8	9	2500	1012.7	+14	WS	4	bc	61	65	8	8	4	2	2-3	4-6	4000	0	*	cbcc	cbe	cbcb	bccwm		
	Tynemouth	1007.3	+20	W	5	bc	64	55	7	2	—	—	4-6	4-6	2500	1010.9	+20	W	4	c	63	55	7	2	9	—	4-6	7-8	2500	0	2	cbe	bcc	cbe	bcp		
11	St. Abbs Head	1005.5	+16	W	6	cq	60	65	8	8	6	9	4-6	9	2500	1008.7	+16	W	5	cq	63	55	9	2	4	1	4-6	7-8	4000	0	4	ircq	cqy	bc	bccpr		
	Leuchars	1004.1	+18	W	4	c	63	65	9	8	7	—	9	9+	1500	1007.7	+16	WSW	5	bc	61	65	9	8	4	4	1	4-6	4000	1	*	cpr	cyc	bccw	cwprc		
12	Renfrew (Abbots L.)	1006.8	+18	SW	4	cjp	60	75	8	2	7-8	—	4-6	7-8	2500	1008.9	+10	WS	4	bc	62	65	9	4	6	—	2-3	2-3	4000	0	*	cpr	prbcb	bcc	cddrm		
	Eskdalemuir	1007.6	+24	WSW	5	c	59	65	8	8	—	—	9	9	2500	1009.2	+2	WSW	5	c	58	75	8	8	7	—	4-6	7-8	2500	1	*	cldc	cirbc	c	crrdd		
	Point of Ayre	1010.2	+20	WS	5	c	64	75	8	2	—	9	2-3	7-8	4000	1011.1	+2	WS	4	bc	65	75	8	2	7	—	Tr	4-6	2500	1	3	c	cbe	bccbc	crrc		
13A	Tiree	1005.9	+12	W	4	c	59	85	8	8	—	—	7-8	7-8	1500	1006.9	+4	WSW	4	c	57	85	8	8	3	—	4-6	7-8	1500	0	3	bcpr	c	ccdr	irrc		
13B	Stornoway	1003.8	0	WSW	5	c	62	65	8	8	4	—	7-8	7-8	4000	1004.2	+4	SW	5	c	59	65	8	8	7	4	7-8	9	1500	1	3	crr	c	ccdr	crr		
15	Dalwhinnie	1004.3	+12	W	5	bc	60	65	8	4	4	—	2-3	4-6	4000	1007.3	+10	W	5	c	54	75	8	4	6	—	4-6	9	2500	1	*	cir</					



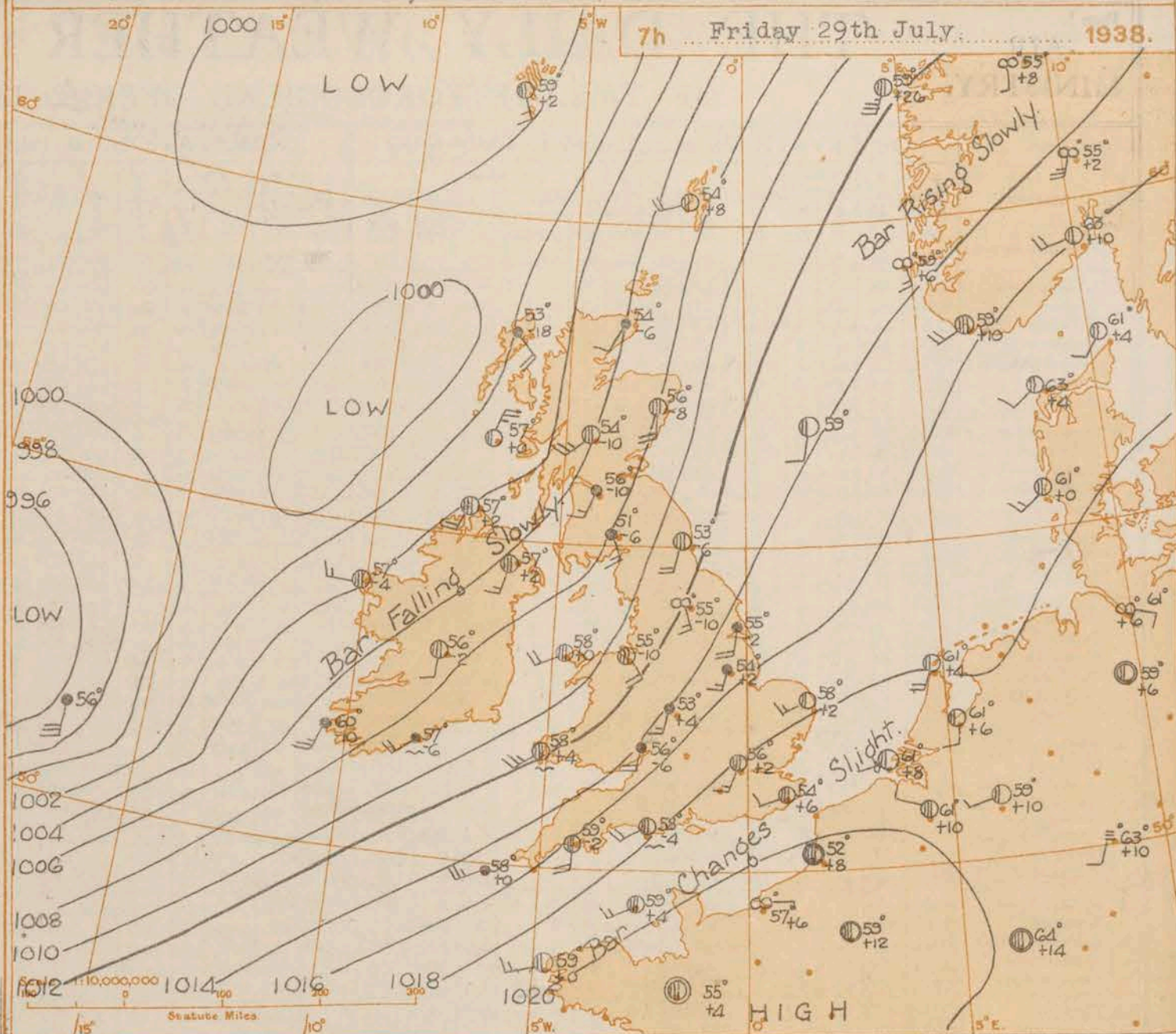
STATIONS	WEATHER		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon	Afternoon	Min. 9h. to 2h.	Max. 2h. to 9h.	Night 9h. to 2h.	Day 2h. to 9h.	Sunrise to 17h.	Sunset to 27h.
1 Tunbridge W.	bc	bc	51	69	9	-	8.4	9.3
Bournemouth	bbebc	bbebc	54	66	10	-	5.3	1.7
Venrton	rb	bcc	56	62	7	-	5.7	5.7
Southsea	bc	bcc	56	68	8	-	6.3	4.5
Bognor Regis	bc	bcc	56	64	9	-	7.0	7.3
Littlehampton	bc	bc	56	64	8	-	8.0	6.8
Worthing	b	bbebc	56	66	8	-	8.5	8.8
Brighton	b	bbebc	58	65	8	-	7.2	9.0
Eastbourne	bc	bc	57	65	8	-	7.8	3.5
Hastings	bbebc	bbebc	55	65	7	-	8.4	9.6
Folkestone	bbebc	bbebc	55	66	6	-	7.7	9.9
Dover	bc	bc	58	66	6	-	8.6	11.1
Deal	bcb	bbebc	54	68	3	-	10.3	11.6
Ramsgate	bc	bc	56	67	2	-	10.1	11.5
Margate	bc	bc	55	74	3	-	8.6	11.0
2 Southend	bbebc	bbebc	54	72	4	-	8.0	8.7
Clacton-on-Sea	bc	bbebc	55	70	6	-	8.0	11.4
Dovercourt	bc	bbebc	56	70	5	-	9.9	10.9
Lowestoft	bbebc	bbebc	56	71	4	-	8.9	13.4
Skegness	bbebc	bbebc	54	68	6	-	2.6	11.0
Mablethorpe	bbebc	bbebc	53	67	5	-	3.6	9.8
Cleethorpe	bbebc	bbebc	54	69	5	-	3.6	8.5
3 Leamington S.	bc	b	53	67	7	-	6.1	3.9
4 Cheltenham	bbebc	bbebc	54	68	7	-	9.7	4.6
5 Bath	bbebc	bbebc	55	67	9	Trace	4.6	1.9
Weymouth	b	bbebc	56	64	10	-	6.5	0.3
Jersey	bbebc	bbebc	57	66	2	-	6.4	4.5
Torquay	bbebc	bbebc	54	65	6	-	5.6	1.1
Falmouth	b	b	53	66	-	-	4.5	2.8
Penzance	bbebc	bbebc	54	65	-	-	4.6	3.5
St. Ives	b	b	52	66	-	-	3.7	2.0
Bude	bc	bc	58	64	-	-	6.3	1.9
Ilfracombe	bbebc	bbebc	56	63	1	-	5.2	1.5
6 Aberystwyth	bbebc	bbebc	55	63	3	-	5.5	2.7
7 Llandudno	bc	bbebc	54	65	4	-	5.0	2.4
Colwyn Bay	bbebc	bbebc	54	68	2	-	6.8	3.2
Rhyl	bc	bbebc	55	67	2	-	7.8	5.0
8 Wallasey	bc	bbebc	55	67	2	0.5	7.2	4.0
Southport	bbebc	bbebc	55	66	3	-	7.7	4.0
Blackpool	b	bbebc	54	65	5	-	7.5	3.9
Morecambe	bbebc	bbebc	54	64	7	-	7.0	6.0
9 Ilkley	bbebc	bbebc	54	70	7	0.2	5.5	5.8
Harrogate	bbebc	bbebc	53	63	5	0.3	6.4	6.5
10 Berwick-on-T.	bbebc	bbebc	54	66	5	-	5.3	7.2
11 Dunbar	bbebc	bbebc	55	65	4	Trace	4.9	6.9
12 Troon	bbebc	bbebc	55	62	11	-	6.9	3.9
Douglas	bc	bc	52	62	8	-	9.7	4.4

Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th July, 1938.
1 S.E. England	Wind southwest, moderate to fresh; fair with some bright intervals; warm and close.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Strong southwest wind, gale locally; cloudy, coastal mist and drizzle; average temperature.
6 South Wales	
7 North Wales	Strong southwest winds, gale locally; cloudy, occasional rain; average temperature.
8 N.W. England	
9 N. Midlands	Fresh to strong southwest winds; cloudy, occasional rain; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	As 7 - 8.
13 { A.W. Scotl* B.N.W. Scot* land.	
14 Mid Scotland	
15 N.E. Scotland	As 9 - 11.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	As 7 - 8.
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2.

## 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.

A complex depression covers the Atlantic west and north of the British Isles. There will be rain in all northern districts but in the south of England it will be mainly fair and warm apart from drizzle and fog on southwestern coasts.

## FURTHER OUTLOOK.

Unsettled.

## Times of Issue of Gale Warnings.

V South Cone hoisted at 0825 on 29.7.38 in districts 5, 6, 7, 8, 12, 13A, 13B, 17, 18, 19 and 20.

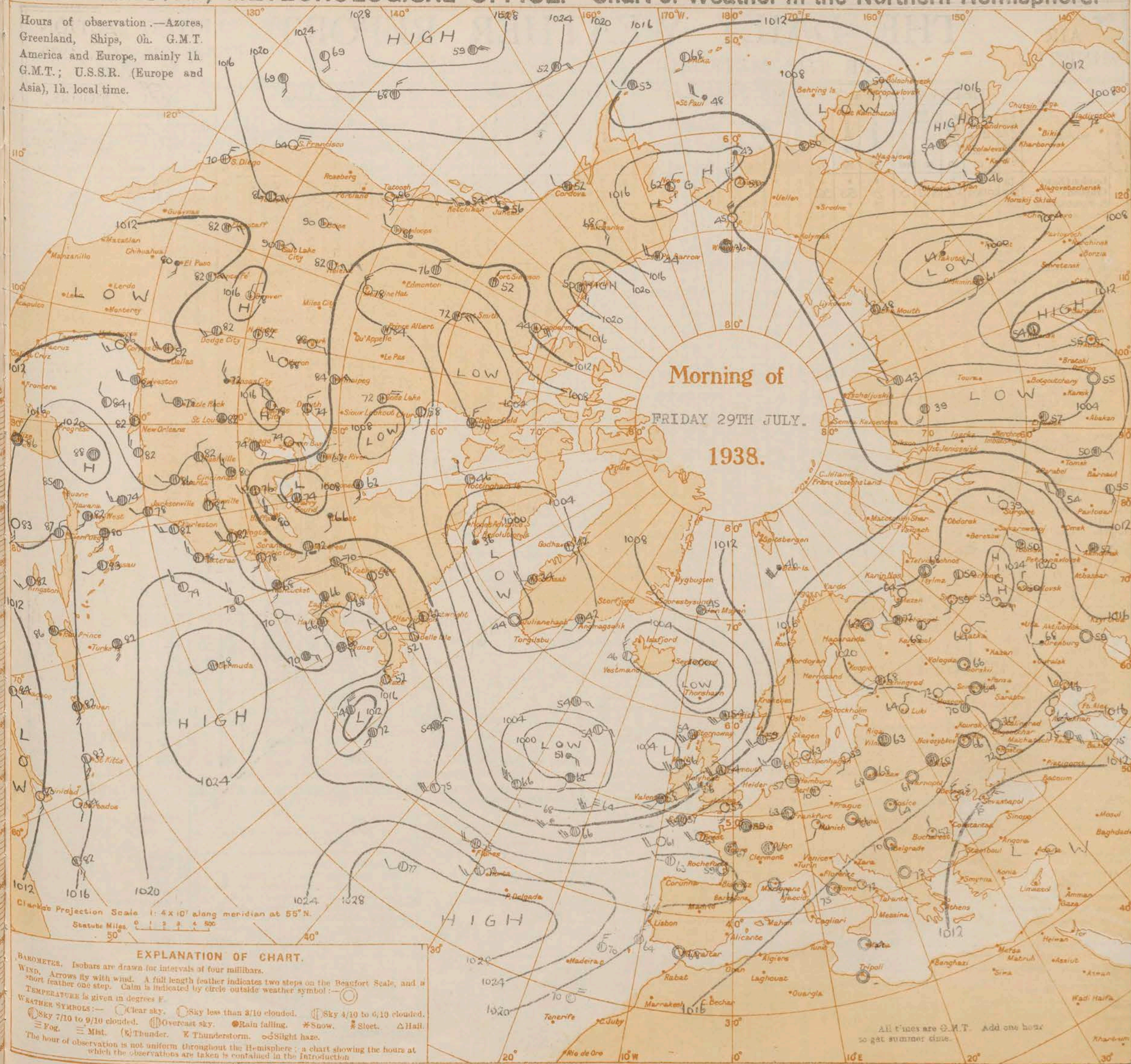
Forecasts issued at 0945 G.M.T.

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.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.



## EXPLANATION OF CHART.

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

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



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Friday 29th July, 1938  
No. 28008

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.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 28th Hrs.		
					Dir.	Force					Form.	Amount.		Height of Base (feet).	Dir.			Force	Form.					Amount.		Height of Base (feet).	Low.	Med.			High.	Low.	Total	Min. on Grass °F.	Day 7h-12h mm.		Night 12h-7h mm.	
												Low.	Med.											High.	Low.													Total
	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1018.2	+4	SSW	3	c	59	85	8	5	7	8	Tr	9+	1500	0	*	69	53	45	-	-	8.2			
	Croydon	217	1018.1	+2	SW	3	b	53	92	7	-	-	0	0	-	1018.2	+2	SSW	3	c	56	92	8	8	9	6	1	9+	2500	1	*	68	52	49	-	Tr	7.4	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1018.1	+6	SSW	2	c	55	92	7	6	7	1	2.3	7.8	1500	1	*	66	51	42	Tr	Tr	5.4			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1017.6	+2	SSW	4	c	55	97	7	5	7	-	2.3	7.8	220	0	*	66	49	46	Tr	Tr	6.1			
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	1018.6	+6	SSW	4	c	60	85	8	2	4	2	2.3	7.8	1500	0	2	66	55	51	-	-	5.3			
	Lympe	346	1019.4	+6	WSW	2	b	51	97	8	-	-	0	0	-	1013.8	+6	WSW	2	c	54	97	8	2	3	6	1	9	4000	0	1	65	49	45	-	-	10.5	
	Manston	142	1018.4	0	S	2	b	51	92	8	-	-	0	0	-	1018.8	+4	SW	3	c	56	92	7	5	7	6	Tr	9	800	1	*	70	49	43	-	-	9.3	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1018.6	+6	SW	2	z	59	85	6	1	4	6	Tr	7.8	2500	0	*	71	53	45	-	-	8.5			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1018.3	+12	SW	3	c	59	85	7	1	4	6	Tr	9	1500	0	2	69	54	47	-	-	9.5			
	Gorleston	5	1016.8	+6	WS	2	bc	58	85	7	5	-	2.3	2.3	2500	1017.9	+2	SW	3	bc	58	75	6	-	4	-	0	2.3	-	0	2	70	53	52	-	-	7.8	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1017.5	+6	WS	3	c	58	85	7	5	7	9	4.6	9	4000	0	*	71	45	41	-	-	8.9			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1015.8	+2	SSW	3	r.o	54	97	7	5	7	-	7.8	9+	2500	1	*	68	49	45	-	Tr	0.4			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1014.6	0	SSW	3	r.o	53	97	6	6	-	-	10	10	800	1	*	66	50	47	-	1	6.6			
	Upper Hayford	408	*	*	*	*	*	*	*	*	*	*	*	1016.5	-2	SSE	1	r.o	53	97	6	6	2	-	4.6	4.6	800	1	*	68	47	44	-	0.1	6.6			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1015.2	-6	SW	4	pr	56	85	8	6	1	-	7.8	10	1500	1	*	65	53	47	-	0.5	9.6			
5	Hartland Point	299	1014.8	-10	W	5	c	58	92	8	4	4	-	4.6	9	1500	1013.1	0	SW	6	ir	59	92	6	-	2	-	10	10	800	1	3	61	56	55	-	1	5.6
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1016.3	-2	SSW	3	c	57	85	8	5	7	-	4.6	9+	1500	0	4	66	53	49	1	Tr	7.5			
	Portland Bill	32	1017.8	+4	WSW	3	bc	57	92	8	5	-	-	4.6	4.6	2500	1017.2	-4	SW	4	c	58	85	7	5	-	10	10	2500	1	4	61	55	*	-	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1016.4	-2	S	4	c	59	92	8	5	2	-	9+	10	1500	0	3	63	57	55	-	-	5.8			
	The Lizard	240	1017.6	-4	SW	4	c	56	97	8	4	8	-	4.6	7.8	2500	1015.9	0	SSW	5	id	57	97	6	5	-	10	10	1500	0	2	64	55	*	-	-	7.2	
	Scilly (St. Mary's)	163	1016.3	-6	SW	4	c	57	92	8	5	7	2	2.3	7.8	2500	1014.9	0	SW	5	id	58	97	5	5	-	10	10	800	0	3	64	57	*	-	0.5	6.1	
	Guernsey	175	1019.5	+2	SW	1	b	55	97	9	-	1	-	0	1	-	1019.7	+4	SW	3	c	59	85	9	-	3	-	0	9	-	1	2	64	54	49	-	-	7.9
6	Pembroke	142	1013.9	-4	SW	6	cq	57	97	7	8	-	-	9	9	2500	1012.2	+4	SW	5	cq	58	97	6	8	-	9+	9+	1500	1	4	61	56	*	-	3	5.1	
7	Holyhead	26	1011.9	-6	SW	5	r.o	56	92	6	6	2	-	4.6	10	450	1009.3	0	SW	4	c	58	75	7	5	-	10	10	450	1	3	63	54	53	Tr	5	9.3	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1011.9	-10	SE	5	c	55	85	7	6	3	-	4.6	9	450	1	*	69	52	46	-	4	9.9			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1012.7	-4	SSE	3	c	55	92	7	6	7	-	4.6	10	800	1	*	67	50	47	-	3	7.0			
10	Spurn Head	29	1015.3	+4	SW	2	bc	56	85	7	-	4	-	0	2.3	-	1015.0	-2	SW	4	ir	55	85	7	5	4	-	7.8	9+	1500	1	2	69	53	*	-	Tr	4.2
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1011.9	-10	SSE	3	z	55	85	6	6	-	-	9	9	1500	0	*	65	48	45	-	-	9.4			
	Tynemouth	108	1012.2	0	SW	4	bc	54	85	7	2	-	-	2.3	2.3	2500	1011.0	-6	SSW	4	c/pr	53	85	6	8	-	9	9	1500	1	1	66	52	48	-	0.5	8.0	
11	St Abbs Head	280	100.5	0	SW	4	bc	53	92	9	2	6	-	2.3	4.6	2500	1008.8	-4	SSE	4	c	55	85	8	6	6	9	2.3	7.8	1500	0	3	64	51	*	2	0.3	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1008.0	-8	SSE	3	c	56	85	8	5	-	-	10	10	1500	1	*	66	50	41	0.5	Tr	7.8			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1006.5	-10	SSW	3	d.d	56	92	5	9	-	-	10	10	1500	1	*	64	53	51	0.3	1	6.6			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1008.5	-6	SSE	3	dd	51	97	4	-	2	-	10	10	1500	1	*	61	50	49	Tr	5	3.8			
	Point of Ayre	30	1010.8	+6	SW	4	bc	55	92	8	4	-	-	4.6	4.6	2500	1008.1	-8	WSW	3	c	59	97	7	8	6	-	4.6	9	1500	1	2	68	54	*	-	0.5	10.3
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1002.5	0	SW	4	bc	57	92	8	8	6	-	4.6	4.6	1500	1	3	61	52	50	Tr	4	8.1			
13B	Stornoway	80	1005.8	+2	SSW	5	c	54	85	8	5	7	-	4.6	9	2500	1004.5	-18	SE	4	rr	53	97	6	5	2	-	9	10	1500	1	2	63	52	*	0.5	5	6.6
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1005.4	-10	SW	5	c	54	85	6	6	7	-	7.8	10	1500	1	*	60	46	39	3	1	3.7			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1008.0	-8	S	4	c	56	85	7	5	7	-	4.6	9	5700	1	2	64	51	42	1	-	3.5			
	Wick	81	1006.4	+8	S	3	bc	51	85	8	5	4	-	2.3	2.3	2500	1006.0	-6	SSW	2	pr	54	92	8	5	2	-	7.8	10	1500	1	1	62	50	*	3	Tr	*
16	Lerwick	156	1005.5	+20	SW	5	c/pr	54	92	8	8	7	-	4.6	7.8	1500	1007.4	+8	WSW	4	bc	54	85	8	5	9	1	2.3	4.6	2500	1	*	57	52	*	6	1	0.0
17	Blacksod Point	18	1004.4	+4	SW	4	c	56	97	7	5	-	-	10	10	800	1003.9	-4	W	3	c	57	85	8	5	-	7.8	7.8	1500	1	3	63	53	*	0.5	6	*	
18	Malin Head	84	1004.4	-24	SW	5	cjp	56	92	6	9	-	-	9	9	2500	1004.4	+2	SSW	4	c	57	85	8	4	8	-	2.3	7.8	2500	0	2	60	54	*	0.2	1	1.0
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1006.4	+2	SSW	3	c	57	92	8	5	-	-	9+	9+	1500	1	*	66	53	49	Tr	1	7.1			
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	1007.3	-2	S	2	c	56	92	8	5	1	-	7.8	10	2500	1	*	65	53	49	-	-	6.3			
20	Valentia Obay. †	30	1008.4	0	SW	3	o	58	97	6	5	-	-	10	10	800	1006.7	-10	SSW	5	r.o	60	97	6	6	-	10	10	800	1	3	63	56	54	-	7	2.9	
	Foches Point	22	*	*	*	*	*	*	*	*	*	*	*	1008.0	-6	SW	4	dr	57	97	6	5	-	-	10	10	800	1	4	62	55	*	Tr	8	*			

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.									
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.										The barometric tendency is expressed in tenths of a millibar.									
Height above M.S.L. in feet.										Objects not visible at									
24 hrs. ended 9h.										COLUMNS 8, 22—Code for surface visibility.									
°F. °F. Min. on Grass °F.										COLUMNS 4, 18.									
mm. mm.										THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.									
Yesterday. To-day.										COLUMNS 34, 35.									
°F. °F. Min. on Grass °F.										Tr. = rain has fallen, but amount less than 0.1 mm.									
mm. mm.										COLUMNS 30.—Code for State of Sea.									
°F. °F. Min. on Grass °F.										COLUMNS 2, 16.									
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°F. °F. Min. on Grass °F.										COLUMNS 8, 22—Code for surface visibility.									
mm. mm.										Objects not visible at									
°F. °F. Min. on Grass °F.										COLUMNS 4, 18.									
mm. mm.										THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.									
Yesterday. To-day.										COLUMNS 34, 35.									
°F. °F. Min. on Grass °F.										Tr. = rain has fallen, but amount less than 0.1 mm.									
mm. mm.										COLUMNS 30.—Code for State of Sea.									
°F. °F. Min. on Grass °F.										COLUMNS 2, 16.									
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mm. mm.										Objects									

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

GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director

1 2 hr. observations are from Valentia W/T Station.

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

† Sea disturbance reported from Dungeness



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 30th July, 1938  
No. 28007

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 29th July														OBSERVATIONS at 18h. G.M.T. 29th July														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.				Sea Ground 0-2	Sea. 0-2	WEATHER.							
				Direc.	Force					Low	Med.	High	Low 0-10			Total 0-10	Height of Base (feet)					Low	Med.	High	Low 0-10			Total 0-10	Height of Base (feet)	Sea Ground 0-2	Sea. 0-2	7h.-18h. 29th	18h.-18h. 29th	18h.29th to 1h.30th	1h.-7h. 30th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
(For heights see p. 4.)																																			
1	London (Kew)	1017.6	-4	SSW	4	C	69	55	8	7	7	8	4.6	7.8	4000	1016.7	-6	SSW	4	C	67	65	8	7	1	-	7.8	7.8	2500	0	*	c bc	c	cbcc	bc
	Croydon	1017.7	-4	SW	4	C	68	65	9	1	4	3	4.6	9	4000	1017.3	-4	SSW	4	C	65	75	8	4	4	1	2.3	9	2500	0	*	c	c	cbcb	bbwcc
	S. Farnborough	1017.6	-2	SW	4	C	67	55	8	7	7	1	2.3	9	2500	1016.8	-6	SSW	4	C	65	75	8	7	7	-	7.8	9	2500	0	*	c	c	cbcb	bbwcc
	Boscombe Down	1017.1	-4	SW	5	C	64	75	8	8	3	-	7.8	10	1500	1016.8	-2	SSW	4	Id.	59	92	8	6	2	-	9	10	800	0	*	c	c	cbcc	cbcc
	Calshot (Stmntn.)	1018.6	-2	SW	5	C	65	75	8	7	7	-	4.6	9	1500	1017.8	-6	SSW	4	C	64	75	8	7	3	1	4.6	7.8	1500	0	2	bcc	ebcc	cbcb	bwbc
	Lympe	1019.4	-2	SSW	4	C	64	65	9	1	-	2	Tr	7.8	4000	1018.4	-10	SW	4	bc	64	65	9	-	3	9	0	4.6	-	0	2	ebcc	ebc	bc	bwbc
	Manston	1018.6	-4	SW	4	C	68	55	8	5	7	6	4.6	9	2500	1017.7	-4	SW	3	C	66	55	9	-	3	1	0	7.8	-	1	*	c	bc	bc	bwbc
2	Shoeburyness	1017.8	-10	SSW	3	C	70	55	8	1	4	8	2.3	7.8	5700	1017.4	-2	SSW	4	bc	66	55	8	-	3	8	0	4.6	-	0	*	bey	bey	beyb	bwbc
	Felixstowe	1017.5	-6	SSE	4	C	68	65	8	1	7	8	2.3	7.8	2500	1016.7	-6	SSW	5	C	67	65	8	5	3	5	4.6	9	4000	0	3	c	cbcc	ebc	bbc
	Gorleston	1016.8	-4	SW	4	C	67	55	7	1	7	-	2.3	7.8	2500	1015.5	-8	SW	4	C	66	65	6	5	-	-	7.8	7.8	2500	0	3	bey	cyc	ebc	bcc
	Mildenhall	1015.8	-12	SW	4	C	70	55	8	5	3	-	4.6	9	5700	1014.9	-10	SW	4	C	68	65	8	5	7	-	4.6	9	4000	0	*	cir	cir	ebcc	bcc
	Cranwell	1014.3	-8	SSW	4	C	62	75	8	5	7	-	7.8	10	1500	1013.3	-8	SW	4	C	63	85	8	5	2	-	9	10	2500	1	*	re	re	ebcc	ebc
3	Birmingham	1014.6	0	SSW	3	C	58	85	6	5	-	-	10	10	1500	1013.1	-6	SSW	4	ir	61	92	6	6	-	-	10	10	800	1	*	cir	ebcc	ir	o
	Upper Heyford	1016.0	-8	S	4	C	63	75	9	5	7	-	7.8	10	2500	1015.5	-4	SSW	4	C	61	85	8	5	-	-	10	10	1500	0	*	cir	ebcc	ebc	bcc
4	Ross-on-Wye	1014.4	-4	SSW	4	C	63	85	7	5	-	-	10	10	1500	1013.6	-6	SW	4	C	62	85	7	6	-	-	10	10	1500	1	*	c	ebc	ebc	bcc
5	Hartland Point	1013.8	+2	WSW	5	O	61	97	7	5	-	-	10	10	450	1012.3	-2	W	6	C	61	92	8	5	2	-	4.6	9	1500	0	3	o	c	c	c
	Bristol	1016.0	0	SSW	3	C	62	85	8	5	2	-	9	10	800	1015.1	-6	SSW	4	C	64	85	8	5	7	-	4.6	7.8	2500	0	*	c	c	cbcc	c
	Portland Bill	1017.0	-8	SW	5	C	58	85	7	5	4	-	7.8	10	2500	1016.8	-6	SW	4	C	60	85	8	5	4	1	4.6	10	2500	1	4	c	c	bc	bcc
	Plymouth	1016.6	+2	SW	4	O	60	92	6	5	-	-	10	10	450	1016.2	-4	SSW	3	C	61	92	8	5	3	3	2.3	7.8	800	0	2	cd	cd	c	c
	The Lizard	1016.6	+2	SW	4	C	63	85	7	4	1	-	7.8	9	1500	1015.3	-8	SSW	4	C	60	92	8	8	7	-	7.8	9	1500	1	3	id	id	ebcc	ebc
	Scilly (St. Mary's)	1014.9	-2	SW	5	bc	63	85	7	5	6	-	2.3	4.6	2500	1013.5	-10	SW	5	C	62	92	7	5	4	3	4.6	9	1500	0	3	id	id	ebcc	ebc
	Guernsey	1019.3	0	SE	2	C	67	65	9	-	7	8	0	7.8	-	1018.3	-10	SW	1	C	66	65	9	-	7	8	0	7.8	-	0	2	ebc	ebc	ebcc	bwbc
6	Pembroke	1012.8	0	SSW	6	q	59	97	6	8	2	-	4.6	9	1500	1011.1	-4	SW	7	q	59	97	6	8	2	-	4.6	9	1500	1	4	eq	eq	eq	eq
7	Holyhead	1009.0	-6	SSW	5	r	58	97	7	5	2	-	7.8	10	220	1007.1	-14	SW	6	r	59	97	6	5	2	-	7.8	10	450	1	3	ir	ir	ir	ir
8	Chester (Sealand)	1011.0	-6	SSW	4	C	64	65	8	5	2	-	7.8	10	1500	1009.9	-6	SSW	4	C	65	75	8	6	2	-	7.8	10	1500	1	*	cir	c	c	c
	Manchester	1012.0	-2	SE	4	ir	60	92	6	6	2	-	7.8	10	800	1010.6	-6	S	4	ir	63	85	7	6	2	-	7.8	10	450	1	*	cir	cir	cir	cm
10	Spurn Head	1013.8	-4	SSW	5	ir	63	75	7	5	-	-	10	10	800	1012.6	-4	S	5	ir	62	85	7	6	2	-	4.6	10	800	1	3	ir	cir	ir	cq
	Catterick	1010.6	-4	SSW	3	z	61	75	6	6	7	-	7.8	10	1500	1008.7	-14	S	3	C	62	85	7	6	7	-	9	10	800	1	*	cm	cm	cm	cz
	Tynemouth	1009.2	-8	SSW	3	C	62	65	8	-	-	-	9	9	1500	1007.6	-14	S	3	r	61	85	6	-	2	-	10	10	1500	1	1	c	cor	cor	oc
11	St. Abbs Head	1007.2	-4	S	4	C	63	75	9	8	6	-	4.6	9	2500	1004.4	-10	SSE	4	r	58	92	6	3	2	-	7.8	10	1500	1	3	pr	rm	cir	rr
	Leuchars	1005.6	-10	SSW	3	C	67	55	8	2	7	-	2.3	9	2500	1003.2	-26	SE	4	r	58	92	7	5	2	-	9	10	2500	1	*	c	c	c	c
12	Rentrev (Abbots I.)	1005.6	-10	SW	4	C	63	65	9	8	1	-	4.6	10	4000	1001.9	-30	SW	3	r	61	92	6	5	2	-	2.3	10	800	1	*	cb	cb	cb	cb
	Eskdalemuir	1007.7	+2	SSW	6	ir	59	75	8	9	-	-	9	9	2500	1004.4	-22	SSW	6	r	57	97	6	-	2	-	10	10	220	1	*	cb	cb	cb	cb
	Point of Ayre	1007.8	-2	SW	5	rr	59	97	6	6	2	-	7.8	10	800	1004.3	-18	SW	6	r	60	97	6	6	2	-	7.8	10	800	1	3	crr	rr	crr	crr
13	Tires	1002.5	0	SSW	4	C	61	75	8	5	1	-	4.6	9	1500	998.0	-34	ESE	2	RR	56	97	6	-	2	-	10	10	450	1	3	c	crr	crr	c
13	Stornoway	1003.2	-2	S	6	C	59	75	8	8	7	4	4.6	7.8	2500	1002.1	-8	SSW	4	C	58	75	7	8	4	-	7.8	9	2500	1	2	c	crr	c	c
15	Dalwhinnie	1005.0	+4	SSW	6	C	61	65	8	4	1	-	2.3	10	2500	1001.9	-20	SSW	3	ir	58	85	6	6	2	-	4.6	10	2500	1	*	cir	c	c	c
	Aberdeen	1006.1	-12	SE	5	C	59	75	6	8	7	6	7.8	9	2500	1004.2	-10	S	3	pr	57	85	6	-	2	-	10	10	4000	1	2	cz	cz	c	



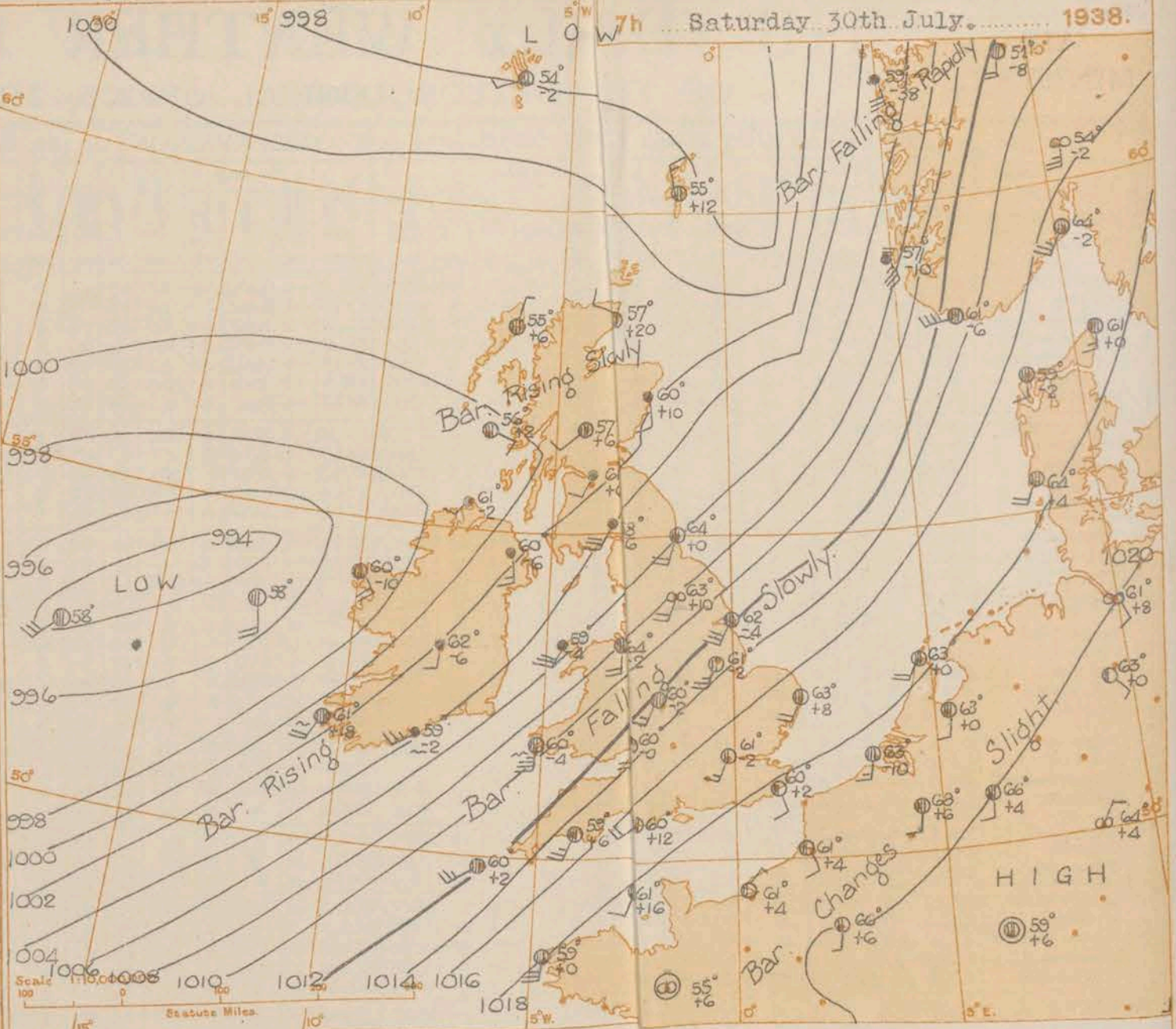
REPORTS from HEALTH RESORTS for 29th July 1938.									
DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
				9h-12h.	9h-17h.	17h-24h.	9h-17h.	29th.	29th.
1	Tunbridge W.	bc	bc	45	63	-	-	8.5	8.4
	Bournemouth	c	co	55	65	-	-	0.9	6.2
	Ventnor	bc	bc	55	65	-	-	6.4	6.5
	Southsea	bc	bc	56	68	-	-	5.0	7.0
	Bognor Regis	bc	bc	57	65	-	-	6.9	7.5
	Littlehampton	bc	bc	55	65	-	-	7.8	9.0
	Worthing	b	b	55	70	-	-	9.0	9.2
	Brighton	b	b	58	65	-	-	8.3	7.4
	Eastbourne	bc	bc	56	67	Trace	-	9.2	8.2
	Hastings	bc	bc	54	66	-	-	9.1	9.1
	Folkestone	bc	bc	52	66	-	-	6.5	8.7
	Dover	bc	bc	56	66	-	-	8.4	9.8
	Deal	bc	bc	52	68	-	-	8.4	11.7
	Ramsgate	bc	bc	53	67	-	-	8.1	11.4
	Margate	bc	bc	52	74	-	-	7.6	9.6
2	Southend	bc	bc	53	73	-	-	7.1	8.3
	Clacton-on-Sea	b	b	54	69	-	-	6.5	8.6
	Dovercourt	bc	bc	58	70	-	-	9.0	10.1
	Lowestoft	cpc	bc	51	70	-	-	6.6	8.3
	Skegness	cpc	bc	49	67	Trace	0.5	0.6	3.1
	Mablethorpe	or	or	57	65	1	0.5	1.3	4.0
	Cleethorpe	cr	cr	50	64	1	0.5	0.1	4.0
3	Leamington S.	opo	opo	51	65	Trace	Trace	0.0	8.3
4	Cheltenham	c	c	52	65	0.5	Trace	0.0	12.3
5	Beth	c	c	53	64	Trace	Trace	0.0	5.4
	Weymouth	bc	bc	55	64	-	-	0.6	7.1
	Jersey	bc	bc	55	71	-	-	10.6	8.6
	Torquay	adm.	oe	56	63	-	Trace	0.9	7.5
	Falmouth	ogm	b	56	67	0.3	0.1	3.2	5.5
	Penzance	rr	c	57	66	2	Trace	3.4	6.5
	St. Ives	d	d	52	67	2	0.3	3.1	6.3
	Bude	od	od	52	66	Trace	Trace	1.1	6.6
	Ilfracombe	corr	ro	55	68	2	1	1.6	5.6
6	Aberystwyth	cpr	pre	55	63	4	2	0.0	8.1
7	Llandudno	cpc	cpc	55	65	1	Trace	0.0	10.6
	Colwyn Bay	cpc	cpc	54	66	5	Trace	0.3	8.3
	Rhyl	d.c	cpr	53	65	4	Trace	0.1	9.3
8	Wallasey	coir	ire	53	64	4	3	0.0	7.9
	Southport	c.p.	r.or	51	64	2	2	0.3	7.8
	Blackpool	o.d.	qr	50	62	1	3	0.1	7.1
	Morecambe	bc	ei	53	63	Trace	5	1.0	8.4
9	Ilkley	oro	cpr	52	65	1	0.4	1.2	6.6
	Harrogate	c	c	49	62	0.4	0.4	0.3	7.4
10	Berwick-on-T.	c	c	52	65	0.1	0.2	0.7	6.3
11	Dunbar	bc	cpr	53	67	0.3	Trace	1.9	7.0
12	Troon	bc	o.c	56	62	0.5	6	2.5	7.3
	Douglas	cirm	cirm	53	59	5	9	1.0	9.8

Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h. to 24h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th July, 1938.
1 S.E. England	Wind southwest, moderate or fresh; fair; bright periods;
2 E. England	Warm.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind southwest, strong, cloudy; warm.
6 South Wales	Wind southwest, strong; cloudy; occasional rain; warm.
7 North Wales	
8 N.W. England	
9 N. Midlands	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	Wind south to southwest, fresh or strong, gale locally at first; moderating; cloudy, occasional rain; average temperature.
13 { A.W. Scotl. B.N.W. Scotl. land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

H. & S. Stationery Office Press, Kingsway W.C.2

# AIR MINISTRY, METEOROLOGICAL OFFICE.



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

**GENERAL INFERENCE.**

A deep depression has become almost stationary off Northwest Ireland and will decrease in intensity. The strong winds now over most of the country will slowly moderate. Weather will be mainly fair over England except in the northwest but there will be further rain in Ireland, Scotland and Wales.

**FURTHER OUTLOOK.**

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

**Times of Issue of Gale Warnings.**

V South Cone listed at 0825 on 29.7.38 in districts 5, 6, 7, 8, 12, 13A, 13B, 17, 18, 19 and 20.

Forecasts issued at 10.0 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.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.

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Morning of

SATURDAY 30TH JULY

1938.

Clark's Projection Scale 1:4x10' along meridian at 55°N.  
Statute Miles 0 100 200 300

## EXPLANATION OF CHART.

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

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



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 30th July, 1938

No. 28009

OBSERVATIONS at 1 hr. G.M.T. 30th July														OBSERVATIONS at 7 hr. G.M.T. 30th July														PAST 24 HOURS.																	
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %.	Visibility. 0-10.	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %.	Visibility. 0-10.	Cloud.						State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SET 29th Hrs.									
										Form.			Amount.		Height of Base (feet).								Form.			Amount.		Height of Base (feet).			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.
										Low.	Med.	High.	Low.	Total.									Low.	Total.	Low.	Total.	Low.																		
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1017.1	-4	SSW	3	bc	63	75	8	-	-	2	0	4-6	-	0	*	72	56	52	-	-	3.7										
	Croydon	217	1017.6	-2	S	3	bc	56	92	7	-	-	1	0	2-3	-	-	61	85	8	1	4	3	Tr	7-8	4000	0	*	70	56	50	-	-	6.0											
	3. Farnborough	226	*	*	*	*	*	*	*	*	*	*	*	1016.5	+2	SW	4	C	62	86	8	1	3	9	Tr	7-8	2500	0	*	68	55	50	-	-	5.2										
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1015.8	-2	S'W	4	C	53	85	8	6	3	9	Tr	4-6	1500	0	*	65	54	53	Tr	Tr	0.2										
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	1017.3	+2	S'W	4	b	62	85	8	7	4	6	Tr	4-6	2500	0	2	67	60	58	-	-	4.2										
	Lymington	346	1019.0	-4	S'W	2	b	56	92	8	-	-	6	0	1	-	-	60	85	8	-	-	6	0	2-3	-	0	1	65	54	45	-	-	10.0											
	Bursledon	142	1018.5	-2	S'W	2	bc	56	85	8	-	-	7	6	0	2-3	-	61	85	7	-	-	6	0	4-6	-	0	*	63	53	44	-	-	8.4											
2	2. Shoot Upness	11	*	*	*	*	*	*	*	*	*	*	*	1017.0	-4	S'E	3	bc	62	75	8	-	-	5	0	2-3	-	0	*	71	58	54	-	-	8.1										
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1017.0	-2	S	4	bc	65	65	7	-	-	4	0	2-3	-	0	2	70	53	57	-	-	9.1										
	Coriection	5	1016.2	0	SSW	4	bc	60	85	7	-	-	5	0	2-3	-	-	63	75	7	4	5	-	2-3	7-8	2500	0	3	70	59	58	-	-	6.4											
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1016.7	+2	SSW	3	C	61	85	8	1	4	2	Tr	7-8	1500	0	*	72	56	53	Tr	Tr	3.5										
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1012.7	-2	SSW	5	C	61	85	8	5	3	1	4-6	7-8	1500	1	*	65	60	58	2	Tr	0.4										
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1012.3	-2	SSW	3	0	60	85	8	3	-	-	10	10	1500	1	*	62	59	56	0.5	Tr	0.0										
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1015.0	-4	SSW	4	C	60	86	8	7	1	-	9+	9+	2500	0	*	64	56	53	0.4	-	*										
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1013.5	0	S	4	C	60	86	8	5	-	-	10	10	1500	0	*	63	60	58	Tr	-	0.0										
5	5. Hartland Point	299	1012.1	-4	SW	6	C	61	97	8	5	2	-	4-6	9+	800	1010.9	-8	W	6	C	62	97	7	5	7	-	4-6	7-8	800	0	4	62	59	59	1	-	0.0							
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1014.7	0	S	4	C	60	85	8	5	-	-	10	10	1500	0	*	64	59	56	Tr	-	0.6										
	Portland Bill	32	1016.4	-6	SW	4	bc	59	85	8	5	-	-	4-6	4-6	2500	1015.4	+12	SW	4	C	60	85	7	5	4	-	4-6	10	2500	1	3	62	57	*	-	-	*							
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1015.0	+6	SSW	5	C	59	92	7	5	-	-	10	10	1500	0	3	63	58	57	0.1	-	0.5										
	The Lizard	240	1015.0	-2	SW	4	C	58	97	8	5	-	-	10	10	1500	1014.1	-4	S'W	4	bc	59	97	8	5	6	-	4-6	4-6	2500	0	3	65	57	*	0.1	-	4.7							
	Scilly (St. Mary's)	163	1012.8	-8	SSW	5	C	60	97	8	5	1	-	7-8	10	1500	1011.6	+2	SW	5	C	60	92	6	5	-	9+	9+	1500	0	3	63	58	*	Tr	Tr	5.2								
	Guernsey	175	1018.3	-6	-	0	b	57	92	9	-	-	-	0	0	-	1018.1	+16	SSW	2	bc	61	92	9	5	3	-	2-3	4-6	2500	0	1	67	56	51	-	-	12.4							
6	Pembroke	142	1010.1	-2	S	7	Cq	59	97	7	8	-	-	9+	9+	1500	1009.0	-4	S	7	Cq	60	92	6	5	2	-	7-8	10	1500	1	4	60	58	*	0.6	0.1	0.0							
7	Holyhead	26	1006.7	0	SW	6	Cq	59	97	6	6	2	-	4-6	10	220	1005.3	-4	SSW	6	dd	59	97	6	6	2	-	7-8	10	450	1	3	59	58	58	4	17	0.0							
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1005.4	-2	S	4	C	64	75	8	5	2	-	7-8	10	4000	1	*	65	63	60	0.3	-	0.0										
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1009.6	+2	S	5	C	63	75	7	5	7	-	4-6	9+	800	1	*	63	59	59	3	1	0.0										
10	Spurn Head	29	1012.0	-4	SSW	5	ir	61	85	8	5	-	-	10	10	1500	1011.8	-4	SSW	6	Cq	62	85	7	5	7	-	7-8	9+	800	0	4	64	59	*	0.5	0.2	0.5							
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1007.5	+10	SSW	4	2	63	75	6	6	7	-	4-6	10	800	0	*	63	61	59	Tr	Tr	0.6										
	Tynemouth	108	1006.7	-4	SW	5	0	63	85	7	6	-	-	10	10	800	1005.7	0	SSW	4	C	64	75	6	8	-	9	9	1500	1	2	63	61	58	1	1	0.5								
11	St Abbs Head	280	1001.5	+8	SW	8	Cq	60	92	9	9	2	-	4-6	9+	1500	1003.6	+12	SW	6	rr	61	85	8	3	2	-	7-8	10	1500	1	4	65	57	*	0.5	1	*							
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1001.9	+8	SW	2	rr	61	92	8	6	2	-	4-6	10	1500	1	*	67	57	55	1	3	2.4										
12	Renfrew (Abbott I.)	19	*	*	*	*	*	*	*	*	*	*	*	1001.8	+6	SSW	2	rr	61	92	8	5	2	-	4-6	10	800	1	*	65	60	58	4	14	1.9										
	Esksdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	1004.0	+6	SW	6	rr	58	92	6	6	-	-	10	10	450	1	*	60	56	56	16	44	0.1										
	Point of Ayre	30	1003.9	+2	SW	6	rr	59	97	6	-	-	10	10	800	1003.6	0	SW	6	rr	59	97	6	-	-	10	10	800	1	3	65	59	*	4	17	1.8									
13a	Tree	22	*	*	*	*	*	*	*	*	*	*	*	999.2	+2	SE	2	C	56	97	8	5	-	-	9+	9+	1500	1	2	62	53	51	6	5	4.6										
13b	Stormoway	80	1000.5	+4	NNW	2	C	54	97	7	8	7	-	7-8	9	1500	1001.6	+6	NNW	1	C	55	92	8	5	7	-	7-8	9+	1500	1	0	61	52	*	2	-	4.8							
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	+6	SW	2	C	57	97	6	6	2	-	4-6	10	1500	1	*	62	53	53	2	7	2.3										
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1001.3	+10	SE	2	rr	60	97	6	6	2	-	7-8	10	800	1	2	60	55	54	1	3	2.5										
	Wick	81	997.8	-18	S	1	rr	55	97	3	5	-	-	10	10	800	1000.1	+20	NNW	2	C	57	92	7	5	1	-	7-8	9+	1500	1	1	61	54	*	1	3	*							
16	Lerwick	166	1000.6	-20	S	5	rr	54	97	6	5	-	-	10	10	450	998.4	+12	NNW	3	C	55	97	8	3	-	7-8	9	450	1	*	57	52	*	2	5	4.7								
17	Blackrod Point	18	999.6	+8	SW	4	DR	59	97	6	6	-	-	10	10	450	997.9	-10	SE	4	C	60	97	7	8	-	-	10	10	800	2	3	62	58	*	17	9	*							
18	Malin Head	84	999.8	+12	SSW	2	C	60	97	7	8	-	-	9+	9+	2500	999.6	-2	SSW	2	rr	61	97	7	8	2	-	7-8	9	1500	1	1	63	58	*	8	8	3.3							
	Aldergrove	268	*	*	*</																																								



DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 30th July														OBSERVATIONS at 18h. G.M.T. 30th July														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Barom. at m.	Change in 8 hours.	Wind.		Temp.	Humid.	Visiblity	Cloud.						Barom. at m.	Change in 8 hours.	Wind.		Temp.	Humid.	Visiblity	Cloud.					State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Dir.	Force				Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.			Amount.	Height of Base (feet)				Dir.	Force	Form.	Amount.	Height of Base (feet)			7h.—13h. 30th.	13h.—18h. 30th.	18h.—30th 31st.	1h.—7h. 31st.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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																																	0-10	10-10	10-10	0-10	10-10	10-10	0-10	10-10	10-10	0-10	10-10	10-10	0-10	10-10	10-10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1	London (Kew)	1016.8	+2	SSW	4	bc	73	55	8	1	—	2	1	2.3	2500	1017.3	+4	SSW	4	b	73	55	8	1	—	—	Tr	Tr	2500	0	*	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb	bcb



# REPORTS from HEALTH RESORTS for 30th July 1938.

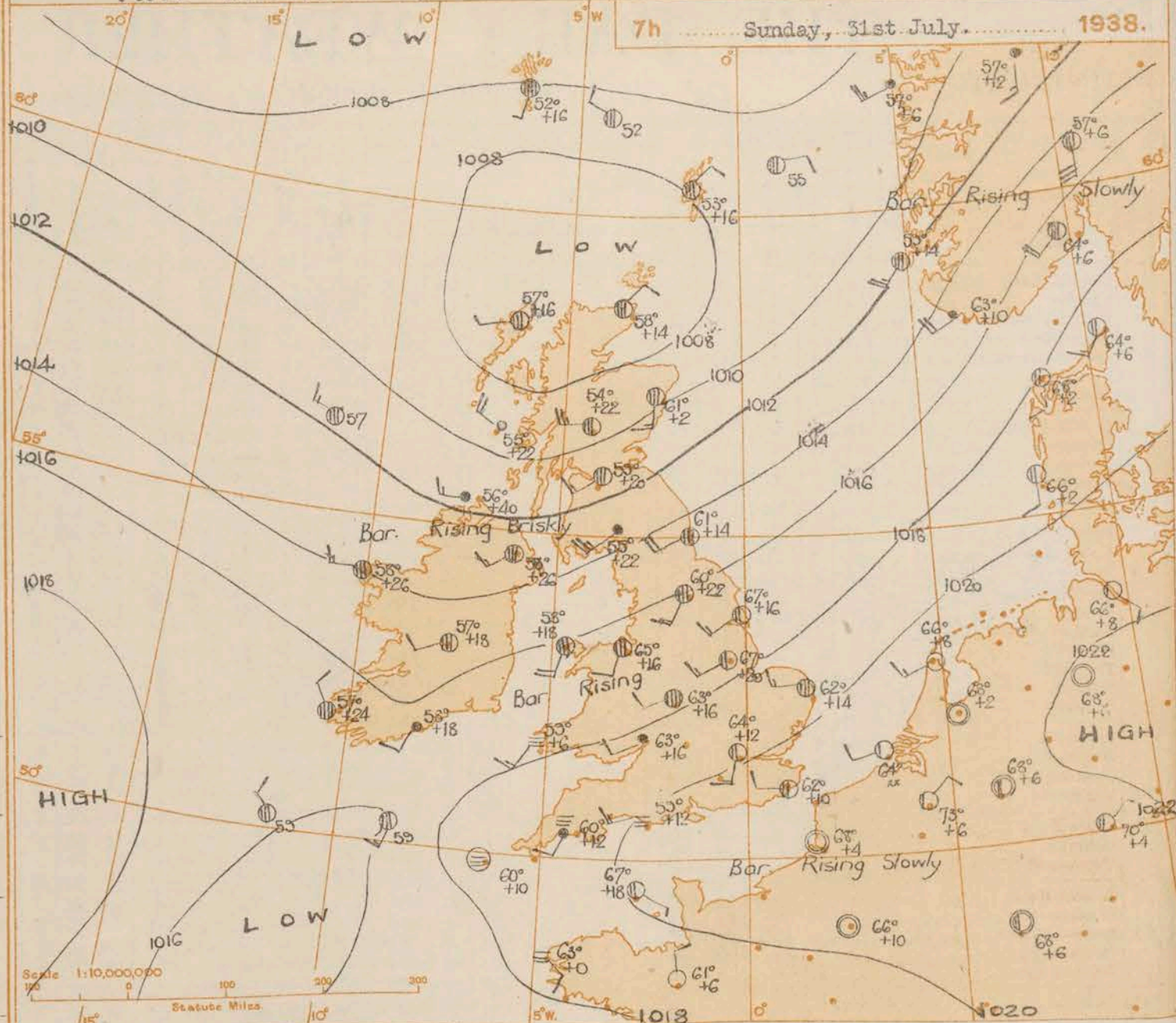
STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
			9h-20h.	9h-17h.	17h-20h.	9h-17h.	17h.	20h.
1 Tunbridge W.	b	b	51	74	—	—	11.3	3.8
Bournemouth	b	b	57	68	—	—	6.5	1.2
Ventnor	bcb	bcb	58	66	—	—	10.2	7.2
Southsea	bcb	bcb	59	71	—	—	10.6	5.1
Bognor Regis	b	bcb	61	66	—	—	11.0	7.6
Littlehampton	bcb	bcb	60	67	—	—	11.2	9.0
Worthing	b	b	60	68	—	—	11.4	10.3
Brighton	b	b	60	67	—	—	11.1	9.6
Eastbourne	b	b	56	70	—	—	12.0	10.9
Hastings	b	b	57	65	—	—	12.1	10.8
Folkestone	bcb	bcb	54	71	—	—	10.8	7.6
Dover	b	b	59	70	—	—	11.5	9.7
Deal	b	b	64	75	—	—	11.5	9.6
Ramsgate	b	b	58	73	—	—	11.0	9.5
Margate	b	b	56	78	—	—	11.2	9.0
2 Southend	bcb	b	58	80	—	—	11.7	7.6
Clacton-on-Sea	b	bcb	60	73	—	—	11.2	6.5
Dovercourt	bcb	bcb	59	76	—	—	12.1	9.2
Lowestoft	b	b	55	72	Trace	—	12.1	6.6
Skegness	b	b	56	78	Trace	—	11.4	0.6
Mablethorpe	bcb	b	55	75	Trace	—	11.0	1.3
Cleethorpe	bcb	b	57	78	Trace	—	8.7	0.1
3 Leamington S.	c	c	59	72	—	—	2.5	0.0
Cheltenham	c	c	56	69	—	—	1.1	0.0
4 Bath	bcb	bcb	60	76	—	—	4.3	0.0
Weymouth	b	b	58	66	—	—	2.4	1.1
Jersey	b	b	58	78	—	—	11.3	12.6
Torquay	b	b	60	64	Trace	—	0.0	2.1
Falmouth	b	b	59	64	Trace	—	0.2	3.2
Penzance	bcb	bcb	60	64	Trace	—	0.2	3.5
St. Ives	b	b	52	65	—	—	0.0	3.1
Bude	bcb	b	60	67	—	—	0.6	1.1
Ilfracombe	bcb	bcb	59	68	Trace	—	2.3	1.3
6 Aberystwyth	c	c	57	64	Trace	—	0.0	0.0
Llandudno	c	c	55	70	Trace	—	0.5	0.0
Colwyn Bay	c	c	61	68	Trace	—	0.3	0.3
Rhyl	c	c	60	68	Trace	—	0.3	0.1
8 Wallasey	c	c	57	70	Trace	—	0.0	0.0
Southport	c	c	60	71	Trace	—	0.5	0.3
Blackpool	c	c	56	67	Trace	—	0.0	0.1
Morecambe	c	c	57	68	Trace	—	0.2	1.0
9 Ilkley	c	c	57	70	Trace	—	0.2	1.2
Harrogate	c	c	55	65	Trace	—	0.1	0.3
10 Berwick-on-T.	c	c	58	67	Trace	—	0.0	0.7
11 Dunbar	c	c	58	70	Trace	—	0.5	1.3
12 Troon	c	c	58	60	Trace	—	0.6	2.5
Douglas	c	c	51	59	Trace	—	0.0	1.0

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st July, 1938.
1 S.E. England	
2 E. England	Winds variable light; fine; local early morning fog; warm
3 E. Midlands	and close.
4 W. Midlands	As 6 - 11.
5 S.W. England	Winds south light; dull; coastal drizzle and fog; close.
6 South Wales	
7 North Wales	Winds southwest light to moderate; cloudy periods, local thundery
8 N.W. England	showers; bright periods; average temperature to rather warm.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Winds southwest to west light to moderate; intermittent rain or
13 { A.W. Scotla. B.N.W. Scot- land.	drizzle; showers, bright periods spreading from west; average temperature.
14 Mid Scotland	Wind light variable becoming west, light to moderate; intermittent
15 N.E. Scotland	rain or drizzle; showers bright periods spreading from west; average
16 Orkney and Shetland	temperature.
17 N.W. Ireland	
18 N.E. Ireland	As 12.
19 S.E. Ireland	
20 S.W. Ireland	

H.M. Stationery Office Press, Kingsway W.C.2

## 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.

A belt of high pressure across Southern England connects anticyclones over the Baltic and in Mid-Atlantic. A depression over North Scotland is filling up and drifting slowly northeast. A belt of rain or drizzle followed by showers and bright periods will pass eastwards across northern and western districts but in East and Southeast England it will be mainly fine. Coastal fog will persist in the Southwest.

### FURTHER OUTLOOK.

Showers in northwest; fair or fine elsewhere.

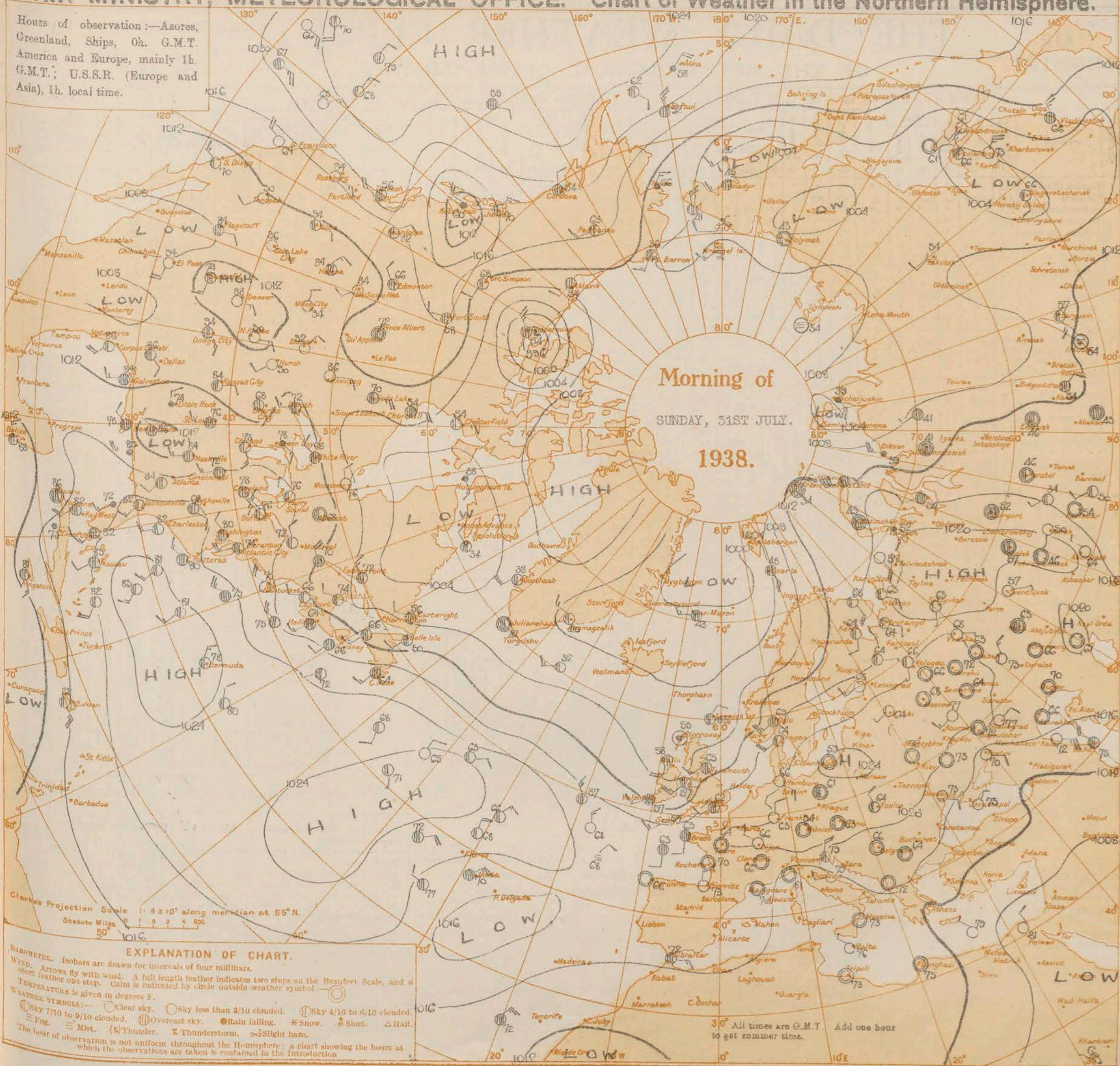
Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.



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

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

Morning of  
SUNDAY, 31ST JULY.  
1938.



Clarke's Projection Scale 1:4x10<sup>6</sup> along meridian at 55°N.  
Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART.

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

30° All times are G.M.T. Add one hour to get summer time.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 31st July, 1938.  
No. 28010.

OBSERVATIONS at 1 hr. G.M.T. 31st July														OBSERVATIONS at 7 hr. G.M.T. 31st July														PAST 24 HOURS.									
STATION.	Height above M.S.L. in feet.	Barom. at 1 hr. M.S.L.	Change in 3 hours.	Wind. Dir.	Force.	Weather.	Temp. °F.	Humid. %	Visib. Miles.	Cloud.					Barom. at 7 hr. M.S.L.	Change in 3 hours.	Wind. Dir.	Force.	Weather.	Temp. °F.	Humid. %	Visib. Miles.	Cloud.					State of Ground.	Sun. 0-10.	TEMPERATURE.			RAINFALL.		SURFACE STATE.		
										Form.			Amount.										Height of Base (feet).	Form.			Amount.			Min. on Grass °F.	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.	Day 7h-15h mm.	Night 15h-7h mm.			
										Low.	Med.	High.	Low.	Total.										Low.	Med.	High.	Low.									Total.	
1 London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1020.5	+16	SSW	3	bc	66	85	8	5	-	-	10	10	1500	0	*	74	63	59	-	-	13.6		
Croydon	217	1019.0	+6	SW	2	c	62	92	7	5	-	-	10	10	1020.4	+12	S	3	bc	64	92	7	5	4	-	10	10	800	0	*	74	61	57	-	-	14.2	
S. Farborough	228	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	+12	SW	2	z	63	92	6	5	-	-	10	10	800	0	*	73	60	57	-	-	13.5		
Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1019.7	+10	SW	4	z	61	97	3	5	-	-	10	10	450	0	*	67	60	59	-	-	2.9		
Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	*	1020.4	+16	SW	3	id	62	97	5	5	-	-	10	10	450	1	1	69	61	59	-	-	11.0		
Lymington	340	1020.4	+4	SSW	2	b	56	97	8	-	-	-	0	0	1021.5	+10	W	2	bc	62	92	8	5	-	-	2.3	2.3	1500	0	30	71	56	48	-	-	13.6	
Manaton	142	1019.7	+4	SE	1	b	58	92	8	-	-	-	0	0	1021.3	+14	W	4	c	62	92	7	5	-	-	9	9	450	1	*	77	54	50	-	-	13	
2 Shoreham	11	*	*	*	*	*	*	*	*	*	*	*	*	1019.9	+12	SSW	2	c	64	85	7	5	-	-	10	10	1500	0	*	78	60	52	-	-	14.0		
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	+2	SW	2	c	65	85	6	5	-	-	10	10	800	0	2	74	61	54	-	-	14.3		
Grinstead	5	1017.3	+6	SW	2	b	63	85	7	-	-	-	0	0	1019.7	+14	W	3	c	62	92	6	5	1	-	9	9	2500	0	2	74	59	58	-	-	14.2	
Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	1019.7	+16	SW	2	c	67	85	7	5	1	-	9	10	5700	0	*	81	61	57	-	-	14.1		
Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1017.4	+20	SW	3	bc	67	85	8	7	4	4	4.6	4.6	2500	0	*	76	64	62	-	-	10.6		
3 Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1017.5	+16	SW	2	c	63	92	8	5	-	-	10	10	2500	1	*	67	62	58	-	-	0.8		
Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1018.3	+16	SSW	3	c	65	85	7	5	3	-	3	3	1500	0	*	73	62	61	-	-	1.3		
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1018.2	+16	SW	2	id	63	92	6	5	-	-	10	10	1500	0	*	68	62	62	-	-	1.3		
4 Hartland Point	299	1019.0	+6	WSW	5	f	60	97	3	-	-	-	10	10	1017.9	+12	WSW	4	f	60	97	2	-	-	-	10	10	450	1	3	66	60	60	-	-	2.2	
Bristol	209	*	*	*	*	*	*	*	*	*	*	*	*	1018.7	+4	S	2	c	64	92	8	5	-	-	9	9	1500	0	*	67	61	59	-	-	4.5		
Portland Bill	32	1018.1	-4	WSW	3	f	60	92	3	5	-	-	10	10	1020.0	+12	WSW	3	f	59	92	2	5	-	-	10	10	450	1	3	62	58	58	-	-	0.0	
Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	+12	SSW	2	df	60	97	2	-	-	-	10	10	450	1	2	61	59	59	-	-	0.0		
The Lizard	240	1017.4	+4	SSW	2	cf	59	97	1	5	-	-	10	10	1018.8	+4	SW	2	df	59	97	1	5	-	-	10	10	220	1	2	62	58	58	-	-	1.2	
Seilly (St. Mary's)	163	1016.5	+4	SW	3	f	59	97	2	-	-	-	10	10	1018.2	+10	S	0	0	60	97	2	-	-	-	10	10	450	1	2	62	58	58	-	-	0.1	
Guernsey	175	1019.5	+2	SW	1	b	61	92	3	-	-	-	0	0	1020.5	+10	SE	1	bc	67	75	3	5	-	-	4.6	4.6	2500	0	1	72	59	55	-	-	12.6	
6 Pembroke	142	1015.7	+8	SW	4	f	58	97	3	-	-	-	10	10	1017.8	+6	SSW	3	z	59	97	6	5	2	-	7.8	10	1500	1	2	61	57	55	0.3	-	0.0	
Holyhead	28	1012.8	+4	SW	5	bc	57	92	7	8	4	-	2.3	2.3	1015.6	+18	SSW	4	9pr	58	92	7	5	7	-	7.8	9	450	1	3	60	56	55	5	-	0.0	
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	1016.6	+16	SSW	2	c	65	75	8	8	7	1	4.6	3	1500	1	*	71	61	54	Tr	-	0.2		
Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	1016.7	+6	S	1	c	62	85	8	8	3	4	4.6	7.8	2500	1	*	60	61	59	0.1	-	0.1		
10 Spurn Head	29	1015.0	+18	SW	3	c	65	85	7	5	-	-	10	10	1017.2	+16	SW	3	bc	67	65	7	5	6	-	2.3	4.6	2500	0	2	79	62	52	-	-	10.3	
Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	1016.0	+22	SSW	3	c	60	75	8	4	9	4	4.6	7.8	2500	0	1	69	59	52	Tr	-	0.0		
Tynemouth	108	1011.3	+12	SW	3	c	65	65	7	5	-	-	7.8	7.8	1014.3	+14	SW	4	c	61	65	7	2	6	-	4.6	7.8	2500	0	1	69	61	57	Tr	-	0.0	
11 St. Abbs Head	280	1008.6	+10	WSW	7	cq	61	85	8	8	3	9	4.6	7.8	1012.1	+12	WSW	4	c	59	85	8	8	7	-	4.6	7.8	2500	0	2	67	57	55	4	-	0.1	
Leuchars	38	*	*	*	*	*	*	*	*	*	*	*	*	1011.2	+26	SW	3	c	60	85	8	5	7	-	9	9	1500	1	*	66	58	58	8	-	0.5		
Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	1011.2	+20	SW	3	c	59	85	7	5	-	-	10	10	800	1	*	60	57	56	23	-	0.0		
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1014.1	+22	SW	5	ro	59	92	6	6	-	-	10	10	800	1	*	60	54	54	5	-	0.0		
Point of Ayre	730	1010.2	+14	SW	5	bc	58	97	7	5	-	-	2.3	2.3	1013.2	+14	W	5	c	59	85	8	5	7	-	2.3	9	1500	0	2	67	57	55	5	-	1.6	
13A Trossachs	22	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	+22	NW	4	id	58	97	7	-	2	-	9	9	1500	1	3	63	54	53	5	4	0.9		
13B Stornoway	80	1004.5	+6	-	0	rr	55	97	6	5	2	-	7.8	10	1500	1008.4	+16	WSW	1	rr	57	92	6	5	2	-	9	9	1500	1	1	59	54	50	4	1	0.8
15 Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	1010.4	+222																						