

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.

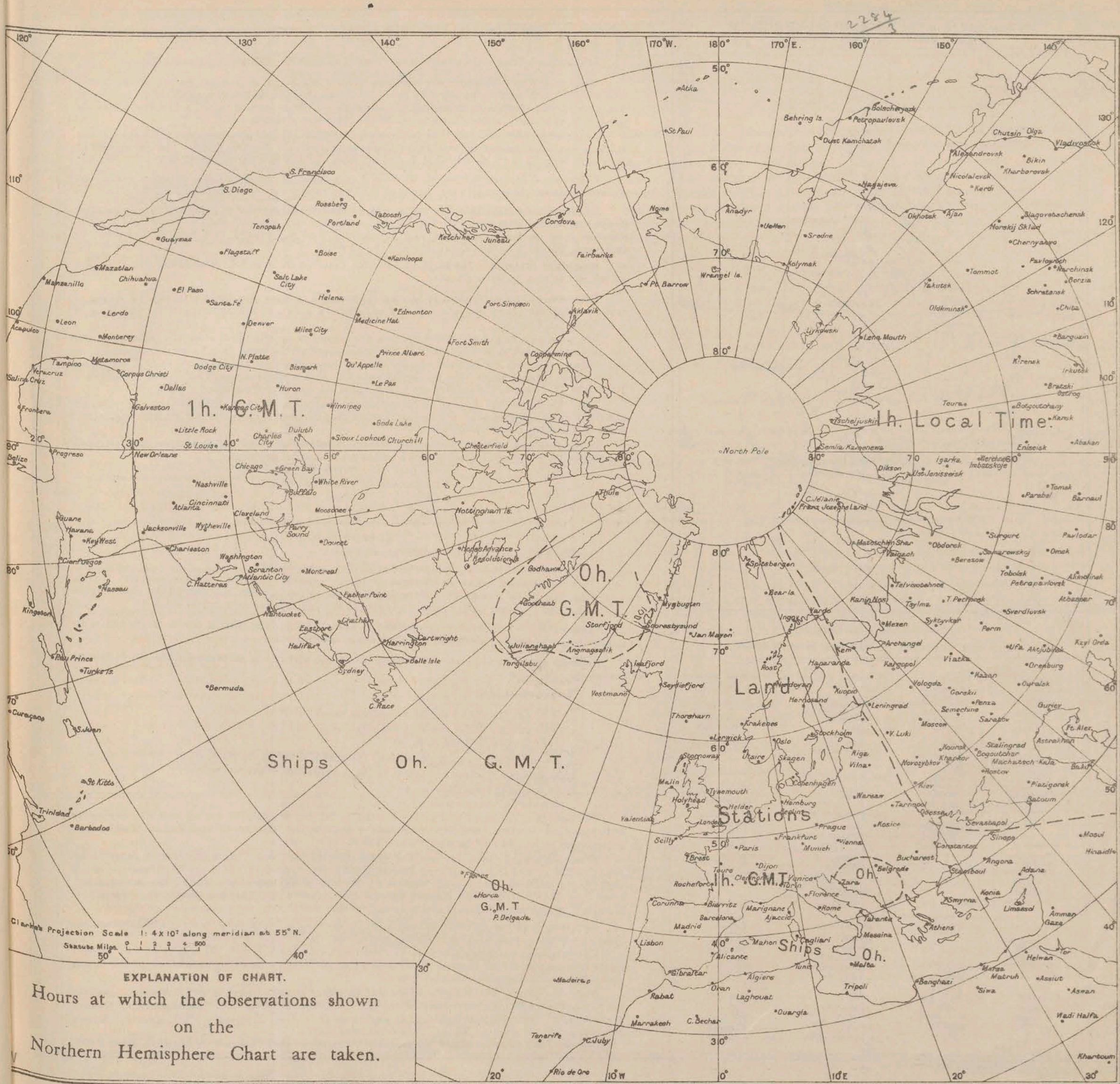
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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.



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. Limerick. 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.

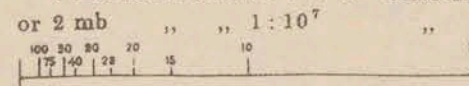
The wind at a height of 1,500-2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper 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 × 10⁷ 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.

Mainly fine at first then unsettled and rainy - sunshine deficient - temperature above average.

The month opened with mainly fine anticyclonic weather but after the 12th a series of depressions gave generally unsettled and rainy conditions for the rest of the month. A particularly vigorous disturbance west of Ireland caused gales in many places in the West and North on the 23rd, gusts of 56 m.p.h. and 52 m.p.h. being reported from Valentia and Pembroke respectively. Gales were also experienced in North Scotland on the 12th and 13th.

The deficiency of sunshine which has been a feature of the summer of 1938 extended into September. Nearly all areas gave totals of from 20 to 30 hours below the normal for the month and at Birmingham the deficit amounted to 35 hours and at Dublin 46 hours.

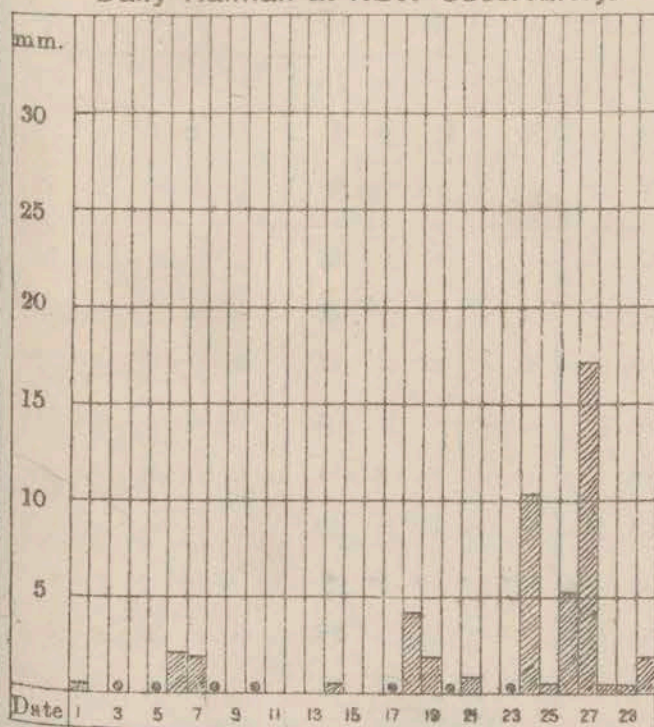
In Scotland, most of Ireland and locally in England rainfall exceeded the normal, but over parts of England and Wales the rainy period of the latter half of the month failed to bring totals up to average. (Sealand only 48% of average). Among the heavy daily falls was 1.86 ins. (47 mm) at Dunoon during the 24 hours ending 6 p.m. on 16th. The heavy rain which fell in London during the night 24th - 25th caused considerable flooding in northeast districts and the 1.22 ins. (31 mm.) recorded at Croydon was the highest daily total since December 14th, 1936. (1.22 ins).

Low night temperatures were experienced in the early part of the month. On the 2nd Dalwhinnie recorded a minimum of 26°F. in the screen and 16°F. on the grass and ground frosts were common inland. Temperatures subsequently rose and with the onset of mild south to southwest winds towards the middle of the month some high temperatures were enjoyed. Southend reached 82°F. on the 12th and 13th, London 80°F. on 12th, and Hunstanton 80°F. on 23rd, and night minimum temperatures were high for the time of year. For the month as a whole temperatures were above normal especially in Scotland. At Renfrew the mean maximum of 62°F has only been exceeded once in September since 1921, (64.8°F in 1935).

Fog was particularly persistent in eastern coastal districts from 26th to 29th and was widespread inland during the morning of 26th to 28th.

Thunderstorms were infrequent but occurred locally on 1st, 6th, 18th, 19th, 21st and 27th.

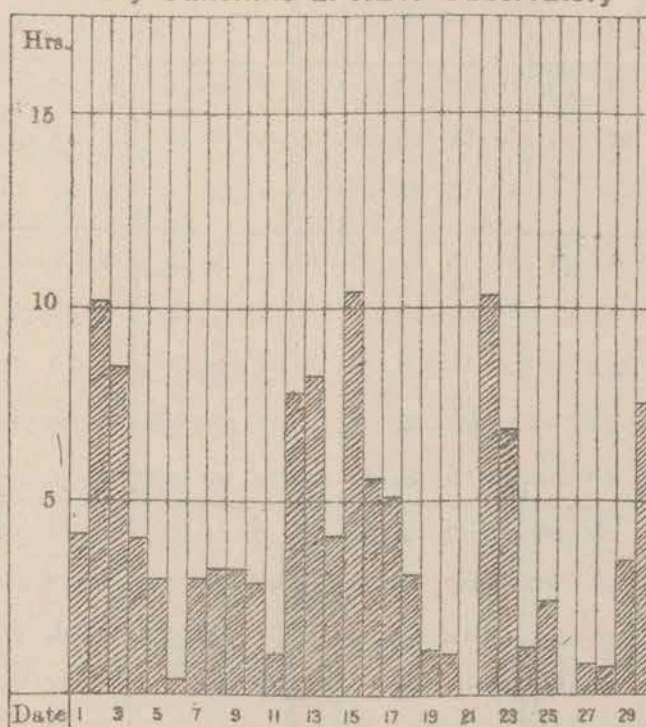
Daily Rainfall at KEW Observatory.



* = Less than 0.5 mm.

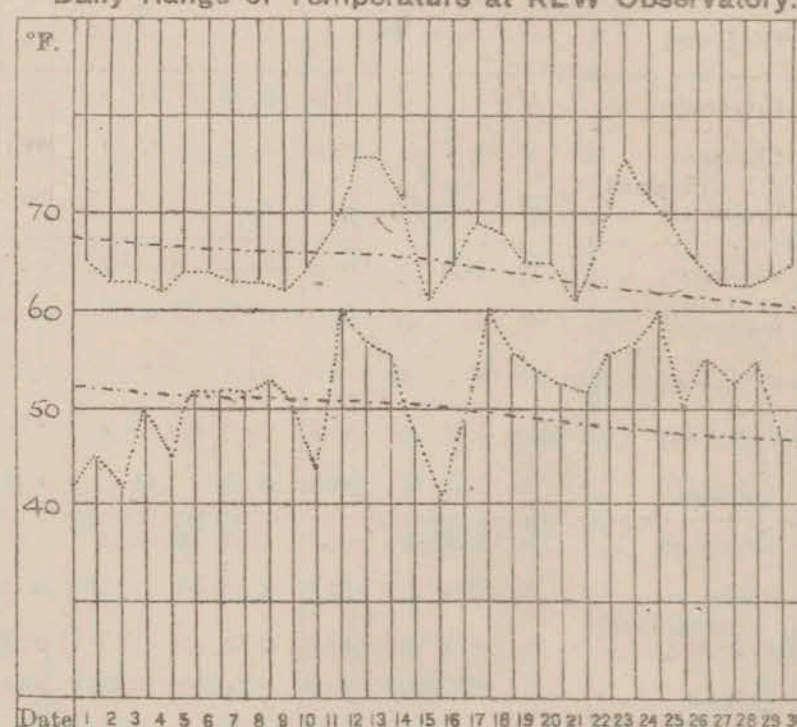
RAINFALL Total for Month. 49 mm.

Daily Sunshine at KEW Observatory



SUNSHINE Total for Month. 125 hrs.

Daily Range of Temperature at KEW Observatory.



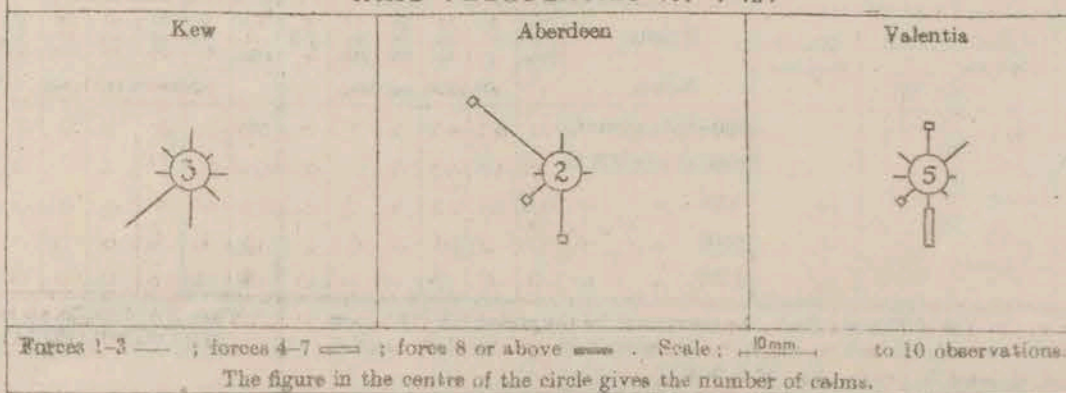
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1016.4	-1.0	°F. 58.9	+0.4
Aberdeen	1013.5	-1.0	54.7	+1.5
Valentia	1015.3	-1.0	56.9	+0.3

*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 15 h. daily 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	4819
Aberdeen	4,266
Lerwick	9749
Valentia	7,663

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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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		Maximum.		Average Maximum.	Minimum.		Average Minimum.	Highest Max.		Lowest Max.		Highest Min.		Lowest Min.		Number of Ground Frosts.	Below 1,000 ft.		1,000-5,000 ft.		5,000-8,000 ft.		Below 1,000 ft.		1,000-5,000 ft.		5,000-8,000 ft.		Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		51°-59° 60°-68° 69°-77° 78°-86°			24°-32° 33°-41° 42°-50° 51°-59° 60°-68°			Highest Max. Date.	Lowest Max. Date.	Highest Min. Date.	Lowest Min. Date.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

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.		
										kilometres per hour.						kilometres per hour.						kilometres per hour.						kilometres per hour.								
950	1,860	53.6	54.0	44	52.0	42		500 above ground.	110	47	49	9	1	0	59	35	20	3	0	0	74	36	29	8	0	0	74	26	34	8	2	1	500 above ground.			
850	4,870	43.9	44.1	44	43.3	42		1000 above M.S.L.	90	42	43	4	0	0	44	26	12	5	1	0	52	21	25	6	0	0	54	24	19	7	3	0	1000 above M.S.L.			
750	8,210	36.2	36.1	44	35.1	42		2000 " "	49	20	23	6	0	0	16	12	4	0	0	0	25	9	13	2	1	0	24	9	14	1	0	0	2000 " "			
650	11,960	25.2	26.0	44	25.4	42		3000 " "	17	3	14	0	0	0	12	6	6	0	0	0	12	2	10	0	0	0	21	5	15	1	0	0	3000 " "			
550	16,200	10.6	11.5	44	11.2	42		4000 " "	3	0	3	0	0	0	8	2	6	0	0	0	8	1	3	4	0	0	14	2	8	3	1	0	4000 " "			

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

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

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

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

SUNSHINE, RAINFALL, AND HUMIDITY SEPTEMBER 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.	Hours.	Hours.	Hours.							Hours.	First year of record.	Highest.	Year.	Lowest.	Year.	0, trace or 0.1 mm.	0.2-1 mm.			1.1-5 mm.
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympne	2 9 11 5 3	10.4 15	1389 -80	125 -21	1880	224 11 90 36	15 6 6 2 1 0	17 27	442 -164	49 +1	1856	145 18 4 29	1 0																		
2	Shoeburyness Gorleston Cranwell <i>Stat</i>	2 9 6 7 6 5 8 7 5 5 2 18 7 1 2	11.1 2 10.5 2 11.3 2	1564 -152 1480 -163 1360 -178	144 -19 137 -21 121 -22	1919 1908 1921	237 29 108 36 222 28 109 32 186 33 87 31	15 5 8 2 0 8 16 1 6 7 0 0 16 3 8 3 0 0	8 26 7 14 15 19	459 -44 469 -153 546 -44	36 -6 60 +10 57 +12	1920 1871 1917	93 20 8 28 163 30 4 98 126 35 12 28	0 0 3 0 4 0																		
3	Birmingham (Edgbaston)	3 16 6 2 3	11.0 13	1189 -115	89 -35	1887	216 95 67 69	14 6 7 2 1 0	17 30	594 -80	48 +2	1893	165 18 12 25	1 0																		
4	Ross-on-Wye	1 14 9 4 2	9.7 13	1389 -96	105 -31	1915	205 29 91 36	15 7 7 1 0 0	7 27	492 -225	29 -20	1859	174 76 2 65	1 0																		
5	Falmouth (Observatory)	4 6 10 5 5	12.4 2	1622 -88	147 -11	1881	235 06 93 32	15 4 10 0 1 0	18 19	850 -257	45 -29	1871	206 18 9 95	0 0																		
7	Holyhead	3 13 5 4 5	12.1 2	1513 -37	123 -20	1914	209 33 107 16	10 10 6 4 0 0	11 30	844 -43	49 -19	1871	188 18 7 94	0 0																		
8	Chester (Sealand)	4 15 5 3 3	12.3 2	1314 -62	99 -31	1923	174 33 80 36	17 6 6 1 0 0	7 30	607 -54	25 -27	1922	118 35 12 33	0 0																		
10	Tynemouth	5 10 10 2 3	12.1 12	1212 * 98 *	* *	1935	* * *	14 5 10 1 0 0	7 18	625 +4	42 -4	1915	115 18 22 21	0 0																		
11	Leuchars	9 7 6 4 4	11.3 8	1394 -76	115 -24	1922	161 28 82 26	12 6 6 5 1 0	18 13	682 +29	74 +25	1922	126 27 13 29	0 0																		
12	Renfrew	5 9 13 1 2	10.1 2	1233 +40	97 -21	1921	152 28 73 36	11 4 11 3 1 0	19 16	936 -3	77 +11	1921	157 35 16 33	0 0																		
	Eskdalemuir	6 13 8 1 2	11.0 8	1185 -16	79 -32	1910	153 33 75 31	11 4 9 4 1 1	41 16	1538 +109	119 124 +30	1910	242 18 25 10	1 0																		
13a	Stornoway	5 11 6 6 2	11.5 7	1152 -63	112 +2	1881	175 03 73 87	6 9 11 2 1 1	34 17	1060 -206	107 +7	1870	201 00 12 94	0 0																		
15	Aberdeen	5 10 5 7 3	11.2 8	1262 -67	115 -11	1881	159 06 57 81	13 5 7 3 2 0	23 6	748 0	87 91 +35	1871	162 27 14 94	2 0																		
18	Aldergrove	5 8 9 7 1	9.2 8	1195 * 104 *	* *	1927	175 33 96 31	13 5 8 3 1 0	18 28	755 -83	70 +7	1926	143 34 13 33	1 0																		
19	Dublin (Phoenix Park) Birr Castle	2 16 8 3 1 3 13 7 6 1	9.7 8 9.2 24	1154 -283 1198 -108	84 -46 100 -19	1881 1881	185 95 77 16 182 95 80 08	11 11 7 1 0 0 10 10 8 2 0 0	10 28 13 28	631 -71 827 0	35 -14 52 -6	1865 1862	171 30 3 65 172 24 8 94	0 0 0 0																		
20	Valentia (Cahiriveen)	7 10 4 6 3	11.6 3	1360 -8	107 -20	1880	205 33 78 22	6 9 7 5 2 1	30 21	1367 -47	153 154 +46	1806	253 75 24 09	0 0																		

MINIMUM SURFACE HUMIDITY.

NO. OF DAYS (MDT. TO MDT.) WITH MINIMA BETWEEN FIXED LIMITS.

STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew)	0	0	1	4	8	10	6	1	0	0
Ross-on-Wye	0	0	3	8	8	8	3	0	0	0
Falmouth (Obey.)	1	3	5	11	9	1	0	0	0	0
Renfrew	0	0	6	7	10	5	2	0	0	0
Eskdalemuir	0	3	4	5	11	4	3	0	0	0
Aberdeen	1	1	5	9	8	5	1	0	0	0
Valentia	0	3	4	12	9	2	0	0	0	0

STATE OF GROUND AT 18 h.

NO. OF DAYS EACH TYPE WAS RECORDED.

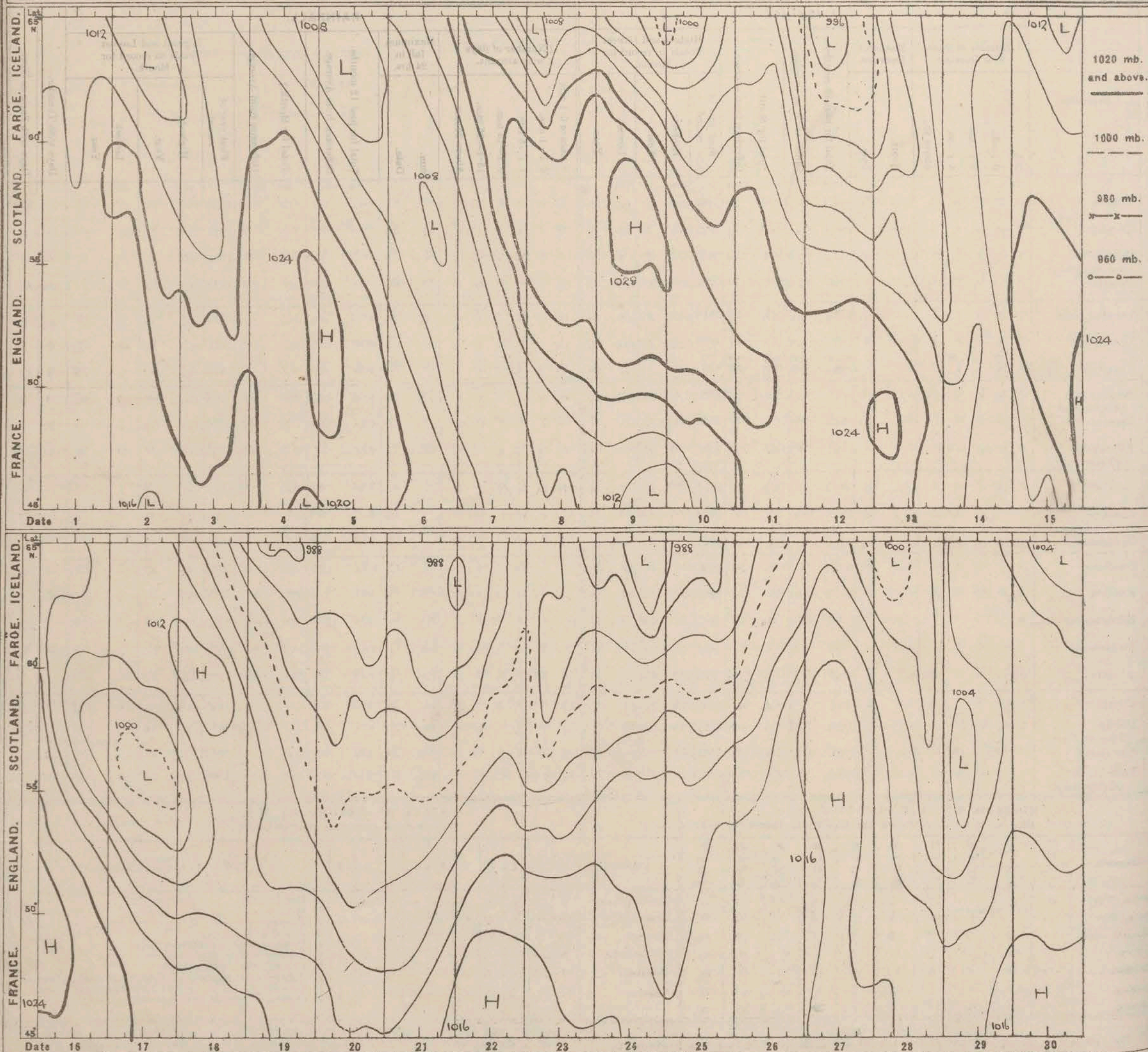
STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	13	17	0	0	0	0	0	0	0	0	0 Dry.
Ross-on-Wye	16	14	0	0	0	0	0	0	0	0	1 Wet.
Renfrew	13	17	0	0	0	0	0	0	0	0	2 Flooded.
Eskdalemuir	5	24	1	0	0	0	0	0	0	0	3 Frozen hard and dry.
Aberdeen	9	21	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.
Valentia	10	20	0	0	0	0	0	0	0	0	5 Covered with ice or glazed frost.
											6 Covered with thawing snow.
											7 Covered with snow, less than 6 ins., but ground not frozen.
											8 Covered with snow, less than 6 ins., and ground frozen.
											9 Covered with snow, greater than 6 ins. deep.

** The extremes 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 SEPTEMBER 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 19h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

1 Sea disturbance reported from Dungeness.

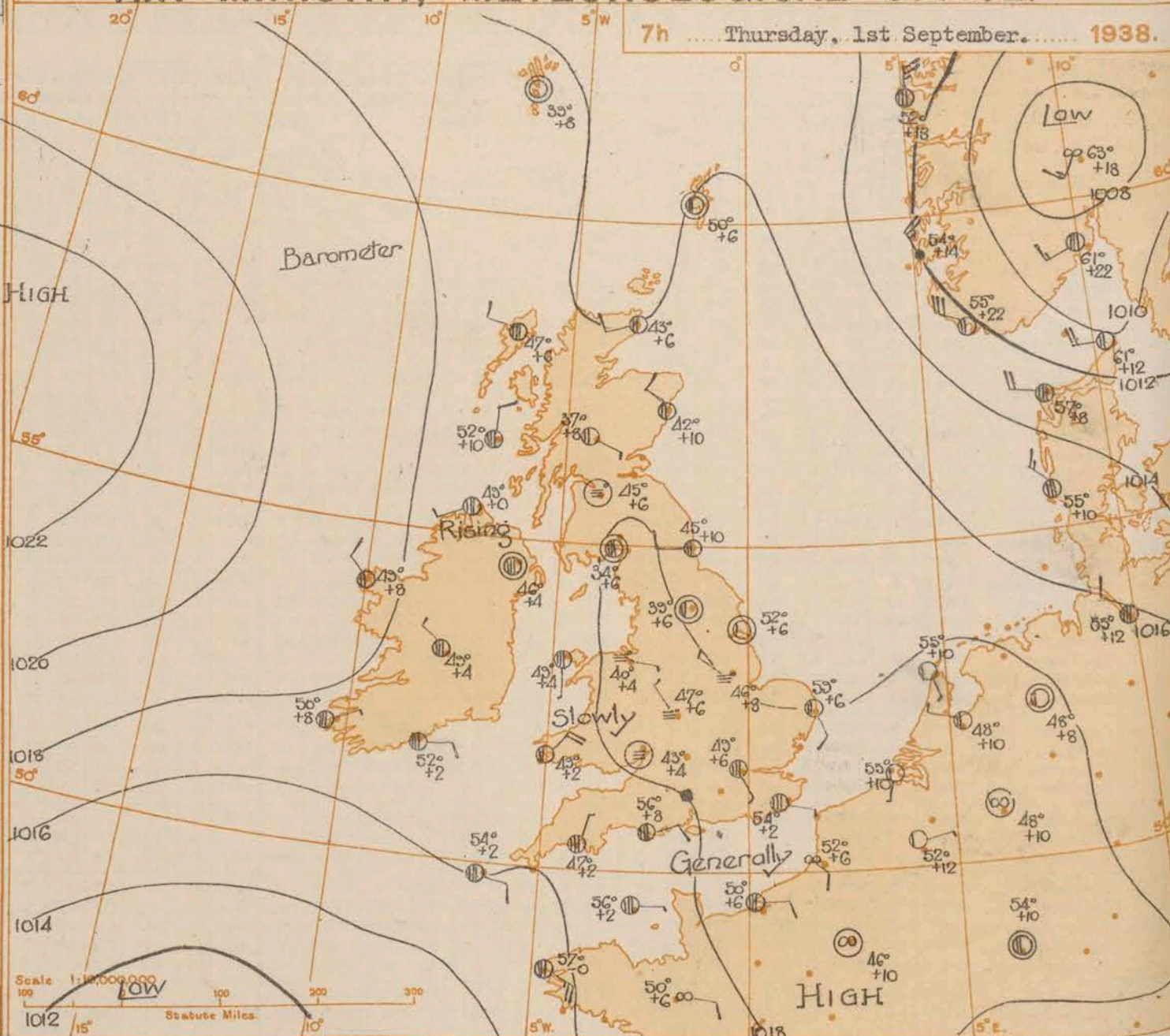
REPORTS from HEALTH RESORTS for 31st August 1938.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. 9h. to 3h.	Max. 3h. to 9h.	Night. 9h. to 3h.	Day. 9h. to 3h.	Sunrise to 17h.	Sunset to 30th.
1 Tunbridge W.	oebc	becac	38	63	-	-	5.1	5.5
Bournemouth	b	bac	43	68	-	-	8.5	8.2
Ventnor	bcb	bbcb	51	69	-	-	8.6	4.3
Southsea	bcb	bc	49	64	-	-	5.6	3.3
Bognor Regis	bc	bc	49	64	-	-	4.9	2.3
Littlehampton	bc	bcc	45	64	-	-	5.7	2.7
Worthing	b	bbcc	49	64	-	-	6.2	2.9
Brighton	bc	bc	48	65	-	-	5.9	3.2
Eastbourne	c	cbe	49	63	-	-	2.9	6.6
Hastings	cbe	cbe	48	63	-	-	4.2	8.2
Folkestone	bc	cbe	50	65	-	-	1.6	6.8
Dover	bcc	cbe	50	63	2	-	4.4	9.5
Deal	bcb	bcb	49	64	Trace	-	7.2	9.7
Ramsgate	bc	bc	51	64	Trace	-	8.3	9.7
Margate	bc	bc	55	63	-	-	9.4	10.1
2 Southend	cmc	c	47	68	-	-	3.5	5.0
Clacton-on-Sea	bez	bcc	45	64	-	-	4.3	7.4
Dovercourt	bcc	bcc	52	63	-	-	4.1	7.3
Lowestoft	bacc	bacc	44	63	-	0.1	4.2	10.2
Skegness	bc	errbc	45	59	-	3	5.1	6.9
Mablethorpe	bc	bc	42	59	-	-	8.4	8.0
Cleethorpe	bc	bc	47	62	-	-	8.4	5.5
3 Leamington S.	cbe	co	41	63	-	-	5.4	4.8
4 Cheltenham	zbbcc	cbcc	41	63	-	-	8.2	6.8
5 Bath	b	bcb	44	65	-	-	8.8	6.8
Weymouth	b	cb	45	65	-	-	7.4	9.2
Jersey	bcb	b	49	64	-	-	10.5	8.8
Torquay	wb	bbcv	44	62	-	-	9.9	8.1
Falmouth	b	c	44	61	-	-	5.0	11.3
Penzance	bcb	bcb	44	62	-	-	9.2	9.8
St. Ives	b	b	45	65	-	-	8.8	12.3
Bude	wbbcb	b	40	60	0.5	-	9.0	9.3
Ilfracombe	bcb	b	49	62	-	-	11.2	7.1
6 Aberystwyth	crbcb	bc	43	59	Trace	-	7.3	8.1
7 Llandudno	bcb	b	45	58	3	-	9.4	7.9
Colwyn Bay	bcb	bcb	47	59	0.5	-	10.6	7.7
Rhyl	bcb	b	42	58	3	-	10.4	7.3
8 Wallasey	bcb	b	49	61	0.3	-	9.6	7.3
Southport	bcb	byv	42	63	0.1	-	9.3	7.4
Blackpool	b	bcbcb	42	60	0.3	-	9.7	8.0
Morecambe	bcb	b	42	60	-	-	11.5	7.4
9 Ilkley	bc	bc	42	62	1	-	7.1	6.8
Harrogate	bcb	bcb	43	59	5	0.1	7.0	4.4
10 Berwick-on-T.	bc	crb	37	55	-	Trace	5.0	2.2
11 Dunbar	bcb	bc	39	55	2	-	1.8	1.9
12 Troon	bcbcb	bcbcb	43	58	-	-	9.0	8.6
Douglas	b	b	46	58	-	-	10.8	10.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 1st September, 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.

Pressure is very uniform and relatively high over France and the British Isles and low over Southern Scandinavia and the Bay of Biscay. Weather will continue mainly fair with average day temperature and ground frost at night.

FURTHER OUTLOOK.

No important change.

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

1 S.E. England	
2 E. England	Light variable winds; bright periods; a few scattered showers;
3 E. Midlands	local morning fog; average day temperature; ground frost locally
4 W. Midlands	at night.
5 S.W. England	
6 South Wales	Light to moderate easterly to variable winds; bright periods,
7 North Wales	slight local rain; average day temperature; slight ground frost
8 N.W. England	locally at night.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	As 1 - 4.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scot- land.	
14 Mid Scotland	Light to moderate westerly winds; bright periods; local showers;
15 N.E. Scotland	average day temperature; ground frost locally at night.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	Light to moderate variable to northwesterly winds; bright periods;
19 S.E. Ireland	a few scattered showers; average day temperature; ground frost inland
20 S.W. Ireland	at night.

HM Stationery Office Press, London, E.C.2

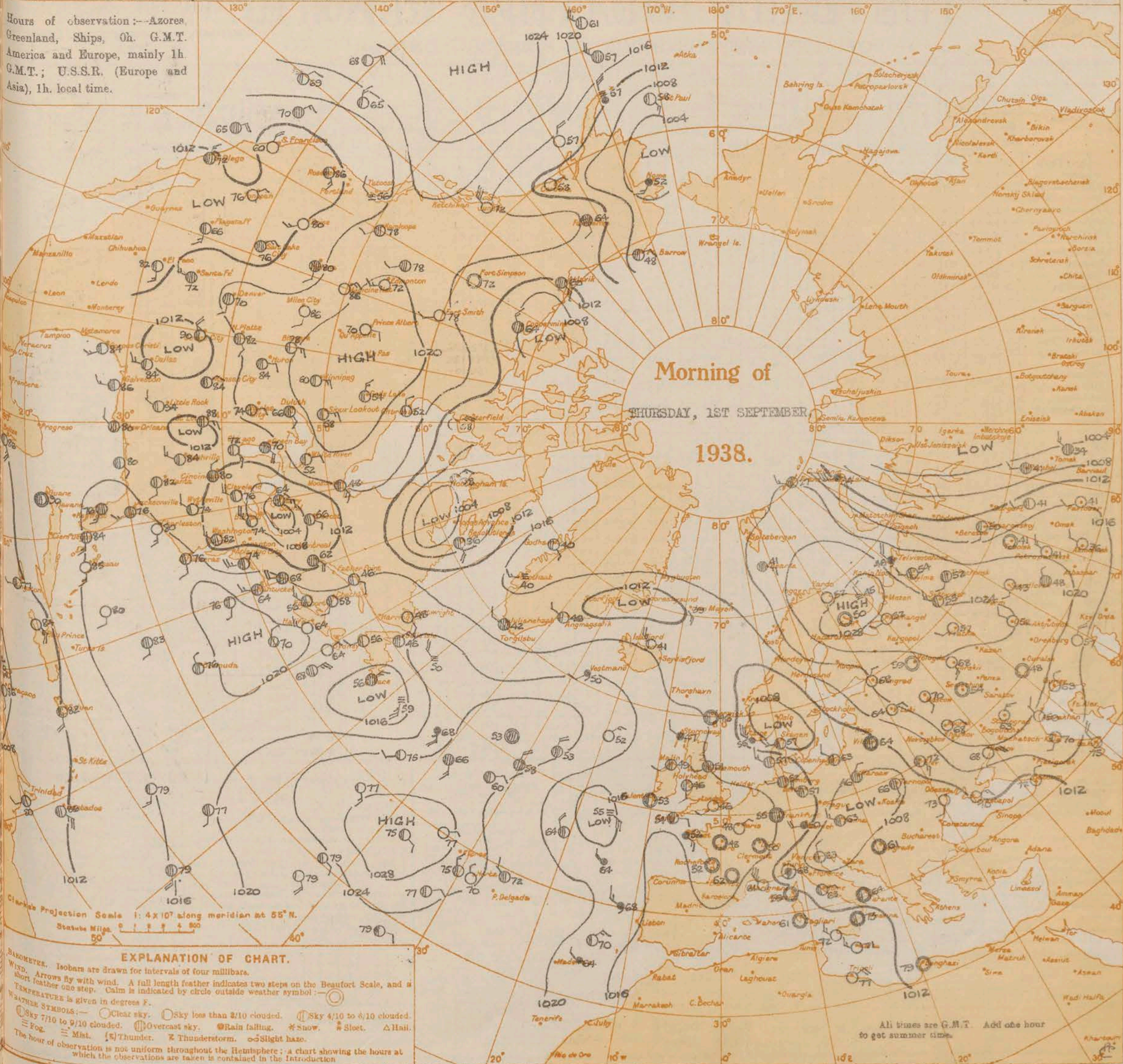
As 5 - 6.

Forecasts issued at 1000 C.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, 1st September, 1938.

No. 28042.

OBSERVATIONS at 1 hr. G.M.T. 1st September														OBSERVATIONS at 7 hr. G.M.T. 1st September														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. (6)	Humid. (7)	Visib. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. (20)	Humid. (21)	Visib. (22)	Cloud.					State of Ground. (29)	TEMPERATURE.			RAINFALL.		SUN-SHINE (36)			
					Dir.	Force (4)					Form.			Amount.				Height of Base. (feet) (14)	Dir.					Force (18)	Form.			Amount.		Height of Base. (feet) (28)	Max. Day 7h-12h (31)	Min. Night 12h-7h (32)	Min. on Grass (33)	Day 7h-12h (34)		Night 12h-7h (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	*	*	*	*	*	*	*	*	*	*	*	1018.2	+0	*	*	*	*	47	92	4	*	*	2	0	4.0	1	*	64	42	33	-	-	5.8			
	Croydon	217	1017.5	+2	SW	2	2	46	85	G	-	-	-	0	0	*	SSE	0	2	47	92	G	4	-	2	0	4.0	1	*	65	43	40	-	-	5.9			
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1018.4	+8	*	0	0	30	97	5	5	3	2	0	4.0	1	*	65	34	31	-	-	5.7				
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1018.1	+0	ENE	1	0	45	92	8	-	-	4	0	4.0	1	*	63	41	32	-	-	5.0				
	Calshot (Station)	8	*	*	*	*	*	*	*	*	*	*	*	1017.8	+2	N/E	2	0	50	92	6	5	-	5	4.0	7.8	2500	1	*	65	40	45	-	-	8.8			
	Lymington	348	1018.3	+2	*	0	0	48	92	7	-	-	-	0	0	*	SSE	1	0	54	85	7	5	-	4	7.8	9	4000	0	1	61	47	37	-	-	5.7		
	Marston	142	1017.8	+2	SSW	1	0	52	85	G	-	-	-	0	2.3	*	*	0	52	85	G	-	-	3	0	7.8	-	0	62	48	38	-	-	8.6				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1018.3	+8	SW	1	0	51	92	4	-	-	4	0	2.3	-	0	65	42	36	-	-	4.7				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1018.4	+8	*	0	0	54	85	G	5	-	2	0	4.0	2500	0	2	64	47	46	-	-	5.8			
	Gorleston	5	1017.2	+4	*	0	0	51	85	7	-	-	-	0	0	*	SSE	2	0	59	95	G	-	-	1	0	2.3	-	0	61	48	46	0.1	-	4.3			
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1018.4	+10	SE	1	0	41	97	5	-	-	1	0	2.3	-	1	65	35	32	-	-	4.5				
	Granwell	240	*	*	*	*	*	*	*	*	*	*	*	1018.0	+8	NW	1	0	42	85	4	-	-	9	0	Tr	-	0	64	44	40	-	-	5.8				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1018.7	+0	NNW	1	0	47	85	4	-	-	1	0	2.3	-	1	62	43	29	-	-	7.6				
4	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1018.2	+0	NW	1	0	45	92	4	-	-	3	0	2.3	-	0	64	42	30	-	-	*				
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1018.5	+4	*	0	0	43	92	3	5	-	2	0	4.0	4150	0	*	63	38	31	-	-	7.3			
5	Hartland Point	299	1016.7	-2	SE	2	2	54	75	9	2	4	-	2.3	2.3	1500	1016.6	+4	E	3	0	53	85	8	2	4	2	2.3	7.8	1500	0	1	62	48	46	-	-	12.7
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1018.2	+4	*	0	0	45	97	5	7	3	-	2.3	4.0	4000	0	1	65	41	32	-	-	9.0			
	Portland Bill	32	1016.3	-2	ENE	2	2	54	85	7	5	-	-	2.3	2.3	2500	1016.8	+8	ENE	2	0	59	92	7	5	8	-	4.0	9	2500	1	2	62	53	*	-	*	
	Plymouth	82	1016.3	-2	ENE	2	2	54	85	7	5	-	-	2.3	2.3	2500	1016.9	+2	NNE	1	0	47	92	8	5	3	-	4.0	9	4000	1	0	61	44	41	-	-	5.9
	The Lizard	240	1016.5	-8	NE	2	0	51	85	8	7	-	-	2.3	2.3	4000	1015.9	0	SE	2	0	55	85	8	5	-	10	10	2500	1	1	64	50	*	-	-	12.4	
	Scilly (St. Mary's)	163	1016.4	-8	E	2	0	54	92	8	5	-	-	3	3	2500	1016.1	+2	SSE	2	0	54	85	8	8	2	-	4.0	9	1500	0	1	64	50	*	-	-	12.7
	Guernsey	175	1016.7	-2	*	0	0	47	97	7	-	-	-	0	2.3	-	1016.8	+2	E	1	0	62	75	9	-	3	-	0	3	-	0	1	61	46	40	-	-	12.7
6	Penrhybe	142	1017.0	0	NE	3	0	49	85	9	-	-	-	0	1	-	1017.7	+2	NE	4	0	49	75	8	1	3	1	2.3	4.0	4000	1	0	61	46	*	-	-	5.8
7	Holyhead	26	1017.6	0	SE	2	0	46	85	7	5	-	-	2.3	2.3	800	1017.2	+4	S	1	0	49	95	9	8	-	9	9	2500	1	0	58	46	37	-	-	12.7	
8	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.5	+4	SEE	1	0	40	92	4	2	8	9	Tr	2.3	2500	1	*	60	38	32	-	-	12.2
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.5	+8	SEE	1	0	41	97	4	5	3	-	Tr	1	5700	1	*	62	32	28	-	-	9.2
10	Spurn Head	29	1016.9	0	SW	2	0	54	85	7	-	-	-	0	4.0	-	1017.9	+0	*	0	0	52	85	5	-	-	0	Tr	-	1	0	62	50	*	-	-	10.2	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.8	+0	*	0	0	39	97	7	5	-	0	Tr	4.0	2500	1	*	62	35	32	2	Tr	5.1
	Tynemouth	108	1016.4	0	SW	2	0	51	85	6	5	-	-	10	10	1500	1016.8	+10	W	2	0	45	92	6	2	4	1	2.3	4.0	2500	0	1	58	44	41	Tr	0.1	8.1
11	St. Abbs Head	280	1016.4	+2	WNW	3	0	49	75	8	8	4	-	4.0	4.0	2500	1016.9	+8	NW	2	0	49	75	7	5	7	1	4.0	7.8	2500	0	1	50	48	*	0.6	-	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.8	+8	SW	1	0	44	97	7	5	9	-	2.3	7.8	5700	1	*	56	39	31	Tr	-	9.7
12	Renfrew (Abbots L)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.8	+0	*	0	0	45	97	4	5	3	-	7.8	9	4000	1	*	60	39	34	-	-	9.9
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.2	+0	*	0	0	34	97	8	5	7	-	7.8	9	2500	1	*	59	32	26	Tr	Tr	3.8
	Point of Ayre	30	1017.0	+2	NW	2	0	53	85	8	4	-	-	2.3	2.3	4000	1017.3	0	WSW	1	0	51	92	8	8	7	-	4.0	9	2500	0	1	60	44	*	-	-	11.1
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.1	+10	NE	2	0	52	85	9	2	3	1	2.3	7.8	4000	1	1	57	44	30	1	2	5.7
13b	Stornoway	80	1016.2	+2	WNW	1	0	47	92	8	8	-	-	9	9	1500	1016.6	+0	WNW	2	0	47	85	9	8	7	-	4.0	7.8	1500	1	1	50	44	*	3	1	4.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	+8	SE	1	0	37	97	8	4	5	5	1	4.0	4000	5	*	58	34	26	-	0.3	6.1
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.9	+10	NW	2	0	42	97	7	8	-	3	2.3	2.3	4000	0	1	55	41	87	Tr	-	5.4
	Wick	81	1015.2	0	S	2	0	47	92	8	5	7	-	7.8	9	1500	1015.8	+0	WSW	2	0	43	97	8	5	7	3	1	4.0	2500	1	1	56	38	*	Tr	0.1	*
16	Lerwick	156	1015.3	+3	*	0	0	46	92	8	5	-	-	2.3	2.3	1500	1016.5	+0	*	0	0	50	85	8	5	4	2	2.3	2.3	4000	0	*	55	45	*	-	-	5.4
17	Blackod Point	18	1017.8	0	*	0	0	5																														

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD

CLOUD.

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

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

Cloud form abbreviations:—		(Cf may occur with any of the types 1 to 8).	
Cirrus, -Ci:	Cirrocumulus, -Cc:	Cirrostratus, -Cs:	Alto cumulus, -Ac:
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.	8 .. " ground not frozen.
3 .. " frozen hard and dry.	9 .. " covered with snow, less than 6 ins., but
4 .. " partly covered with snow or hail.	10 .. " ground frozen.
5 .. " covered with ice or glazed frost.	11 .. " covered with snow greater than 6 ins. deep

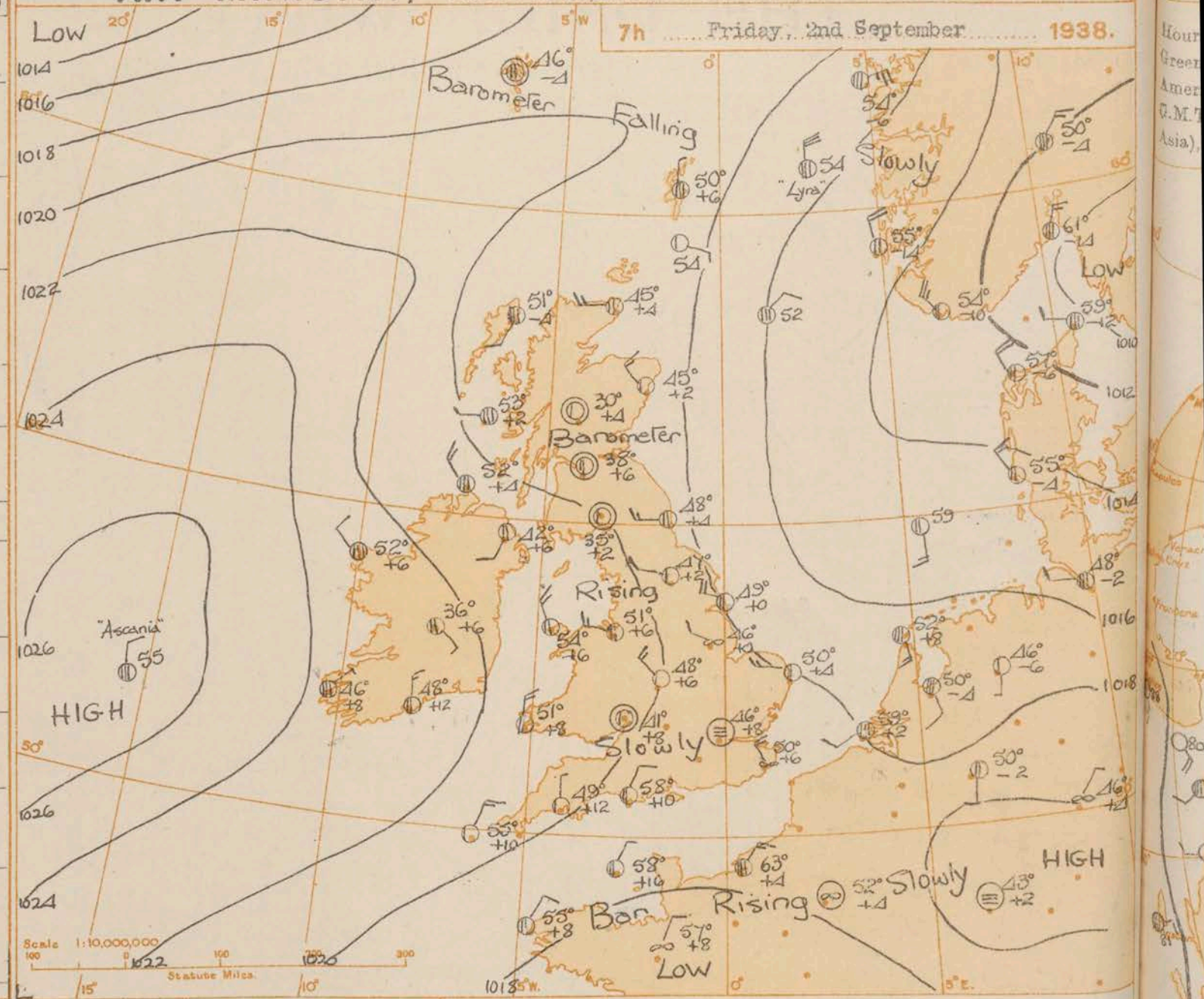
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2

REPORTS from HEALTH RESORTS for 1st September 1938.

STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
	Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunset to 31st.
			9h. 1st.	9h. 1st.	9h. 1st.	9h. 1st.	1st.	1st.
1 Tunbridge W.	ooc	ooc	40	67	-	Trace	3.4	5.1
Bournemouth	bcc	c	42	64	-	-	3.0	3.6
Ventnor	bo	oau	51	68	-	2	3.0	3.9
Southsea	bcc	ooc	47	64	-	2	2.3	6.5
Bognor Regis	bc	bccor	47	64	-	2	4.4	4.9
Littlehampton	bc	bccor	46	64	-	2	6.4	5.7
Worthing	bcb	bccor	47	65	-	2	5.9	6.2
Brighton	bcb	bcc	46	66	-	1	6.9	5.9
Eastbourne	bcc	ooc	47	65	-	0.4	4.5	3.0
Hastings	n.bcb	bccap	49	67	Trace	Trace	4.2	4.2
Folkestone	bcb	bcc	47	69	-	-	(4.0)	2.0
Dover	bc	bcc	46	67	-	-	5.5	4.8
Deal	bc	bcc	46	67	-	-	5.4	7.3
Ramsgate	bc	bc	53	66	-	-	6.4	8.4
Margate	bc	bc	52	66	-	-	7.4	3.8
2 Southend	cc	co	51	66	-	-	2.4	3.5
Clacton-on-Sea	bcc	bcc	48	65	-	-	5.5	4.4
Dovercourt	bcc	bcc	50	67	-	-	6.5	4.3
Lowestoft	bcc	bcc	45	66	-	-	7.2	4.8
Skegness	bcc	b	47	62	Trace	-	3.0	5.1
Mablethorpe	b	bc	43	60	-	-	3.6	8.4
Cleethorpe	bc	bcc	44	63	2	-	8.9	8.4
3 Leamington S.	bc	co	39	65	-	-	6.6	5.4
4 Cheltenham	bc	bcc	41	64	-	-	5.1	8.2
5 Bath	bcc	bcc	41	65	-	-	6.4	3.2
Weymouth	bcc	c	43	63	-	-	2.3	8.0
Jersey	bcc	co	50	66	-	0.1	2.2	12.1
Torquay	co	pcc	43	60	-	0.2	1.2	9.9
Falmouth	ooc	c	48	58	Trace	0.3	0.0	7.0
Penzance	ooc	cd.c	46	58	0.5	Trace	0.0	10.7
St. Ives	o	o	53	62	-	4	0.0	10.3
Bude	bcc	bcc	41	62	-	-	3.5	10.6
Ilfracombe	bcc	bc	52	62	-	-	5.7	12.7
6 Aberystwyth	Wbc	bc	40	60	-	-	10.3	8.7
7 Llandudno	bcc	bcc	41	61	-	-	5.9	11.1
Colwyn Bay	bcc	bcc	45	59	-	-	6.4	12.5
8 Rhyl	bc	bcc	38	60	-	-	7.0	11.3
9 Wallasey	bc	bcc	47	61	-	-	6.1	11.3
Southport	ooc	bcc	46	61	-	-	3.6	10.5
Blackpool	ooc	pcc	46	59	3	Trace	1.7	10.9
Morecambe	bcc	bcc	40	59	-	-	3.8	13.5
10 Ilkley	bcc	bcc	38	62	-	-	6.7	8.6
Harrogate	bcc	bcc	39	60	-	-	6.7	7.8
11 Berwick-on-T.	c	c	43	56	-	4	4.1	5.0
Dunbar	bc	ooc	41	56	-	4	3.1	2.4
12 Troon	ooc	bcc	47	57	Trace	-	2.4	10.6
Douglas	bcc	c	45	59	-	-	2.5	12.6

† 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 September, 1938.
1 S.E. England	Light to moderate variable winds, mainly from between north and west; bright periods, scattered showers of rain or hail with perhaps thunder locally; local morning fog; average day temperature, ground frost locally at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light to moderate northeasterly to variable winds; mainly fair; average temperature.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Light to moderate variable to westerly winds; mainly fair today, occasional rain tomorrow; average temperature.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	As 1 - 4.
19 S.E. Ireland	
20 S.W. Ireland	

N.H. Stationery Office Press, London 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.

An anticyclone to the west of Ireland is moving slowly southeastwards while a depression over the Southern Baltic is moving northwestwards. Weather will be fair generally apart from scattered showers of rain or hail with perhaps thunder locally.

FURTHER OUTLOOK.

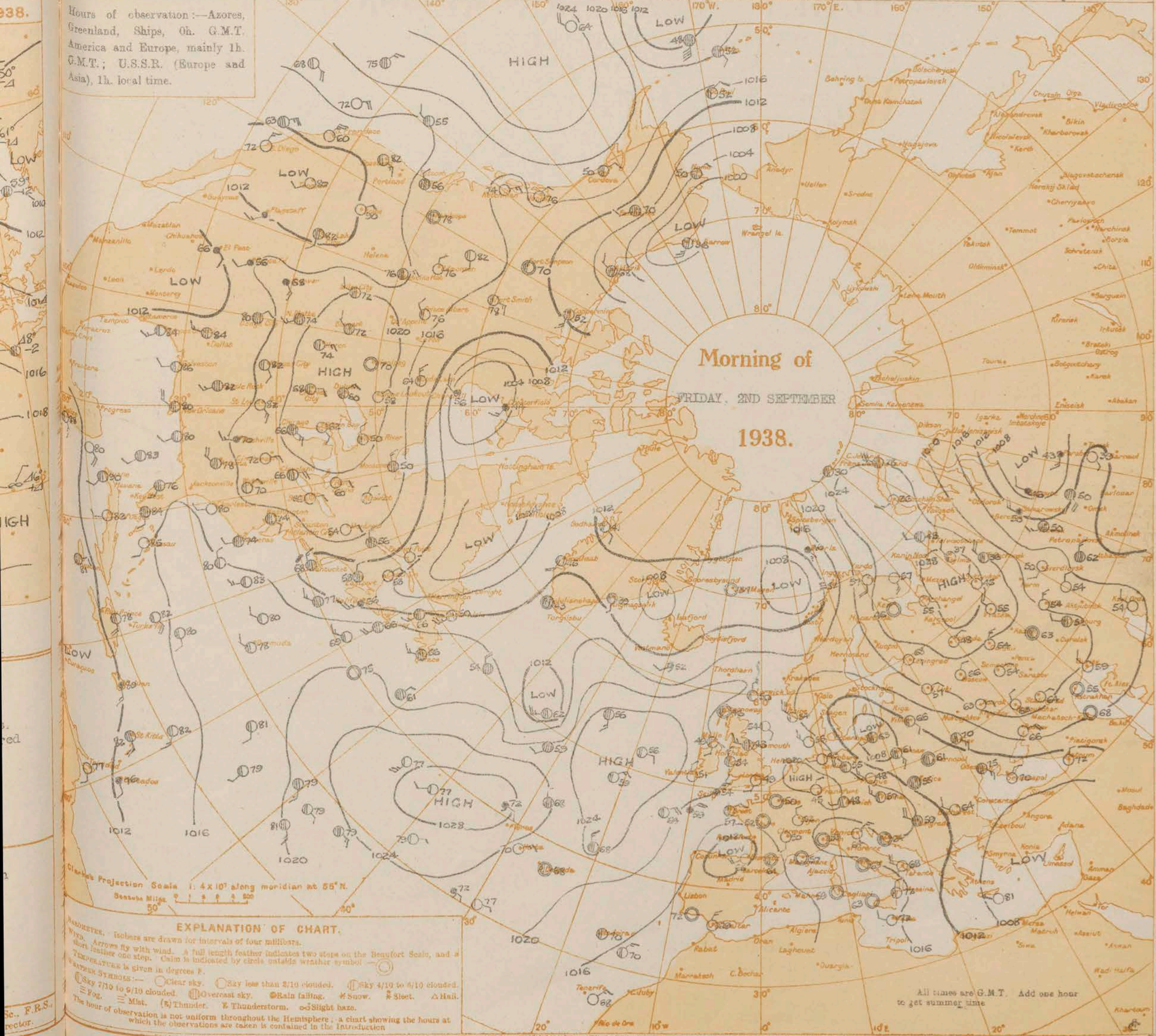
Mainly fair in the South; occasional rain in extreme western and northwestern districts.

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.



OBSERVATIONS at 1 hr. G.M.T. 2nd September														OBSERVATIONS at 7 hr. G.M.T. 2nd September														PAST 24 HOURS.										
District	STATION.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	% Humid. (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	% Humid. (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine 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-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h in. (34)	Night 18h-7h in. (35)							
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1013.8	+12	SW	1	m	45	32	4	-	-	-	0	0	-	1	*	65	45	36	Tr.	0.6	4.2			
	Croydon	217	1013.8	+2	SSW	2	b	43	32	8	-	-	0	0	1013.5	+8	-	0	f	46	37	3	-	-	10	10	<150	1	*	67	44	41	Tr.	6.1	5.2			
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1013.3	+12	-	0	bf	41	37	3	-	-	-	0	0	-	1	*	66	38	34	Tr.	0.5	4.4			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1020.6	+10	N	2	z	44	32	5	-	-	-	0	0	-	0	*	64	42	38	Tr.	-	4.1			
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1013.5	+6	NNW	3	z	50	35	6	-	-	-	0	0	-	1	*	63	48	46	Tr.	1	0.3			
	Lympe	346	1018.3	-4	NW	1	rr	52	37	6	5	-	-	10	10	1018.3	+6	NNW	3	z	50	37	5	5	3	-	2.3	2.3	7200	1	\$1	64	48	46	Tr.	7	2.8	
	Manston	142	1018.1	-6	WNW	2	rr	53	37	5	6	-	-	10	10	1018.5	+6	NNW	3	z	54	32	6	5	3	-	7.8	7.8	800	1	*	66	48	46	-	10	6.4	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1018.3	+10	NW	1	b	50	32	5	-	4	-	0	Tr	-	1	*	65	47	42	-	3	3.1			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1018.4	+4	NNW	3	z	51	35	6	-	-	-	0	0	-	1	2	67	50	48	-	11	6.3			
	Gorleston	5	1017.5	-12	-	0	rr	54	37	6	6	-	-	10	10	1018.0	+4	NN	3	m	50	32	4	5	-	4.6	4.6	2500	1	2	64	43	48	-	6	6.0		
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1018.7	+6	WN	2	z	46	32	5	-	-	-	0	0	-	1	*	63	42	37	-	8	6.5			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1018.6	0	WNW	2	z	46	32	6	-	-	-	0	0	-	0	*	65	43	40	-	0.1	8.4			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1020.4	+6	NW	3	b	48	35	6	-	4	-	0	Tr	-	1	*	62	45	33	-	Tr	5.3			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1013.3	+4	NW	2	m	46	32	4	-	-	-	0	0	-	0	*	66	43	38	-	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1020.7	+8	-	0	bf	41	32	6	-	-	-	0	0	-	1	*	64	37	30	0.1	-	6.4			
5	Hartland Point	299	1013.6	+6	NE	3	b	56	75	8	-	-	-	0	0	1020.6	+10	ENE	3	bc	54	75	8	7	-	4.6	4.6	2500	0	2	61	53	43	-	-	5.0		
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1021.0	+10	-	0	z	47	37	6	-	3	-	0	2.3	-	0	*	65	42	31	-	-	7.4			
	Portland Bill	32	1017.5	-4	NW	2	bc	57	52	7	5	-	-	2.3	2.3	1013.3	+10	NNE	2	bc	58	35	6	5	-	2.3	2.3	1500	1	2	62	52	*	0.1	2	*		
	Plymouth	82	1013.6	0	N	3	b	53	35	8	-	-	-	0	0	1020.4	+12	N	1	b	45	32	8	-	-	0	0	-	0	1	53	47	42	1	Tr	0.2		
	The Lizard	240	1013.6	0	N	3	b	53	35	8	-	-	-	0	0	1020.7	+12	NNE	3	bc	51	35	8	7	-	2.3	2.3	4000	1	1	55	43	*	4	0.1	0.0		
	Scilly (St. Mary's)	163	1020.3	+2	NE/N	3	b	54	35	8	5	-	-	1	1	1021.5	+10	NE/N	3	b	55	35	3	4	-	1	1	2500	0	1	58	52	*	Tr	0.1	0.0		
	Guernsey	175	1017.7	-2	NE	2	ir	58	32	6	3	-	-	10	10	1018.7	+16	NNE	1	bc	58	35	7	8	-	4.6	4.6	2500	1	1	63	56	52	Tr	0.4	2.3		
6	Pembroke	142	1020.6	0	N	2	b	50	32	8	-	-	1	0	1	1021.4	+8	N	3	bc	51	32	8	2	-	1	2.3	2.3	4000	0	1	62	48	*	-	-	7.5	
7	Holyhead	26	1020.0	+2	NW	3	bc	54	75	8	8	-	-	2.3	2.3	1021.0	+6	NNW	3	bc	54	35	3	1	-	2.3	2.3	2500	0	1	61	53	47	-	-	5.5		
8	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1020.4	+6	W/N	3	bc	51	75	7	8	-	-	4.6	4.6	2500	1	*	61	41	35	-	-	6.0			
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1013.8	+8	-	0	F	35	37	0	-	-	-	10	10	<150	1	*	61	34	31	-	Tr	5.7			
10	Spurn Head	29	1017.4	-2	NNW	2	o	53	32	5	5	-	-	10	10	1017.4	0	NNW	4	bc	45	35	6	5	8	-	2.3	2.3	4000	1	2	63	48	*	2	8.1		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1018.4	+2	NW	2	b	47	35	8	-	-	-	0	0	-	1	*	63	40	37	-	Tr	5.3			
	Tynemouth	108	1018.3	-4	W	3	c	43	35	7	5	-	-	7.8	7.8	1016.3	+4	W	3	bc	46	35	6	2	4	-	2.3	4.6	1500	1	1	58	45	41	0.4	0.3	3.8	
11	St Abbs Head	280	1018.7	-4	WNW	3	c/pr	50	35	7	3	2	-	4.6	3+	1500	1018.0	+2	NW	4	c/p	45	32	3	8	2	-	4.6	3+	1500	1	3	53	47	*	5	3	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1013.4	+6	W	2	bc	45	35	3	5	3	-	2.3	2.3	5700	1	*	58	40	32	0.4	0.1	2.4			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1013.7	+6	-	0	b	38	37	3	2	4	-	Tr	Tr	4000	0	*	59	35	23	0.4	-	5.3			
	Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1020.0	+2	-	0	b	35	32	7	5	-	-	Tr	Tr	800	1	*	57	31	23	3	0.2	1.6			
	Point of Ayre	30	1013.5	+4	NW	4	b	53	35	8	4	-	-	Tr	Tr	4000	1013.5	+4	NW	4	b	53	35	8	4	-	Tr	Tr	800	1	*	57	31	23	3	0.2	1.6	
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1013.7	+2	W	1	c	53	75	3	8	4	-	7.8	3	4000	1	0	57	43	33	Tr	0.1	10.5			
13b	Stornoway	80	1013.3	0	-	0	bc	46	35	8	5	-	-	2.3	2.3	2500	1013.1	-4	SSW	2	c	51	35	3	5	5	-	4.6	3	2500	1	1	57	45	*	1	8.2	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	30	37	8	-	-	-	0	0	-	5	*	57	26	16	-	-	5.3		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1013.0	+2	NW	3	b	45	32	8	8	-	-	1	1	4000	1	1	56	41	35	7	0.1	4.5			
	Wick	81	1013.2	+2	W	3	bc	42	32	8	5	7	-	1	2.3	2500	1013.5	+4	W	3	bc	45	35	3	8	6	-	1	2.3	2500	1	1	57	35	*	11	-	*
16	Lerwick	156	1020.2	0	N	1	bc	50	35	8	5	3	-	2.3	4.6	1500	1013.3	+6	N	1	c	50	32	8	4	4	-	4.6	7.8	1500	1	*	55	47	*	2	7.3	
17	Blacksod Point	18	1022.2	0	NW	2	bc	52	32	8	3	-	-	4.6	4.6	1500	1022.5	+6	NW	2	c	52	32	3	3	-	4	4.6	7.8	1500	0	2	58	47	*	1	-	*
18	Malin Head	84	1020.4	+2	S	1	bc	43	35	7	8	-	-	4.6	4.6	2500	1020.7	+4	NNW	3	c/p	52																

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 3rd September, 1938.

No. 28044.

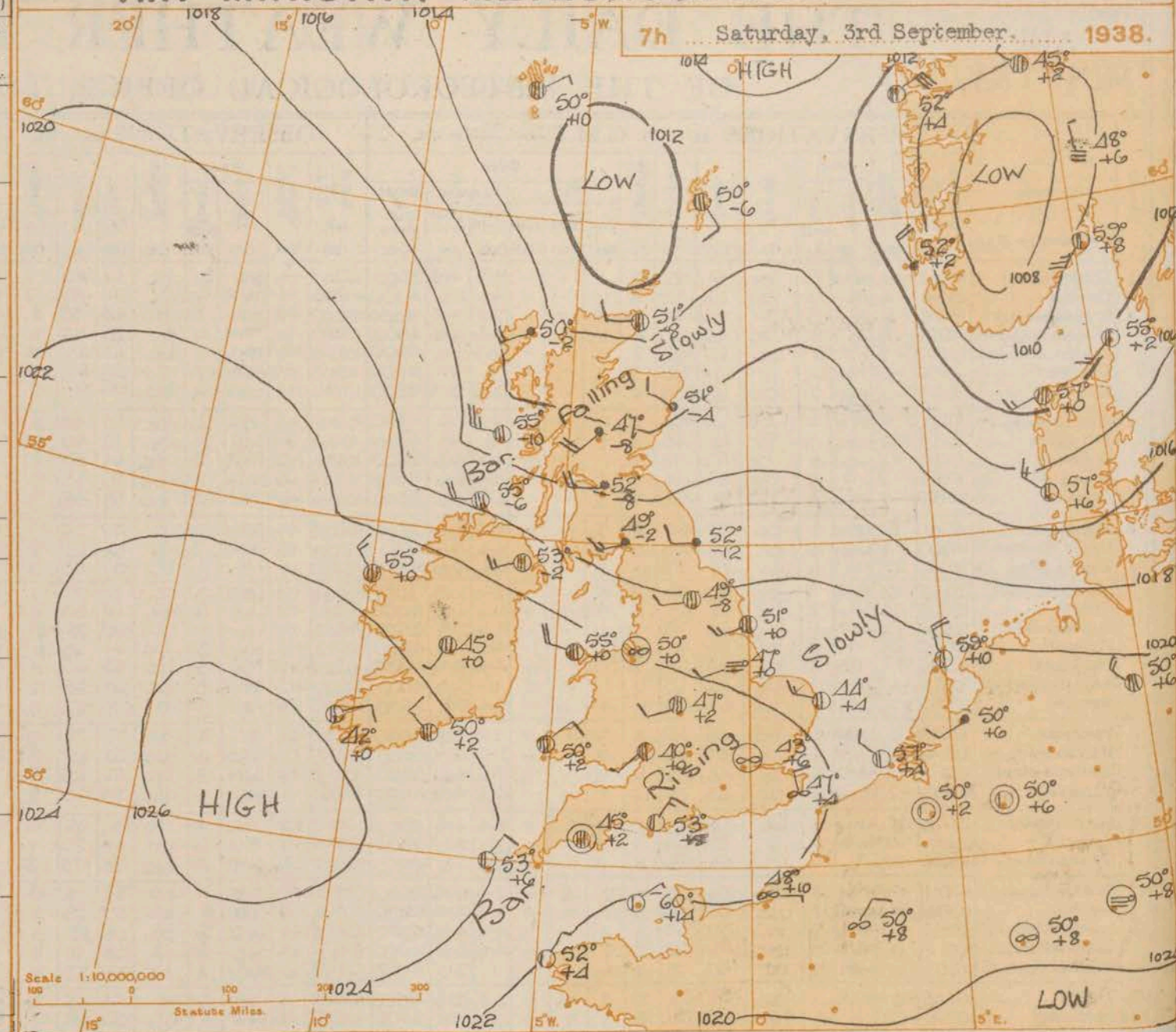
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 2nd September														OBSERVATIONS at 18h. G.M.T. 2nd September														PAST 24 HOURS.															
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.					State of Ground.	Sea.	WEATHER.															
				Dir.	Force					Form.	Amount.	Height of Base (feet)	Dir.	Force			Form.	Amount.					Height of Base (feet)	Dir.	Force	Form.	Amount.			Height of Base (feet)	7h.—18h. 2nd...	18h.—18h. 2nd...	18h. 2nd to 1h. 3rd.	1h.—7h. 3rd.											
																																			Low	Med.	High	Low 9-10	Total 10-11	Low 9-10	Total 10-11	Low 9-10	Total 10-11	Low 9-10	Total 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)	1020.0	+2	WSW	2	bc	61	45	7	1	-	-	4-6	4-6	2500	1020.3	+4	NW	2	bc	61	45	7	8	-	1	2-3	4-6	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
	Croydon	1019.4	-4	NW	3	bc	63	45	8	1	-	-	4-6	4-6	5700	1020.0	+4	NNW	2	bc	61	45	7	4	3	1	2-3	2-3	5700	0	*	bwm.bcy	bcy	bcyb	bwm										
	S. Farnborough	1019.8	-6	NW	3	c	64	45	7	1	-	-	7-8	7-8	4000	1020.2	+2	NW	2	bc	60	55	8	4	-	4	1	4-6	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
	Boscombe Down	1020.0	-6	N	3	bc	60	45	8	1	-	-	4-6	4-6	4000	1021.0	+4	NNW	2	bc	59	45	8	4	4	4	2-3	2-3	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
	Calshot (Stmntn.)	1020.3	-2	WN	2	bc	63	45	8	1	-	-	2-3	2-3	4000	1020.5	+4	NNW	3	bc	63	45	8	1	-	4	1	2-3	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
	Lympe	1019.6	-10	NNW	2	b	61	55	7	1	-	-	1	1	4000	1020.3	+4	SEE	1	c	59	65	7	7	-	-	7-8	7-8	5700	0	\$1	bz.bcy	bcy	bcyb	bwm										
	Manston	1019.2	-2	NNW	2	bc	62	55	6	1	-	-	2-3	2-3	2500	1019.6	+4	NNW	2	bc	59	55	7	4	-	1	4-6	4-6	4000	1	*	bwm.bcy	bz.bcy	bwm	bwm										
2	Shoeburyness	1019.1	-4	NNW	3	bc	66	45	8	1	-	-	2-3	2-3	4000	1019.9	+4	NNW	2	bc	60	55	8	7	4	4	2-3	4-6	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
	Felixstowe	1018.8	-2	NNW	3	b	63	45	8	1	-	-	1	1	4000	1019.3	+6	WN	3	bc	62	45	8	1	-	5	1	2-3	4000	0	1	bwm.bcy	by	bcyb	bwm										
	Gorleston	1018.5	+2	NNW	3	bc	59	55	6	1	-	-	4-6	4-6	2500	1018.9	+2	NNW	2	bc	61	45	7	1	-	-	4-6	4-6	4000	0	1	bc	bcy	bcyb	bwm										
	Mildenhall	1018.8	-2	W	4	bc	62	45	7	1	-	-	4-6	4-6	4000	1019.4	+6	NNW	2	bc	57	65	7	1	6	1	4-6	5700	0	*	bwm.bcy	bcy	bcyb	bwm											
	Cranwell	1018.7	-4	NNW	3	bc	61	45	7	2	-	-	4-6	4-6	2500	1019.3	+6	NW	2	bc	58	65	7	8	-	-	2-3	2-3	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
3	Birmingham	1020.0	0	NNW	4	bc	59	55	8	7	-	-	4-6	4-6	2500	1020.8	+4	NNW	3	b	57	55	7	-	4	1	0	1	-	1	*	bc	bcy	bcyb	bwm										
	Upper Heyford	1020.2	-4	NNW	3	bc	62	45	9	2	-	-	4-6	4-6	4000	1020.9	+6	NW	2	b	58	65	8	2	-	1	Tr	1	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
	Ross-on-Wye	1020.6	0	N	3	bc	61	55	9	7	-	-	4-6	4-6	4000	1021.0	+4	N	1	bc	57	65	9	7	-	1	4-6	4-6	4000	0	*	bwm.bcy	bcy	bcyb	bwm										
5	Hartland Point	1021.9	+2	NNE	3	bc	57	75	8	4	-	-	2-3	2-3	2500	1022.0	+4	NNW	3	c	57	75	9	2	4	6	Tr	7-8	2500	0	2	bc	bcy	bcyb	bwm										
	Bristol	1021.0	-4	NNW	3	bc	62	65	9	4	-	-	4-6	4-6	4000	1021.1	+2	W	2	c	60	65	8	7	7	2	2-3	4-6	4000	0	2	bc	bcy	bcyb	bwm										
	Portland Bill	1020.4	+2	NW	1	bc	64	75	7	1	-	-	2-3	2-3	2500	1020.9	+6	N	1	c	60	75	8	5	4	1	4-6	7-8	2500	1	2	bc	bcy	bcyb	bwm										
	Plymouth	1021.0	0	N	3	bc	63	45	8	7	-	-	4-6	4-6	4000	1021.3	+4	NW	3	bc	61	55	9	5	4	3	1	2-3	4000	0	1	bc	bcy	bcyb	bwm										
	The Lizard	1020.6	+2	ES	2	bc	63	75	8	8	-	-	4-6	4-6	2500	1022.2	+4	NW	3	bc	58	65	8	7	-	-	2-3	2-3	4000	0	1	bc	bcy	bcyb	bwm										
	Scilly (St. Mary's)	1022.4	+2	NEN	2	bc	62	65	9	1	4	4	1	2-3	4000	1022.7	+2	N	3	bc	59	65	8	2	-	3	2-3	4-6	4000	0	2	bc	bcy	bcyb	bwm										
	Guernsey	1019.7	+2	NE	3	z	63	75	6	4	3	-	4-6	7-8	2500	1020.3	+6	N	1	b	59	75	8	-	-	-	0	0	-	0	2	bc	bcy	bcyb	bwm										
6	Pembroke	1022.2	0	NNW	3	bc	60	65	8	2	1	1	2-3	4-6	4000	1023.0	0	N	2	bc	56	75	8	2	7	1	2-3	4-6	4000	0	0	bc	bcy	bcyb	bwm										
7	Holyhead	1021.6	+2	NNW	4	bc	57	65	9	2	-	6	2-3	4-6	4000	1021.7	0	NNW	3	bc	58	65	9	2	5	-	Tr	4-6	4000	0	1	bc	bcy	bcyb	bwm										
	Chester (Sealand)	1021.1	+4	NNW	4	bc	58	55	9	8	-	1	4-6	4-6	2500	1021.7	+4	WN	3	bc	56	65	8	1	9	-	1	4-6	2500	0	*	bc	bcy	bcyb	bwm										
	Manchester	1020.2	+2	NW	4	bc	58	55	8	1	-	-	4-6	4-6	4000	1020.8	+4	NNW	3	bc	55	75	8	1	-	1	2-3	2-3	4000	0	*	bc	bcy	bcyb	bwm										
10	Spurn Head	1017.8	0	NNW	5	bc	59	55	7	8	-	-	4-6	4-6	2500	1019.0	+8	NW	4	bc	56	65	6	4	4	-	2-3	2-3	1500	0	2	c	bc	bcy	bwm										
	Catterick	1018.8	+2	NNW	3	c	57	65	8	8	-	-	9	9	2500	1019.5	+6	NW	3	pr	54	75	7	8	4	-	7-8	7-8	1500	1	*	bc	bcy	bcyb	bwm										
	Tynemouth	1018.3	+2	N	5	c	54	75	8	8	-	-	7-8	7-8	1500	1019.0	+8	NNE	4	bc	55	75	8	2	-	2-3	2-3	2500	1	2	bc	bcy	bcyb	bwm											
11	St. Abbs Head	1019.1	+4	NNW	3	bc	53	75	9	2	6	-	2-3	4-6	2500	1018.9	0	SSE	1	bc	54	75	9	2	6	4	2-3	4-6	4000	0	1	bc	bcy	bcyb	bwm										
	Leuchars	1018.8	-6	NNW	1	bc	60	45	9	1	-	-	2-3	2-3	4000	1018.4	-4	SSE	2	bc	57	65	9	8	6	1	2-3	4-6	4000	0	*	bc	bcy	bcyb	bwm										
12	Renfrew (Abbots L.)	1019.4	-2	NNW	3	bc	59	55	9	2	-	-	4-6	4-6	5700	1019.4	+2	NNW	3	bc	56	65	9	2	6	-	1	2-3	4000	0	*	bc	bcy	bcyb	bwm										
	Eskdalemuir	1018.9	0	NNW	3	bc	56	55	8	7	-	-	4-6	4-6	4000	1019.2	+4	WN	2	c	53	75	8	9	-	1	7-8	7-8	1500	1	*	bc	bcy	bcyb	bwm										
	Point of Ayre	1020.9	0	NNW	4	bc	60	75	8	1	4	1	1	2-3	4000	1020.7	0	NNW	4	bc	57	85	8	2	4	6	1	4-6	2500	0	2	bc	bcy	bcyb	bwm										
13	Tiree	1020.4	0	NNW	2	bc	58	65	9	2	3	-	2-3	2-3	4000	1019.9	-4	W	3	c	54	85	6	5	2	-	9+	10	1500	0	1	bc	bcy	bcyb	bwm										
13	Stornoway	1018.8	-2	S	4	c	57	75	8	7	-	-	7-8	8	2500	1017.6	-8	WSW	4	c	52	92	7	8	2	-	7-8	10	2500	1	2	bc	bcy	bcyb	bwm										
15	Dalwhinnie	1019.9	-6	NW	3	bc	54	55	8	4	6	-	2-3	4-6	4000	1019.7	-6	-	0	bc	51	75	8	4	6	1	2-3	4-6	4000	1	*	bc	bcy	bcyb	bwm										
	Aberdeen	1018.9	-2	NW	2	bc	57	55	8	2	-	-	4-6	4-6	4000	1018.4	-2	NE	1	bc	56	65	8	8	-	6	2-3	2-3	4000	1	1	bc	bcy	bcyb	bwm										

REPORTS from HEALTH RESORTS for 2nd September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Dry.	Sunrise to 17h.	Sunrise to Sunset.
				9h. to 9h.	9h. to 17h.	9h. to 9h.	9h. to 17h.	17h. to 17h.	17h. to 17h.
1	Tunbridge W.	bpc	bcb	44	65	5	-	10.4	3.4
	Bournemouth	b	b	43	68	0.3	-	9.9	3.0
	Ventnor	rbz	b	49	67	5	-	10.2	3.0
	Southsea	b	b	49	65	5	-	10.2	2.3
	Bognor Regis	b	b	48	65	5	-	10.2	4.4
	Littlehampton	b	bpc	49	68	5	-	10.1	6.4
	Worthing	b	bcb	50	65	7	-	9.6	5.9
	Brighton	b	b	50	67	9	-	10.4	6.9
	Eastbourne	b	bby	51	65	7	-	9.6	4.5
	Hastings	b	bcb	50	67	6	-	9.8	4.2
	Folkestone	m.b	bcc	51	65	5	-	7.9	(4.0)
	Dover	bc	bcc	52	66	3	-	8.5	5.5
	Deal	b	bpc	51	65	6	-	9.4	5.4
	Ramsgate	bc	bcb	50	66	7	-	9.7	6.4
	Margate	bc	bcb	52	65	9	-	10.2	7.4
2	Southend	b	b	48	68	4	-	10.4	2.4
	Clacton-on-Sea	bcb	bcb	48	65	12	-	10.3	5.5
	Dovercourt	bc	bcb	49	63	9	-	10.5	6.5
	Lowestoft	bzb	bpc	49	65	8	-	10.0	7.2
	Skegness	bpc	bcb	44	62	5	-	9.0	9.0
	Mablethorpe	bcb	bcc	44	62	-	-	8.7	9.6
	Cleethorpe	bc	bcc	44	62	3	-	8.0	8.9
3	Leamington S.	bc	bcb	40	62	-	-	8.6	6.6
4	Cheltenham	zbcb	bcb	40	64	-	-	8.7	5.4
5	Bath	bpc	bpc	41	64	Trace	-	9.5	6.4
	Weymouth	b	b	48	68	0.2	-	10.7	2.3
	Jersey	rbcb	bcb	57	67	1	-	9.1	2.2
	Torquay	bzb	bby	46	64	-	-	11.3	1.5
	Falmouth	b	b	46	65	-	-	10.8	0.0
	Penzance	b	b	51	65	Trace	-	10.9	0.0
	St. Ives	b	b	50	62	-	-	11.4	0.0
	Bude	wbcb	bcb	*	60	-	-	10.4	3.5
	Ilfracombe	cbcb	bcb	54	63	-	-	11.3	5.9
6	Aberystwyth	wbc	bcb	41	59	-	-	11.1	11.8
7	Llandudno	bcb	b	47	59	-	-	9.9	6.1
	Colwyn Bay	bcb	bcb	47	57	-	-	9.7	6.5
	Rhyl	bcbb	b	44	59	-	Trace	10.1	7.3
8	Wallaasey	pccb	b	50	60	Trace	Trace	9.1	6.2
	Southport	bv	bcbv	43	62	3	-	11.2	3.6
	Blackpool	b	b	42	59	1	-	10.7	1.7
	Morecambe	bcb	bcb	39	60	0.3	-	11.5	3.8
9	Ilkley	b	bcb	48	63	-	-	10.3	6.7
	Harrogate	b	bcb	41	60	-	-	9.8	6.7
10	Berwick-on-T.	ebc	bcb	44	55	2	-	6.7	4.1
11	Dunbar	bc	bcb	43	57	-	-	9.2	3.1
12	Troon	bcbcb	bcbcb	41	59	-	-	10.9	4.4
	Douglas	b	b	47	59	0.5	-	8.1	2.9

* 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. 3rd September, 1938.

1	S.E. England	
2	E. England	
3	E. Midlands	Light to moderate variable to westerly winds; fair at first, then occasional rain followed by showers and bright periods; average temperature.
4	W. Midlands	
5	S.W. England	Light northerly winds, backing and freshening; fair to-day, occasional rain tomorrow; average temperature.
6	South Wales	
7	North Wales	
8	N.W. England	
9	N. Midlands	
10	N.E. England	Moderate to fresh northwesterly winds, backing; occasional rain at first then showery and bright periods, later further occasional rain; average temperature.
11	S.E. Scotland	
12	S.W. Scotland & Isle of Man.	
13	{ A.W. Scotl. B.N.W. Scot- land.	
14	Mid Scotland	
15	N.E. Scotland	
16	Orkney and Shetland	Light variable winds, freshening from northwest; occasional rain; average temperature.
17	N.W. Ireland	As 7 - 15.
18	N.E. Ireland	
19	S.E. Ireland	Light variable winds, freshening from southwest; fair at first, rainy later; average temperature.
20	S.W. Ireland	

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

GENERAL INFERENCE.

A trough of low pressure extending southwards over Scotland together with an anticyclone off Southwest Ireland will move southeastwards while a depression now in Mid-Atlantic will approach Ireland. A belt of rain now over northern districts will move southeastwards and reach Southeast England late to-day. Another belt of rain may spread in over Ireland and travel slowly eastwards.

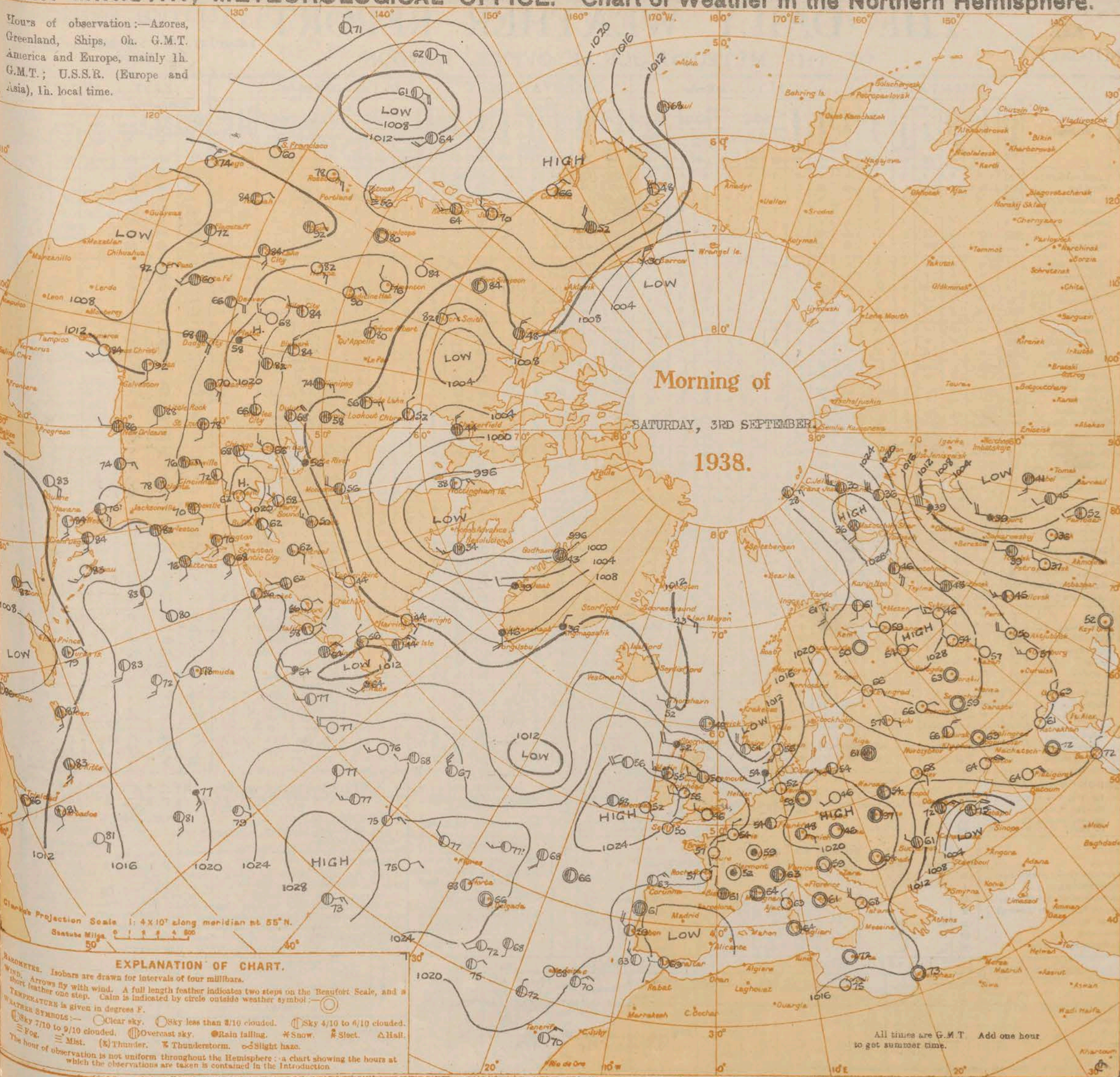
FURTHER OUTLOOK.

Rather unsettled generally.

Forecasts issued at 0945 G.M.T. N.K. JOHNSON, M.Sc., A.R.C.S. Director.

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

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

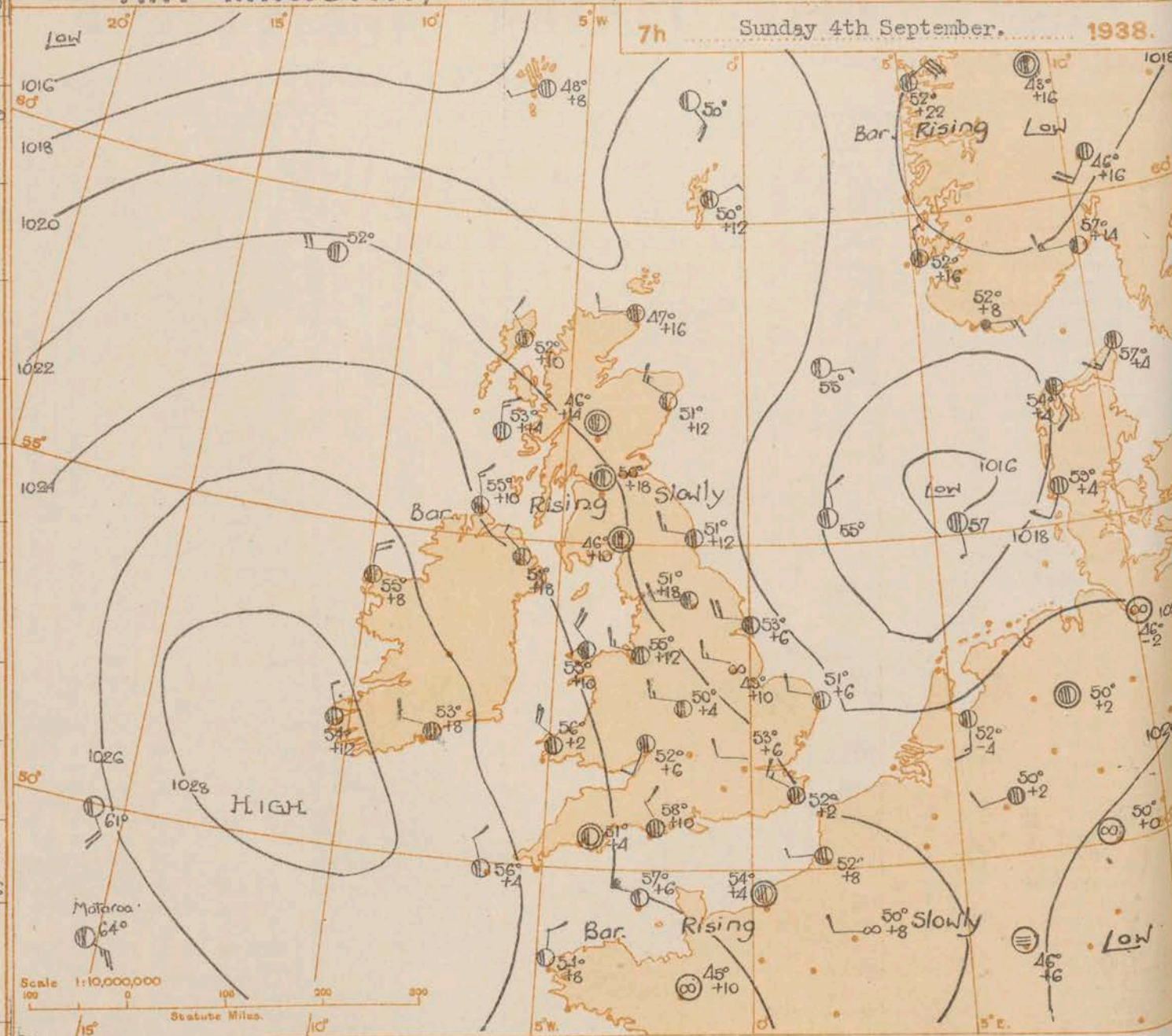


AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 3rd September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise	Sunset
				9h. 2nd to 9h. 3rd.	9h. 17h. 2nd to 9h. 3rd.	9h. 2nd to 9h. 3rd.	9h. 17h. 2nd to 9h. 3rd.	to 17h. 3rd.	to Sunset 2nd.
1	Tunbridge W.	b	bbc	36	66	-	-	10.0	11.0
	Bournemouth	b	babc	41	66	-	-	6.9	10.9
	Ventnor	b	bcb	49	66	-	-	10.0	11.3
	Southsea	b	bbc	46	66	-	-	8.7	11.1
	Bognor Regis	bcb	b	42	66	-	-	8.8	11.4
	Littlehampton	bc	bc	45	68	-	-	9.4	11.2
	Worthing	b	bbc	45	67	-	-	10.1	10.7
	Brighton	b	bc	47	66	-	-	9.6	11.7
	Eastbourne	b	bbee	48	66	-	-	10.2	10.5
	Hastings	bbc	bbc	46	67	-	-	10.6	10.9
2	Folkestone	bbc	bcc	48	68	-	-	9.2	7.9
	Dover	bbc	bc	47	65	-	-	8.7	8.5
	Deal	bbe	bca	45	64	-	-	8.3	9.7
	Ramsgate	bc	bcc	49	65	-	-	8.0	10.7
	Margate	bbc	bcc	49	64	-	-	9.1	11.4
	Southend	bzb	bbee	45	62	-	-	8.4	11.1
	Clacton-on-Sea	bzb	bcc	43	65	-	-	8.6	11.0
	Dovercourt	b	bc	44	66	-	-	7.7	11.0
	Lowestoft	bbee	c	41	68	-	-	6.1	10.5
	Skegness	bcc	orr	41	59	-	3	1.1	9.0
3	Mablethorpe	o	orr	40	58	-	4	0.9	8.7
	Cleethorpe	bbee	orr	45	57	-	2	0.5	8.4
	Leamington S.	bcc	cod	39	63	-	-	5.2	9.7
	Cheltenham	wbbcc	bbee	39	65	-	-	6.0	9.0
	Bath	bcc	bcb	37	64	-	-	8.1	9.9
	Weymouth	b	bcb	47	65	-	-	10.1	11.8
	Jersey	bc	ccb	55	67	-	-	10.7	10.0
	Torquay	bbeb	by	45	63	-	-	10.1	12.0
	Falmouth	b	b	45	65	-	-	10.4	12.4
	Penzance	b	b	46	64	-	-	11.1	12.4
4	St. Ives	b	b	52	64	-	-	11.2	13.2
	Bude	wbc	bc	36	61	-	-	9.7	11.8
	Llfracombe	bbee	bbee	51	62	-	-	9.8	12.3
	Aberystwyth	bcc	bcc	42	61	-	-	2.6	12.9
	Llandudno	arc	c	53	60	-	0.3	0.2	11.3
	Colwyn Bay	c	epc	48	60	-	0.3	0.1	11.2
	Rhyl	apr	arc	44	61	-	2	0.6	11.5
	Wallassey	cor	rac	51	59	-	0.5	0.1	10.7
	Southport	cro	a	55	59	-	2	0.0	12.8
	Blackpool	oir	ir.c	55	58	0.3	0.3	0.0	12.0
5	Morecambe	idec	adbbe	53	59	1	0.5	2.4	12.6
	Ilkley	cod.o	ocbc	44	58	Trace	1	0.6	11.8
	Harrogate	cod	arc	45	57	2	0.3	0.5	10.3
	Berwick-on-T.	bcc	entir	46	59	3	3	3.2	7.9
	Dunbar	cm	aprtl	48	61	3	6	3.0	10.1
	Troon	opcpo	pacbc	52	59	4	3	3.9	12.2
	Douglas	bcpn	bc	48	59	Trace	0.3	1.5	9.3

† 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. 4th September, 1938.
1 S.E. England	Light or moderate northwest to north winds, bright periods, local showers to-day, fair tomorrow; rather cool to average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	Light or moderate northwest to north winds; mainly cloudy, but some bright periods, occasional showers; rather cool to average temperature.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scotl. land.	Light variable to northwest winds, backing west, moderate; mainly cloudy, local showers to-day, occasional rain tomorrow; rather cool to average temperature.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Light variable winds, backing west or southwest and freshening; cloudy, local showers, occasional rain tomorrow; average temperature.
17 N.W. Ireland	As 7 - 12.
18 N.E. Ireland	
19 S.E. Ireland	Light variable wind, backing south, light or moderate; cloudy; average temperature.
20 S.W. Ireland	

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

GENERAL INFERENCE.

A shallow depression over the North Sea is moving southeast while an anticyclone centred west of Ireland is spreading east. Weather will be cloudy in the North, but considerable bright periods will occur in the South and East. Local showers will occur in most districts, especially in the North and East. Occasional rain will spread to extreme northern and north-western districts later.

FURTHER OUTLOOK.

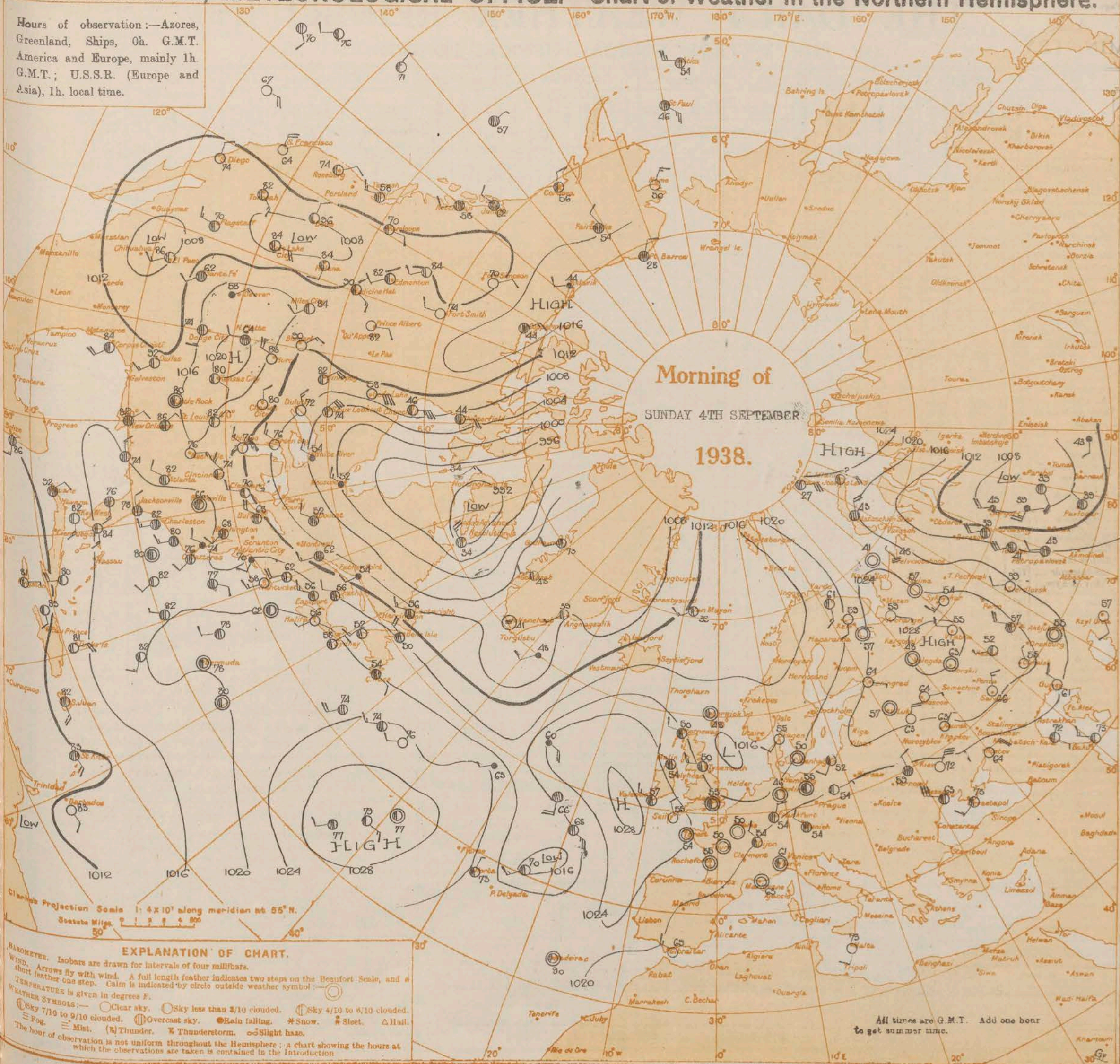
Mainly fair in the South and East; unsettled in the North and Northwest.

Forecasts issued at 1100 G.M.T.

GEORGE C. JOHNSON, M.C.Sc., D.A., R.C.G.S. DIRECTOR.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 4 th September.														OBSERVATIONS at 7 hr. G.M.T. 4 th September.														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36)						
					Dirce.	Force (0-12)					Low	Med.	High			Low 0-10	Total 0-10					Height of Base. (feet) (14)	Dirce.	Force (0-12)			Low	Med.	High	Low 0-10	Total 0-10		Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1022.1	+6	WNW	2	z	53	85	6	5	-	-	5+	2500	1	*	63	50	41	-	0.1	8.6					
	Croydon	217	1022.3	-2	-	0	bc	53	85	7	-	4	2.3	1022.5	+6	WN	2	pr	53	85	8	8	-	-	5+	4000	0	*	65	48	46	-	Tr	3.3				
	S. Farnborough	226	*	*	*	*	*	*	*	*	*	*	1022.4	+6	WN	1	c	52	85	7	5	-	-	5+	2500	0	*	65	47	36	-	Tr	3.2					
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	1023.2	+6	WNW	3	c	53	92	8	5	4	5	7.8	7.8	2500	0	*	62	48	45	-	-	7.9				
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	1022.7	+6	NW	3	bc	56	85	8	5	4	-	1	2.3	4000	0	2	65	52	49	-	-	8.8				
	Lympe	346	1022.5	-4	NW	3	c	52	75	7	-	3	0	1022.0	+2	NW	3	c	52	85	6	5	7	-	9	2+	7200	0	1	64	49	46	-	-	7.4			
	Manston	142	1022.0	-2	NE	2	c/r	55	85	7	5	7	4.6	1021.5	+4	NW	3	c	55	85	7	5	-	-	5+	5700	1	*	62	51	47	-	Tr	8.9				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1021.7	+4	WSW	3	c/pr	53	85	8	5	3	2	4.6	7.8	2500	1	*	67	50	42	-	0.3	8.4				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1021.0	+4	W	3	bc/pr	54	85	8	5	3	-	4.6	4.6	4000	1	2	66	52	50	-	3	7.5				
	Gorleston	5	1020.2	-6	SWW	2	o/d	53	92	7	0	-	10	1019.9	+6	WNW	2	c	51	92	6	5	-	-	5+	2500	1	2	64	49	47	Tr	6	6.1				
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	1020.8	+4	WNW	3	c	52	92	7	1	3	-	Tr	7.8	4000	1	*	63	49	44	0.5	5	3.4				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1021.0	+10	WNW	3	z	49	97	6	5	6	-	4.6	7.8	5700	1	*	59	46	44	5	Tr	0.1				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1022.2	+4	WNW	3	c	50	85	7	5	3	-	4.6	9	1500	0	*	60	49	45	Tr	-	3.6				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	1022.7	+10	NNW	3	bc	52	85	9	2	3	-	Tr	2.3	4000	0	*	64	49	39	-	-	*				
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1022.8	+6	SSW	1	c	52	85	8	5	-	-	5+	4000	0	*	64	51	42	Tr	-	4.6					
5	Hartland Point	299	1023.6	-4	NW	3	c	58	85	5	5	2	2.3	1024.2	+8	NW	3	c	57	85	9	8	2	-	4.6	7.8	1500	0	2	61	56	53	-	-	5.4			
	Bristol	209	*	*	*	*	*	*	*	*	*	*	1023.4	+4	WNW	2	bc	55	85	8	7	3	4	2.3	4.6	4000	0	*	63	50	41	-	-	6.9				
	Portland Bill	32	1022.9	-4	NNW	2	c	57	85	8	5	4	7.8	1022.9	+10	NNW	2	c	58	92	8	5	4	-	4.6	7.8	2500	1	2	62	52	*	-	-	*			
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	1024.8	+4	-	0	bc	51	97	8	5	3	1	2.3	2.3	2500	0	0	63	50	44	-	-	11.0				
	The Lizard	240	1025.2	-2	NW	4	bc	53	92	8	5	-	4.6	1025.7	+6	NNW	3	bc	53	92	8	7	-	-	2.3	2.3	4000	0	1	63	50	*	-	-	9.4			
	Scilly (St. Mary's)	163	1026.0	+2	NNW	2	b	55	85	9	1	-	1	1026.3	+4	NNW	2	bc	56	85	8	7	4	-	2.3	2.3	2500	0	1	63	54	*	-	-	12.1			
	Guernsey	175	1023.5	0	NNW	1	b	52	92	9	-	-	0	1023.6	+6	NNW	1	bc	57	85	8	1	1	8	1	4.6	2500	0	1	65	50	42	-	-	12.3			
6	Pembroke	142	1024.0	0	NW	4	c	57	85	8	5	2	7.8	1024.9	+2	NW	4	c	56	85	8	8	6	-	7.8	9	2500	0	1	61	54	*	-	-	4.9			
7	Holyhead	26	1021.8	0	NW	5	c	56	85	7	8	2	7.8	1023.2	+10	NNW	4	c	55	85	8	8	-	-	5+	2500	1	2	60	53	52	Tr	1	0.5				
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1022.7	+2	NNW	3	c	55	85	7	5	-	-	5+	2500	1	*	60	53	47	0.5	0.6	0.8					
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	1021.8	+14	NNW	1	z	52	97	6	5	-	-	5+	5700	1	*	57	50	47	1	3	0.0					
10	Spurn Head	29	1018.9	-4	W	4	b	53	92	6	-	-	0	1020.0	+6	WNW	4	c	53	85	6	5	7	-	4.6	7.8	4000	0	3	56	51	*	2	-	0.5			
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1021.2	+8	WN	2	c	51	92	8	5	3	-	4.6	9	4000	1	*	60	48	44	0.2	0.1	2.1				
	Tynemouth	108	1018.7	+6	W	3	bc	50	85	7	8	-	4.6	1020.4	+2	WNW	3	c	51	75	7	8	-	-	7.8	7.8	1500	1	1	60	49	46	2	0.3	3.6			
11	St. Abbs Head	280	1019.3	+10	WNW	3	c	53	85	8	4	6	4.6	1021.1	+2	WNW	3	bc	52	75	7	5	7	4	2.3	4.6	4000	0	3	59	50	*	3	0.2	*			
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	1021.1	+8	WSW	2	bc	49	85	9	-	3	4	0	2.3	-	1	*	62	45	37	1	-	3.6				
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	1022.2	+8	-	0	c	50	92	9	5	-	-	5+	5700	1	*	60	45	41	2	-	4.8					
	Eskdalemuir	794	0	*	*	*	*	*	*	*	*	*	1022.0	+10	-	0	c	46	85	8	8	3	1	4.6	7.8	4000	1	*	57	41	35	7	Tr	2.0				
	Point of Ayre	30	1021.5	+8	NNW	4	bc	55	85	8	8	-	4.6	1022.8	+8	NW	4	c	56	85	8	8	3	-	4.6	7.8	800	0	3	63	53	*	0.6	Tr	1.7			
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	1023.0	+4	N	3	c	53	85	8	8	3	-	4.6	9+	2500	0	2	59	53	49	1	-	7.2				
13b	Stornoway	80	1020.0	+6	WNW	2	c	50	92	8	8	7	7.8	1021.3	+10	NW	2	c	52	92	8	5	7	-	9	10	1500	1	1	58	49	*	0.4	1	5.9			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	+14	-	0	c	46	92	7	5	2	-	4.6	10	2500	0	*	57	35	27	4	Tr	4.0				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1020.7	+12	NW	3	bc	51	85	8	8	-	5	4.6	4.6	2500	1	1	59	48	46	3	0.3	2.8				
	Wick	81	1018.3	+8	NW	2	c/pr	49	92	7	5	2	7.8	1020.1	+16	W	2	c	47	97	8	5	7	-	7.8	9+	1500	1	1	59	46	*	3	1	*			
16	Lerwick	156	1018.9	+10	-	0	bc	48	97	8	5	-	2.3	1020.6	+12	NE	1	c	50	92	8	5	4	-	4.6	7.8	1500	0	*	57	47	*	-	-	0.7			
17	Blacksod Point	18	1025.4	+4	NW	4	c	54	97	8	5	-	10	1026.2	+8	N	4	c	55	85	9	5	-	-	10	10	1500	0	3	61	52	*	Tr	0.5	*			
18	Malin Head	84	1022.3	+6	NW	2	c	54	85	7	9	-	7.8	1023.8	+10	NW	3	c	55	85	7	8	7	-	4													

LONDON OBSERVATIONS			
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 5th September, 1938.

No. 28046

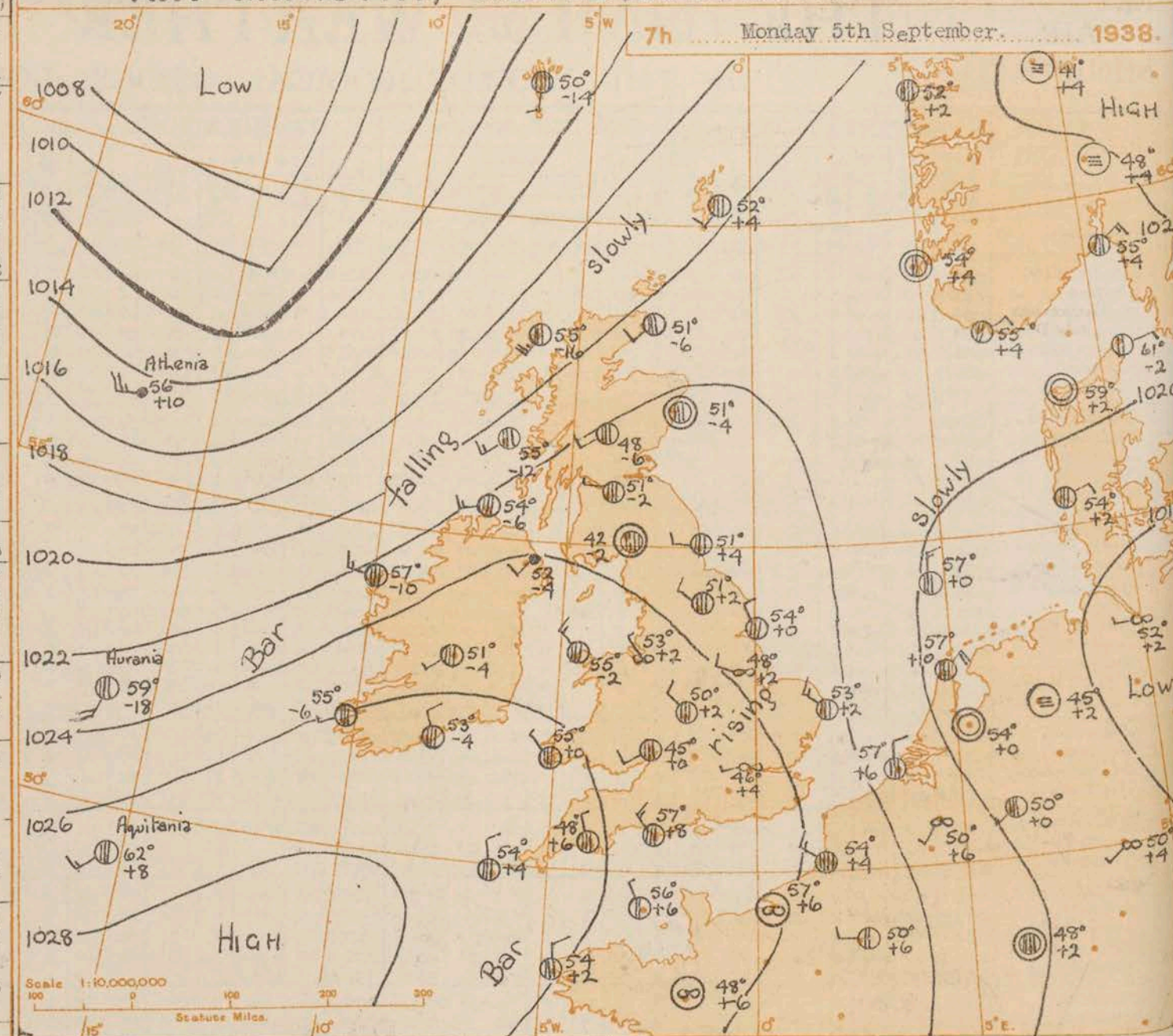
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 4 th September.														OBSERVATIONS at 18h. G.M.T. 4 th September.														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.					State of Ground. 0-8	Sea. 0-9	WEATHER.					
				Dir.	Force					Low	Med.	High	Low 0-10	Med. 0-10			Total 0-10	Height of Base (feet)					Low	Med.	High	Low 0-10	Med. 0-10			Total 0-10	Height of Base (feet)	7h-13h. 4 th	13h-18h. 4 th	18h-4 th to 1h-5 th	4 th -7h. 5 th
(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)	1023.0	-2	NW	3	C	61	55	8	8	-	-	9+	9+	1500	1023.2	+4	NNW	2	C	61	55	7	5	3	-	7-8	9	2500	0	*	cmc	cy	cybcw	bcw
	Croydon	1022.5	0	WNW	3	C	63	55	8	7	3	-	4-6	9	5700	1023.1	+6	NW	2	C	60	55	7	4	3	-	2-3	9	7200	2	*	cpr:c	cy	cyzobw	bmjwbc
	S. Farnborough	1023.1	+2	NNW	3	C	62	55	8	8	-	-	9+	9+	2500	1023.4	+6	NW/N	1	C	59	65	7	4	7	-	4-6	7-8	4000	0	*	cbccy	cyc	cbmo	bwjfc
	Boscombe Down	1023.9	0	NW	3	C	62	55	8	8	3	-	7-8	9+	2500	1024.1	+4	NW/N	3	bc	59	65	8	5	3	-	1	4-6	4000	0	*	cay	cybc	cbcb	bbcc
	Calshot (Stmnt.)	1023.6	0	NNW	3	C	65	55	8	4	6	-	4-6	7-8	5700	1023.6	+4	WNW	3	C	61	65	8	1	3	-	Tr	7-8	4000	0	2	bbcc	c	cbcbw	bwcmo
	Lympe	1022.7	+6	WNW	2	C	58	65	7	8	3	-	4-6	9	2500	1023.0	+4	NNW	2	C	58	55	8	2	3	-	1	7-8	2500	0	1	bccpr:bc	cbcy	cbcb	bmjwbc
	Manston	1022.1	-2	NW	3	C	62	65	7	8	3	-	4-6	9	2500	1022.3	+6	NNW	4	C	53	75	8	5	3	-	7-8	9+	4000	0	*	cbccpfo	cyc	cbcb	bcw
2	Shoeburyness	1022.2	-2	NW/N	4	C	63	55	8	8	-	-	7-8	7-8	4000	1022.7	+10	NNW	2	C	58	65	9	8	-	-	9	9	5700	0	*	m.bcp	cybcy	cyc	cbw
	Felixstowe	1021.5	-2	WNW	4	C	61	55	8	8	3	-	4-6	7-8	2500	1021.6	+2	NW/W	4	C	60	65	9	9	3	-	4-6	7-8	1500	1	2	bccy	cybcvy	bacc	cmcm
	Gorleston	1020.0	-2	NNW	3	pr	59	75	6	8	-	-	3	9	1500	1021.2	+8	N	4	C	60	75	6	8	-	-	7-8	7-8	2500	1	2	bccpr	cpr:c	cpr:c	cpr:bc
	Mildenhall	1021.9	0	NW	4	C	60	65	8	8	7	-	4-6	9	2500	1022.9	+4	NW/N	2	C	57	85	8	2	3	-	2-3	9	4000	0	*	bcc	cid:rrr:c	cbcb	bcbmj
	Cranwell	1022.3	+2	NNW	2	C	61	65	8	8	3	-	4-6	9+	1500	1023.5	+12	N	2	bc	56	75	8	5	3	-	4-6	4-6	5700	0	*	cm:bec	cbcb	bcw	bcnm
3	Birmingham	1023.6	+6	NW	3	C	59	65	8	8	-	-	9+	9+	2500	1024.1	+2	NNW	3	bc	58	55	8	7	-	-	4-6	4-6	4000	1	*	cpr:bec	cbcb	bcw	b,c
4	Upper Heyford	1023.1	-2	NNW	3	C	60	65	8	2	3	-	4-6	9+	2500	1023.6	+2	NW	2	bc	59	65	7	-	3	8	0	2-3	-	0	*	bcc	cycbc	bcw	bbccm
	Ross-on-Wye	1023.7	0	N	3	C	62	55	9	8	-	-	9+	9+	4000	1024.1	0	NW	2	bc	60	65	9	7	-	-	2-3	2-3	4000	0	*	c	cybcy	bcbbc	bw:c
5	Hartland Point	1025.3	0	NW	3	C	58	75	8	8	6	-	2-3	7-8	1500	1025.5	+2	NW	3	bc	54	75	9	2	4	2	2-3	4-6	1500	0	2	c	cbcb	bc	bcc
	Bristol	1024.0	-2	NW	3	C	63	65	8	8	7	-	4-6	7-8	2500	1024.7	+2	N/E	3	bc	53	75	8	7	3	-	2-3	4-6	2500	0	2	bccbe	bccbe	bcw	bmjwbc
	Portland Bill	1024.0	0	W	2	C	62	85	8	3	4	-	4-6	9	2500	1023.9	-6	NW	3	C	61	85	8	4	4	-	7-8	9	2500	1	2	c	cbcb	cbcb	bcc
	Plymouth	1025.5	0	NNW	3	C	61	55	9	8	-	-	9	9	2500	1025.4	0	NNW	3	C	58	65	9	5	3	-	4-6	7-8	4000	0	2	bccpr	cybc	cbcb	bwc
	The Lizard	1026.4	+4	NW	3	C	61	75	8	8	6	-	4-6	7-8	2500	1026.5	-2	NNW	2	C	58	75	8	8	4	-	4-6	7-8	2500	0	1	bcc	c	cbcb	bcc
	Stilly (St. Mary's)	1027.4	+2	NNW	3	C	61	75	8	8	7	-	7-8	9	1500	1027.6	+2	NW	3	bc	58	75	8	8	4	-	2-3	4-6	1500	0	2	bcc	cbcb	cbcb	bcc
	Guernsey	1024.8	0	NW	2	bc	61	75	9	1	-	-	2-3	2-3	2500	1024.5	-2	WNW	1	bc	60	75	9	1	7	8	1	4-6	2500	0	1	bcc	bccbe	bcw	bcw
6	Pembroke	1026.1	0	NW	4	C	59	75	8	8	2	-	7-8	9+	2500	1026.7	+2	NW	3	C	57	85	8	4	6	-	4-6	9	2500	0	1	c	c	bc	bcc
7	Holyhead	1025.1	+6	NNW	4	C	58	75	9	8	3	-	4-6	9+	4000	1025.7	+6	NNW	3	C	57	75	8	8	8	-	7-8	7-8	4000	0	2	c	c,bcc	c,bc	bprc
8	Chester (Sealand)	1024.6	+8	NNW	4	C	60	65	8	7	1	-	4-6	9+	2500	1025.1	+2	WNW	3	bc	58	65	8	8	-	-	4-6	4-6	2500	1	*	cm:bec	cbcb	bcw	bcnm
	Manchester	1023.4	+4	NNW	3	C	59	65	8	8	3	-	9	9+	4000	1024.7	+10	WNW	4	bc	58	65	9	8	3	-	2-3	2-3	4000	1	*	cm:bec	cbcb	bcc	ccffw
10	Spurn Head	1022.2	+6	NNW	5	C	58	75	7	8	-	-	9	9	2500	1023.1	+4	NNW	4	bc	57	75	7	5	7	-	2-3	4-6	2500	0	2	c	cbcb	cbmo	mcw
	Catterick	1023.0	+6	N/E	2	C	59	65	7	5	-	-	9+	9+	2500	1023.7	+4	-	0	C	57	75	7	5	3	-	2-3	9	4000	1	2	cbcc	c	c	cwc
	Tynemouth	1022.5	+4	N	4	bc	57	75	8	2	6	-	4-6	4-6	2500	1023.7	+2	N	1	C	56	75	8	8	-	-	7-8	7-8	2500	1	1	cbcb	bcc	c	c
11	St. Abbs Head	1023.1	+4	NNW	2	C	56	75	9	8	6	-	2-3	7-8	2500	1023.3	+2	SW	2	C	55	65	9	8	2	-	4-6	9+	2500	0	1	bcc	c	cmo	m,c
	Leuchars	1022.5	+18	NW	2	C	60	55	9	7	3	-	7-8	9+	4000	1022.7	+2	NE	1	C/pr	58	75	9	7	3	-	7-8	9	2500	0	*	bccvevy	cpr:c	cw	cw
12	Bontew (Abbots I.)	1023.1	-2	NNW	2	C	61	65	9	2	7	-	4-6	7-8	4000	1023.8	+4	WNW	3	C	58	75	9	4	6	-	4-6	7-8	4000	0	*	c	cbcc	cbccw	cw
	Eekdalemuir	1023.3	+4	NW	3	C	56	55	8	7	-	-	9+	9+	4000	1023.5	+2	WNW	2	C	55	75	8	7	-	-	9+	9+	4000	1	*	cw:bcc	c	cbcb	bccw
	Point of Ayre	1024.9	+4	NNW	4	C	61	75	8	8	6	-	2-3	7-8	2500	1024.9	0	NNW	4	C	57	85	8	2	4	6	1	7-8	1500	0	2	c	cbcc	cbcb	c
13	Tiree	1024.0	+10	NNW	2	C	54	75	9	2	7	-	7-8	9+	1500	1025.2	+4	NW	3	pr	53	32	6	3	7	-	9	9+	800	1	2	cpr	cpr	prc	irc
13	Stornoway	1022.9	+6	NNW	4	pr	51	25	8</																										

REPORTS from HEALTH RESORTS for 4th September 1938.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. 9h.-12h.	Max. 12h.-17h.	Night 17h. to 9h. 4th.	Day 9h.-17h.	Supra to 17h.	Surmise to Sunset.
1 Tunbridge W.	c	c	48	63	Trace	-	3.5	10.7
Bournemouth	bbe	bbe	53	65	-	-	5.2	7.3
Ventnor	b	bbe	54	65	-	-	5.8	11.0
Southsea	bbe	bbe	54	64	-	-	5.5	9.0
Bognor Regis	b	b	52	65	-	-	7.0	9.4
Littlehampton	b	b	53	66	-	-	6.2	10.0
Worthing	bbe	b	53	65	-	-	6.2	11.2
Brighton	b	b	54	65	-	-	6.2	10.3
Eastbourne†	c	c	54	66	-	-	3.6	10.3
Hastings†	c	c	53	67	-	-	4.0	10.6
Folkestone	corac	bbe	52	68	-	Trace	3.5	9.2
Dover	bbe	bbe	54	66	-	-	3.6	8.7
Deal	b	b	52	64	-	-	4.8	8.3
Ramsgate	b	b	52	65	-	-	6.1	8.0
Margate	cdbe	b	55	63	Trace	-	6.3	9.1
2 Southend	b	b	51	65	Trace	-	3.4	8.7
Clacton-on-Sea	b	b	51	63	2	Trace	3.7	8.6
Dovercourt	racbe	b	51	63	2	-	6.5	7.8
Lowestoft	bcp	bbe	49	62	5	3	4.8	6.1
Skegness	bcp	b	45	59	2	Trace	1.6	1.1
Mablethorpe	b	b	46	60	2	-	3.2	0.9
Cleethorpes	b	b	49	59	Trace	-	3.1	0.5
3 Leamington S.	c	c	48	62	Trace	-	1.3	5.2
4 Cheltenham†	b	b	50	62	-	-	4.0	6.0
5 Bath	b	b	53	64	-	-	3.5	8.3
Weymouth	b	b	52	66	-	-	4.2	10.8
Jersey	b	b	50	65	-	-	7.1	12.0
Torquay	b	b	51	63	-	-	5.1	10.5
Falmouth	b	b	52	63	-	0.2	4.5	11.2
Penzance	b	b	52	64	-	-	6.1	11.9
St. Ives	b	b	49	61	-	-	8.9	12.6
Bude	b	b	55	61	-	-	2.6	10.4
Ilfracombe	b	b	51	61	-	-	2.7	3.8
6 Aberystwyth	b	b	53	62	-	-	4.4	2.6
7 Llandudno	c	b	54	62	0.4	-	2.0	0.2
Colwyn Bay	b	b	53	61	0.3	-	1.1	0.1
Rhyl	c	b	54	60	3	-	1.3	0.6
Wallasey	b	b	53	62	5	Trace	4.6	0.1
Southport	b	b	52	65	3	-	7.3	0.0
Blackpool	b	b	54	62	2	-	6.6	0.4
Morecambe	b	b	53	65	3	-	6.9	2.9
9 Ilkley	c	c	49	62	3	-	1.5	1.6
Harrogate	b	b	48	60	1	-	4.5	0.8
10 Berwick-on-T.	b	b	43	57	Trace	-	6.1	3.2
11 Dunbar	b	b	48	60	Trace	-	5.8	3.4
12 Troon	b	b	50	60	-	-	3.3	5.0
Douglas	b	b	52	59	1	-	2.1	1.6

* 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 September, 1938.

1 S.E. England	
2 E. England	Wind backing southwest, light or moderate; mainly cloudy, occasional slight rain later; rather cool.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	Freshening southwest wind; cloudy, slight local rain at first, a period of heavier rain later; rather cool.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh southwest wind, veering west later; cloudy, occasional rain, mostly tonight; bright intervals and local showers tomorrow; rather cool.
12 S.W. Scotland & Isle of Man	
13 A.W. Scotland, B.N.W. Scotland	Fresh or strong southwest wind, veering west later; a period of rain; showers later; rather cool.
14 Mid Scotland	As 11 - 12.
15 N.E. Scotland	
16 Orkney and Shetland	As 13.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	As 7 - 10.
20 S.W. Ireland	

* N. Stationary Office Press, London 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 depression off Southern Iceland is moving east. Rain will spread to most areas but will be slight in the South.

FURTHER OUTLOOK.

Bright intervals and local showers in the North; occasional rain in the South, probably only slight.

Forecasts issued at 1100 G.M.T.

GEORGE N. JOHNSON, M.Sc., A.R.C.S., Director.

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

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

938.

HIGH

48°

1022

55°

1020

1018

1016

1014

1012

1010

1008

1006

1004

1002

1000

998

996

994

992

990

988

986

984

982

980

978

976

974

972

970

968

Morning of

MONDAY 5TH SEPTEMBER

1938.

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. ⚡ 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.

OBSERVATIONS at 1 hr. G.M.T. 5th September														OBSERVATIONS at 7 hr. G.M.T. 5th September														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. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN-SETTING 4th hr. (38)	
					Direc. (3)	Force (4)					Form.	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force (18)			Form.	Amount. (25)					Height of Base. (feet) (28)	Max. Day 7h-18h (31)	Min. Night 18h-7h (32)	Min. on Grass (33)	Day 7h-18h (34)			Night 18h-7h (35)						
																																Low (9)	Med. (10)	High (11)	Low (12)		Total 0-10 (13)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1024.6	+3	SW	1	Zo	48	92	5	-	3	1	0	4.6	-	1	*	62	45	37	-	-	4.4		
	Croydon	217	1024.8	+2	WN	1	b	49	85	6	-	-	0	0	-	1024.7	+4	W'S	1	46	92	6	1	3	-	Tr	2.3	2500	0	*	64	43	40	Tr	-	2.9	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1024.8	+4	WN	2	Zo	46	97	6	-	3	-	0	9	-	0	*	64	39	32	Tr	-	4.2		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1025.4	+2	-	0	46	92	7	-	3	-	0	9	-	-	-	0	*	62	42	39	-	-	4.8	
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1025.0	+6	NNW	3	Zo	49	92	6	-	5	-	0	7.8	-	1	65	47	45	-	-	5.2			
	Lympne	340	1024.1	-2	NNW	3	b	48	92	8	-	-	0	0	-	1024.1	+6	NNW	4	49	92	5	-	3	-	0	2.3	-	1	61	45	43	Tr	-	4.4		
	Manston	142	1023.2	-2	NNW	3	bc	55	85	7	-	7	-	0	4.6	-	1023.5	+10	NNW	3	53	92	7	5	-	9+	9+	800	1	*	68	52	50	-	-	6.3	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1023.5	+4	NW	1	c	48	92	7	-	3	-	0	7.8	-	0	*	65	45	40	Tr	-	4.2		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1023.1	+4	NNW	3	Zo	52	92	6	5	3	-	4.6	9	450	0	2	63	49	47	-	-	7.2		
	Gorleston	5	1022.3	-2	NNW	2	c/pr	54	92	7	8	-	-	7.8	7.8	2500	1022.2	+2	NNW	3	53	92	6	8	-	4.6	4.6	2500	1	2	62	50	49	1	2	5.2	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1023.4	0	WSW	3	Zo	47	97	5	3	3	-	4.6	7.8	4000	0	*	62	39	36	0.6	Tr	1.0		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1024.0	+2	WN	2	Zo	48	92	5	5	3	-	4.6	9+	7200	0	*	62	48	44	-	-	3.9		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1024.5	+2	NW	2	c	50	85	5	-	3	-	0	10	-	1	*	60	48	41	0.5	-	1.8		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1024.9	-2	NW	2	c	48	92	7	5	3	-	2.3	10	800	0	*	62	46	41	-	-	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1025.7	0	SW	2	c	45	92	8	5	7	-	1	9+	4000	0	*	62	42	37	-	-	3.2		
5	Hartland Point	299	1026.6	-2	N	3	bc	55	85	9	5	-	-	2.3	2.3	1500	1026.1	+6	N	2	56	85	9	2	3	-	2.3	7.8	1500	0	2	60	55	51	-	-	2.3
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1025.9	0	-	0	49	97	7	7	3	8	2	3	8	2.3	7.8	4000	0	*	63	44	31	-	-	6.7
	Portland Bill	32	1025.0	-2	NNE	3	bc	55	85	8	5	-	-	4.6	4.6	2500	1025.3	+8	NW	3	57	85	8	5	4	-	7.8	9	2500	1	3	64	52	*	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1026.3	+6	NNW	1	c	48	92	8	-	3	2	0	9	-	0	1	62	47	43	Tr	-	2.7		
	The Lizard	240	1027.2	-2	NW	2	bc	51	85	8	7	-	-	2.3	2.3	4000	1026.7	+2	N	2	53	85	8	6	1	4.6	9	2500	0	1	64	49	*	-	-	5.3	
	Scilly (St. Mary's)	163	1027.6	-6	NNW	2	bc	54	85	8	4	-	2	1	2.3	2500	1027.1	+4	NNW	2	54	85	8	5	3	3	2.3	7.8	2500	0	1	63	53	*	-	-	6.3
	Guernsey	175	1025.0	-2	NNW	1	bc	55	92	9	-	3	-	0	2.3	-	1025.1	+6	NNW	1	56	85	8	-	7	8	0	4.6	-	0	1	64	53	44	-	-	9.1
6	Pembroke	142	1027.3	0	NNW	1	bc	55	92	8	2	1	-	2.3	4.6	2500	1026.1	0	NW	1	55	92	7	2	5	8	4.6	9+	2500	0	1	60	51	*	-	-	2.4
7	Holyhead	26	1026.1	0	-	0	bc	55	92	8	5	4	-	2.3	4.6	2500	1024.9	-2	NW	3	55	75	8	9	7	-	4.6	10	2500	0	1	60	53	46	-	Tr	2.6
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1025.0	+2	NW	1	Zo	53	92	6	5	2	-	9	10	2500	0	*	61	50	15	Tr	-	4.3		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1024.9	+4	-	0	49	97	3	5	-	-	-	10	1500	1	*	63	40	37	-	-	4.2			
10	Spurn Head	29	1023.5	0	NNW	2	b	44	92	5	-	-	-	0	0	-	1023.3	0	NNW	2	54	85	6	5	4	-	4.6	7.8	4000	1	1	(58)	51	*	-	Tr	5.5
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.5	+2	NNW	2	51	85	7	-	3	-	0	9+	-	1	61	42	40	-	-	1.6	
	Tynemouth	108	1023.6	-4	W	2	c	52	85	7	5	-	-	7.8	7.8	1500	1023.9	+4	W	2	51	85	6	8	-	9+	9+	1500	0	1	57	50	47	-	-	3.8	
11	St Abbs Head	280	1024.4	-4	NNW	4	c	53	85	6	5	2	-	4.6	10	2500	1023.2	0	-	0	51	85	7	5	2	-	7.8	10	2500	0	1	59	51	*	-	0.1	*
	Louchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	-2	W	2	49	92	8	5	1	-	10	4000	1	*	62	42	42	Tr	-	4.6	
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.0	-2	WN	1	51	92	8	5	2	-	2.3	10	2500	0	*	62	47	42	-	-	2.8
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	-2	-	0	42	97	7	5	-	10	10	800	1	*	59	38	33	-	-	3.3	
	Point of Ayre	30	1025.1	-2	NW	4	bc	56	85	8	5	4	-	4.6	4.6	800	1024.2	-2	NW	3	54	85	8	4	6	Tr	10	1500	0	1	62	53	*	-	-	2.5	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.0	-12	SW	3	55	85	9	8	2	-	4.6	9+	2500	0	2	58	53	50	0.3	0.1	1.1
13B	Stornoway	80	1022.1	-12	SSW	4	c	53	85	8	5	7	-	7.8	10	2500	1019.1	-16	SSW	5	55	85	8	8	2	-	7.8	10	2500	1	3	56	51	*	0.3	Tr	0.8
15	Dalwhinnie	1170	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	-6	SW	2	48	92	7	5	-	10	10	2500	0	*	58	44	35	Tr	-	1.8	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.2	-4	-	0	51	97	6	5	1	-	9+	9+	4000	1	1	60	50	47	0.3	-	3.4
	Wick	81	1022.8	-4	W	2	c	49	97	8	5	7	-	7.8	9+	1500	1020.8	-6	SW	2	51	92	8	5	7	-	7.8	9+	1500	1	1	58	45	*	-	-	*
16	Lerwick	156	1021.6	-14	-	0	bc	51	97	8	5	-	-	4.6	4.6	1500	1019.9	+4	SSW	2	52	92	8	5	1	-	4.6	7.8	1500	0	*	57	49	*	-	-	7.2
17	Blacksod Point	18	1026.2	-12	NNW	3	c	55	85	8	5	-	-	7.8	7.8	800																					

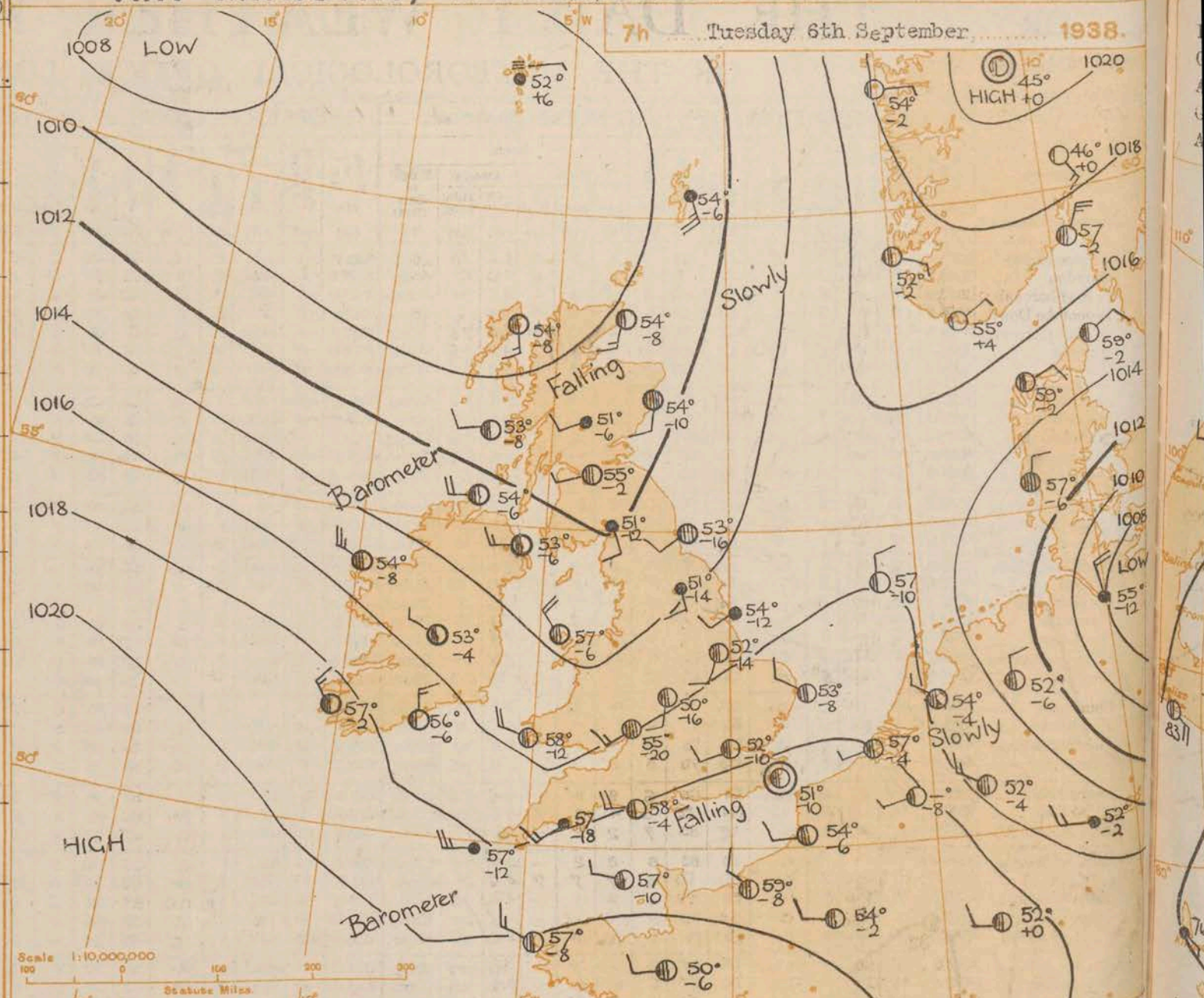
District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 5th. September.														OBSERVATIONS at 18h. G.M.T. 5th. September.														PAST 24 HOURS.																			
		Barom. at M.S.L.	Change in 8 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					Barom. at M.S.L.	Change in 8 hours.	Wind.		Weather.	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. 5th...	13h.—18h. 5th...	18h. 5th. to 1h. 6th...	1h.—7h. 6th...															
																																			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)	(31)	(32)	(33)	(34)																
1	London (Kew)	1023.4	-6	NW	3	c	62	55	7	8	7	5	4-6	3+	2500	1021.7	-8	NW	2	z	60	65	6	5	-	-	10	10	2500	0	*	bc	cy	cm	cm														
	Croydon	1023.2	-10	NNW	2	c	62	55	7	2	-	6	4-6	3	4000	1022.0	-6	NNW	2	c	61	65	6	5	7	-	7-8	10	5700	0	*	cm	bc	cm	cm														
	S. Farnborough	1023.2	-12	NW	2	c	64	55	8	3	-	4-6	3+	4000	1022.0	-8	NW	1	c	59	65	6	5	-	7	7-8	10	5700	0	*	cm	cy	cm	cm															
	Boscombe Down	1024.2	-8	NW	3	c	60	65	8	8	3	4	7-8	3	2500	1022.8	-6	NNW	2	c	58	75	8	5	1	-	7-8	10	4000	0	*	c	c	c	cid														
	Calshot (Stmntn.)	1023.8	-14	NNW	3	c	62	55	8	5	3	8	4-6	7-8	2500	1022.7	-4	NNW	3	c	61	65	8	5	2	-	4-6	10	5700	0	2	cm	cy	c	c														
	Lympe	1023.1	-6	NW	2	bc	61	55	8	8	6	-	4-6	4-6	4000	1022.0	-8	-	0	z	57	75	6	-	4	1	0	4-6	-	0	1	bc	bc	cm	cm														
	Manston	1022.4	-8	NNW	3	bc	62	65	7	2	3	-	2-3	2-3	2500	1021.5	-2	-	0	c	57	75	7	5	3	1	2-3	3	5700	0	*	bc	bc	bc	cm														
2	Shoeburyness	1022.5	-8	NNW	3	c	64	55	8	8	6	-	7-8	7-8	4000	1021.2	-6	NW	1	c	60	65	7	5	7	-	4-6	3+	4000	0	*	bc	cy	cm	cm														
	Felixstowe	1022.2	-10	NNW	2	c	64	45	8	2	-	1	7-8	7-8	2500	1021.4	-4	ENE	1	c	60	75	8	8	6	6	2-3	7-8	2500	0	1	cm	bc	c	cm														
	Gorleston	1022.6	+6	NEW	4	bc	63	65	6	7	6	-	4-6	4-6	2500	1021.2	-4	NNE	2	bc	59	65	7	1	5	1	2-3	4-6	2500	0	2	bc	bc	bc	cm														
	Mildenhall	1022.5	-10	NW	2	z	63	55	6	2	-	1	4-6	4-6	4000	1021.3	-2	NNW	2	ir	59	75	7	5	2	-	7-8	10	4000	0	*	cm	bc	bc	cm														
	Cranwell	1022.4	-6	-	0	c	63	65	7	8	4	6	4-6	3	2500	1021.3	-6	NNW	1	z	58	75	5	5	1	-	7-8	10	2500	0	*	cz	bc	bc	cm														
3	Birmingham	1024.2	-2	NW	2	c	57	75	6	5	2	-	7-8	10	4000	1021.7	-10	N	1	ir	56	85	5	6	2	-	4-6	10	4000	1	*	c	c	c	bc														
	Upper Heyford	1023.7	-4	NNW	3	z	60	65	6	5	7	-	7-8	3+	2500	1021.5	-10	NW	1	c	58	75	7	5	7	-	4-6	10	2500	0	*	cm	c	c	bc														
4	Ross-on-Wye	1023.6	-12	N	2	c	62	65	8	8	7	-	3	10	2500	1021.8	-10	NSW	1	c	58	75	8	8	1	-	3	3+	2500	0	*	c	c	c	bc														
5	Hartland Point	1025.0	-6	NW	3	bc	58	75	3	5	2	-	2-3	4-6	1500	1023.5	-10	NNW	3	c	56	85	3	6	7	-	1	3+	800	0	2	bc	c	c	bc														
	Bristol	1024.6	-12	NW	2	c	60	75	7	8	7	-	4-6	10	2500	1022.9	-8	N	3	c	56	75	7	5	7	-	4-6	3	4000	0	*	bc	c	c	bc														
	Portland Bill	1024.2	-10	NNW	3	c	62	85	8	5	7	-	4-6	3	2500	1023.3	-4	NW	3	c	56	85	3	6	7	-	4-6	10	2500	0	3	c	c	c	bc														
	Plymouth	1025.3	-10	WSW	2	c	59	75	8	7	7	1	7-8	3+	2500	1023.8	-4	NW	3	c	59	65	8	5	7	3	1	3+	1500	0	1	c	c	c	bc														
	The Lizard	1026.0	-6	NNW	2	c	60	75	8	8	6	-	7-8	3	2500	1024.3	-6	NNW	3	c	57	75	8	4	2	-	3	10	1500	0	0	c	c	c	bc														
	Scilly (St. Mary's)	1026.7	-6	NNW	2	c	62	65	8	5	6	-	2-3	3+	2500	1025.3	-8	NNW	2	c	57	85	8	8	7	-	4-6	10	1500	0	1	c	c	c	bc														
	Guernsey	1024.3	-4	NNW	2	bc	62	65	3	1	3	-	7	2-3	2500	1023.8	-6	NNW	1	c	58	75	8	-	3	8	0	10	-	0	1	bc	bc	bc	bc														
6	Pembroke	1025.6	-6	NW	1	c	57	75	8	8	6	-	7-8	3+	2500	1023.6	-6	N	3	c	57	75	8	8	-	-	3+	3+	2500	1	0	c	c	c	bc														
7	Holyhead	1023.8	-8	NW	3	c	57	75	8	3	7	-	4-6	10	1500	1021.2	-18	SW	4	c	57	85	8	7	3	-	4-6	3+	4000	0	1	c	c	c	bc														
	Chester (Sealand)	1023.7	-10	NW	3	c	59	75	8	6	1	-	7-8	10	2500	1022.0	-10	NNW	1	c	55	85	7	5	7	-	7-8	3+	4000	1	*	cm	c	c	bc														
8	Manchester	1023.4	-8	NW	3	c	59	75	8	5	1	-	7-8	10	4000	1021.9	-10	NNW	2	ir	55	85	6	5	2	-	7-8	10	2500	1	*	cm	c	c	bc														
10	Spurn Head	1022.7	-4	E	2	bc	61	65	6	8	8	3	4-6	4-6	2500	1021.0	-8	SW	3	c	57	75	6	5	-	-	10	10	800	0	1	c	c	c	bc														
	Catterick	1021.6	-14	N	2	c	64	55	8	4	3	7	4-6	10	2500	1020.1	-6	N	3	pr	56	75	8	6	3	-	2-3	10	4000	1	*	c	c	c	bc														
	Tynemouth	1021.7	-8	SE	2	c	57	85	7	2	2	-	7-8	3	1500	1020.0	-18	WSW	2	c	57	65	6	8	-	-	7-8	7-8	1500	0	1	c	c	c	bc														
11	St. Abbs Head	1020.8	-8	-	0	c	55	85	8	8	2	-	4-6	3+	2500	1018.6	-6	WSW	4	c	56	85	8	3	2	-	4-6	10	2500	0	2	c	c	c	bc														
12	Leuchars	1020.3	-12	WSW	2	c	53	65	8	7	7	-	4-6	3+	2500	1017.3	-14	WSW	3	dr	56	85	6	5	1	-	7-8	10	2500	0	*	c	c	c	bc														
	Renton (Abbots L.)	1020.7	-14	WSW	2	id	56	85	8	5	1	-	4-6	10	1500	1018.0	-18	SSW	2	ir	54	85	6	6	2	-	4-6	10	800	1	*	c	c	c	bc														
	Eskdalemuir	1021.6	-8	SW	4	c	54	75	8	5	-	-	10	10	1500	1019.1	-14	SW	4	ir	52	85	7	6	-	-	10	10	800	1	*	c	c	c	bc														
	Point of Ayre	1022.3	-6	NNW	3	c	61	75	8	3	2	-	4-6	10	1500	1020.2	-18	SW	2	ir	56	85	8	2	2	-	7	3+	1500	1	1	c	c	c	bc														
13	Three	1017.5	-16	SSW	5	rr	56	37	6	-	2	-	10	10	1500	1014.2	-14	WSW	3	c	57	37	7	6	2	-	4-6	10	450	1	4	c	c	c	bc														
14	Stornoway	1015.2	-18	SSW	7	rr	55	32	6	6	2	-	7-8	10	1500	1013.6	-12	SSW	4	rr	56	37	6	8	2	-	3	10	1500	1	2	c	c	c	bc														
15	Dalwhinnie	1019.5	-16	SW	3	ir	54	85	7	5	2	-	4-6	10	2500	1017.1	-12	S	3	rr	49	32	7	5	-	-	10	10	2500	1	*	c	c	c	bc														
	Aberdeen	1013.6	-18	SW	3	c	58	75	8	3	6	-	2-3	3	2500	1016.6	-12	SW	2	c	57	85	6	-	7	8	0	3	-	0	1	c	c	c	bc														

REPORTS from HEALTH RESORTS for 5th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h-5h.	Max. 5h-17h.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunset to 17h.
1	Tunbridge W.	cbe	bcc	33	61	-	-	6.0	3.5
	Bournemouth	bcbcc	c	45	65	-	-	4.4	5.4
	Venar	bc	bcc	48	65	-	-	4.5	5.8
	Southsea	b	bcc	44	65	-	-	4.6	5.5
	Eggnor Regis	bc	bc	46	65	-	-	4.7	7.1
	Littlehampton	cbe	bcc	45	68	-	-	4.6	6.5
	Worthing	bc	bcc	48	66	-	-	6.1	6.2
	Brighton	cbe	cbe	49	65	-	-	5.8	6.2
	Eastbourne	bcbcc	c	51	65	-	-	6.1	3.6
	Hastings	bc	coc	45	66	-	-	6.7	4.0
	Folkestone	bcc	bcc	45	65	-	-	6.5	3.6
	Dover	bc	bc	51	67	-	-	6.6	3.6
2	Deal	cb	bcbcc	43	66	-	-	5.9	4.8
	Ramsgate	bc	bc	54	65	-	-	8.3	6.1
	Margate	bc	bc	53	64	-	-	7.7	6.3
	Southend	bzbc	bcc	48	67	-	-	5.7	3.4
	Clacton-on-Sea	bc	bcbcc	48	66	-	-	6.2	3.7
	Dovercourt	bc	bc	54	66	-	-	6.9	6.9
	Lowestoft	cirbc	b	48	64	0.4	-	3.4	5.4
	Skegness	bcb	bcbcc	46	61	-	-	8.1	2.1
	Mablethorpe	bcb	bcbcc	48	61	-	-	8.3	3.8
	Cleethorpe	bc	bcc	48	62	-	-	4.0	3.8
	Leamington S.	c	c	45	60	-	-	0.3	1.3
	Cheltenham	c	co	45	62	-	-	0.3	5.2
3	Bath	bcc	c	45	62	-	-	1.7	3.6
	Weymouth	bc	c	48	65	-	-	3.5	4.5
	Jersey	cbe	bcc	54	66	-	-	3.5	7.1
	Torquay	wbcb	c	48	63	-	-	2.4	5.8
	Falmouth	c	c	45	64	-	-	1.5	4.5
	Penzance	bcbcc	bcc	51	65	-	-	3.1	7.2
	St. Ives	c	o	48	61	-	-	4.2	8.9
	Bude	bcbcc	co	42	61	-	-	1.9	3.2
	Hfracombe	bcbcc	coco	51	61	-	-	0.2	2.7
	Aberystwyth	cbe	bc	47	61	-	-	0.0	5.1
	Llandudno	c	cmrc	55	58	-	Trace	0.0	2.0
	Colwyn Bay	oc	bcbcc	52	58	-	-	0.0	1.1
4	Rhyl	bc	crc	53	58	Trace	0.2	0.0	1.3
	Wallasey	bcc	cb	55	60	-	Trace	0.5	5.7
	Southport	c	corg	53	60	0.2	0.1	0.2	8.6
	Blackpool	oc	oor	53	59	0.3	Trace	0.5	7.6
	Morecambe	cdc	cdcd	50	59	Trace	Trace	0.0	8.0
	Ilkley	bc	c	45	62	-	-	3.3	1.7
	Harrogate	bcb	bcc	47	62	-	-	4.0	4.6
	Berwick-on-T.	c	c	48	60	0.1	-	4.6	6.1
	Dunbar	bcm	cm	48	60	-	-	0.9	5.8
	Troon	copoc	cnor	53	56	-	3	0.0	3.8
	Douglas	cpr	c	49	58	-	0.3	0.0	3.1

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. 6th September, 1938.

1 S.E. England	Light or moderate westerly wind; cloudy; occasional rain or drizzle; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	Moderate or fresh westerly wind; cloudy; showery; cool.
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh southeasterly winds, some showers but bright intervals; cool.
12 S.W. Scotland & Isle of Man	
13 A.W. Scotland & N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	As 12 - 14.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

1st Stationary Office Press, London 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 depression to the north of Scotland is moving southeast and further depressions on the Atlantic will move eastwards. Weather will be generally unsettled with some rain in all districts.

FURTHER OUTLOOK.

Unsettled with some rain in all districts.

Forecasts issued at 1030 G.M.T. GEORGE Johnson, M.Sc., J.A.R. C.S. Director

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

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

1938.

1020

46° 1018

57° 1014

1016

59° 1012

1010

1008

55° 1012

1010

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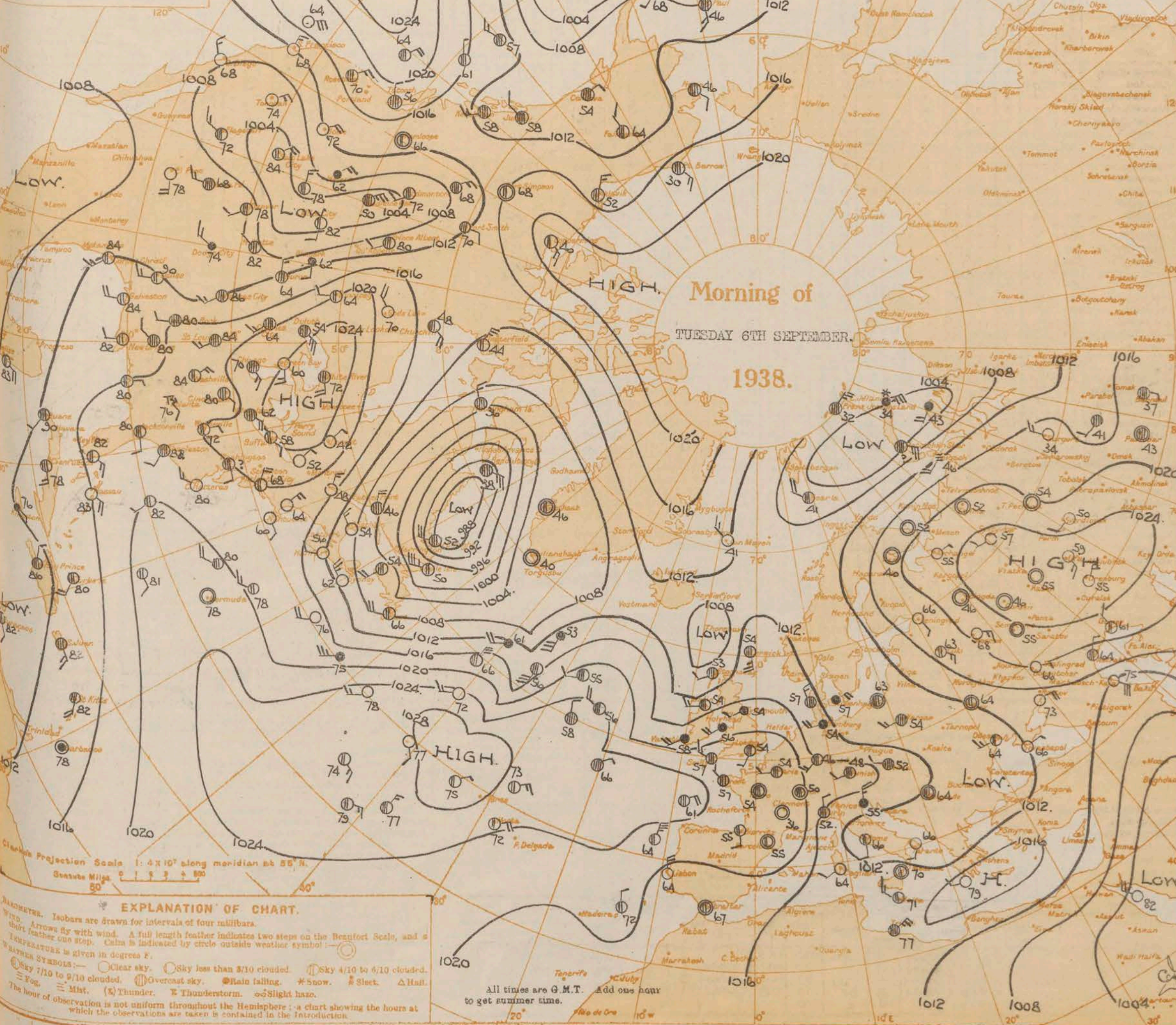
55° 1012

1010

1008

55° 1012

1010



Clarke Projection Scale 1: 4 X 10⁷ along meridian at 55° N.
Statute Miles 0 100 200

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.

A.R.C.S. Director.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 6th September, 1938

No. 28047

OBSERVATIONS at 1 hr. G.M.T. 5th September														OBSERVATIONS at 7 hr. G.M.T. 6th September														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)	Visib. (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)	Visib. (22)	Cloud.				Barom. at M.S.L. (25)	Change in 3 hours. (26)	Wind. Direc. (27)	Force (28)	Weather. (29)	Temp. °F. (30)	Humid. % (31)	Visib. (32)	TEMPERATURE.			RAINFALL.		SUNSHINE 5th Hrs.				
											Form.			Amount. Total (13)									Height of Base (feet) (14)	Form.											Amount. Total (27)	Height of Base (feet) (28)	State of Ground. (29)	Sea. (30)	Max. Day 7h-18h °F. (31)		Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
											Low (9)	Med. (10)	High (11)											Low (23)	Med. (24)	High (25)																		
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1017.3	-18	SW	1	c/pr	53	92	6	5	7	-	7-8	94	4000	1	*	64	52	50	-	Tr	3.1									
	Croydon	217	1020.8	-10	SW	1	c	54	85	6	-	7	-	0	10	-	1017.9	-10	WSW	2	c	52	92	6	7	-	0	94	-	0	64	51	50	-	Tr	3.3								
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1017.4	-12	WSW	2	c	52	85	7	3	-	9	94	7200	0	*	65	49	44	-	Tr	2.8										
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1017.8	-14	SSW	2	c	51	97	7	2	-	9	94	2500	0	*	61	49	47	-	Tr	2.5										
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1018.7	-12	SW	2	c	52	85	5	7	-	94	94	2500	0	1	65	51	48	-	Tr	2.9										
	Lympe	346	1020.5	-8	NW	2	c/r	53	85	6	5	2	-	94	10	7200	1018.2	-10	SW	2	c	51	92	5	2	-	9	94	7200	0	\$0	62	50	48	-	0.3	7.0							
	Manston	142	1019.7	-12	WNW	2	c	55	85	6	5	2	-	9	10	4000	1017.5	-8	SW	1	c	53	92	4	5	7	-	4-6	10	4000	1	*	63	51	46	-	Tr	7.2						
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1017.3	-8	SW	1	c	56	85	6	5	2	-	7-8	10	2500	0	*	66	52	49	-	Tr	6.4									
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1017.3	-10	W	1	c	54	92	6	5	2	-	4-6	10	5700	1	1	63	53	50	-	Tr	5.9									
	Gorleston	5	1019.5	-10	WNW	1	c/pr	54	85	6	8	-	-	94	94	2500	1016.5	-8	W	1	c/pr	53	92	6	5	2	-	94	94	2500	0	1	64	52	50	-	0.1	10.1						
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1016.6	-10	SSW	2	c	52	97	6	5	7	-	10	10	2500	1	*	65	50	48	Tr	0.2	6.2									
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1015.9	-14	SW	2	c	52	92	6	5	7	-	4-6	10	5700	1	*	65	50	49	-	0.2	5.7									
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1015.7	-16	SSW	2	c/r	50	97	5	2	-	10	10	2500	0	*	53	50	48	Tr	0.4	0.1										
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1017.2	-14	SW	1	c	51	92	6	5	3	-	4-6	10	800	1	*	62	50	47	-	Tr	0.1									
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1015.6	-20	SW	3	c	55	92	6	5	3	-	10	10	1500	1	*	62	51	49	-	0.6	0.1									
5	Hartland Point	299	1020.2	-20	WNW	4	c	57	85	8	8	7	-	2-3	10	1500	1015.8	-20	W	4	c/r	58	97	6	6	6	-	9	94	450	1	3	61	52	53	-	4	1.1						
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1016.8	-14	SW	3	c/r	53	92	7	7	-	9	94	1500	0	*	61	49	49	-	0.1	1.1										
	Portland Bill	32	1020.3	-8	WNW	3	c	55	85	8	8	-	-	7-8	7-8	2500	1017.9	-18	W	4	c	58	92	8	4	-	7-8	10	2500	1	3	62	52	52	-	0.5	1.1							
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1017.9	-18	SW	3	c	57	97	6	5	7	-	94	94	800	1	2	62	52	52	-	0.5	1.1									
	The Lizard	240	1022.4	-12	W	3	c	56	85	8	4	2	-	9	10	2500	1018.6	-10	WSW	4	c	57	97	6	5	7	-	10	10	1500	1	2	63	53	53	-	2	1.8						
	Scilly (St. Mary's)	163	1022.5	-16	W	3	c	57	85	8	4	2	-	9	10	2500	1018.9	-12	W	4	c	57	97	6	5	7	-	10	10	1500	1	2	65	53	53	-	1	3.1						
	Guernsey	175	1021.8	-16	WNW	1	bc	55	92	9	3	8	0	4-6	-	-	1019.7	-10	W	1	c	57	85	8	8	2	-	4-6	10	4000	0	1	64	55	48	-	-	8.9						
6	Pembroke	142	1019.4	-10	SW	5	pr	58	92	7	6	-	-	10	10	1500	1015.7	-12	WNW	4	c	58	97	7	8	-	94	94	2500	1	3	58	56	53	Tr	2	1.4							
7	Holyhead	26	1016.6	-26	SW	4	dd	56	92	6	5	-	-	10	10	450	1013.6	-6	NW	4	c	57	85	8	8	-	9	9	2500	1	2	58	54	54	Tr	3	0.0							
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1014.3	-14	ESE	2	c/r	52	97	6	6	-	9	9	1500	1	*	60	51	50	Tr	3	0.2										
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1014.4	-20	S'E	2	c	52	97	3	6	-	10	10	800	1	*	59	51	50	Tr	3	0.0										
10	Spurn Head	29	1018.5	-12	W	3	ro	54	92	4	5	-	-	10	10	1500	1015.7	-12	SW	2	c	54	92	5	5	1	-	4-6	9	1500	1	1	62	52	52	-	0.4	8.3						
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1013.8	-14	SSE	2	c	51	92	4	6	2	-	7-8	10	800	1	*	64	50	49	Tr	0.2	3.2									
	Tynemouth	108	1016.9	-12	SW	2	o	54	85	6	5	-	-	10	10	800	1013.3	-16	SW	2	o	53	85	5	5	-	10	10	1500	1	1	60	52	50	-	0.1	3.2							
11	St. Abbs Head	280	1014.9	-20	WSW	2	ro	51	97	8	3	2	-	7-8	10	1500	1011.9	-10	SW	3	c	51	97	8	3	2	-	7-8	10	1500	1	3	60	51	51	-	0.5	*						
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1011.5	-10	SE	2	c/r	54	94	7	5	7	-	10	10	800	1	*	59	52	49	Tr	1	0.2									
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1011.5	-2	W	1	c	53	92	5	5	7	-	7-8	7-8	5700	1	*	58	51	51	-	3	0.0									
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1012.0	-12	SSE	2	dd	51	97	5	2	-	10	10	450	1	*	56	49	50	Tr	3	0.3										
	Point of Ayre	30	1015.4	-24	WSW	3	id	55	97	7	8	2	-	4-6	10	800	1012.6	-10	NW	3	c	55	97	7	8	-	4-6	94	1500	1	2	61	54	54	-	1	0.1							
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1010.5	-8	WS	2	c/d	53	97	8	8	7	-	2-3	94	1500	1	3	57	51	50	Tr	2	0.0									
13B	Stornoway	80	1012.9	-6	SW	2	c	53	92	8	5	2	-	7-8	10	1500	1010.5	-8	WS	2	c	54	92	8	7	-	4-6	94	2500	1	2	56	52	50	Tr	0.4	0.0							
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	1011.3	-6	WSW	2	id	51	97	5	5	-	10	10	1500	1	*	54	48	47	-	2	0.0										
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1011.4	-10	SW	2	o	54	97	6	5	-	10	10	450	1	1	60	52	50	-	0.1	3.0										
	Wick	81	1011.7	-12	SSW	2	ro	54	97	8	8	2	-	3	10	1500	1010.2	-8	SSW	2	c/d	54	97	7																				
16	Lerwick	156	1013.3	-12	SSE	3	c	54	92	8	8	7	-	4-6	94	1500	1011.8	-6	SSE	3	id	54	97	7	5	2	-	7-8	10	800	1	*	55	53	53	-	0.3	0.5						

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 6th September.														OBSERVATIONS at 18h. G.M.T. 6th September.														PAST 24 HOURS.										
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.					State of Ground. 0-9	Sea. 0-8	WEATHER.										
				Direc.	Force 0-12					Form.			Amount. Low 0-10 Total 0-10	Height of Base (feet)			Direc.	Force 0-12					Weather.	Temp. °F.	Humid. %	Visibility 0-10	Form.			Amount. Low 0-10 Total 0-10	Height of Base (feet)	7h.-13h. 6th.	13h.-18h. 6th.	18h. 6th to 1h. 7th.	1h.-7h. 7th.					
										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)	1014.2	-24	SSW	3	c/d	61	85	7	5	-	-	10	10	1500	1011.2	-16	W	3	tlr	59	85	5	3	-	-	3	3	1500	1	*	cm, bridge	cctlr	tblrm	ben, w					
	Croydon	1014.3	-20	S	3	gr	58	85	7	6	2	-	4-6	10	1500	1011.8	-16	SW	2	bcu	60	85	7	3	6	-	4-6	4-6	2500	1	*	qid, r, r, r	cld, pr	cubcl	cm					
	S. Farnborough	1014.1	-22	SW	3	id	60	85	7	5	-	-	3+	3+	1500	1011.1	-16	W	3	c	63	65	7	8	-	-	4-6	4-6	2500	1	*	cld, c	d, r, cbc	bc, c	cbw					
	Boscombe Down	1014.1	-22	SW	2	gr	59	87	8	3	7	-	3	3+	220	1012.3	+2	NW	3	c	53	75	8	8	3	-	7-8	7-8	2500	0	*	pr, r, r, c	c	bc, c	cp, bc					
	Calshot (St. Mary's)	1015.5	-22	SW	4	ir	61	82	7	5	-	-	3+	3+	2500	1013.0	-10	SW	3	c	61	82	8	5	4	-	4-6	7-8	4000	1	2	cr, r, m, c	cld, cbc	bc, c	bw, bc					
	Lympne	1016.2	-18	WS	3	dr	58	65	6	-	2	-	10	10	2500	1013.2	-20	SW	3	dr	57	57	4	-	2	-	10	10	450	1	4	or, m, c	or, d, f, dd	om, m, c	bec, om, c					
	Manston	1015.4	-14	WSW	3	c	60	65	6	5	2	-	4-6	10	2500	1012.1	-20	SW	2	c	58	52	7	5	7	-	7-8	3+	2500	1	*	cr, r, c	cr, r, r, c	cb, c, w	c, w, m, c					
2	Shoeburyness	1015.0	-12	SSW	2	ir	58	85	6	5	7	-	3	10	5700	1011.7	-20	S	3	c	60	85	8	5	-	-	3	3	5700	1	*	m, r, r, m	m, d, r, c	c, bc	b, m, c					
	Felixstowe	1014.3	-18	SSW	2	gr	55	75	6	8	7	-	4-6	10	2500	1012.3	-18	SE	3	d, d	57	57	5	5	-	-	10	10	1500	1	2	cld, r, c, m	cld, r, c, d	r, r, c, m	of, f, c, m					
	Gorleston	1014.5	-16	SE	3	id	57	80	6	6	-	-	10	10	2500	1011.3	-6	SW	2	c	58	75	6	5	-	-	10	10	2500	0	2	cr, d, c	cld, r, c	c, r, c, m	id, m, c, m, c					
	Mildenhall	1014.0	-16	SSE	3	z	58	75	6	5	2	-	4-6	10	2500	1011.0	-16	SSE	2	z	58	52	6	5	3	-	7-8	3	1500	1	*	cld, c, z	c, z, d, d	c, r, m, m, d	id, m, c, m, c					
	Cranwell	1013.0	-22	SW	2	d, d, d	55	57	6	5	2	-	3	10	800	1010.6	-14	ESE	1	z	56	32	5	5	4	-	4-6	7-8	4000	0	*	r, r, c, d, d	c, d, b, c	c, m, m, r, c	b, m, c, m					
3	Birmingham	1012.7	-10	-	0	ir	53	85	5	6	-	-	10	10	1500	1011.4	0	NNW	3	c	56	85	7	8	-	-	3	3	2500	1	*	r, r, c	r, c	c, pr	c, bc					
	Upper Heyford	1013.6	-18	SW	3	gr	53	82	6	6	7	-	3	3+	450	1011.2	-10	WN	2	c/pr	60	85	3	8	-	-	3+	3+	2500	1	*	cr, d, r	c, r, r, P	c	cb, w					
	Ross-on-Wye	1012.6	-14	NW	2	c	62	75	8	8	-	-	7-8	7-8	4000	1012.1	0	NNW	3	c	57	65	3	5	-	-	3+	3+	4000	0	*	p, c, r, c	b, o, y, c, v	c, bc	c, p, c					
4	Hardland Point	1015.3	-6	NW	3	c/d	55	82	8	8	7	-	2-3	3+	1500	1013.7	-8	NNW	4	c	57	75	8	8	7	-	4-6	3+	1500	0	3	ir, d, d	c, bc	c, bc	c, r, c, p					
	Bristol	1013.6	-14	W	4	bc	65	65	8	8	7	-	4-6	4-6	2500	1012.4	-6	W	4	bc	58	75	8	8	-	8	4-6	4-6	2500	1	1	cld, r, c, bc	c, bc	c, bc	c, r, c					
	Portland Bill	1014.2	-14	WSW	5	pr	60	82	7	5	-	-	10	10	1500	1013.0	-6	W	4	g	59	82	8	5	5	-	4-6	3	2500	1	4	pr	pr	c	c					
	Plymouth	1015.1	-18	NNW	3	pr	64	65	8	8	3	-	7-8	7-8	4000	1014.2	-2	NNW	3	c	53	65	8	5	7	2	7-8	3+	4000	0	1	r, r, d, d, c	c, pr, c	c, id	c, id, pr					
	The Lizard	1016.2	-10	W	4	c	64	85	7	8	6	-	4-6	7-8	1500	1015.5	-6	NNW	3	c	58	75	8	8	7	-	7-8	3	2500	1	2	r, r, c	c	c, pr, c	c, pr, c					
	Scilly (St. Mary's)	1017.1	-12	NNW	5	c	60	75	8	8	2	-	4-6	10	1500	1016.2	-2	NW	4	c	58	75	8	8	7	3	2-3	3	1500	0	3	c, d, d, c	c	c	c, p, c					
	Guernsey	1016.8	-20	SW	3	pr	58	57	5	5	-	-	10	10	1500	1014.6	-4	WS	3	c	60	32	7	8	3	-	4-6	7-8	2500	1	3	c, d, r, r	or, r, c	c	c, pr					
5	Pembroke	1015.2	-6	NNW	5	cq	59	75	8	8	7	1	2-3	7-8	2500	1013.5	-4	WN	4	cq	57	85	7	8	-	-	3+	3+	2500	1	3	cq	cq	cq	cq					
	Holyhead	1013.1	-8	NNW	4	c/pr	58	65	8	2	7	-	4-6	3+	1500	1011.5	-10	W	3	c	57	75	8	5	8	-	7-8	3+	5700	1	2	pr, c	pr, c	pr, c	c, pr					
	Chester (Se. d)	1012.5	-12	NNW	4	c	53	75	8	8	-	-	4-6	7-8	1500	1011.5	-2	WS	3	c	56	75	7	8	3	-	7-8	3	2500	1	*	cr, m, c	cb, c	cb, m, c	b, w, c, r					
	Manchester	1012.2	-14	WN	3	c	61	75	7	8	3	-	7-8	3	2500	1011.3	-6	NNW	3	c	57	75	7	8	3	-	7-8	7-8	4000	1	1	cr, r, m, c	c	pr, m, c	R, R, r, f					
6	Spurn Head	1013.1	-14	SW	3	c	60	75	6	5	-	-	10	10	1500	1011.0	-10	S	2	c	58	85	6	5	-	-	3+	3+	800	0	2	ir, c	c	co	or, r					
	Catterick	1011.0	-16	SE	2	z	60	85	5	5	7	-	7-8	3+	1500	1009.5	-2	0	c	53	59	3	8	4	-	4-6	7-8	2500	1	1	r, r, d, d, c	c, bc	co	b, w, c						
	Tynemouth	1011.0	-14	SSW	2	c	57	85	6	5	-	-	3	3	1500	1009.8	-4	S	1	c/pr	56	32	5	8	-	-	10	10	800	1	1	ac	co, r	oc	co					
7	St. Abbs Head	1010.4	-6	SSE	2	c	56	82	7	3	2	-	7-8	10	1500	1008.3	-4	-	0	ir	55	82	6	8	2	-	7-8	10	1500	1	1	c	m, r, c	c, r, c	c					
	Leuchars	1009.8	-10	S	2	pr	53	85	6	5	-	-	10	10	2500	1008.5	-2	-	0	c	57	82	8	8	7	-	4-6	3+	4000	1	*	cr, r, pr, m	c, r, m, c	c, pr, c, m	c, m, c, r					
	Bentley (Abbots I.)	1010.8	-8	NNW	3	c/pr	58	75	8	5	-	-	3+	3+	2500	1008.5	-10	SSW	2	c/pr	56	85	7	3	4	-	3+	3+	1500	1	*	b, c, pr, c	c, pr	pr, m, c, r	id, d, c					
	Eskdalemuir	1010.2	-6	SW	3	gr	58	65	8	5	-	-	10	10	1500	1005.4	-6	S	2	c	53	32	6	5	-	-	3+	3+	1500	1	*	add, d, d, c	c, r, c	c	c, r, c, w					
	Point of Ayre	1012.2	-4	NNW	3	c	55	75	8	6	-	-	4-6	3	2500	1010.6	-8	W	3	c	57	85	8	8	2	-	4-6	3	800	0	2	c	c, pr, c	c, pr, c	c, pr, c					
8	Three	1008.6	-12	SW	2	ir	55	82	7	-	2	-	3+	3+	1500	1008.0	0	NNW	2	bc	56	85	8	8	6	2	1	2-3	2500	0	3	od, r, c	ir, c	b	pr, c					
	Stornoway	*	0	S	3	r, r, c	55	85	8	8	2	-	7-8	10	2500	*	+2	ENE	1	c	55	85	3	8	7	-	7-8	3	2500	1	1	cr, r, c	c, r, c	c, pr	c					
	Dalwhinnie	1010.1	-10	SW	4	c	53	85	6	5	2	-																												

REPORTS from HEALTH RESORTS for 6th Sept. 1938

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday 7th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F).		Rainfall (mm).		SUNSHINE (Hrs).	
		Forenoon.	Afternoon.	Min. 9h-5h.	Max. 5h-9h.	Night 9h-5h.	Day 5h-9h.	Sunrise to 17h.	Sunset to 5h.
1	Tunbridge W.	cop	opo	45	53	Trace	0.5	0.1	6.0
	Bournemouth	cipr	irbce	45	61	—	2	1.4	4.4
	Ventnor	col	crcu	53	60	—	6	0.3	4.3
	Southsea	ord	ondo	53	61	Trace	3	0.0	4.6
	Bognor Regis	bcoir	ir	52	61	—	6	0.6	4.7
	Littlehampton	coir	crc	52	60	—	4	0.2	4.6
	Worthing	cr	crc	52	60	—	4	0.1	6.1
	Brighton	cbade	crc	54	65	—	2	0.2	5.8
	Eastbourne	comrd	drrd	54	61	Trace	2	0.0	6.1
	Hastings	pac	ondr	52	62	Trace	2	0.2	6.7
	Folkestone	m,cir	oro	54	63	—	1	0.0	6.5
	Dover	cd,o	or	54	63	Trace	1	0.1	6.6
2	Deal	corr	ooddo	54	66	0.5	1	0.0	5.3
	Ramsgate	d	rac	54	61	Trace	1	0.0	8.3
	Margate	cr	cd	54	61	0.3	2	0.0	7.7
	Southend	o	orc	53	60	Trace	0.5	0.0	5.7
	Clacton-on-Sea	oirm	oidr	52	61	1	1	0.0	6.2
	Dovercourt	roc	cd	52	60	1	0.3	0.0	7.0
	Lowestoft	cgr	crc	51	64	Trace	0.1	0.0	3.4
3	Skegness	pc	coc	50	59	Trace	—	0.0	8.1
	Mablethorpe	orc	c	50	59	1	—	0.0	8.3
	Cleethorpe	bcc	c	51	62	0.5	—	0.1	4.0
	Leamington S.	ode	cpc	52	64	0.6	0.5	0.6	0.3
4	Cheltenham	oia	orebc	51	66	1	0.5	1.3	0.3
	Bath	rrebc	cbcb	52	66	2	3	3.5	1.7
5	Weymouth	cr	cbe	50	66	—	2	2.5	3.3
	Jersey	c	crc	56	71	—	6	0.4	3.5
	Torquay	depcbc	bcr	53	68	0.3	—	3.4	2.4
	Falmouth	cgrc	c	50	67	2	Trace	5.0	1.3
	Penzance	rebeb	bcc	55	66	3	—	3.7	3.1
	St. Ives	d	o	48	53	5	2	0.0	4.2
	Bude	rebc	cbcc	57	62	6	2	2.1	1.5
	Ilfracombe	corr	ocbec	55	63	3	—	2.3	0.2
	Aberystwyth	cru	cbcco	54	59	3	—	0.3	0.0
	Llandudno	cbccr	rcnc	53	61	4	1	1.2	0.0
7	Colwyn Bay	rebec	dpc	53	61	3	0.5	0.6	0.0
	Rhyl	rcbe	cpt,c	52	60	3	0.4	1.4	0.0
8	Wallasey	cp	pcbc	56	61	2	Trace	2.3	0.5
	Southport	cbcc	cpbec	52	63	1	0.1	2.2	0.2
	Blackpool	co	ocpc	52	61	2	Trace	1.2	0.5
	Morecambe	debbc	cdcbc	52	60	3	Trace	3.7	0.0
9	Ilkley	odo	bc	51	65	1	0.4	2.3	3.3
	Harrogate	odrc	cbe	51	62	1	1	3.3	4.0
10	Berwick-on-T.	c	crnc	51	58	1	3	0.0	4.6
	Dunbar	cpr	crr	51	61	2	16	1.2	0.3
12	Troon	cococ	cocpc	53	58	4	Trace	1.0	0.0
	Douglas	bc	bc	53	60	2	—	3.2	0.0

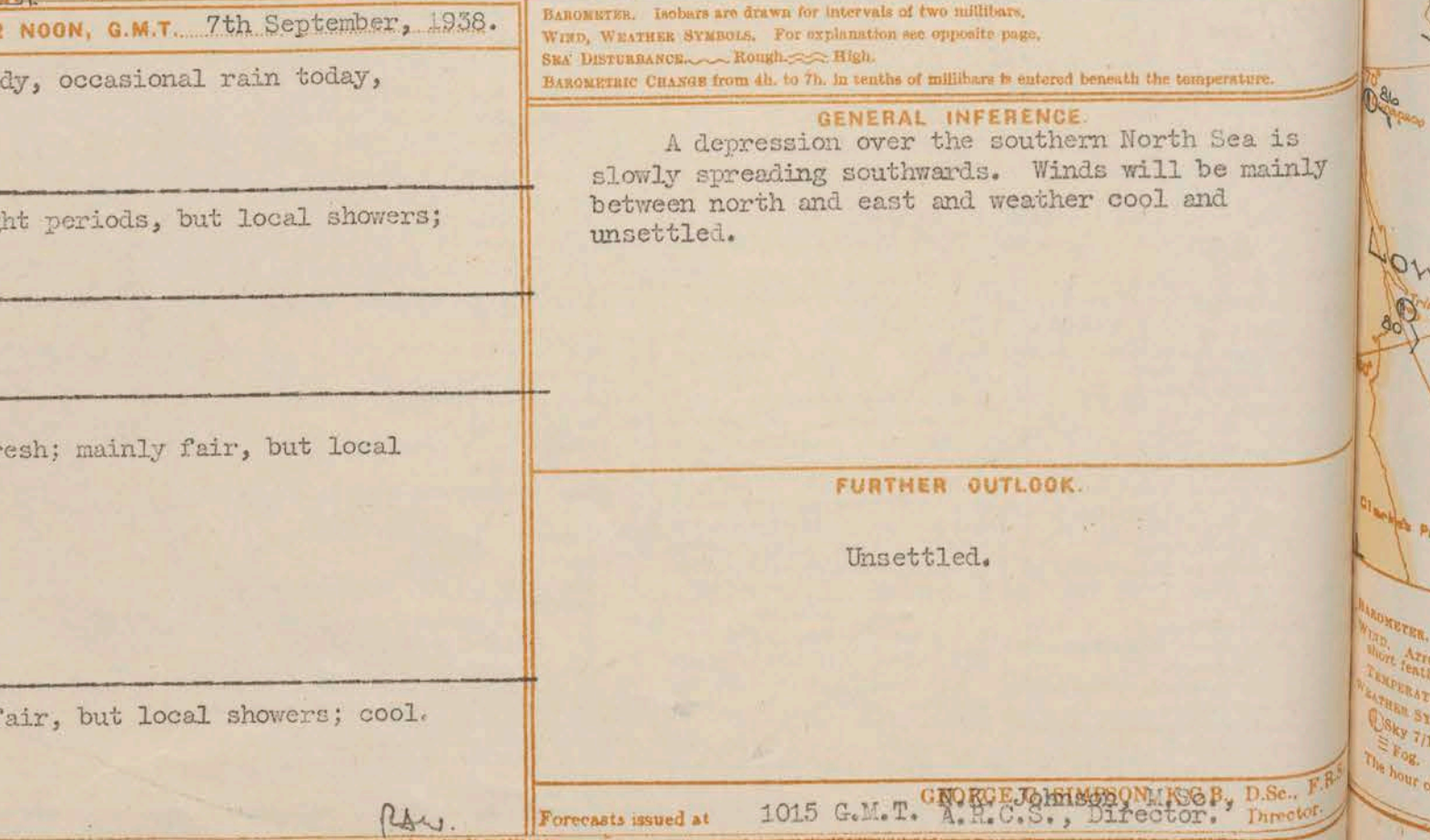
† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

Scale 1:10,000,000
Statute Miles.

7th September, 1938.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T.
1 S.E. England	Wind light and variable; cloudy, occasional rain today, brighter periods tomorrow; cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind northerly moderate; bright periods, but local showers; cool.
6 South Wales	
7 North Wales	
8 N.W. England	As 1 - 4.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Wind northeast moderate or fresh; mainly fair, but local showers; 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	Wind north moderate; mainly fair, but local showers; cool.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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



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

1938.

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.

59°
+10

59°
+6

59°
+2

59°
-2

59°
-4

59°
-6

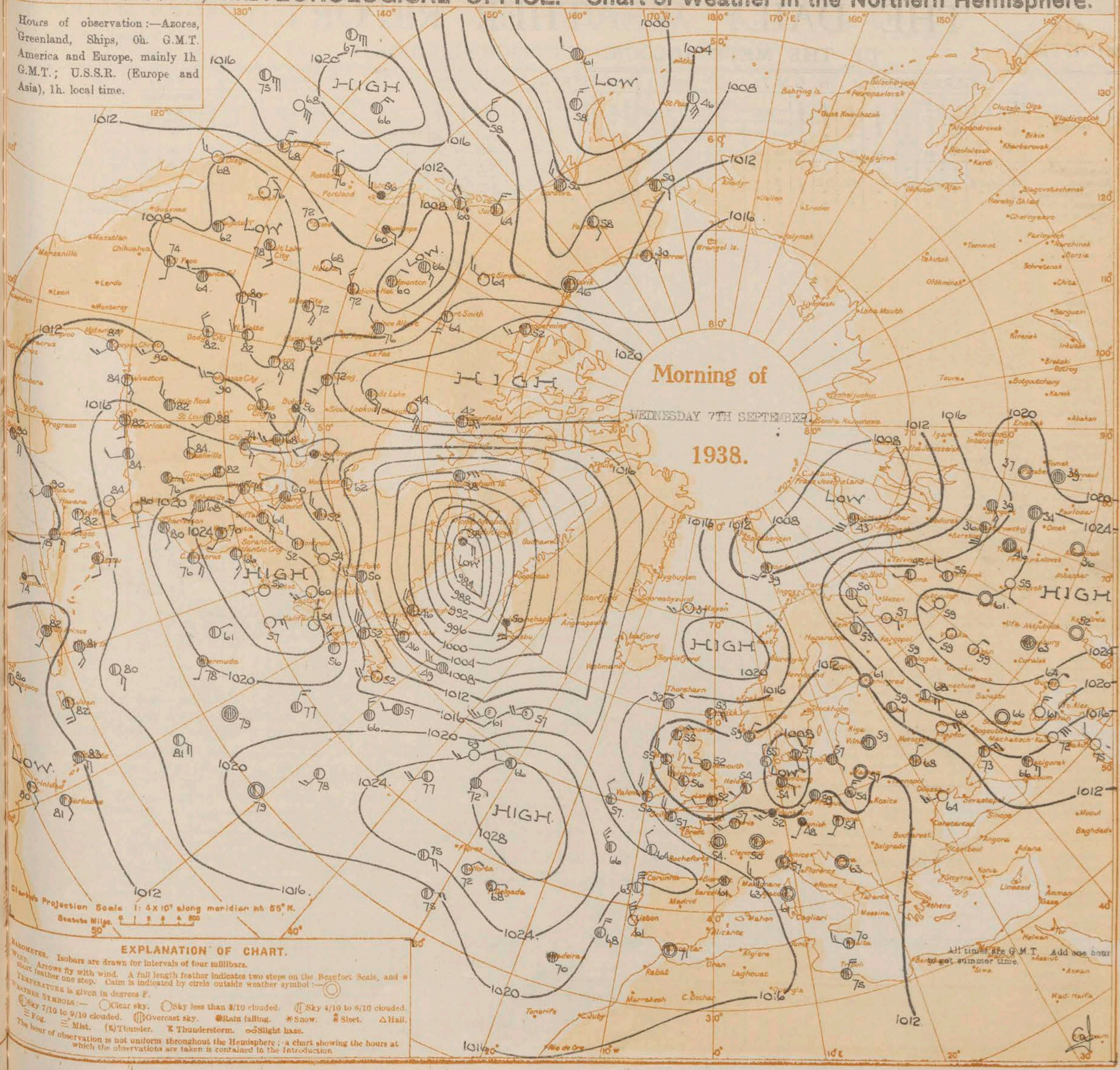
59°
-8

59°
-10

59°
-12

59°
-14

59°
-16



Morning of

WEDNESDAY 7TH SEPTEMBER

1938.

Chart Projection: Scales 1: 4 x 10⁷ along meridian at 55° N.
Scale: 1 inch = 1000 miles

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 for British summer time.

Sc. F.R.S.
Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 7th September 1938.
No. 28048

OBSERVATIONS at 1 hr. G.M.T. 7th Sept.														OBSERVATIONS at 7 hr. G.M.T. 7th Sept.														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE (hrs.)	
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	Dir.	Force.	Form.	Amount.			Height of Base (feet).	Max. Day 7h-12h °F.	Min. Night 12h-7h °F.	Min. on Grass °F.	Day 7h-12h mm.		Night 12h-7h mm.
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmnt.) ... Lymington ... Manston ...	18 217 226 417 8 346 142	* 1010.8 * * * 1011.0 1009.5	* -6 * * * -10 -12	* W'S * * * W W	2 2 * * * 2 2	c c * * * bc c	52 52 * * * 54 54	92 92 * * * 97 97	7 7 * * * 7 7	* 5 * * * 5 -	* - * * * - 3	* - * * * - 0	* 9 * * * 4.6 9	* 4000 * * * 5700 -	1009.7 1009.8 1010.0 1010.3 1011.1 1009.8 1008.7	-1 -1 +2 -2 0 -2 0	WSW W W WNW W'N NNW W	2 1 1 1 1 2 2	z c bc bc c z z	52 52 41 50 50 51 53	85 85 85 85 97 97 97	6 6 6 6 5 5 5	5 5 5 5 5 5 5	7 - - - 3 - 												

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 8th September, 1938.
No. 28049.

Dissect.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 7th September														OBSERVATIONS at 18h. G.M.T. 7th September														PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.						State of Ground. 0-9	Sea. 0-9	Weather.						
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			Low 0-10	Total 0-10	Base (feet)	7h.—13h. 7th	13h.—18h. 7th	18h. 7th to 1h. 8th	1h.—7h. 8th
									Low	Med.	High	Low 0-10	Total 0-10									Low 0-10	Total 0-10	Base (feet)												
(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) ...	1009.2	-2	N'E	2	c	61	65	8	8	2	-	4-6	9+	2500	1009.9	+6	NNE	3	2	62	65	6	8	-	-	9+	9+	2500	1	*	bczc	cm	bczc	cm	
	Croydon ...	1009.5	-4	WNW	2	c	60	63	8	8	7	3	4-6	7-8	4000	1010.1	+6	-	0	pr	61	75	6	9	6	-	9	9+	5700	0	*	cmzoc	cmzoc	cmzoc	cmzoc	
	S. Farnborough ...	1008.9	-2	NE'E	2	pr	64	55	8	8	3	-	7-8	9	4000	1010.0	+10	NW	1	c	60	65	7	6	3	-	4-6	9	1500	0	*	b,c	cprbc	cprbc	bczoc	
	Boscombe Down ...	1009.5	-2	NEN	1	cjp	59	75	8	2	7	-	7-8	9	2500	1010.3	+10	NNE	1	c	59	75	8	2	7	-	4-6	7-8	2500	1	*	bcpr	cprbc	cprbc	bczoc	
	Calshot (Sthmta.) ...	1010.2	-4	SW'S	2	c/pr	60	75	8	8	3	-	7-8	9	4000	1010.3	+2	-	0	pr	61	75	7	8	3	-	4-6	7-8	4000	0	1	bcprc	cprbc	cprbc	bczoc	
	Lympe ...	1009.6	-2	NNW	2	c	60	55	7	8	9	3	4-6	7-8	2500	1010.6	+8	-	0	z	56	85	6	8	3	2	4-6	7-8	4000	0	1	cmzoc	cycmo	bczoc	bczoc	
	Manston ...	1009.0	+2	N'W	2	z	59	75	6	5	2	-	7-8	9+	1500	1010.0	+10	E'S	1	z	57	85	6	5	3	6	2-3	7-8	2500	1	*	bccmo	cm	bccmo	bccmo	
2	Shoeburyness ...	1009.1	0	NNW	3	c	62	65	7	8	-	-	9+	9+	4000	1009.9	+6	E	4	c	60	85	7	8	-	2	9	9	2500	0	*	cmzoc	c,irc	bczoc	cmzoc	
	Felixstowe ...	1008.7	-2	N	2	c	62	75	8	8	3	-	7-8	7-8	2500	1010.1	+14	NE/N	2	c	61	85	7	8	1	4-6	7-8	2500	0	2	cmzoc	cprbc	bczoc	bczoc		
	Gorleston ...	1009.0	+8	E'S	3	o/r	58	85	6	6	-	-	10	10	2500	1010.8	+10	NE/N	4	bc	60	75	6	5	-	-	4-6	4-6	2500	1	2	o,ir	bc	bczoc	bczoc	
	Mildenhall ...	1009.1	+2	N	3	z	60	75	6	8	3	-	7-8	10	4000	1011.0	+12	NE/N	3	c	59	85	7	5	4	3	7-8	9	2500	0	*	cmzoc	cmzoc	bczoc	bczoc	
	Cranwell ...	1010.0	+6	E	2	z	59	85	6	5	3	-	7-8	9+	800	1012.3	+14	NE	2	bc	57	85	8	2	1	2	1	2-3	2500	0	*	cmzoc	cprbc	bczoc	bczoc	
3	Birmingham ...	1009.8	0	NE	2	c	58	65	7	8	5	-	4-6	9	2500	1012.7	+20	NE	2	c	58	85	5	8	-	-	9+	9+	2500	1	*	bczoc	c	bczoc	bczoc	
	Upper Heyford ...	1009.4	0	NNW	1	c	60	65	9	8	3	-	7-8	9	1500	1010.9	+10	NE/N	3	z	59	75	6	8	3	-	2-3	7-8	2500	0	*	bcprc	cm	bczoc	bczoc	
	Ross-on-Wye ...	1009.7	-4	NE	2	pr	55	85	9	9	6	-	7-8	9	2500	1011.6	+8	NNW	2	z	57	85	5	8	-	-	4-6	4-6	4000	1	*	prbc	cm	bczoc	bczoc	
5	Hartland Point ...	1009.8	-4	NW	3	c	58	85	8	8	4	-	2-3	7-8	800	1010.5	+6	NE	2	bc	58	85	8	7	4	1	2-3	4-6	1500	0	2	c	bczoc	bczoc	bczoc	
	Bristol ...	1009.5	-4	NW	1	c/pr	60	65	8	8	7	-	4-6	7-8	2500	1010.7	+6	NE	2	z	58	75	7	8	3	-	4-6	9	2500	0	*	prbc	bczoc	bczoc	bczoc	
	Portland Bill ...	1009.2	-6	W	3	c	63	85	8	5	4	-	4-6	10	2500	1010.1	+6	NW	3	c/pr	56	92	8	5	7	-	7-8	10	2500	1	3	c	bczoc	bczoc	bczoc	
	Plymouth ...	1009.9	-10	NW/W	3	c	60	75	8	8	7	-	4-6	9+	2500	1010.7	+10	NNE	1	c/pr	57	85	8	8	4	3	4-6	9	2500	1	0	cpr	bczoc	bczoc	bczoc	
	The Lizard ...	1010.0	-8	NW/W	4	c	60	75	8	8	-	-	9	9	2500	1010.8	+8	N	2	bc	56	85	8	8	6	-	2-3	4-6	2500	0	1	cpr	bczoc	bczoc	bczoc	
	Scilly (St. Mary's) ...	1011.2	-6	NNW	4	c/pr	59	85	8	8	6	-	4-6	9+	1500	1011.4	+4	N'E	4	c/pr	56	85	8	8	4	3	4-6	7-8	1500	1	3	cp	bczoc	bczoc	bczoc	
	Guernsey ...	1009.8	-10	NW/W	1	c	62	75	9	8	7	-	7-8	9	1500	1009.6	+4	N	1	c	58	85	9	8	7	-	7-8	9	1500	1	2	c	bczoc	bczoc	bczoc	
7	Pembroke ...	1010.4	-2	NNW	4	bc	61	75	8	8	7	1	4-6	4-6	2500	1012.0	+10	N'E	4	c	58	85	8	8	6	1	4-6	7-8	2500	1	2	bczoc	bczoc	bczoc	bczoc	
	Holyhead ...	1010.8	+14	NNE	4	c	58	85	8	2	8	1	4-6	7-8	2500	1014.1	+20	NE/E	5	bc	58	85	7	5	8	-	2-3	4-6	2500	1	3	prbc	c,be	bczoc	bczoc	
	Chester (Sealand) ...	1010.8	+10	NNW	2	z	57	85	6	8	-	-	10	10	2500	1014.1	+20	NW	2	c/r	56	92	5	6	3	1	4-6	7-8	1500	1	*	prbc	cmzoc	bczoc	bczoc	
	Manchester ...	1011.0	+10	NE/N	3	ir	56	85	4	5	7	-	4-6	10	1500	1013.3	+14	NE/N	2	z	60	75	6	5	3	1	4-6	7-8	4000	1	*	prbc	cmzoc	bczoc	bczoc	
10	Spurn Head ...	1010.7	+8	ENE	3	c	61	85	7	5	-	-	7-8	7-8	2500	1012.2	+6	NW	4	c/pr	58	92	7	5	-	-	9+	9+	800	1	3	prbc	cmzoc	bczoc	bczoc	
	Catterick ...	1012.6	+18	NEN	3	rr	55	97	4	6	7	-	7-8	10	800	1014.3	+10	N	3	c/r	56	97	6	6	2	-	9+	10	450	1	*	prbc	cmzoc	bczoc	bczoc	
	Tynemouth ...	1012.8	+12	NE	3	bc	58	85	8	2	4	1	2-3	4-6	2500	1015.2	+12	NE	5	52	92	6	-	2	-	10	10	1500	1	3	cmzoc	bczoc	bczoc	bczoc		
11	St. Abbs Head ...	1015.1	+16	NNE	3	c	56	92	8	3	2	-	4-6	7-8	1500	1017.7	+8	NNE	4	c	55	92	7	3	2	-	4-6	10	1500	0	3	c	bczoc	bczoc	bczoc	
	Leuchars ...	1016.9	+22	ENE	3	bc	62	75	8	2	3	-	1	4-6	1500	1019.1	+16	NE	3	bc	59	75	8	5	3	-	2-3	4-6	4000	1	*	prbc	bczoc	bczoc	bczoc	
	Renfrew (Abbots I.) ...	1015.6	+26	ENE	3	c/pr	61	75	8	2	7	-	2-3	7-8	4000	1019.2	+20	ENE	2	c	61	65	9	5	3	-	9+	9+	4000	0	*	prbc	bczoc	bczoc	bczoc	
	Bakdalemuir ...	1014.0	+22	ENE	5	bc	68	75	7	8	-	-	4-6	7-8	2500	1017.4	+18	NE/N	5	c	54	85	8	5	3	1	4-6	9+	2500	1	*	prbc	bczoc	bczoc	bczoc	
	Point of Ayre ...	1012.6	+16	E/N	4	bc	61	85	8	1	-	9	Tr	4-6	1500	1016.3	+16	NE	3	bc	61	65	8	-	8	-	0	2-3	-	0	3	c	bczoc	bczoc	bczoc	
13A	Tiree ...	1017.0	+30	NE/E	3	bc	61	75	8	7	3	-	2-3	4-6	4000	1021.1	+24	N	2	b	59	85	8	1	4	1	Tr	Tr	4000	0	2	bc	bczoc	bczoc	bczoc	
13B	Stornoway ...	1020.1	+20	NE	4	bc	59	85	7	1	4	1	1	4-6	4000	1023.6	+16	NE	5	b	56	85	8	1	-	-	1	1	4000	1	2	bczoc	bczoc	bczoc	bczoc	
15	Dalwhinnie ...	1018.2	+22	ENE	3	c	59	6																												

REPORTS from HEALTH RESORTS for 7th Sept. 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min. 9h. to 12h.	Max. 12h. to 3h.	Night 3h. to 9h.	Day 9h. to 17h.	Sunrise to 17h.	Sunset to 17h.
1	Tunbridge W.	o	coc	43	62	-	-	0.2	0.1
	Bournemouth	cbe	Rirc	49	63	-	9	2.1	1.4
	Ventnor	bocp	cocu	50	64	-	4	1.6	0.3
	Southsea	bbe	oir	49	66	-	1	4.0	0.5
	Bognor Regis	berbc	ber	48	63	-	2	4.8	0.9
	Littlehampton	bc	bepc	50	63	Trace	0.4	4.8	0.4
	Worthing	bbe	bepc	51	63	-	Trace	5.2	0.3
	Brighton	cbe	cbe	52	64	Trace	-	4.1	0.2
	Eastbourne	coc	coc	51	63	Trace	-	0.9	0.0
	Hastings	coc	bcco	50	64	1	-	0.4	0.2
	Folkestone	noc	coms	51	61	-	-	0.1	0.0
	Dover	o	ocbc	52	62	-	-	0.2	0.1
	Deal	co	obc	53	62	-	-	1.3	0.0
	Ramsgate	oc	bc	53	61	-	-	1.6	0.0
	Margate	c	cbe	53	61	-	-	2.4	0.1
2	Southend	c	coc	52	63	Trace	-	0.3	0.1
	Clacton-on-Sea	ocm	cpbc	53	64	-	Trace	1.6	0.0
	Dovercourt	doc	bepbc	53	65	0.3	Trace	2.2	0.0
	Lowestoft	cr	crbc	54	61	8	4	1.8	0.0
	Skegness	omrc	cbe	51	61	10	1	3.4	0.0
	Mablethorpe	orbc	bco	51	61	8	-	4.3	0.0
	Cleethorpe	cbe	bc	52	60	2	-	4.1	0.1
3	Leamington S.	c	c	49	63	-	-	2.0	0.6
4	Cheltenham	cbcep	corrc	48	63	2	3	1.2	1.6
5	Bath	rcbc	bepc	50	63	0.5	1	0.9	4.0
	Weymouth	cbe	crbc	52	62	-	9	2.8	2.8
	Jersey	cr	cpc	55	61	0.1	8	0.0	0.5
	Torquay	c	PRc	53	63	-	6	0.5	3.4
	Falmouth	everc	corbc	54	62	2	0.6	2.5	5.0
	Penzance	lrc	cpcb	55	62	0.5	Trace	0.9	4.0
	St. Ives	c	*	59	59	2	1	0.4	0.8
	Bude	pebc	pbcb	54	61	5	0.5	4.1	2.1
	Llfracombe	cbcc	cbce	56	62	-	-	3.6	2.9
6	Aberystwyth	cbe	coba	54	60	8	3	2.3	0.3
7	Llandudno	lrb	cir	54	60	4	0.6	1.6	1.2
	Colwyn Bay	rbcpb	bcpo	53	59	7	2	1.1	0.6
	Rhyl	rbec	covir	53	60	21	0.3	0.6	1.4
8	Wallasey	cir	oir	53	60	7	1	0.5	2.5
	Southport	cpaz	coirbc	51	60	6	4	0.8	2.3
	Blackpool	cbe	orbc	51	64	0.5	2	3.1	1.5
	Morecambe	bcc	bcb	52	63	0.5	-	4.3	5.0
9	Ilkley	coro	orob	46	60	-	2	1.1	3.6
	Harrogate	oroc	cbep	48	60	Trace	2	1.5	4.0
10	Berwick-on-T.	cbcb	bcorc	50	59	5	1	3.0	0.0
11	Dunbar	cmr	cmr	49	58	1	0.3	1.4	1.2
12	Troon	ocbc	cobc	51	64	0.3	-	6.0	1.0
	Douglas	bc	b	52	62	4	-	5.0	3.2

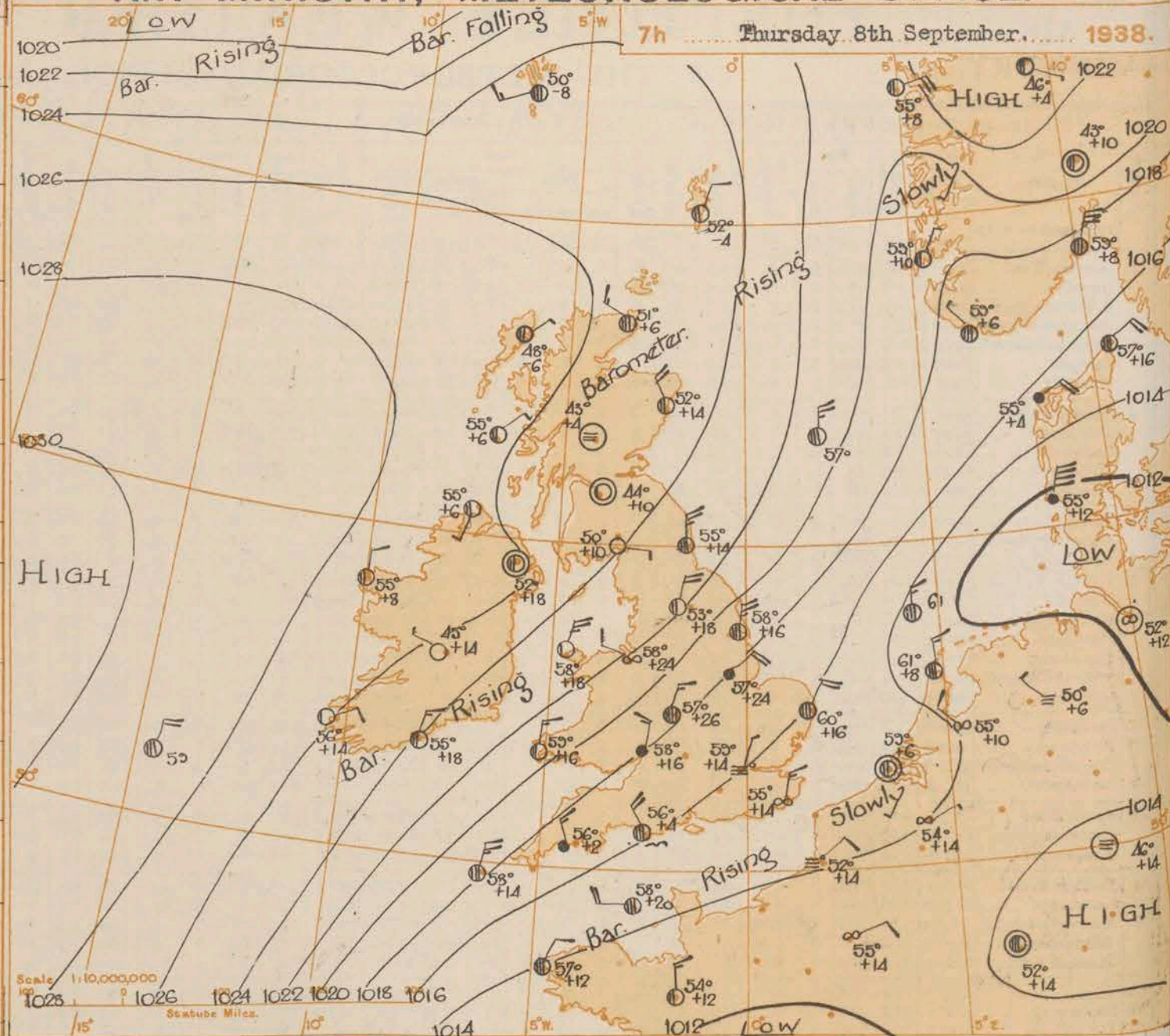
† Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h.

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th September, 1938.

1 S.E. England	Wind northeast moderate to fresh; coastal cloud and drizzle; cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	Wind northeast to north, moderate; fair; 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. Scotl. land.	Wind light northerly; fair or fine; 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	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

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

Morning of
THURSDAY, 8TH SEPTEMBER.
1938.

Chart Projection Scale 1: 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 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.

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 8th September, 1938.
No. 28049.

OBSERVATIONS at 1 hr. G.M.T. 8 th Sept.														OBSERVATIONS at 7 hr. G.M.T. 8 th Sept.														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. %.	Visib. in miles.	Cloud.					Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visib. in miles.	Cloud.					State of sky.	Sea.	TEMPERATURE.			RAINFALL.		Sunshine in hrs.			
					Dir.	Force.					Form.	Amount.		Height of Base (feet).	Dir.			Force.	Form.					Amount.		Height of Base (feet).													
												Low.	Med.											High.	Low.		Total.	Low.			Med.	High.	Low.	Total.					
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1016.5	+16	NNE	3	Z.	59	85	6	5	-	-	10	10	1500	1	*	63	52	49	-	2	3.1				
	Croydon	217	1014.7	+18	NNE	2	bc	54	32	6	5	-	-	2.3	2.3	2500	1016.1	+14	NNE	1	m	59	37	4	5	-	-	10	10	450	1	*	64	52	49	Tr	0.1	2.0	
	S. Farnborough	220	*	*	*	*	*	*	*	*	*	*	*	1016.5	+16	NW	1	nr.	53	37	5	6	2	-	-	9	10	800	1	*	65	47	41	Tr	1	2.5			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1016.7	+10	NNE	3	nr.	56	37	6	5	-	-	10	10	1500	1	*	63	49	48	1	0.1	4.1				
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1016.7	+16	NW	3	c	54	37	6	5	4	-	-	7.8	9	450	1	1	63	51	49	0.6	0.5	2.1			
	Lympe	346	1013.8	+10	NNE	3	Z.	55	32	6	-	3	-	0	7.8	-	1015.9	+14	N'E	3	Z.	55	37	6	5	8	2	1	4.6	1500	0	\$	61	49	44	-	-	0.7	
	Manston	142	1013.4	+10	NE	3	c	57	85	7	8	3	-	2.3	7.8	2500	1015.7	+20	N'E	2	c	58	32	6	5	-	-	9	9	1500	1	*	64	52	44	-	-	1.9	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1015.3	+18	NE	1	c/pr	56	37	6	5	-	-	10	10	2500	1	*	63	49	40	Tr	0.1	0.8				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1015.6	+12	N	3	c/pr	57	37	7	5	4	4	4.6	7.8	2500	1	1	64	49	44	Tr	0.6	1.7				
	Gorleston	5	1013.6	+6	NW	2	c	54	85	6	5	-	-	3	3	2500	1016.1	+16	NEN	4	c	60	35	6	6	-	-	7.8	7.8	1500	1	3	62	51	50	3	0.2	1.7	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1017.4	+22	N	3	bc	53	32	7	5	3	1	2.3	4.6	4000	1	*	63	47	43	Tr	3	2.0				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1019.3	+24	NE	4	id.	57	32	6	5	2	-	-	9	10	800	1	*	61	54	51	0.1	Tr	1.9			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1019.1	+22	NNE	3	o	57	37	5	6	-	-	10	10	800	1	*	61	53	48	Tr	1	1.0				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1017.7	+26	NNE	4	Z.	56	35	6	5	3	-	-	7.8	9	1500	1	*	63	49	47	Tr	1	0.9			
	Rosa-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1018.5	+16	NNE	3	id.	58	32	5	6	-	-	10	10	800	1	*	62	54	49	Tr	1	0.6	0.9			
5	Hartland Point	299	1015.2	+14	NNE	4	c	58	32	7	5	7	-	4.6	9	800	1018.3	+18	NE	4	c	58	32	7	5	7	-	4.6	7.8	1500	0	3	59	55	54	Tr	-	6.5	
	Bristol	269	*	*	*	*	*	*	*	*	*	*	*	1018.0	+18	NE	3	Z.	57	32	6	5	-	-	3	9	800	1	*	64	50	40	Tr	3	2.0				
	Portland Bill	32	1012.9	+12	WNW	4	o	57	85	7	5	-	-	10	10	1500	1015.3	+4	NNW	4	o	56	85	7	5	4	-	4.6	9	1500	1	4	63	56	*	3	*		
	Plymouth	82	1012.9	+12	WNW	4	o	57	85	7	5	-	-	10	10	1500	1017.3	+20	NW	3	nr.	56	85	6	5	1	-	9	9	1500	1	1	64	53	51	Tr	-	2.2	
	The Lizard	240	1015.1	+20	N'E	3	bc	53	85	8	7	-	-	8	1	4.6	4000	1017.1	+14	N	4	c	57	32	8	8	6	-	4.6	7.8	2500	0	1	64	52	*	0.1	-	3.9
	Scilly (St. Mary's)	163	1015.8	+18	NNE	5	b	57	32	7	-	-	-	0	0	-	1018.7	+14	N'E	5	c	58	32	7	8	7	-	7.8	9	1500	1	3	62	55	*	2	-	4.6	
	Guernsey	175	1012.0	+12	NNE	1	c	58	32	7	8	3	-	4.6	9	2500	1014.2	+20	N	4	c/pr	58	32	6	8	7	-	4.6	9	2500	1	2	63	57	52	0.2	0.2	0.7	
6	Pembroke	142	1017.6	+10	N'E	3	c	57	32	6	5	7	-	4.6	7.8	2500	1020.0	+16	N	3	bc	59	32	6	5	4	-	2.3	2.3	2500	1	1	62	54	*	-	-	6.3	
7	Holyhead	26	1018.9	+14	NNE	6	c	59	85	8	9	-	-	10	10	2500	1022.4	+18	NNE	5	b	58	85	7	1	8	-	Tr	1	1500	1	3	60	57	53	1	-	2.3	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1022.0	+14	WNW	2	Z.	58	85	6	5	-	-	10	10	1500	1	*	61	54	50	2	0.1	0.1				
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1021.8	+22	NW	3	Z.	57	75	6	5	3	-	-	4.6	9	4000	1	*	61	57	53	3	0.5	0.5			
10	Spurn Head	29	1013.0	+14	NNE	4	c/pr	58	37	7	5	-	-	10	10	1500	1018.9	+16	N'E	5	c	58	32	6	5	-	-	3	9	2500	0	3	63	57	50	Tr	0.1	5.4	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1022.8	+18	NNE	4	bc	53	35	7	5	4	-	-	2.3	2.3	800	1	*	61	52	50	3	5	1.8			
	Tynemouth	108	1020.0	+10	N	5	o	56	32	7	-	2	-	10	10	1500	1022.4	+14	N	5	c	55	35	7	8	-	-	7.8	7.8	1500	1	3	59	52	52.5	1	0.1	2.8	
11	St. Abbs Head	280	1023.2	0	N	6	bc	54	85	8	-	7	-	0	2.3	-	1024.3	+16	N	5	c	53	32	8	3	6	-	4.6	7.8	2500	0	3	57	52	*	1	0.1	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1024.9	+8	WSW	1	b	48	35	9	-	-	-	1	0	Tr	-	1	62	43	33	Tr	-	2.0				
12	RAF (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1025.5	+10	-	0	b	44	37	8	-	-	-	1	0	Tr	-	0	65	43	35	Tr	-	4.3				
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1024.6	+10	ESE	1	b	50	75	8	-	-	-	0	0	-	1	*	63	45	37	Tr	Tr	3.2				
	Point of Ayre	30	1020.5	+10	NNE	4	bc	58	32	7	5	4	-	1	4.6	800	1024.4	+20	NEN	2	bc	57	35	8	-	4	-	0	2.3	-	0	62	55	*	-	-	8.9		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1026.0	+6	NE	1	bc	55	85	8	-	8	-	0	4.6	-	0	1	62	51	41	-	-	11.1				
13B	Stornoway	80	1026.3	+6	NNW	1	bc	49	37	8	5	-	-	4.6	4.6	1500	1026.5	-6	NNW	1	bc	48	37	8	5	5	4	4.6	4.6	2500	1	1	60	46	*	-	-	11.5	
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	1025.1	+14	NNW	4	bc	52	85	8	5	-	-	10	10	1500	0	*	62	38	30	0.1	-	2.7				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1025.1	+14	NNW	4	bc	52	85	8	5	-	-	2.3	2.3	1500	1	2	60	50	47	-	-	3.9				
	Wick	81	1025.1	+4	WNW	2	c	51	37	8	5	7	-	7.8	3	1500	1025.5	+6	NW	3	c	51	32	8	5	7	-	7.8	9	1500	1	1	58	47	*	-	-	*	
16	Lerwick	156	1024.8	+2	NNE	4	bc	50	37	8	5	-	-	2.3	2.3	1500	1024.7	-4	NNE	2	bc	52	37	8	5	3	-	2.3											

THE DAILY WEATHER REPORT

BRITISH SECTION

Friday 9th September, 1938.

No. 28050.

OF THE METEOROLOGICAL OFFICE, LONDON.

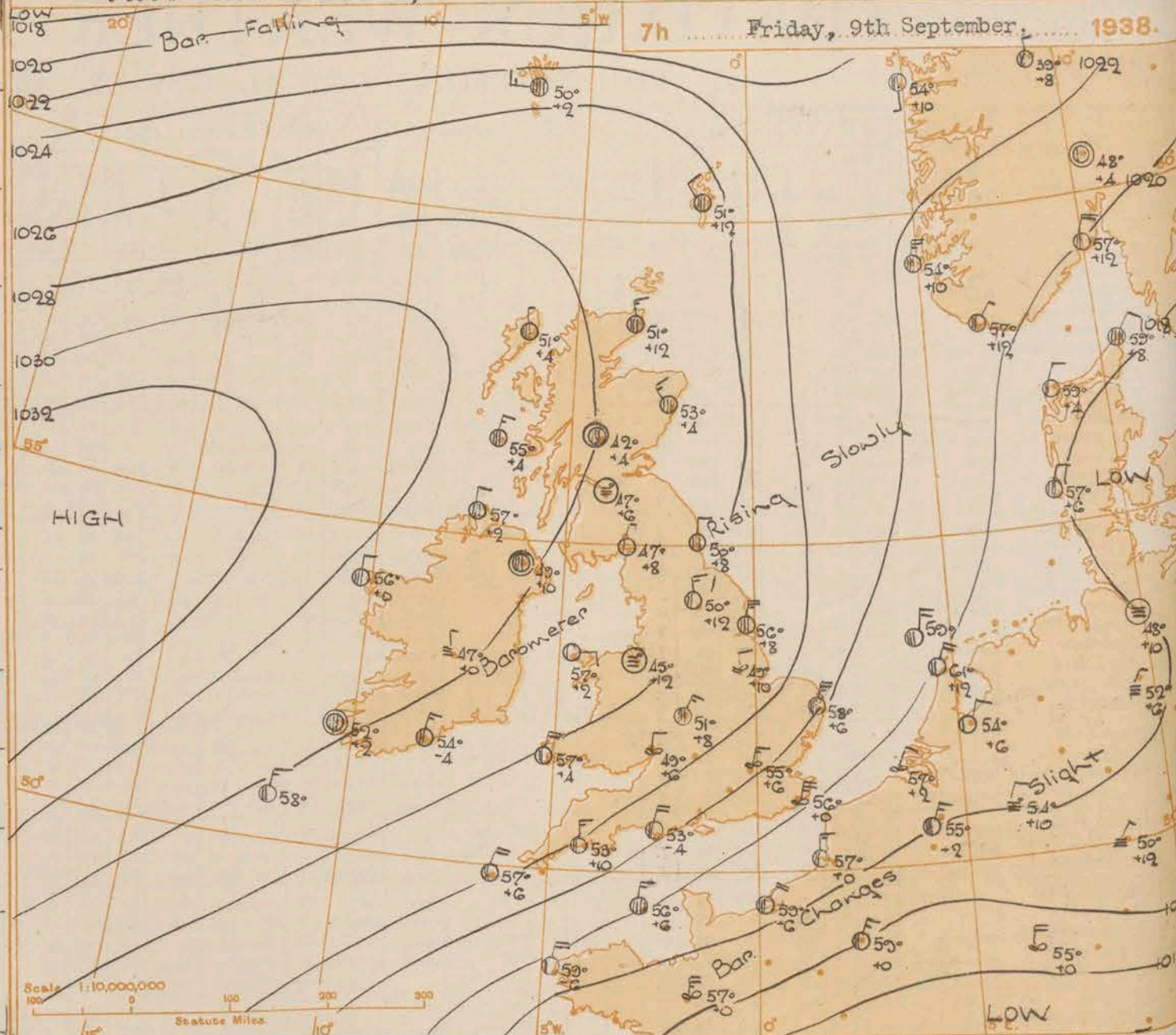
District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 8th September.														OBSERVATIONS at 18h. G.M.T. 8th September.														PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.					State of Ground. 0-9	Sea. 0-9	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.—15h. 2nd.	15h.—18h. 3rd.	18h.—24h. 1st.	24h.—7h. 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)	(31)	(32)	(33)	(34)			
(For heights see p. 4.)	(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)	1020.0	+1.2	N'E	5	z	G3	75	6	5	2	-	9	10	1500	1021.0	+1.0	N'E	3	bc	60	65	7	5	-	-	7-8	7-8	2500	1	*	cde	cbg	bcc	cbcm	
	Croydon	1018.7	+1.0	NNE	5	z	G1	85	5	6	-	-	10	10	800	1021.1	+1.0	N	4	c	59	75	7	4	-	-	7-8	7-8	2500	1	*	cm	cmz	cmid	ccm	
	S. Farnborough	1019.5	+1.4	NNE	4	o/c	G1	85	6	5	-	-	10	10	1500	1021.1	+1.0	NNE	3	bc	60	65	7	1	-	-	2-3	2-3	4000	0	*	cm	cmz	b,cbc	bcd,mc	
	Boscombe Down	1020.1	+1.4	NNE	4	c	G0	85	6	5	-	-	10	10	800	1021.5	+1.2	NNE	3	b	61	75	8	5	-	-	1	1	2500	1	*	cm	cmz	bcc	bccm	
	Calshot (Stmnt.)	1018.5	+2	N'E	4	p	G6	75	7	5	-	-	7-8	7-8	4000	1020.3	+3	N'E	4	c	61	65	7	1	3	-	-	1	1	4000	0	2	c	cmz	b,cbc	cbcm
	Lympe	1017.7	+0.6	NNE	5	p	G4	75	6	8	-	-	9	9	2500	1019.0	+1.0	N'E	6	ca	58	85	6	5	2	-	-	9	10	1500	0	2	c	cmz	b,cbc	cbcm
	Manston	1017.9	+0.6	NNE	5	pc	G1	92	6	8	-	-	9	9	450	1019.6	+2	NNE	5	c	59	85	6	5	2	-	-	7-8	10	1500	1	*	cq	cmz	b,cbc	cbcm
2	Shoeburyness	1018.7	+0.6	N'E	5	c	G5	75	7	8	-	-	9	9	2500	1020.5	+1.8	N'W	4	c	59	75	7	5	-	-	9	9	2500	0	*	inbc	c	c	cc	
	Felixstowe	1018.6	-0.8	N'E	4	c	G4	75	7	5	-	-	9	9	1500	1020.1	+1.0	NNW	4	c	59	85	7	5	-	-	10	10	2500	0	3	bc	c	c	c	
	Gorleston	1019.1	+1.4	NNE	6	c	G1	85	6	5	-	-	10	10	2500	1021.0	+2	N'E	4	c	60	85	6	5	-	-	10	10	2500	1	3	bc	c	c	c	
	Mildenhall	1020.2	+1.4	N'W	4	c	G1	85	7	5	-	-	10	10	1500	1021.0	+0.6	N	4	c	58	75	7	5	-	-	9	9	1500	0	*	cm	c	c	c	
	Cranwell	1022.2	+1.0	N	4	c	G2	65	8	7	-	-	7-8	7-8	2500	1022.8	+4	NNE	3	b	58	75	8	4	-	-	1	1	2500	0	*	cm	c	c	c	
3	Birmingham	1021.9	+8	NE	3	b	G4	65	7	1	-	-	1	1	2500	1023.2	+0.6	NNE	3	b	61	65	6	7	-	-	1	1	2500	1	*	cm	b	b	b	
	Upper Heyford	1021.0	+1.0	NEN	3	c	G3	75	7	5	-	-	9	9	1500	1022.0	+1.0	NNE	4	bc	60	65	7	1	-	-	2-3	2-3	4000	0	*	cm	bc	b	b	
	Ross-on-Wye	1021.3	+0.6	NEN	4	z	G4	65	6	5	-	-	9	9	2500	1022.4	+1.0	NE	3	z	62	55	6	-	-	-	0	0	-	0	0	0	0	0	0	
4	Hartland Point	1020.8	+1.0	NE	4	c	G2	85	7	1	-	-	1	1	2500	1022.3	+8	N	3	bc	62	85	8	3	1	-	-	1	1	1500	0	2	c	bc	b	b
	Bristol	1021.4	+1.0	NNE	3	c	G0	85	6	5	-	-	10	10	1500	1022.1	+0.6	N'E	2	z	62	65	6	3	-	-	0	0	-	0	0	0	0	0	0	
	Portland Bill	1019.0	+0.6	NE	5	c	G5	92	7	5	2	-	7-8	10	1500	1020.3	+8	N'E	4	z	64	85	7	5	2	-	-	4-6	7-8	1500	1	3	cm	cmz	bc	b
	Plymouth	1019.8	+1.4	NNE	4	c	G3	65	7	7	-	-	7-8	7-8	2500	1021.4	+1.0	NE	3	z	64	75	6	5	7	-	-	4-6	7-8	2500	0	0	cm	bc	bc	b
	The Lizard	1019.7	+1.4	NNE	4	bc	G2	65	7	8	-	-	4-6	4-6	2500	1021.9	+1.0	NNE	3	c	63	75	6	5	6	-	-	7-8	9	1500	0	1	cm	bc	bc	b
	Scilly (St. Mary's)	1020.0	+1.0	NNE	5	b	G4	85	6	4	-	-	1	1	4000	1023.0	+1.2	NNE	5	c	59	85	7	-	-	-	0	0	-	0	0	0	0	0	0	
	Guernsey	1017.4	+1.0	NE	5	bc	G2	85	6	2	7	8	2-3	4-6	2500	1018.3	+1.0	NNE	3	z	62	62	6	5	2	-	-	7-8	10	2500	1	3	cm	bc	bc	bc
6	Pembroke	1023.3	+1.0	N	5	q	G5	75	6	5	1	2	2-3	4-6	2500	1023.0	0	N	5	q	60	75	7	5	7	-	-	2-3	2-3	4000	0	2	bc	bc	bc	bc
7	Holyhead	1024.8	+0.6	NNE	4	b	G0	85	9	4	1	0	Tr	Tr	-	1024.8	0	N'W	3	bc	60	75	8	-	5	9	0	4-6	-	1	2	bc	bc	bc	bc	
	Chester (Sealand)	1024.0	+0.6	NNW	3	b	G6	53	7	1	-	-	Tr	Tr	4000	1023.9	0	N'W	3	z	61	75	6	1	-	-	Tr	Tr	2500	0	*	cm	bc	bc	bc	
8	Manchester	1023.5	+0.6	NE	3	b	G6	45	7	1	-	-	1	1	4000	1023.7	+0.2	N'E	1	bc	64	65	7	1	4	-	-	2-3	2-3	4000	1	*	cm	bc	bc	bc
10	Spurn Head	1021.8	+1.0	N	6	c	G0	75	7	5	-	-	9	9	2500	1022.3	+2	N'W	5	c	58	85	7	5	-	-	9	9	800	0	4	c	c	c	c	
	Catterick	1024.2	+0.6	NNE	4	b	G3	55	7	1	-	-	Tr	Tr	1500	1024.2	+4	NNE	2	b	57	55	7	-	3	-	0	Tr	-	1	4	c	c	c	c	
	Tynemouth	1023.9	+8	N	5	bc	55	85	7	2	-	-	2-3	2-3	1500	1024.6	+4	N	4	bc	55	85	8	7	-	-	2-3	2-3	2500	1	2	c	c	c	c	
11	St. Abbs Head	1025.3	+0.6	NNW	3	b	57	75	8	1	3	-	Tr	Tr	4000	1025.3	+2	NNW	1	bc	57	75	8	4	6	4	2-3	4-6	4000	0	2	c	bc	c	c	
	Leuchars	1025.0	0	E	2	bc	67	65	8	1	-	-	Tr	Tr	2-3	4000	1025.2	+2	ESE	2	bc	57	75	8	-	7	4	0	4-6	-	1	2	c	bc	c	c
12	Renfrew (Abbots L.)	1024.9	-4	N'W	3	bc	68	65	9	1	5	6	Tr	Tr	2-3	4000	1024.6	+2	NNW	3	c	62	65	3	1	5	3	Tr	7-8	4000	0	*	bc	bc	bc	bc
	Eskdalemuir	1024.4	+2	NNE	4	b	G4	45	8	5	1	-	Tr	Tr	1	4000	1024.4	+2	NNE	1	bc	60	65	8	-	3	9	0	2-3	-	0	*	bc	bc	bc	bc
	Point of Ayre	1025.8	0	NNW	2	b	G5	85	8	-	-	5	0	Tr	-	1025.0	-4	N'W	4	bc	60	85	8	-	4	6	0	4-6	-	0	2	c	bc	bc	bc	
13	Tiree	1027.2	0	NNW	2	c	G1	85	8	1	7	2	Tr	Tr	7-8	4000	1027.3	+4	N	3	c	57	85	7	5	7	3	9	9	1500	0	2	c	bc	c	c
13	Stornoway	1023.9	-2	SSE	3	c	57	85	8	1	7	3	Tr	Tr	9	4000	1027.4	+4	NNW	3	c	57	85	7	5	1	-	2-3	10	2500	1	1	c	c	c	c
15	Dalwhinnie	1020.4	+2	NE	3	bc	G3	45	8	4	6	-	1	A-G	4000	1020.8	+8	N	2	c	58	65	8	5	2	-	2-3	10	4000	0	*	bc	bc	bc	bc	
	Aberdeen	1025.4	+2	NNW	3	b	G1	75	8	1	-	-	Tr	Tr	2500	1025.6	+0.6	N'W	2	bc	57	75	8	-	4	3	0	4-6	-	0	1	c	bc	bc</		

PORTS from HEALTH RESORTS for 8th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunset to 17h.
				9h. to 9h.	9h. to 17h.	17h. to 9h.	9h. to 17h.	17h. to 9h.	17h. to 9h.
1	Tunbridge W.	abc	co	49	65	Trace	-	1.4	0.2
	Bournemouth	cbcb	cbcb	49	68	0.5	-	2.9	2.1
	Ventnor	bozbc	bace	51	68	-	-	6.0	1.0
	Southsea	cba	baz	51	69	-	-	3.0	4.0
	Bognor Regis	bce	bcebc	51	68	-	Trace	3.4	4.8
	Littlehampton	c	c	51	68	-	-	2.5	4.8
	Worthing	c	bace	52	67	-	-	3.9	5.5
	Brighton	cbe	cbde	52	69	-	Trace	4.8	4.1
	Eastbourne	cbce	cdp	51	68	0.4	Trace	5.7	0.9
	Hastings	bcbce	cdp	52	68	0.5	Trace	4.9	0.4
	Folkestone	cdp	cdp	54	67	-	Trace	4.0	0.1
	Dover	bcbce	bcbce	55	68	-	0.3	4.5	0.2
	Deal	barb	cbco	56	67	-	2	3.0	1.3
	Ramsgate	cdp	rp	56	66	-	2	3.3	1.7
	Margate	cbce	cbce	57	68	1	2	2.0	2.4
2	Southend	bce	co	50	64	1	-	2.1	0.3
	Clacton-on-Sea	cbcb	cbce	50	65	1	-	2.9	1.0
	Dovercourt	bc	bceoc	55	69	0.5	-	2.3	2.3
	Lowestoft	bcbce	cip	50	60	0.1	1	0.4	1.8
	Skegness	c	cbcbce	53	61	1	-	2.8	3.8
	Mablethorpe	abc	bco	56	60	0.5	-	5.0	4.3
	Cleethorpes	bc	cbce	57	60	-	-	5.1	4.7
3	Leamington S.	oc	bc	53	67	2	-	5.8	2.0
4	Cheltenham	mc	cbce	51	68	3	-	4.0	1.2
5	Bath	cc	cbcb	52	67	2	0.3	3.4	0.9
	Weymouth	crb	c	52	66	0.5	-	3.2	2.8
	Torquay	cbcb	cbcb	55	67	Trace	-	3.7	0.0
	Falmouth	cbce	c	52	68	Trace	-	2.1	0.5
	Penzance	bcbce	bcbce	56	67	-	-	7.2	1.3
	St. Ives	b	b	52	58	2	-	10.2	0.0
	Bude	cbcb	cbce	59	67	-	-	3.9	5.1
	Ilfracombe	bceoc	cbcb	58	66	-	-	2.9	4.4
6	Aberystwyth	cbce	bc	54	68	Trace	-	9.3	2.3
7	Llandudno	cbcb	b	56	63	0.1	-	8.5	1.0
	Colwyn Bay	cbcb	b	55	62	-	-	8.5	1.1
	Rhyl	cbcb	b	56	64	0.1	-	8.9	0.0
8	Wallsley	bcb	b	55	65	0.3	-	8.4	0.5
	Southport	cbcb	bu	54	69	Trace	-	9.2	1.4
	Blackpool	b	b	55	68	Trace	-	9.3	3.3
	Morecambe	b	b	55	70	-	-	11.2	5.3
9	Ilkley	cb	b	52	65	3	-	9.9	1.1
	Harrogate	cb	b	50	61	2	-	8.3	1.5
10	Berwick-on-T.	b	b	53	58	-	-	10.2	3.0
11	Dunbar	cbcb	cbce	48	63	-	-	11.0	1.4
12	Tron	cbcb	cbce	47	64	-	-	9.8	0.0
	Douglas	b	b	54	67	-	-	10.0	4.4

† 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. 9th September, 1938.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th September, 1938.
1 S.E. England	Wind northeast, moderate or fresh; mainly fair, but slight coastal drizzle locally; cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	Wind north to northeast, moderate; fair or fine; average or somewhat above 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'd. B.N.W. Scotl'd.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Wind between west and north strong at times; cloudy; occasional rain; average temperature.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

As 3 - 15.

R4w

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

GENERAL INFERENCE.

A ridge of high pressure extends from the Azores over Scotland. Weather will be mainly fair but there may be slight rain locally in the west of Scotland and in coastal districts of Southeast England.

FURTHER OUTLOOK.

Little change.

Forecasts issued at 1000 G.M.T. N. Johnson, M.Sc., D. R.C. S. Director.

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

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

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Clarkson Projection Scale 1: 4x10⁷ along meridian at 55° N.
Statute Miles 0 100 200

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: — Clear sky. ○ Sky less than 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. (E) 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.

S.S.S.

Director.

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

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AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 9th September, 1938.

No. 28050.

OBSERVATIONS at 1 hr. G.M.T. 3 rd September.															OBSERVATIONS at 7 hr. G.M.T. 3 rd September.															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (30)	Humid. % (31)	Visibility. 0-9 (32)	Cloud.					State of Ground. 0-9 (39)	Sea. 0-9 (40)	TEMPERATURE.			RAINFALL.		Sun-shine 8 th to 9 th Hrs. (46)			
					Direc.	Force 0-12 (4)					Low	Med.	High	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc.					Force 0-12 (18)	Low	Med.	High	Low 0-10 (24)			Total 0-10 (25)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h ins. (34)	Night 18h-7h ins. (35)	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1021.3	+6	NNW	4	2	55	85	6	5	-	-	7-8	7-8	4000	1	*	63	53	49	Tr	-	3-3				
	Croydon	217	1022.2	0	N	2	C	55	85	7	5	-	10	10	2500	1022.3	+6	N'E	3	55	85	6	5	-	-	7-8	9+	1500	1	*	65	53	52	Tr	-	0-0			
	S. Farborough	228	*	*	*	*	*	*	*	*	*	*	*	1022.7	+6	N'W	2	53	85	6	5	-	-	9	9	4000	0	*	65	49	44	Tr	-	2-5					
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1023.8	+8	N'E	3	0	51	92	7	5	-	-	10	10	1500	0	*	64	45	43	0-2	-	2-5				
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1022.3	+2	N'W	5	53	85	6	5	3	-	-	4-6	4-6	4000	0	2	67	51	49	-	-	3-2				
	Lympe	346	1021.2	+2	N'W	4	C	55	85	6	5	-	10	10	1500	1020.6	0	N'E	5	56	92	6	5	3	-	7-8	9	800	0	63	54	52	0.3	Tr	4-0				
	Manston	142	1020.3	-8	N'E	5	C	58	85	7	5	2	9	10	1500	1020.7	+4	NNE	4	58	92	6	6	2	-	9+	10	800	1	*	65	56	55	3	0-1	3-1			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1021.4	+4	N	4	C	57	85	8	5	-	-	9+	9+	5700	0	*	67	55	51	-	-	1-9				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1021.6	+8	NNW	4	C	57	85	7	5	-	-	7-8	7-8	4000	0	3	65	55	52	-	-	2-2				
	Gorleston	5	1021.2	0	NNE	5	C	58	85	6	5	-	10	10	2500	1021.6	+6	NNE	5	59	85	6	5	-	-	7-8	7-8	2500	0	3	62	58	57	Tr	-	0-0			
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1023.4	+12	NNW	3	C	55	85	7	5	2	-	9+	10	4000	0	*	61	52	49	0-2	0-1	1-5				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1025.1	+10	N'W	2	50	92	6	5	-	-	9+	9+	1500	0	*	64	48	46	Tr	-	7-9					
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1025.4	+8	NE	3	C	51	85	5	5	-	-	9+	9+	1500	1	*	65	49	37	0-1	-	6-4				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1024.5	+10	NNW	3	50	85	6	5	-	-	10	10	1500	0	*	65	47	42	Tr	-	-					
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1025.3	+6	N	2	50	85	6	5	-	-	10	10	2500	0	*	67	44	34	Tr	-	4-2					
5	Hartland Point	299	1023.6	0	NE	3	b	59	75	8	-	-	0	0	-	1023.7	+4	NE	3	57	85	7	1	6	-	1	4-6	1500	0	2	64	57	53	-	-	4-1			
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1024.9	+6	N'E	2	50	85	6	5	-	-	10	10	2500	1	3	66	42	29	0-3	-	3-0					
	Portland Bill	32	1022.5	+8	NE	3	bc	55	85	8	5	4	-	4-6	4-6	2500	1022.4	-4	NNE	4	53	85	7	4	-	4-6	4-6	2500	1	3	65	51	44	0-5	-	-			
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1024.0	+10	N	3	bc	53	75	7	2	4	-	1	2-3	1500	0	1	67	53	44	Tr	-	3-8				
	The Lizard	240	1023.6	+4	NNE	4	bc	56	75	7	7	-	2-3	2-3	4000	1023.7	+4	N	3	53	92	7	2	4	-	1	2-3	4000	0	1	67	52	-	-	6-1				
	Scilly (St. Mary's)	183	1024.4	-2	NE/N	4	b	57	85	7	-	-	2	0	-	1024.4	+6	NE/N	4	57	92	8	5	4	3	Tr	2-3	2500	0	3	64	55	-	-	9-0				
	Guernsey	175	1020.7	+2	NE/N	3	C	58	85	6	8	3	-	7-8	10	2500	1020.5	+6	NNE	3	56	85	7	5	-	-	10	10	2500	1	3	64	56	54	-	-	6-6		
6	Pembroke	142	1025.6	0	N'E	3	bc	56	92	8	5	4	-	2-3	2-3	4000	1025.6	+4	N'E	4	57	97	7	7	4	-	1	2-3	4000	0	2	66	53	-	-	8-4			
7	Holyhead	26	1025.9	+2	N	4	C	57	92	6	5	-	6	7-8	10	450	1026.0	+2	ENE	2	57	92	7	1	4	-	Tr	1	1500	0	2	62	56	52	-	-	10-1		
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1026.8	+2	-	0	C/f	45	92	4	-	9	-	0	7-8	-	1	*	67	41	38	-	Tr	9-7				
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1026.6	+2	NNE	4	52	85	6	5	-	-	1	4-6	4000	1	*	67	42	34	-	-	9-7					
10	Spurn Head	29	1023.7	+4	NNE	4	C	56	75	7	5	-	9+	9+	800	1024.6	+8	NNE	5	56	75	7	5	-	9+	9+	1500	0	3	61	55	-	-	6-0					
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1027.2	+12	NNW	3	bc	50	85	7	5	3	9	2-3	4-6	2500	1	*	64	46	40	Tr	-	11-3				
	Tynemouth	108	1026.0	-2	NW	2	bc	51	85	7	2	-	4-6	4-6	2500	1026.9	+8	N	2	50	92	6	2	-	-	7-8	7-8	1500	1	2	56	49	45	-	-	9-3			
11	St. Abbs Head	280	1026.5	-2	N	2	C	53	92	8	8	1	-	4-6	7-8	2500	1027.5	+10	N	2	53	85	8	8	6	-	2-3	7-8	2500	0	2	59	52	-	-	-			
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1027.6	+6	W	1	bc	46	97	7	-	3	2	0	4-6	-	1	*	68	44	36	-	-	11-3				
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1027.6	+6	-	0	m	47	97	4	-	5	9	0	4-6	-	0	*	65	42	37	-	-	9-5				
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1027.8	+8	N'E	1	b	47	85	8	8	-	1	Tr	1	4000	1	*	67	42	35	-	-	11-0				
	Point of Ayre	30	1026.0	+6	N'E	1	C	67	92	7	-	7	0	9	-	1027.0	+4	ENE	3	56	85	8	-	-	5	0	2-3	-	0	2	66	54	-	-	10-9				
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1028.5	+4	N'E	3	C/r	55	92	8	8	7	-	9+	10	1500	0	2	62	54	52	-	-	6-6				
13B	Stornoway	80	1027.7	+2	NNW	3	bc	53	97	7	8	7	-	4-6	10	2500	1029.2	+4	NNW	1	51	85	7	5	7	-	7-8	9+	2500	1	1	59	49	-	-	6-3			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1027.1	+4	NW	3	C	53	92	6	5	-	-	9+	9+	800	0	1	62	47	41	-	-	11-2				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1027.5	+12	NNW	3	C	51	85	8	5	7	8	4-6	9+	1500	1	1	59	49	-	-	-					
	Wick	81	1026.4	-2	NW	2	C	53	85	8	5	7	-	7-8	9+	1500	1026.1	+12	NW	2	51	92	8	5	1	-	7-8	9	800	1	*	61	51	55	-	0-1	10-0		
16	Lerwick	156	1024.8	-2	NW	3	C	53	97	7	5	7	-	4-6	3	800	1029.2	0	N	2	56	97	9	5	-	-	10	10	800	0	2	61	55	-	-	-			
	Malin Head	84	1028.8	+4	N	2	C	57	85	7	5	-	9	9	4000	1028.1	+2	N	2	57	92	7	8	-	-	7-8	7-8												

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 9th September														OBSERVATIONS at 18h. G.M.T. 9th September														PAST 24 HOURS.																	
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. at M.S.L.	%Humid.	Visibility	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. at M.S.L.	%Humid.	Visibility	Cloud.						State of Sky 0-9	Sea. 0-9	WEATHER.															
				Direc.	Force					Low	Med.	High	Low 9-10	Total 9-10	Height of Base (feet)			Direc.	Force					Low	Med.	High	Low 9-10	Total 9-10	Height of Base (feet)			Form.	Amount	Height of Base (feet)	Form.	Amount	Height of Base (feet)	7h.—13h. 9th	13h.—18h. 9th	18h. 9th to 24h. 10th	1h.—7h. 10th						
																																										Form.	Amount.	Height of Base (feet)	Form.	Amount.	Height of Base (feet)
(For heights see p. 4.)	(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)	1022.9	0	N'E	4	C	61	75	7	5	-	-	9+	9+	2500	1023.4	+4	N'E	4	C	59	75	7	5	-	-	9+	9+	1500	0	*	bc, bcc	c	c	c												
	Croydon	1022.6	-2	N'E	3	C	61	75	7	5	-	-	9	10	2500	1022.8	+6	N'E	4	C	59	75	7	5	3	-	9	9+	2500	0	*	cm, c	c/r, c	cm, cbc	bccm, c												
	S. Farnborough	1022.8	0	N'E	4	C	60	75	7	5	2	-	9	10	2500	1022.9	+4	N'E	4	C	59	75	7	5	1	-	4-6	7-8	4000	0	*	cm, bcc	cbc	cbcb	bc												
	Boscombe Down	1023.7	-2	NNE	5	C	57	75	8	5	-	-	10	10	1500	1023.2	-2	N'E	4	b	57	85	7	5	-	1	1	2500	0	*	cc	cbcb	bc	b, c													
	Calshot (Stmtn.)	1023.2	-2	NW	5	bc	61	75	7	5	-	-	2-3	2-3	2500	1023.9	0	N'E	4	b	61	75	7	5	-	1	1	2500	0	2	bc, cbc	cbc	bc	bc, bc													
	Lympne	1021.2	-2	NNE	5	c/r	59	92	7	5	-	-	9+	9+	800	1021.2	+2	NNE	5	pr	58	85	7	5	-	7-8	7-8	1500	0	4	id, prrr	ocbc	cpr, bc	cd, bcc													
	Manston	1021.3	-2	N'E	5	c/d	61	75	7	5	2	-	7-8	10	1500	1021.8	+6	N'E	6	C	59	75	7	5	-	9+	9+	1500	1	*	cd, d, c	cd, c	cbcc	cbc													
2	Shoeburyness	1022.1	-2	NNE	5	C	63	75	8	8	-	-	9+	9+	2500	1022.9	+6	N	5	C	58	75	8	5	-	10	10	1500	0	*	c	cbcc	cbw	c, bcc													
	Felixstowe	1022.3	-2	NNE	4	C	65	65	8	8	-	-	9	9	2500	1023.0	+4	NNE	4	C	59	75	7	5	-	9+	9+	2500	0	3	c	bcc	cbc	bcc													
	Gorleston	1023.5	+2	N'E	5	C	62	75	6	8	-	-	9+	9+	2500	1023.4	-2	NNE	5	C	59	75	6	5	-	7-8	7-8	2500	0	3	cbccg	cg	cg	cg													
	Mildenhall	1024.0	+2	N	4	C	61	75	8	5	-	-	10	10	2500	1024.4	-2	NNE	4	bc	57	75	8	5	-	4-6	4-6	2500	0	*	c	cbc	bc	cbc													
	Cranwell	1025.7	-2	N'E	4	C	59	75	8	5	-	-	4-6	9+	1500	1026.3	+6	NNE	3	C	56	75	8	5	-	9+	9+	2500	0	*	cm, c	cbcc	co	od, d, m													
3	Birmingham	1025.7	-6	N'E	3	C	59	65	6	5	-	-	9	9	4000	1025.6	0	N'E	2	bc	58	65	7	7	-	2-3	2-3	2500	1	*	cbcc	cb	bcc	bcc													
	Upper Heyford	1024.9	-2	N'E	4	C	58	75	7	5	-	-	10	10	2500	1024.7	+2	N'E	4	C	56	75	8	5	-	10	10	2500	0	*	cm, c	cbcc	cbcb	c													
	Ross-on-Wye	1025.1	-6	NNE	4	z	60	65	6	1	-	-	2-3	2-3	4000	1024.7	0	N'E	3	C	59	65	8	5	-	9+	9+	2500	0	*	cbzbcz	bcz, c	cbcb	bcc													
5	Hartland Point	1024.0	+6	N'E	3	bc	59	75	7	5	-	-	4-6	4-6	1500	1023.3	-2	N'E	4	bc	60	75	7	5	-	2-3	2-3	1500	0	2	bc	cbcb	bcc	bcc													
	Bristol	1025.0	-6	NEN	4	C	57	75	7	5	-	-	9	9	2500	1024.3	-6	N'E	4	z	58	75	7	-	3	-	2-3	2-3	-	1	*	cm	cbcb	bcc	bcc												
	Portland Bill	1022.0	-6	N'E	5	C	61	85	8	5	4	-	4-6	7-8	2500	1022.7	+4	N'E	5	C	60	92	8	5	4	-	4-6	7-8	2500	1	3	bcc	c	bcc	bcc												
	Plymouth	1025.1	-4	NNW	3	b	63	65	7	1	-	-	Tr	Tr	2500	1022.8	+2	N'E	4	bc	61	65	8	1	-	2-3	2-3	2500	0	2	b	bbybc	bcbq	b													
	The Lizard	1023.0	0	ENE	2	bc	64	65	8	7	-	-	2-3	2-3	7000	1022.3	0	N	1	bc	61	75	7	7	-	2-3	2-3	2500	0	1	bc	bc	bew	bcw													
	Soilly (St. Mary's)	1024.1	-2	NNE	5	bc	62	75	7	5	-	1	2-3	4-6	1500	1023.7	-2	N'E	5	bc	58	85	6	5	-	2-3	2-3	2500	0	3	bc	bc	bcb	b													
	Guernsey	1020.5	-2	NEN	5	o	59	85	6	5	-	-	10	10	2500	1020.0	0	NNE	5	C	60	85	6	5	1	-	7-8	10	4000	0	4	o	oc	c	c												
6	Pembroke	1025.2	-6	N'E	3	bc	65	75	8	5	4	-	1	2-3	4000	1025.2	0	NNE	4	bc	60	75	7	5	7	-	2-3	2-3	4000	0	2	bc	bc	bw	bcc												
7	Holyhead	1026.7	-2	N'E	3	bc	62	65	8	-	-	1	0	2-3	-	1026.5	-2	N'E	3	C	58	85	8	-	-	6	0	7-8	-	0	2	b	b, c	cwm, b	bm, w												
	Chester (Sealand)	1026.5	-6	NNE	2	z	62	65	6	7	-	-	4-6	4-6	2500	1026.1	0	N'E	2	z	59	75	6	5	-	Tr	Tr	4000	0	*	bcmbz	bcbz, y	bcbm, mw	bm, fmw													
8	Manchester	1026.5	-2	NNE	4	bc	62	55	7	1	-	-	2-3	2-3	4000	1026.3	+2	N'E	4	bc	59	65	7	1	4	-	2-3	2-3	4000	1	*	bc, m, bc	bc	bccm	cbcm, m												
10	Spurn Head	1026.0	+4	NNE	4	bc	61	75	7	5	-	1	4-6	4-6	1500	1026.0	0	NNE	4	C	57	75	7	5	-	9+	9+	800	0	2	c	c	c	cpr													
	Catterick	1027.6	+2	NNE	3	C	59	75	7	5	-	-	9	9	2500	1027.6	+2	NNE	2	c/r	55	92	6	6	-	10	10	1500	1	*	bcc	c	cm, cm	cwc													
	Tynemouth	1027.6	0	N	4	C	56	85	7	8	-	-	9	9	1500	1027.7	+2	N	4	C	55	85	8	8	-	7-8	7-8	1500	1	2	c	c	cm, bcw	bc													
11	St. Abbs Head	1028.8	0	N	3	c/d	53	85	9	3	6	8	2-3	7-8	1500	1028.6	0	NNE	1	C	53	85	8	5	6	4	2-3	7-8	2500	0	2	d, dc	c	b	bw												
	Leuchars	1028.4	+2	ESE	2	C	59	75	8	7	3	2	2-3	7-8	4000	1028.2	-2	ESE	3	C	56	75	8	-	7	3	0	7-8	-	0	*	ebc	bcbcc	cbw, bw	bfg, bw												
12	Renfrew (Abbots L.)	1027.4	-4	E	1	z	67	55	6	2	-	2	Tr	7-8	4000	1027.0	-4	ESE	2	z	62	75	6	-	2	0	7-8	-	0	*	fmz, c	bcbz, y	cz, bcm	bcbf, d													
	Esksdalemuir	1028.0	+2	N'E	2	C	59	75	8	8	-	-	10	10	2500	1027.8	-2	N'E	1	bc	55	85	7	8	3	2	2-3	4-6	2500	1	*	bwbcc	cbc	bcbw	bcbccw												
	Point of Ayre	1027.9	0	ENE	3	bc	61	85	8	-	-	1	0	2-3	-	1027.6	-2	N'E	2	C	60	92	8	-	4	2	0	7-8	-	0	2	bc	bcc	cc	bcbccw												
13A	Tires	1028.7	0	NNE	2	C	57	75	8	1	5	2	Tr	7-8	4000	1028.3	-4	N'W	3	b	56	85	8	-	4	8	0	Tr	-	0	2	c	cbcb	b	c												
13B	Stornoway	1029.1	-4	SSE	2	C	59	75	7	1	5	6	2-3	7-8	2500	1028.9	-10	S	3	2	C	55	85	8	5	-	6	4-6	7-8	4000	1	1	c	cbcc	cb	b, c											
15	Dalwhinnie	1028.5	+2	NNE	1	C	60	65	8	4	-	8	Tr	7-8	2500	1028.6	-8	NNE	1	b	58	65	8	-	-	1	0	1	450	0	*	c	bc	*	bf												
	Aberdeen	1028.4	0	N	2	C	57	65	8	5	-	6	Tr	7-8	2500	1028.2	-4	N'E	1	bc	56	75	8	-	2	0	2-3	-	0	1	c	cbc	bcbw	bw													
	Wick	1028.8	+6	NNW	3	C	58	65	8	5	7	8	7-8	9+	1500	1028.0	-4	NW	2	C	55	75	8	5	7	8	4-6	7-8	1500	1	1	c	c	c	bc												
16	Lerwick	1026.7	-2	WNW	3	C	56	75	7	5	7	8	7-8	10	1500	1026.8	-4	WNW	3	C	53	85	8	5	7	-	7-8	10	800	0	*	c	c	c	c												
17	Blackod Point	1029.6	0	N	3	C	61	85	8	5	-	-	9+	9+	1500	1029.0	-2	NNE	3	bc	59	92	9	4	-	2	2-3	4-6	2500	0	2	id	bc	bc	inc												
18	Malin Head	1028.9	+4	N'E	1	C/D	59	85	7	8	-	6	2-3	7-8	2500	1028.7	-2	N	2	C	56	75	8	4	-	9	9	4000	0	1	cbcc	cbcc	c	c													
	Aldergrove	1028.1	+6	NNW	3	C	62	75	8	5	-	8	7-8	9	1500	1028.0	+2	N'W	2	C	61	75	7	5	-	1	7-8	9	2500	1	*	cwc	cbcc	cbwm, fg	c												
19	Birr Castle	1028.0	-4	N	1	C	62	75	8	2	1	3	2-3	9	1500	1027.3	-6	N	1	bc	64	75	7	5	-	1	2-3	4-6	2500	0	*	ffc	cbc	bc	bcc												
20	Valentia Obay.†	1028.2	-6	ENE	3	bc	64	65	8	7	3	2	1	4-6	2500	1027.7	-2	N'E	3	C	62	75	8	7	-	6	1	7-8	2500	0	1	cwc, bc	bcc	cbcbw	bwbw												
	Roches Point	1027.3	-4	N'E	3	bc	63	75	9	1	-	5	2-3	4-6	4000	1026.6	-4	S	1	bc	60	85	8	1	-	2	2-3	4-6	2500	0	1	bc	bc	bcbw	bw												

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

! Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 9th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 8h. to 9h.	Max. 9h. to 17h.	Night 17h. to 9h.	Day 9h. to 17h.	Sunrise to 17h.	Sunset to 8h.
1	Tunbridge W.	o	obcc	52	64	-	-	1.2	1.4
	Bournemouth	b	b	47	64	-	-	7.3	2.9
	Ventnor	cb	bbco	51	63	-	-	8.6	6.0
	Southsea	bbc	bc	52	69	-	-	6.2	3.8
	Bognor Regis	bc	bccbc	52	64	-	-	7.1	3.4
	Littlehampton	bcc	c	52	66	-	-	5.1	2.5
	Worthing	bcc	cbcc	53	65	-	-	3.5	3.9
	Brighton	b	bc	53	66	-	-	8.8	4.8
	Eastbourne†	oco	ocbc	54	64	-	Trace	10.2	5.7
	Hastings†	ceo	dcbc	54	64	-	Trace	1.8	4.9
	Folkestone	odo	ocbc	56	64	Trace	1	1.4	4.0
	Dover	oroc	ocbc	57	65	Trace	1	1.8	4.5
2	Deal	co	cobo	57	64	Trace	-	2.0	3.6
	Ramsgate	oc	c	57	63	0.3	-	1.4	3.3
	Margate	cd	cbcc	58	62	Trace	Trace	0.9	2.6
	Southend	oc	coc	55	66	-	-	1.8	2.1
	Clacton-on-Sea	cb	cbcc	55	65	-	-	4.3	2.9
	Dovercourt	bcc	oc	56	64	-	-	3.0	2.3
	Lowestoft	cbcc	c	57	62	-	-	2.1	0.4
	Skegness	oc	cbcc	54	60	-	-	1.9	2.8
	Mablethorpe...	bcc	bc	55	60	-	-	4.5	5.6
	Cleethorpes	bc	bc	54	60	-	-	5.3	5.1
	Leamington S.	oc	co	49	61	-	-	0.5	6.4
	Cheltenham†	woc	co	44	61	-	-	0.2	4.8
3	Bath	cbc	cbcb	46	61	-	-	2.6	4.2
	Weymouth	bc	bc	49	65	-	-	6.3	3.5
	Jersey	co	cbco	57	63	-	-	0.3	7.6
	Torquay	ocbc	b	49	63	-	-	6.8	2.1
	Falmouth	b	b	50	66	-	-	10.5	4.3
	Penzance	b	b	55	64	-	-	10.5	7.2
	St. Ives	b	b	52	59	-	-	11.2	10.2
	Bude...	wb	b	62	65	-	-	10.3	3.9
	Ilfracombe	bc	b	54	63	-	-	10.6	4.1
	Aberystwyth	cbcb	bc	46	67	-	-	11.3	10.8
	Llandudno	b	b	49	62	-	-	9.0	9.5
	Colwyn Bay...	bcb	b	51	61	-	-	9.3	9.5
4	Rhyl	femb	b	47	63	Trace	-	9.1	10.0
	Wallasey	b	bbc	47	65	-	-	9.4	9.5
	Southport	wbzob	bbco	42	67	-	-	9.5	10.4
	Blackpool	b	bbc	43	67	-	-	10.5	10.3
	Morecambe	bbc	bbc	47	66	-	-	11.0	12.1
	Ilkley...	bc	bbc	44	63	-	-	6.2	11.3
	Harrogate	b	bbcc	46	60	-	-	7.9	9.0
	Berwick-on-T.	c	cdobc	48	58	-	Trace	5.6	10.8
	Dunbar	bcmo	bc	47	59	-	-	4.6	11.5
	Troon...	bcc	bcc	48	63	-	-	9.0	10.1
	Douglas	bc	bc	52	65	-	-	9.5	11.5

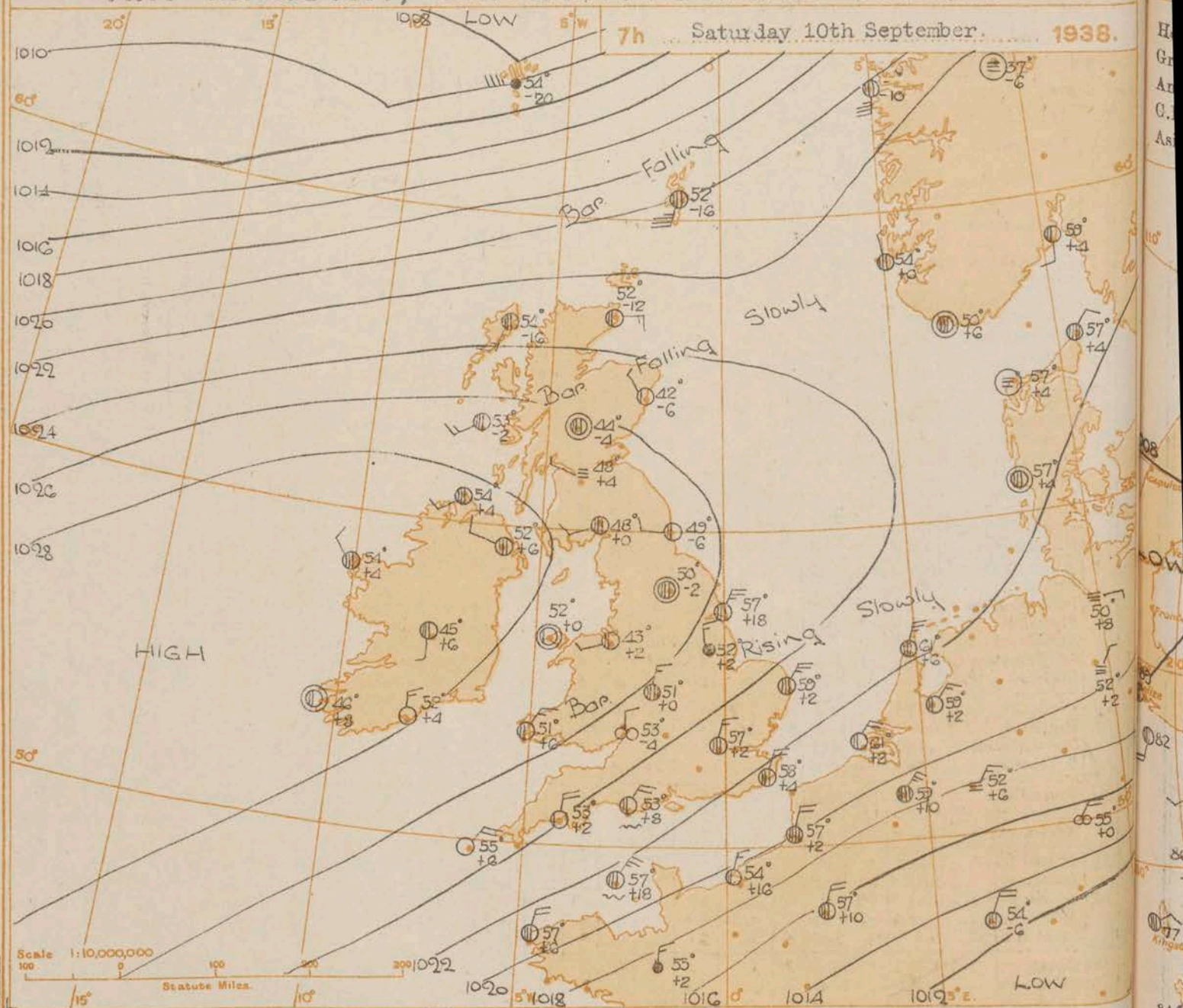
† Max. Temp. for period 24h. yesterday to 17h. to-day. Min. Temp. 24h.-9h.

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th September, 1938.

1 S.E. England	Wind north-northeast, moderate or fresh; cloudy; slight local drizzle; bright periods; cool.
2 E. England	
3 E. Midlands	Wind northerly, light or moderate; fair; rather warm.
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	Wind light variable; fair or fine; rather warm.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Wind west, moderate; fair; average temperature.
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind west to southwest, fresh or strong; occasional rain or drizzle; average temperature.
14 Mid Scotland	As 11 - 12.
15 N.E. Scotland	
16 Orkney and Shetland	As 13.
17 N.W. Ireland	As 7 - 10.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

N.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.

An anticyclone extending from the Azores to Scotland is moving slowly southwards. Weather will be fair in most districts, but some rain is probable later in the extreme northwest.

FURTHER OUTLOOK.

Little change.

Forecasts issued at 1000 G.M.T. GEORGE C. SIMPSON, M.Sc., A.C. Director.

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

1938.

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.

59° +4

57° +4

53° +2

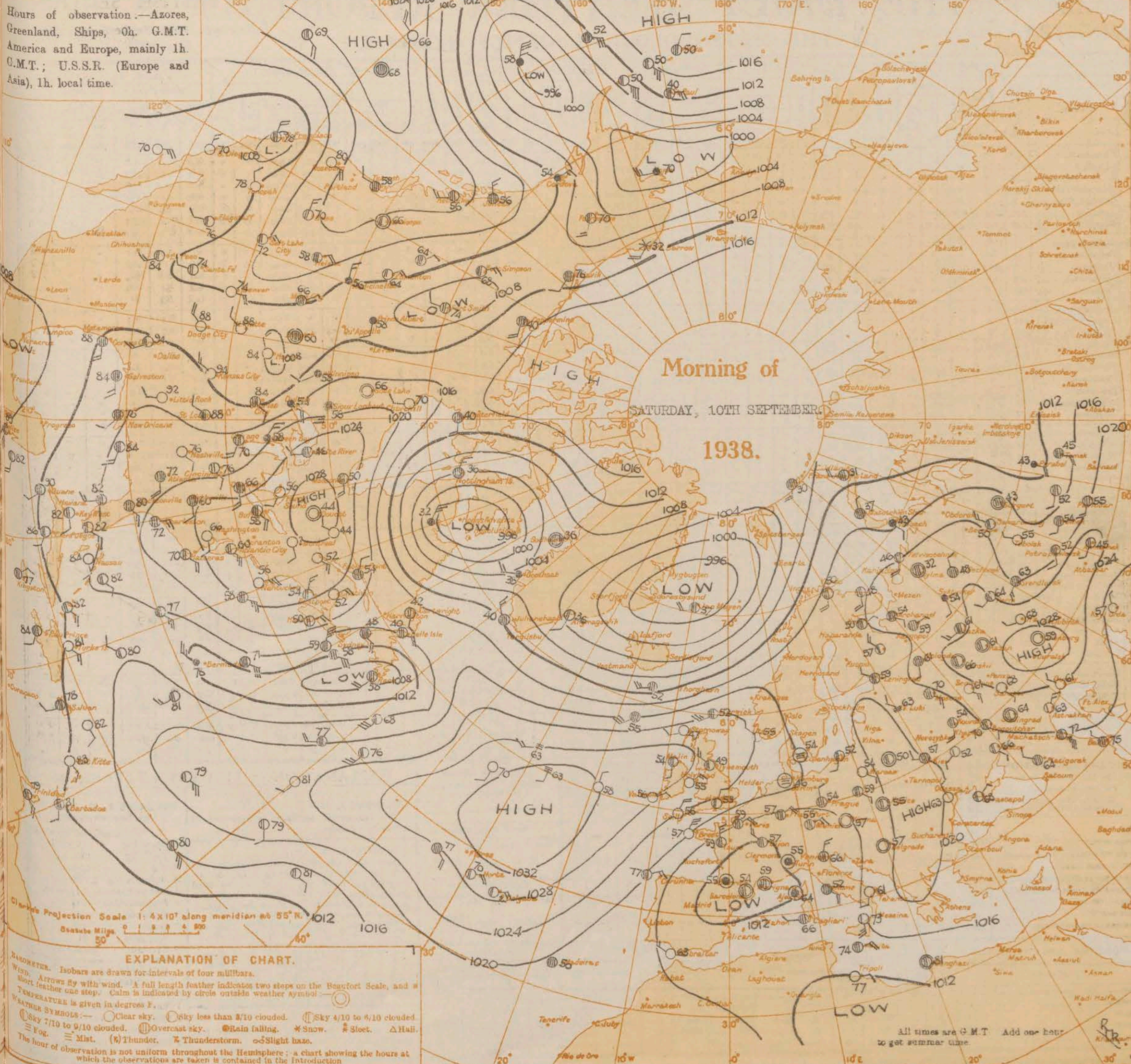
52° +2

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AIR
MINISTRY.

THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday, 10th September, 1938.
No. 28051.

OBSERVATIONS at 1 hr. G.M.T. 10th September.

OBSERVATIONS at 7 hr. G.M.T. 10th September.

PAST 24 HOURS.

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LONDON OBSERVATIONS

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

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THE DAILY WEATHER REPORT

Sunday, 11th September, 1938.
No. 28052.

OF THE METEOROLOGICAL OFFICE, LONDON.

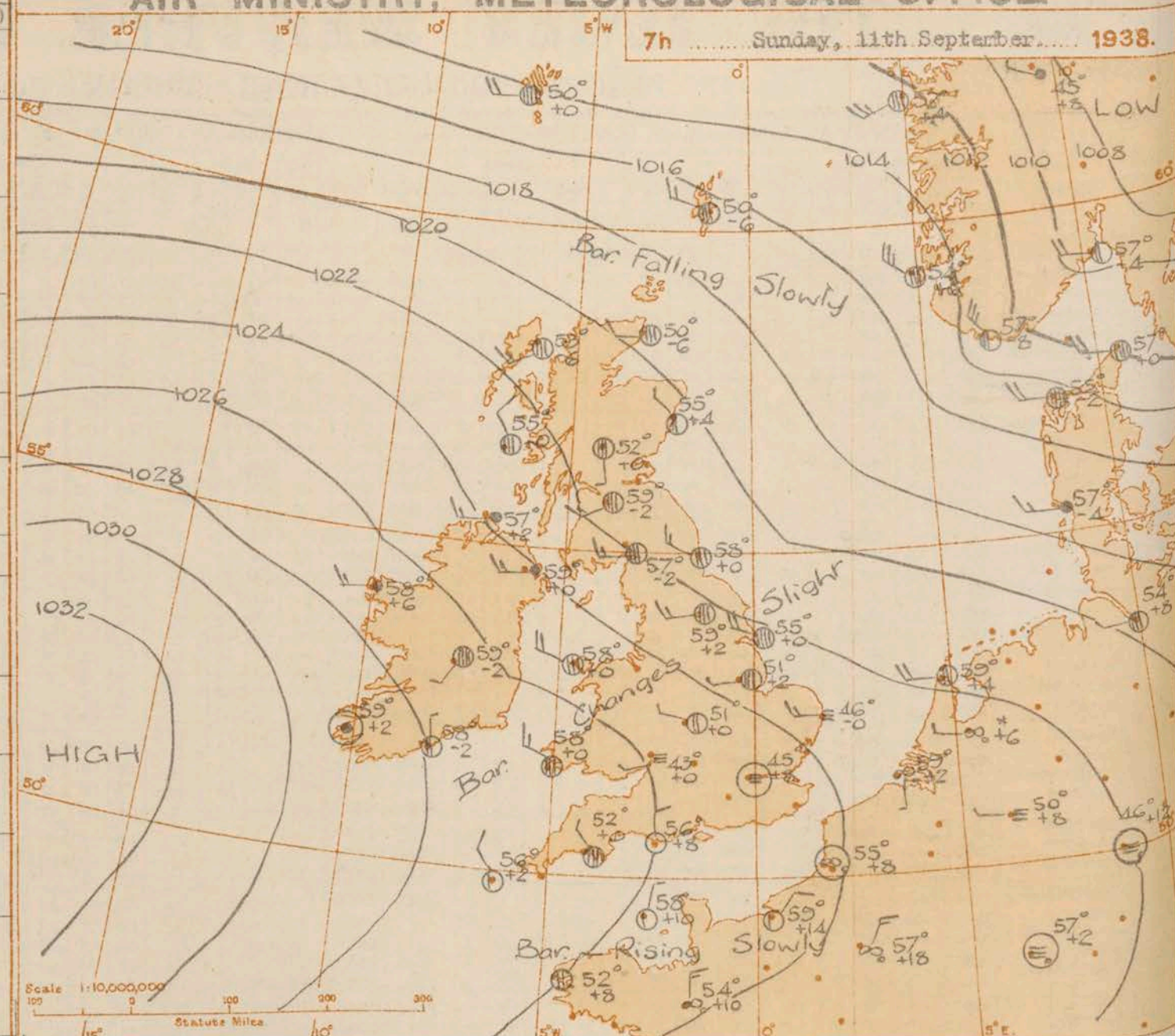
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 10th September.														OBSERVATIONS at 18h. G.M.T. 11th September.														PAST 24 HOURS.											
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.				State of Ground. 0-9	Sea. 0-9	WEATHER.													
				Direc.	Force					Low	Med.	High	Low			Total	Height of Base (feet)					Direc.	Force	Low	Med.			High	Low	Total	Height of Base (feet)	7h.—13h. 10h.—	13h.—18h. 10h.—	18h.—11h. 11h.—	11h.—7h. 11h.—						
(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)	1023.8	0	NNE	3	c	63	55	7	5	-	3+	3+	2500	1023.6	0	NNE	3	c	61	55	7	5	-	3+	3+	2500	0	*	cbsc	cy	cbsc	bwofc								
	Croydon	1023.6	+2	NNE	3	c	62	55	8	5	-	7-8	10	4000	1023.2	+2	NNE	4	c	61	55	7	5	-	3+	3+	4000	0	*	cm.c	c	czm.bm.	bffe								
	S. Farnborough	1023.7	-2	NNE	3	c	62	55	7	5	-	10	10	2500	1023.3	+2	NNE	2	b	60	55	7	5	-	1	1	5700	0	*	cbsc	cbsc	bccb	b.fcc								
	Boscombe Down	1024.1	-10	NNE	4	bc	62	55	8	5	-	4-6	4-6	2500	1024.3	+6	NNE	3	bc	57	75	8	5	-	4-6	4-6	2500	0	*	cbsc	bcybc	bc	of								
	Calshot (8thmtn.)	1023.2	-4	N	4	bc	67	55	7	2	-	4-6	4-6	4000	1022.5	0	NNE	4	b	62	65	7	4	-	Tr	Tr	5700	0	2	bcbcb	bcy	b.bcbw	bwmoffc								
	Lymington	1022.6	+6	NNE	3	c	61	75	8	5	3	-	7-8	7-8	2500	1022.5	+2	NNE	3	bc	57	75	8	5	-	2-3	2-3	4000	0	\$3	cbsc	cbc	b	bw							
	Manston	1022.5	+2	ENE	5	c	61	75	8	5	-	10	10	1500	1022.7	+4	NEE	4	c	57	85	8	8	3	3	4-6	7-8	2500	1	*	ch.c	cbc	bcbcb	cbcbm.							
2	Shoeburyness	1023.3	-2	N	4	c	63	55	8	8	-	3+	3+	2500	1023.1	+2	N	3	c	60	65	8	5	-	3	3	2500	0	*	cbsc	c	bcb	bm.w								
	Reixstowe	1023.3	-2	N	3	c	62	55	8	5	-	3+	3+	2500	1023.0	+6	NNE	3	bc	60	65	8	7	-	2-3	2-3	2500	0	2	cbcb	cbcb	bcb	bcbm.b								
	Gerleston	1023.7	0	NNE	4	bc	62	55	7	1	-	2-3	2-3	2500	1023.0	-2	NNE	4	bc	61	75	7	1	-	2-3	2-3	2500	0	2	cbcb	bc	bcbw	bcbm.b								
	Mildenhall	1024.6	-6	NNE	3	c	62	55	7	5	-	7-8	7-8	4000	1023.5	0	NNE	2	c	58	75	8	5	-	7-8	7-8	2500	0	*	cbc	bcc	c.bm	bm.fcd								
	Cranwell	1026.2	-4	NNE	2	pr	58	85	8	8	-	7-8	10	1500	1024.5	-6	NE	1	bc	58	85	8	7	-	2-3	2-3	4000	0	*	cm.dcc	cbcb	bcbm	bmfe								
3	Birmingham	1026.4	-2	NNE	6	c	55	75	6	5	-	10	10	2500	1025.0	-6	NNE	3	c	55	75	6	5	-	3	3	2500	1	*	cc	cb	cbc	bc								
	Upper Heyford	1025.4	-4	NNE	3	c	55	65	8	7	3	-	9	9	2500	1024.8	-2	N	3	z.	58	65	6	7	-	Tr	Tr	4000	0	*	cz	cbz	bzcm.	cm.							
4	Ross-on-Wye	1026.0	-4	NNE	2	c	57	75	7	5	-	10	10	2500	1024.6	-10	SSE	1	z.	55	75	7	5	-	Tr	Tr	2500	0	*	czc	cbcb	bzcmw	bwf								
5	Hartland Point	1025.6	0	NE	4	c	57	75	7	8	-	7-8	7-8	1500	1025.3	0	NNE	2	b	58	85	7	4	-	Tr	Tr	2500	0	1	c	cbcb	bcbcb	bcb								
	Bristol	1025.4	-10	NNE	4	bc	55	65	7	4	-	4-6	4-6	2500	1025.3	0	NNE	2	z.	56	75	6	4	-	Tr	Tr	4000	0	1	cbc	cbcb	bm.w	bwmfe								
	Portland Bill	1022.8	-2	NNE	3	b	66	85	8	-	-	0	0	-	1023.5	+6	NNE	3	b	60	85	8	-	0	0	-	1	3	cbcb	b	b	b									
	Plymouth	1024.4	-2	NE	3	bc	65	55	8	7	-	1	2-3	2-3	4000	1024.5	+4	N	3	bc	60	65	7	5	3	-	1	1	bbcy	bcbcb	b	bcbw									
	The Lizard	1024.7	-4	NE	2	bc	63	65	7	7	-	2-3	2-3	4000	1025.3	+2	NNE	4	bc	58	75	8	7	-	2-3	2-3	4000	0	1	bc	bcbcb	b	bcbw								
	Scilly (St. Mary's)	1026.1	-4	NNE	4	b	61	65	7	5	-	1	1	2500	1026.1	0	NNE	4	b	58	75	7	-	-	0	0	-	0	3	bcb	b	bw	bw								
	Guernsey	1021.5	0	NE	4	bc	63	75	7	5	3	-	2-3	4-6	2500	1022.4	+6	NNE	2	c	61	85	7	8	-	3	3	4000	0	4	cbc	bcc	cbbw	bcbw							
6	Pembroke	1026.5	-2	NNE	3	b	64	75	7	1	-	1	1	4000	1026.2	-4	NNE	3	b	58	85	6	-	4	-	0	Tr	-	0	1	bcb	bm.	b	bcbw							
7	Holyhead	1027.4	0	N	3	c	58	85	7	5	-	10	10	1500	1026.2	-4	-	0	bc	53	75	8	5	4	1	Tr	2-3	2500	0	1	bm.c	cb	bwc	ddm.c							
	Chester (Sealand)	1027.2	-2	NNW	3	bc	60	65	7	5	-	2-3	2-3	2500	1025.7	-2	NNW	3	z.	57	85	6	5	-	3	3	1500	0	*	bmbcm.	bcm.	cbcm.	bcbm								
8	Manchester	1026.4	-6	NE	1	z.	65	55	6	1	-	4-6	4-6	4000	1025.4	0	NNW	3	z.	56	85	6	-	3	-	0	1	-	0	*	bmbcz.	bcb.	bm.cm	cmofdo							
10	Spurn Head	1026.1	0	NNE	4	c	55	85	7	5	-	7-8	7-8	450	1024.8	-8	-	0	bc	56	85	8	-	-	8	0	2-3	-	0	1	cdir	cbcb	bcbw	bmdo							
	Catterick	1025.8	-12	-	0	b	66	55	7	1	-	Tr	Tr	2500	1025.3	-10	-	0	b	63	75	7	-	6	1	0	1	-	0	1	cbcb	bc	bcbw	bcpcc							
	Tynemouth	1025.6	-8	SSE	2	bc	57	85	6	7	-	2-3	2-3	2500	1022.3	-8	W	3	bc	55	75	6	5	-	4-6	4-6	1500	0	1	bc	bc	bcoir	orrc								
11	St. Abbs Head	1024.2	-20	SE	2	bc	58	85	6	2	4	-	1	2-3	2500	1021.3	-6	NNW	3	bc	63	45	8	5	6	3	2-3	4-6	2500	0	1	bz.	bcb	r.c	c						
12	Leuchars	1023.5	-12	WSW	4	z.	66	65	7	-	4	1	0	2-3	-	1021.4	-8	WSW	3	c	60	75	8	5	4	6	2-3	7-8	7200	0	*	bwm.z.	bz.bcy	cp.cw	cnlf						
	Reutrow (Abbott's)	1025.3	-14	SW	2	b	63	65	8	-	4	4	0	1	-	1023.3	-10	WSW	2	c	58	85	8	5	-	3	3	4000	0	*	ofm.b	bcb	c	c							
	Esdailemuir	1024.3	-4	SW	4	z.	63	65	6	1	-	1	Tr	Tr	4000	1023.8	-6	S	3	z.	57	85	6	7	4	2	4-6	7-8	1500	0	*	bz.	bcb.	bcb.	cp.c						
	Point of Ayre	1027.4	-4	NNW	2	c	55	85	7	5	7	-	7-8	3+	1500	1025.8	-10	W	2	bc	56	85	7	-	4	6	0	4-6	-	0	1	c	bc	bcc	cdodo						
13a	Trecastellan	1025.6	-8	SW	4	c	56	85	8	5	2	-	7-8	3+	2500	1022.6	-10	WSW	4	Dr	57	87	6	-	2	-	10	10	450	1	3	c	c	c	c						
13b	Stornoway	1026.0	-12	SW	7	pr	56	85	7	8	7	-	9	10	1500	1020.1	+2	NNW	4	r.r.	58	87	6	5	2	-	3	10	1500	1	2	cp	c	c	c						
15	Dalwhinnie	1023.3	-4	SW	3	bc	67	45	8	4	4	-	2-3	4-6	4000	*	-12	SW	3	c	58	75	7	5	-	10	10	2500	0	*	fbc	bcc	bcc	c							
	Aberdeen	1021.7	-18	SE	2	b	68	65	7	5	4	1	Tr	Tr	5700	1018.3	-12	NN	1	c	67	75	6	5	7	6	4-6														

REPORTS from HEALTH RESORTS for 10th September 1938.

AIR MINISTRY, METEOROLOGICAL OFFICE

7h Sunday, 11th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 8h-9h.	Max. 9h-17h.	Night. 17h-9h.	Day. 9h-17h.	Sunrise to 17h.	Sunset to 27h.
1	Tunbridge W.	coc	co	52	64	-	-	1.4	1.2
	Bournemouth	b	b	46	63	-	-	10.5	8.1
	Ventnor	bc bz	bz	51	68	-	-	10.0	8.6
	Southsea	b	bc b	51	70	-	-	7.2	6.2
	Bognor Regis	bc	bc	51	67	-	-	7.2	7.1
	Littlehampton	bc	bc	50	68	-	-	5.3	5.1
	Worthing	bc b	bbcc	52	67	-	-	5.3	3.5
	Brighton	bc	cbcc	53	67	-	-	6.8	3.0
	Eastbourne	bcc	cbcc	52	67	-	-	5.8	10.7
	Hastings	bbcc	bc	52	66	-	-	7.4	1.3
	Folkestone	c	codoc	56	66	-	Trace	2.8	1.5
	Dover	bc	becb	52	66	-	Trace	3.2	1.8
2	Deal	bcc	cc	58	65	Trace	-	1.7	2.0
	Ramsgate	c	c	58	63	0.3	-	2.2	1.4
	Margate	cbe	cbcc	58	62	-	-	1.5	0.9
	Southend	bccbc	bccc	51	65	-	-	2.5	1.6
	Clacton-on-Sea	bc	becb	52	64	-	-	5.1	4.3
	Dovercourt	bcc	bev	52	63	-	-	3.4	3.0
	Lowestoft	cbcb	b	56	63	-	-	5.3	2.1
	Skegness	cbe	beb	56	61	-	-	5.7	1.3
	Mablethorpe	odobe	bcb	55	60	0.5	Trace	5.1	4.6
	Cleethorpes	cbe	bc	54	59	0.5	Trace	3.7	5.3
	Leamington S.	cc	cbe	51	61	-	-	0.3	1.5
	Cheltenham	woc	cbcz	50	60	-	-	1.3	0.2
3	Bath	cbcb	bcc	49	64	-	-	5.4	5.3
	Weymouth	b	b	48	63	-	-	10.3	6.3
	Jersey	cbe	bcc	58	66	-	-	6.4	0.3
	Torquay	b	by	48	66	-	-	11.0	7.3
	Falmouth	b	b	47	66	-	-	10.6	11.6
	Penzance	b	b	51	64	-	-	10.8	11.6
	St. Ives	b	b	51	58	-	-	10.3	13.0
	Bude	bc	b	42	62	-	-	7.8	11.0
	Ilfracombe	cbcco	ocbeb	54	62	-	-	4.6	10.3
	Aberystwyth	bc b	b	45	61	-	-	10.3	11.8
	Llandudno	cbcb	cbcb	44	62	-	-	5.4	3.7
	Colwyn Bay	bccbc	bcb	45	60	-	-	3.8	3.8
	Rhyl	bcb	bccbc	42	61	-	-	5.6	3.5
4	Wallsley	bbe	bcc	46	61	-	-	5.2	3.6
	Southport	bzbc	c	42	63	-	-	4.8	3.5
	Blackpool	bbe	coc	43	60	-	-	5.1	10.5
	Morecambe	b	bbe	46	63	-	-	11.0	11.2
	Ilkley	bc b	b	48	68	-	-	7.3	6.4
	Harrogate	bc b	bcb	48	64	Trace	-	8.8	7.3
	Berwick-on-T.	cm, bc	b	41	68	-	-	8.4	6.3
	Dunbar	cococ	cbe	43	59	-	-	7.2	5.1
	Troon	bc	bc	43	59	-	-	4.0	3.8
	Douglas	bc	bz	48	61	-	-	5.1	3.3



Max. Temp. for period 24h. yesterday to 17h. to-day; Min. Temp. 21h. to 9h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th September, 1938.
1 S.E. England	Light northwest to west winds; fair or fine after local mist inland and on coasts early. More cloudy with slight local rain later; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light northwest to west winds; fair at first, slight local rain later; average temperature.
5 S.W. England	
6 South Wales	
7 North Wales	Light or moderate west or northwest winds; cloudy; occasional rain or drizzle; average temperature.
8 N.W. England	
9 N. Midlands	
10 N.E. England	Light or moderate west or northwest winds; cloudy with occasional rain at first, brighter intervals later; local morning mist or fog; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7 - 9.
13 { A.W.Scotld. B.N.W.Scotland.	Light or moderate westerly winds; mainly fair, with local showers at first, becoming cloudy with rain later; average temperature.
14 Mid Scotland	
15 N.E. Scotland	Light or moderate northwest to west winds; mainly fair; local showers; average temperature.
16 Orkney and Shetland	
17 N.W. Ireland	Light or moderate winds between west and northwest; cloudy; local rain or drizzle; 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.

Pressure is high to the Southwest of Ireland and low to the north of Scandinavia and over Southwest Greenland. There will be occasional rain or drizzle in Ireland, North Wales, Northwest England and N. Midlands, and later in Western Scotland and in Southern and Eastern England & South Wales. Weather will be mainly fair apart from local showers in Eastern Scotland and will be fair or fine at first in Southeast England. Temperature will be about the average in all districts.

FURTHER OUTLOOK.

Rather unsettled.

Forecasts issued at 1000 G.M.T. N. K. JOHNSON, M.Sc., A.R.C.S. Director.

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

1938.

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

SUNDAY, 11TH SEPTEMBER,

1938.

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Clark's Projection Scale 1:4X10⁷ 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 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.

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

c., A.R.C.S.
Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 11th September, 1938.
No. 28052.

OBSERVATIONS at 1 hr. G.M.T. 11th September.....														OBSERVATIONS at 7 hr. G.M.T. 11th September.....														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.					Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE.					
					Dir.	Force.					Low.	Med.	High.	Low.	Med.			High.	Low.					Med.	High.	Low.	Med.	High.		Total.	Height of Base (feet).	State of Ground.	0-9.	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	10th Hrs.
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)		
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.5	+8	SW	2	f	50	97	3	-	-	-	10	10	<150	1	*	64	44	33	-	Tr	3.0			
	Croydon	217	1024.2	+6	-	0	z	50	85	5	-	-	-	0	0	-	1025.6	+8	-	0	0	0	1	-	-	-	10	10	<150	1	*	65	43	38	-	-	1.9			
	S. Farnborough	228	*	*	*	*	z	50	85	5	*	*	*	*	*	-	1025.6	+6	WNW	2	0	0	3	5	-	-	-	10	10	220	0	*	64	39	32	-	0.1	3.5		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1025.9	+6	-	0	0	0	5	-	-	-	10	10	<150	0	*	64	44	39	-	-	5.5			
	Calshot (Station)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1025.5	+10	NWN	3	0	0	5	5	-	-	9+	9+	220	0	1	68	49	46	-	-	9.7			
	Lymington	348	1024.4	+2	NW	3	b	52	92	7	5	-	-	1	1	4000	1025.0	+10	NW	2	0	0	8	-	-	-	0	0	-	0	10	63	50	46	Tr	-	2.7			
	Manston	142	1024.2	0	N/E	2	c	56	92	7	5	3	-	4.6	9+	4000	1024.9	+10	NW	2	b	53	92	6	-	-	-	0	0	-	1	*	64	49	41	Tr	-	1.7		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.6	+6	NW	1	b	50	92	6	-	-	1	0	Tr	-	0	*	66	46	33	-	-	3.4			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.6	+12	WN	3	b	50	92	7	-	-	1	0	Tr	-	0	2	65	48	43	Tr	-	3.7			
	Gorleston	5	1024.1	0	NWN	2	b	54	85	7	-	-	1	0	Tr	-	1023.3	0	W	3	2	0	5	-	-	10	10	<150	0	2	64	45	45	-	-	6.0				
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.3	+6	SW	1	0	46	97	1	5	-	-	10	10	<150	1	*	65	40	38	-	0.1	2.8			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.6	+2	W	1	c/f	51	97	5	5	5	-	7.8	9+	4000	1	*	61	47	40	Tr	-	1.6			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.1	0	NWN	1	bc	51	92	7	-	4	1	0	4.6	-	1	61	48	39	-	-	3.1				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.4	+2	NW	2	z	50	97	5	5	-	-	10	10	220	0	*	61	49	39	-	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.8	0	W/S	1	F	43	97	1	-	-	-	10	10	<150	0	*	60	41	37	-	Tr	2.7			
5	Hartland Point	299	1026.7	+6	NNE	3	b	57	92	7	4	-	-	Tr	Tr	2500	1026.3	0	NW	3	bc	53	92	7	5	5	-	2.3	4.6	1500	0	2	61	56	52	-	-	4.7		
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.3	+6	-	0	0	42	97	1	-	-	-	10	10	<150	0	*	61	38	33	-	-	4.0			
	Portland Bill	32	1025.3	+2	NNE	3	b	54	92	8	-	-	-	0	0	-	1025.8	+8	N	2	b	56	85	8	-	-	0	0	-	0	2	67	53	*	-	-	*			
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	0	NWN	1	c	52	97	7	5	3	-	2.3	9+	1500	0	1	67	47	40	-	-	10.6			
	The Lizard	240	1027.1	+2	N	2	b	53	92	8	-	-	-	0	0	-	1027.0	+4	NNW	2	bc	53	97	6	7	-	2.3	2.3	4000	1	1	65	51	*	-	Tr	10.3			
	Silly (St. Mary's)	183	1027.9	+4	N	3	b	55	97	7	7	-	-	0	0	-	1027.5	+2	NNW	2	b	56	97	7	7	-	1	1	4000	0	2	62	54	*	-	0.2	8.8			
	Guernsey	175	1024.6	0	NNE	1	bc	57	85	7	-	7	1	0	2.3	-	1025.5	+10	NNE	1	b	58	85	7	1	3	-	Tr	1	2500	0	3	65	55	46	-	-	6.0		
6	Pembroke	142	1027.1	+2	NWN	3	b	55	92	7	-	-	1	0	1	-	1026.5	0	NWN	3	c	58	97	7	5	-	9	9	4000	0	1	65	52	*	-	-	11.2			
7	Holyhead	26	1025.5	-6	SSW	1	c	56	92	7	5	-	-	9+	9+	5700	1024.9	0	NWN	4	c/d	58	97	7	5	7	-	9	10	450	1	2	60	52	46	-	1	7.9		
8	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.7	+2	SSW	1	id.	50	97	4	5	-	-	10	10	2500	1	*	61	43	37	-	Tr	7.5			
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.5	0	SWW	2	c/f	55	97	3	5	-	-	10	10	450	1	*	65	54	51	-	Tr	11.3			
10	Spurn Head	29	1023.3	-8	W	2	b	52	92	6	-	-	-	0	0	-	1022.6	0	NWN	4	0	55	92	5	5	-	10	10	1500	0	2	60	51	*	1	Tr	4.8			
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.1	+2	W	3	c	59	85	8	5	4	8	9	10	1500	1	*	68	45	41	-	0.5	9.9			
	Tynemouth	108	1021.5	-10	W	4	rr	56	85	6	-	2	-	10	10	1500	1021.2	0	NWN	3	c	58	85	7	5	-	9	9	1500	1	1	62	55	51	-	2	9.6			
11	St Abbs Head	280	1019.9	-10	NWN	5	c	58	85	8	8	4	9	4.6	9	2500	1020.6	+2	NWN	3	c/p	58	85	8	8	2	-	4.6	9+	2500	0	2	65	57	*	-	Tr	*		
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	+8	-	0	c/f	56	97	8	5	3	-	4.6	9	2500	1	*	60	52	47	-	0.2	9.9			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.5	-2	WSW	3	c	59	85	8	5	3	-	4.6	9	1500	0	*	64	56	54	-	-	5.7			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.9	-2	W	3	c/pr	57	92	6	5	-	2	9	9+	450	1	*	64	51	47	-	0.1	8.1			
	Point of Ayre	30	1024.6	-6	W/N	3	id.	59	92	7	-	2	-	10	10	1500	1023.7	-2	NWN	4	d.d.	59	97	7	5	2	-	7.8	10	800	1	2	60	50	*	-	Tr	3.0		
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.8	0	NWN	2	c	55	92	8	8	3	9	4.6	9+	2500	1	2	57	53	50	0.6	1	1.1			
13b	Stornoway	80	1021.4	+4	W	2	bc	49	92	8	5	4	6	Tr	4.6	2500	1020.8	-6	WSW	3	c	53	85	8	5	7	-	4.6	9+	2500	1	2	58	49	*	3	Tr	0.2		
16	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	0	S	1	c	52	85	8	4	5	8	2.3	9+	4000	0	*	67	51	42	-	Tr	5.4			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	+4	NW	1	bc	55	85	8	5	3	2	2.3	4.6	2500	1	1	70	54	51	-	1	9.5			
	Wick	81	1013.2	+4	NW	4	c	52	97	8	5	7	-	4.6	7.8	1500	1013.2	-6	W	2	c	50	92	8	7	5	1	4.6	7.8	2500	1	1	66	42	*					

OF THE METEOROLOGICAL OFFICE, LONDON.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 11, 25.—FORM OF CIRRUS
CLOUD.

Ground covered with thawing snow.

" covered with snow, less than 6 ins., deep but ground not frozen.

" covered with snow, less than 6 ins., but ground frozen.

" 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

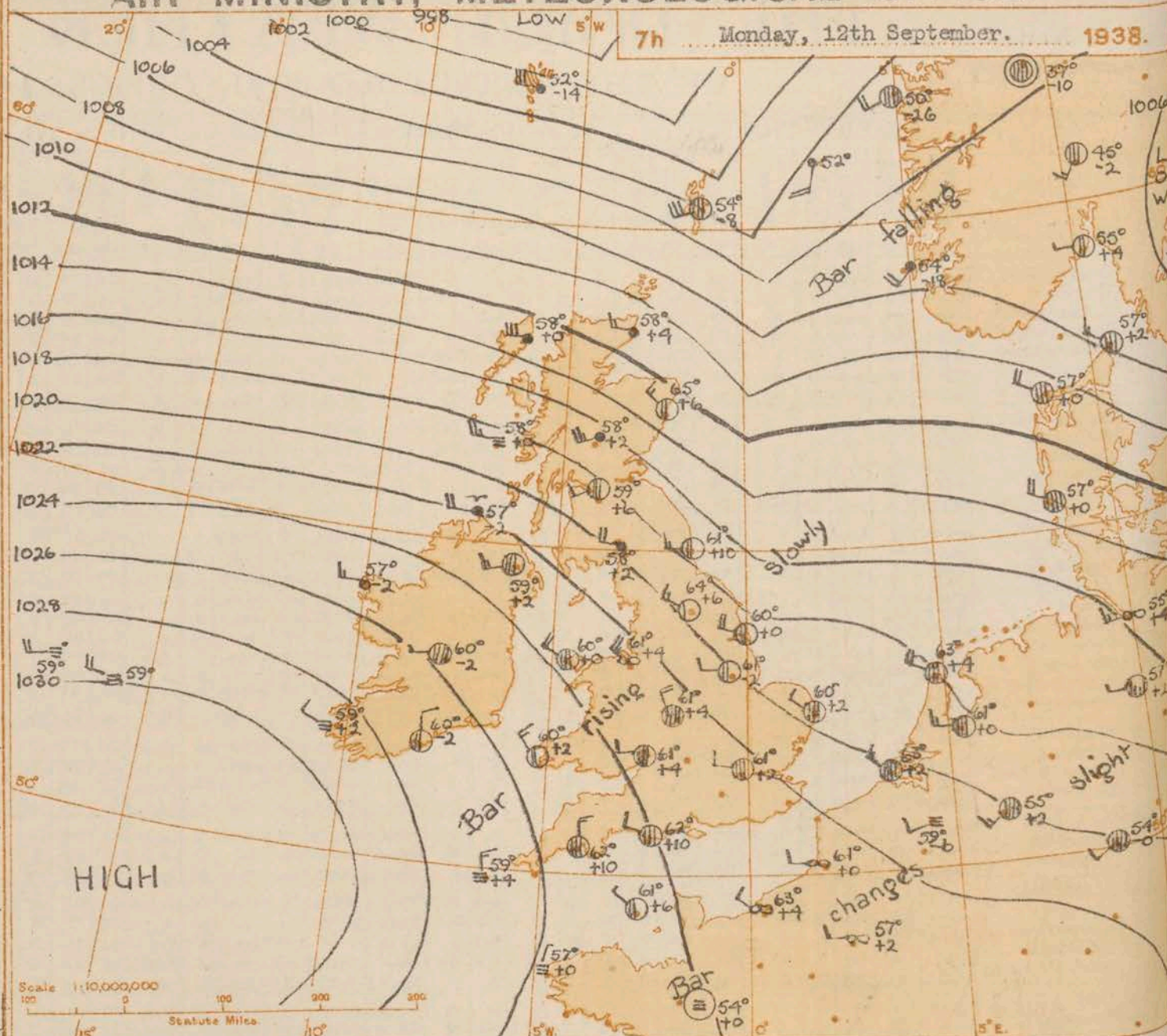
! Sea disturbance reported from Dungeness

REPORTS from HEALTH RESORTS for 11th September, 1938.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min. to 9h. 10th.	Max. 9h. 17th.	Night. 17h. 10th.	Day. 10h. 17h.	Sunrise to 17h.	Sunset to 10th.
1 Tunbridge W.	a	oebco	39	68	-	-	5.1	1.4
Bournemouth	b	bcbce	45	72	-	-	5.5	11.4
Ventnor	bafb	bcb	48	69	-	-	8.7	10.6
Southsea	b	bcb	46	70	-	-	5.2	7.7
Bognor Regis	bcbce	bcbce	47	66	-	-	6.9	7.7
Littlehampton	bcm	bce	48	65	-	-	5.5	5.4
Worthing	b	bcbce	49	65	-	-	8.2	5.9
Brighton	b	bcb	49	65	-	-	9.6	6.3
Eastbourne	b	bcbce	50	65	-	-	8.3	5.8
Hastings	b	bcbce	50	66	-	-	8.7	7.4
Folkestone	b	bcbcm	52	68	-	-	7.6	3.2
Dover	bcb	bcbce	53	68	-	-	8.0	3.3
Deal	b	bcbce	51	68	-	-	7.2	1.7
Ramsgate	b	bcb	54	65	-	-	8.1	2.2
Margate	b	bce	55	64	-	-	7.6	1.5
2 Southend	amc	cmo	48	68	-	-	2.1	2.5
Clacton-on-Sea	bcm	bcbcm	46	66	-	-	4.2	5.7
Dovercourt	b	bce	47	67	-	-	4.2	3.5
Lowestoft	cmcb	cbce	44	65	-	-	0.8	6.7
Skegness	cdco	cdco	44	65	-	Trace	0.0	6.3
Mablethorpe	om	om	43	64	0.3	-	0.0	5.6
Cleethorpe	oc	c	47	65	Trace	-	0.0	4.5
3 Leamington S.	oc	co	49	68	-	-	0.3	1.8
4 Cheltenham	zwbce	c	43	69	-	-	3.1	1.5
5 Bath	mbcb	cb	42	70	-	-	3.2	5.9
Weymouth	b	b	46	66	-	-	7.0	11.1
Jersey	cb	bce	65	67	-	-	3.7	6.4
Torquay	b	bcb	48	70	-	-	8.0	11.7
Falmouth	b	b	50	70	-	-	8.4	11.6
Penzance	b	bcb	53	68	-	-	9.3	11.6
St. Ives	b	b	56	62	-	-	10.2	12.3
Bude	wbce	c	41	63	-	-	3.4	8.6
Ilfracombe	bcb	cbce	51	64	-	-	0.4	5.1
6 Aberystwyth	bcb	cr	47	61	Trace	0.3	0.0	11.9
7 Llandudno	o	o	51	63	0.2	1	0.0	3.7
Colwyn Bay	co	co	51	64	-	0.3	0.0	4.9
Rhyl	o	o	46	62	0.4	0.2	0.0	6.3
8 Wallasey	co	o	53	61	0.5	0.3	0.0	5.2
Southport	co	co	57	63	1	0.4	0.2	4.8
Blackpool	co	co	55	62	0.3	Trace	0.0	5.1
Morecambe	c	cb	55	63	-	-	0.1	11.8
9 Ilkley	co	oc	51	63	-	Trace	0.0	9.1
Harrogate	c	c	50	66	3	-	0.6	9.5
10 Berwick-on-T.	co	c	50	60	1	0.1	0.1	9.0
11 Dunbar	bcm	cm	52	64	Trace	-	1.7	7.4
12 Troon	co	oc	54	61	0.3	Trace	0.2	4.4
Douglas	co	co	52	63	Trace	Trace	0.7	6.1

† Max. Temp. for period 2 h. yesterday to 17h. to-day. Min. Temp. 21h. - 2h.

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

1 S.E. England	Wind west to northwest, light to moderate; cloudy and bright periods; rather warm and close.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind west to northwest, light, freshening in North; mainly cloudy, local drizzle; local coast and hill fog; close.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Wind west, moderate, freshening; cloudy and bright periods; warm and close.
11 S.E. Scotland	As 4 - 9.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scotl. land.	Wind west increasing to gale locally; dull, intermittent rain or drizzle; local coast and hill fog; 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 4 - 9.
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.

An anticyclone persists to southwest of Ireland while a deepening depression over Iceland is likely to move east-southeast. Westerly winds will be strong to gale in the North and weather rather warm and close with occasional rain or drizzle in the North and West and some bright periods in the South and East.

FURTHER OUTLOOK.

Continuing rather warm and close in most districts with further drizzle in western districts.

Time of issue of Gale Warning

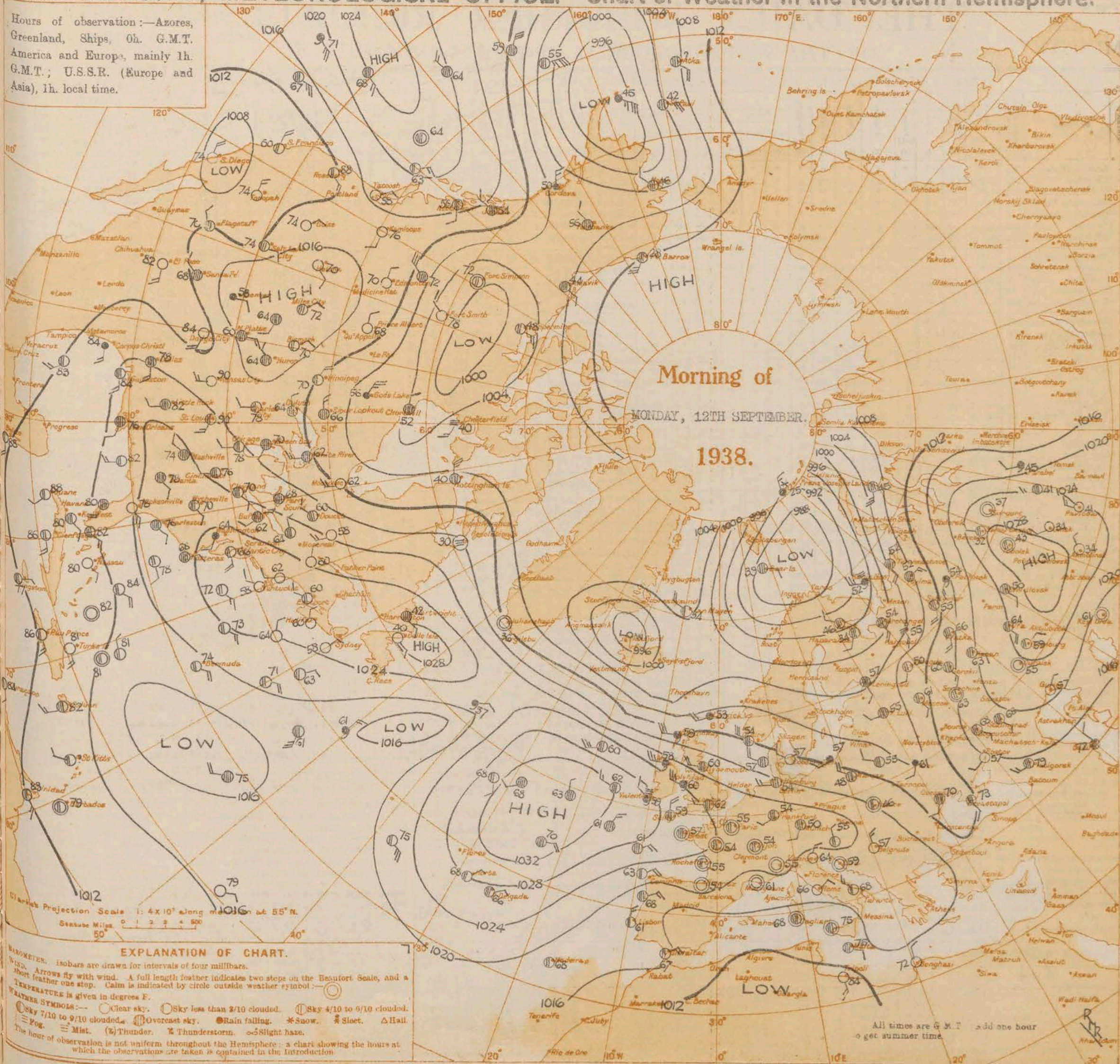
North Cone hoisted at 0800 G.M.T. on 12/9/38 in districts 13B, 16 and part of 15.

Forecasts issued at 1000 G.M.T.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 12th September, 1938.

No. 28053.

OBSERVATIONS at 1 hr. G.M.T. 12th September															OBSERVATIONS at 7 hr. G.M.T. 12th September															PAST 24 HOURS.								
DISTRICT	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine.		
					Dir.	Force.					Form.	Amount.	Height of Base.	Dir.	Force.			Form.	Amount.					Height of Base.	Form.	Amount.	Height of Base.	Max. Day 7h-12h.			Min. Night 12h-5h.	Min. on Grass.	Day 7a-12h.	Night 12h-7a.				
																																			Low.		Med.	High.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1022.4	+4	WSW	2	Z ₀	62	85	6	5	-	-	10	10	1500	0	*	G8	60	58	-	-	1.2			
	Croydon	217	1022.6	+2	W	1	Z ₀	62	92	6	5	7	-	7.8	10	4000	1022.4	+2	W'N	2	C	61	92	7	5	-	-	7.8	10	1500	0	*	G8	60	60	-	-	1.0
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1022.6	+4	W'N	2	C	61	85	7	5	-	-	10	10	2500	0	*	G ₀	59	53	-	-	2.1			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1024.1	+10	NW	2	Cf	58	97	6	5	4	8	9	800	0	*	G8	56	54	-	-	3.1				
	Oshtot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	1023.4	+6	W'N	2	C	60	92	7	-	7	2	0	7.8	-	0	0	68	58	55	-	-	5.0			
	Lymington	346	1022.3	-6	NW	2	Z ₀	60	92	5	5	1	-	7.8	9+	1500	1022.2	+6	WNW	2	Z ₀	60	92	6	5	2	-	7.8	10	2500	0	0	G7	57	54	-	-	8.2
	Manston	142	1021.4	-4	NW	3	Z ₀	61	85	6	5	7	-	4.6	9+	4000	1021.3	+6	NW	3	Z ₀	61	85	6	5	-	-	10	10	2500	0	*	G4	58	56	-	-	7.9
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1021.2	+4	WNW	2	C	63	85	7	5	-	-	9+	9+	2500	0	*	G8	60	55	-	-	4.5			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1020.6	+4	W'N	2	9d	62	85	7	5	-	-	10	10	2500	0	2	G7	60	58	-	-	5.0			
	Gorleston	8	1019.9	-2	WNW	2	C	61	85	6	5	-	-	9+	9+	2500	1019.4	+2	WNW	2	C	60	92	6	5	-	-	10	10	2500	0	2	G4	59	57	-	-	0.9
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1020.5	+2	W'N	3	Z ₀	62	92	6	5	-	-	10	10	4000	0	*	G7	57	53	-	-	0.9			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1020.3	-2	W	3	b	61	92	7	-	-	3	0	1	-	0	0	G7	57	55	-	-	0.4			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1022.8	+4	NNW	4	0	61	92	6	6	-	-	10	10	800	1	*	G5	59	58	0.1	0.1	0.1			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1022.3	+4	NW	4	C	62	85	8	5	2	-	7.8	10	1500	0	*	G7	59	55	-	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1023.6	+4	W	2	C	61	92	8	5	-	-	10	10	2500	0	*	G1	60	53	-	-	3.7			
5	Hartland Point	299	1025.5	+2	W	2	C	60	97	8	5	2	-	4.6	9+	800	1025.4	+6	NNW	3	C	60	97	8	5	-	-	9+	9+	800	0	2	G3	59	57	-	-	0.9
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1023.9	+6	W	3	Cf	58	97	7	5	-	8	7.8	9	2500	0	*	G ₀	56	47	-	-	4.8			
	Portland Bill	32	1024.2	+4	WNW	2	C	62	92	8	5	4	-	7.8	10	2500	1024.6	+10	WNW	2	C	62	92	7	5	4	-	4.6	10	2500	0	2	G4	53	*	-	-	*
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1025.3	+10	N	3	C	62	92	7	5	-	-	10	10	800	0	0	G8	60	58	-	-	6.4			
	The Lizard	240	1026.4	+2	-	0	C	58	97	8	4	1	-	7.8	9+	2500	1026.2	+4	NNW	2	id.	61	97	8	5	-	-	10	10	1500	1	1	G9	56	*	-	-	8.6
	Scilly (St. Mary's)	163	1026.4	-2	N	4	C	59	97	8	5	4	3	2-3	7-8	2500	1026.5	+4	N	3*	ft	59	97	3	-	-	10	10	<150	1	2	G7	58	*	-	-	9.9	
	Guernsey	175	1024.6	0	NNW	1	C	60	97	6	5	3	-	4.6	9	4000	1024.2	+6	NW	1	bc	61	97	7	-	7	6	0	4.6	-	0	1	G5	58	54	-	-	9.0
6	Pembroke	142	1025.7	0	NW	3	C	61	97	8	8	2	-	4.6	9	2500	1025.5	+2	NNW	3	bc	60	92	8	5	7	-	Tr	4.6	4000	0	2	G2	58	*	-	-	1.7
7	Holyhead	26	1023.8	+2	NNW	5	id.	60	97	6	5	-	-	10	10	450	1023.5	0	NNW	4	C	60	97	7	5	-	-	9+	9+	450	0	2	G5	59	56	Tr	Tr	2.6
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1022.9	+4	WNW	5	Z ₀	61	92	6	5	-	-	10	10	800	0	*	G4	61	58	Tr	Tr	0.0			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1022.2	+10	NNW	3	id.	60	97	5	5	-	-	10	10	450	1	*	G3	59	48	0.3	0.2	0.0			
10	Spurn Head	29	1019.2	-6	W	4	C	60	92	6	5	-	-	10	10	2500	1019.3	0	W'N	4	bc	60	92	6	-	-	8	0	2-3	-	0	2	G4	59	55	-	-	0.1
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1019.3	+6	NNW	3	bc	64	75	8	7	4	-	2-3	2-3	4000	1	*	G7	60	55	-	-	0.6			
	Tynemouth	108	1017.5	-6	W	4	C	60	85	8	2	-	-	7.8	7.8	1500	1017.5	+10	W	3	bc	61	85	7	2	-	2-3	2-3	1500	0	2	G5	59	56	-	-	0.5	
11	St Abbs Head	280	1015.3	-16	W	6	Cf	60	85	8	8	4	2	4.6	7.8	2500	1014.6	0	W	7	bq	64	75	8	5	-	1	1	2500	0	4	G2	57	*	Tr	-	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1014.6	+4	W	4	b	61	85	9	7	-	-	1	1	2500	1	*	G5	55	48	-	-	2.7			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1019.0	+6	WSW	2	C	59	97	8	5	-	-	9	9	800	0	*	G6	58	55	Tr	-	3.4			
	Eakdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1019.1	+2	W'N	4	id.	58	92	6	5	-	-	9+	9+	800	1	*	G3	58	53	Tr	Tr	1.7			
	Point of Ayre	30	1021.8	0	W'N	5	id.	60	97	7	8	2	-	7.8	10	800	1022.0	+2	W'N	3	C	60	97	7	5	2	-	9	10	800	0	3	G4	59	*	Tr	Tr	0.1
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1018.6	0	W	5	f	58	97	3	-	-	-	10	10	<150	1	*	G5	59	57	0.2	0.6	0.3			
13b	Stornoway	80	1014.4	-4	W	6	d.d.	59	92	6	5	2	-	9	10	1500	1013.4	0	W	6	r.g.	58	97	6	5	2	-	9	10	1500	1	3	G5	58	57	-	-	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1017.3	+2	WSW	5	r.g.	58	85	7	5	6	-	4.6	9	2500	1	*	G ₀	53	51	-	-	2.1			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1012.9	+6	NW	3	bc	65	75	8	8	4	-	4.6	4.6	2500	0	2	G ₀	55	55	-	-	1.1			
	Wick	81	1011.7	-10	W	2	C	57	92	7	5	2	-	7.8	10	1500	1010.5	+4	W	3	dd	55	97	6	5	2	-	7.8	10	1500	1	1	G8	49	*	-	-	*
16	Lerwick	156	1007.6	-8	SW	4	r.g.	53	97	7	5	7	-	7.8	10	450	1004.4	-8	WSW	6	C	54	97	7	5	7	-	7.8	9+	450	1	*	G5	50	*	2	1	0.0
17	Blackrod Point	18	1026.4	-4	W	3	d	58	97	5	6	-	-	10	10	<150	1025.7	-2	W	3	d	57	97	5	6	-	-	10	10	<150	1	2	G1	56	*	0.1	0.3	*
18	Malin Head	84	1022.3	+2	W	5	d.d.	58	97	4	6	2	-	7.8	10	800	1022.1	-2	W	4	d.d.	57	97	5	3	-	-	10	10	800	1	4	G9	56	*	1	1	0.0
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1023.3	+2	SW	3	C	59	97	8	5	-	-	10	10	450	1	*	G4	59	58	Tr	-	0.0			
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	1025.9	-2	W'S	1	0	60	97	7	5	-	-	10	10	1500	0	*	G ₀	59	58	0.2	-	0.2			
20	Valentia Obay.	30	1029.3	+2	NW	2	dF	59	97	1	6	-	-	10	10	<150	1028.8	+2	NNW	2	Cf	59	97	3	5	-	-	10	10	<150	0	1	G ₀	61	58	0.6	0.6	0.0
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	1027.1	-2	N	2	bc	60	97	8	5	-	-	1	2-3	2-3	2500	0	1	G6	54.6	*	0.6	Tr	*		

LONDON OBSERVATIONS.												EXPLANATION OF FIGURES, LETTERS, &c.																																			
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.											Height above Sea Level, in feet.	Weather			Temperature			Rainfall.		Sun- shine to Sunset hrs.	Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.				COLUMNS 3, 22—Code for surface visibility. Objects not visible at 55 yards.																			
Morning.			Afternoon.			Night.			Day Max.			Night Min.			Min. on Glass			Day.			Night.											Yesterday.		To-day.													
24 hrs. ended 9h.									°F.			°F.			°F.			mm.			mm.																										
Kew												18	bccz.	cz.	cm.	68	60	58	-	-	1.2	.	.	.	6	SOUTH KENSINGTON.				COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.				COLUMNS 30.—Code for State of Sea.													
CROYDON												217	odfbc	cz.	czm.c	68	60	60	Tr	-	1.0	.	.	.	6																						
GREENWICH (Royal Observatory) ...												149	fcmbr.	bcm.	cm.	69	61	57	-	-	1.5	72	83	5																							
CITY (Bunhill Row)																					1.1	.	.	.		Kew OBSERVATORY.				COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.				COLUMNS 30.—Code for State of Sea.													
WESTMINSTER (St. James' Park) ...												27	.	.	.	70	57	57	-	-	1.2	83	83	.																							
REGENTS PK. (Botanic Gardens) ...												168	.	.	.	69	50	51	-	-	1.2	75	83	.																							
CAMDEN SQUARE												110	o	c	.	69	51	52	Tr	-	.	.	81	.	Past 24 Hours				COLUMNS 30.—Code for State of Sea.																		
KENSINGTON												90	om	c	.	70	61	57	-	-	1.1	72	87	.																							
HAMPTHEAD OBSERVATORY												450	o	o	o	68	59	55	-	-	1.0	.	91	.																							
FOREIGN OBSERVATIONS.												18h. G.M.T. 11th. September												7h. G.M.T. 12th. September.												Past 24 Hours											
STATIONS.												Barom. mb.		Wind.		Weather.	Temp. °F.	Barom. mb.		Wind.		Weather.	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall Day mm. Night mm.		COLUMNS 30.—Code for State of Sea.																			
														Dirac.	Force.					Dirac.	Force.																										
PARIS												1022.5	N	2	C	66	1023.0	W	2	z	57	72	52	-	-	COLUMNS 30.—Code for State of Sea.																					
BRUSSELS												1021.9	WNW	2	C	57	1020.6	WSW	2	z+	59	70	57	-	0.4																						
BERLIN												1017.7	WSW	2	C	61	1014.7	WNW	3	c	57	64	55	-	2																						
ZURICH												1021.2	WNW	1	b	66	1022.4	WNW	1	m	65	73	62	-	-																						
ROME												1017.5	-	0	bc	72																															

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

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

1 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.

Sea disturbance reported from Pungueat.

REPORTS from HEALTH RESORTS for 12th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (in.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min. 9h. to 12h.	Max. 12h. to 5h.	Night. 5h. to 9h.	Day. 9h. to 17h.	Sunrise to 17h.	Sunset to 17h.
1	Tunbridge W.	oebc	beb	48	77	-	-	6.4	5.1
	Bournemouth	oeb	b	54	80	-	-	7.8	5.5
	Ventnor	oeb	b	52	75	-	-	7.7	8.9
	Southsea	oeb	b	54	73	-	-	6.2	5.2
	Bognor Regis	oebc	b	51	77	-	-	6.1	6.9
	Littlehampton	oebc	beb	51	80	-	-	5.5	5.5
	Worthing	o	b	54	75	-	-	5.8	8.8
	Brighton	cb	b	54	71	-	-	5.9	9.6
	Eastbourne†	oebc	beb	57	73	-	-	5.7	8.3
	Hastings†	oebc	b	59	75	-	-	5.6	8.7
2	Folkestone	o	cbcb	59	74	-	-	4.7	7.6
	Dover	oebc	b	60	75	-	-	5.2	8.0
	Deal	o	bbc	59	76	-	-	4.1	7.2
	Ramsgate	zbc	bc	59	75	-	-	4.3	8.1
	Margate	cbe	bc	55	77	-	-	4.5	7.6
	Southend	oeb	b	49	82	-	-	6.7	2.1
	Clacton-on-Sea	cbe	bczy	50	77	-	-	5.5	4.2
	Dovercourt	o	bc	52	77	-	-	5.8	4.2
	Lowestoft	cbcb	beb	58	77	-	-	6.1	0.8
	Skegness	b	b	54	76	-	-	10.4	0.0
3	Mablethorpe...	b	b	57	75	-	-	10.7	0.0
	Cleethorpes	b	b	58	76	-	-	10.5	0.0
	Leamington S.	o	beb	59	73	-	-	6.9	0.3
	Cheltenham†	cbcb	b	58	78	-	-	6.8	3.1
	Bath	cbcb	b	51	76	-	-	6.4	3.2
	Weymouth	beb	b	54	73	-	-	8.3	7.0
	Jersey	bc	b	59	70	-	-	5.4	9.7
	Torquay	beb	b	60	76	-	-	8.6	3.0
	Falmouth	c	b	60	71	-	-	5.2	3.4
	Penzance	dcbe	b	59	69	-	-	6.3	9.5
4	St. Ives	o	b	54	63	-	-	5.4	11.5
	Bude...	c	o	59	65	-	-	2.0	3.4
	Ilfracombe	cbcc	cbcb	60	66	-	-	1.1	0.4
	Aberystwyth	orm	cbcb	58	64	-	-	1.8	0.0
	Llandudno	oid	dc	58	65	-	-	0.8	0.0
	Colwyn Bay...	omdo	cbcb	60	68	-	-	1.7	0.0
	Rhyl	comd	cbe	59	67	-	-	2.4	0.0
	Wallasey	o	o	58	63	-	-	0.0	0.0
	Southport	o	bcc	60	65	-	-	0.7	0.2
	Blackpool	cmg	ocm	59	64	-	-	1.0	0.0
5	Morecambe	cbcc	c	59	63	-	-	0.6	0.1
	Ilkley...	cbe	c	58	69	-	-	1.7	0.0
	Harrogate	b	bcc	58	69	-	-	9.2	0.6
	Berwick-on-T.	bc	beb	54	71	-	-	8.8	0.1
	Dunbar	bcm	bcm	56	69	-	-	9.8	1.7
	Troon...	o	oebc	57	63	-	-	4.1	0.2
	Douglas	c	o	59	69	-	-	2.8	0.7
	10								
	11								
	12								

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

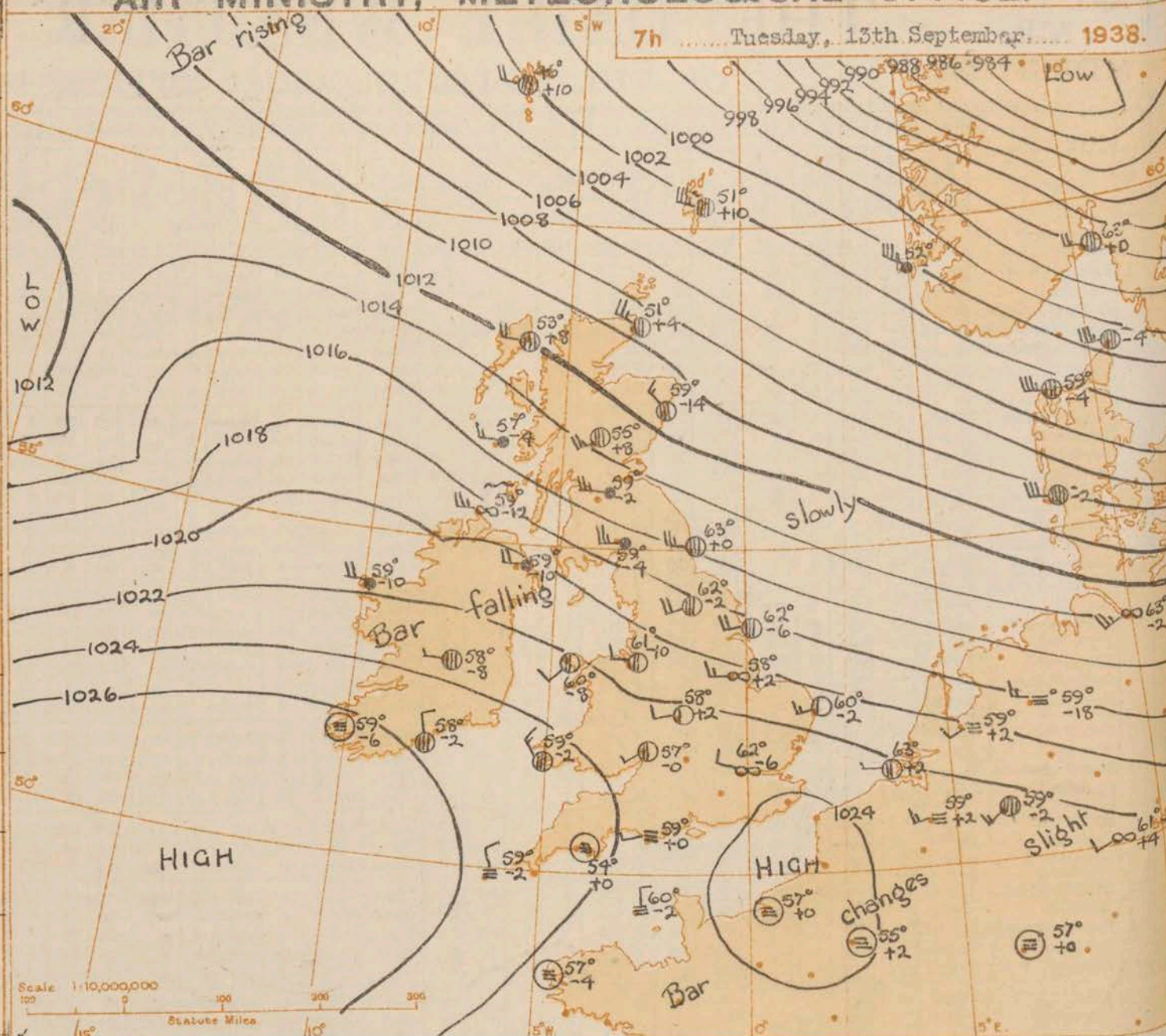
DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th September, 1938.

1 S.E. England	Wind variable to westerly, light, freshening; fine today, cloud increasing tomorrow; local morning fog; very warm today, warm tomorrow.
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. Scotland & B.N.W. Scotland.	
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	

HM Stationery Office Press, Kingston N.C.2

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 13th September, 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.

An anticyclone to the southwest of Ireland will probably move slowly southward while a depression to the south of Iceland deepens as it approaches Northern Scotland. Weather will continue fair and warm in the South but there will be further rain or drizzle at times in the North and Northwest.

FURTHER OUTLOOK.

Unsettled in the West and Northwest; probably continuing fair in the Southeast.

Times of issue of Gale Warnings.

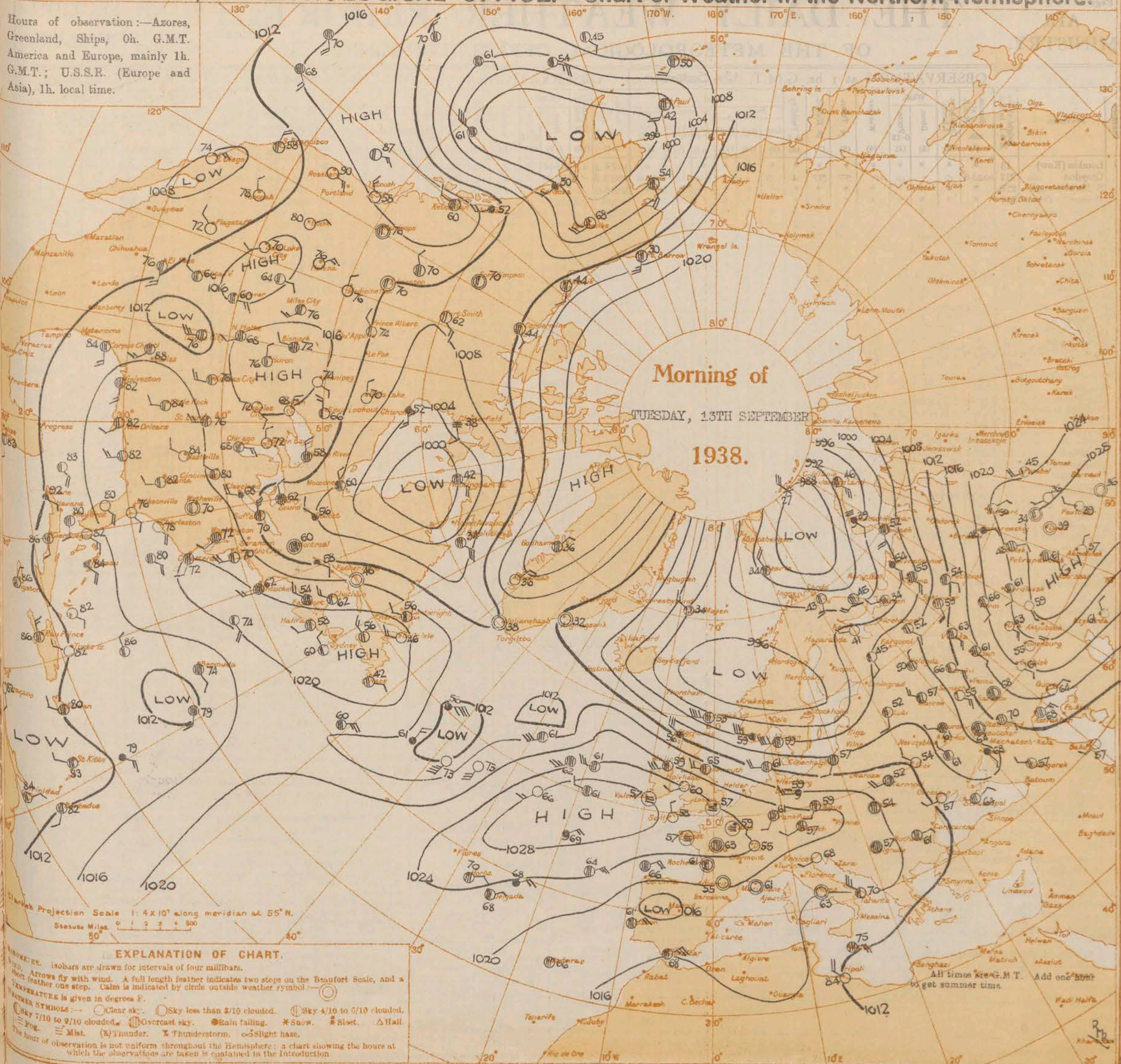
▲ North cone hoisted at 0800 G.M.T. on 12/9/38 in districts 13B, 16 and part of 15, and at 2315 G.M.T. in districts 11, 13A, part of 18 and remainder of 15.

Forecasts issued at 1000 G.M.T.

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

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

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



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C. A.R.C.S.
Director.

PAST 24 HOURS

LONDON OBSERVATIONS.										Weather		Temperature.			Rainfall.		Sun- shine to Sunset hrs.		Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.																				
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.										Morning.		Afternoon.		Night.		Day Max.		Night Min.		Min. on Grass		Day mm.		Night mm.		Yesterday.		To-day.		24 hrs. ended 7h. G.M.T. 13th.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.						COLUMNS 3, 22 —Code for surface visibility. Objects not visible at					
24 hrs. ended 9h.										°F.		°F.		°F.		mm.		mm.		°F.		°F.		mm.		mm.		°F.		°F.		mm.		55 yards.									
Kew...	18	cm, bc	bc, by	bc, cm	76	57	48	-	-	7.8	.	.	5	SOUTH KENSINGTON.						COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.						0 Dense fog																	
CROYDON...	217	cm, bc	bc, by	bc, m, w	77	57	51	-	-	7.4	.	.	6	Max. Time. Min. Time.						1 Thick fog																							
GREENWICH (Royal Observatory)...	149	cb	by	bc	79	59	49	-	-	7.7	52	83	6	0.3 whole period						2 Fog																							
CITY (Bunhill Row) ...	-	.	.	.	.	.	.	.	.	8.0	.	.	.	Kew OBSERVATORY.						3 Moderate fog															
WESTMINSTER (St. James' Park) ...	27	.	.	.	80	59	52	-	-	8.2	64	93	.	Max. Time. Min. Time.						4 Mist or haze																							
BROMPTON Pk. (Botanic Gardens)...	168	.	.	.	78	59	53	-	-	8.0	61	94	.	0.1 1-6h. 0.1 10-13h						5 Poor visibility																							
CANDEN SQUARE ...	110	c	bc	.	80	60	51	-	-	8.0	61	96	.	0.1 1-6h. 0.1 10-13h						6 Moderate																							
KENSINGTON ...	80	c	c	.	79	59	50	-	-	7.9	59	95	.	0.1 1-6h. 0.1 10-13h						7 Good																							
HAMPSTEAD OBSERVATORY ...	450	bc	b	cm	78	57	51	-	-	8.0	59	99	.	0.1 1-6h. 0.1 10-13h						8 Very good																							
FOREIGN OBSERVATIONS.										18h. G.M.T. 12th. September.				7h. G.M.T. 13th. September				Past 24 Hours.				0 <1 4 13-18 9 47-54																					
STATIONS.										Barom. mb.		Wind. Direc. Force.		Weather.		Temp. °F.		Barom. mb.		Wind. Direc. Force.		Weather.		Temp. °F.		Max. Day °F.		Min. Night °F.		Rainfall. Day mm. Night mm.		1 1-3 5 19-24 10 55-63											
PARIS ...										1023.0		-		0		Z		66		1024.1		-		0		F+		55		68		52		-		2 4-7 6 25-31 11 64-75							
BRUSSELS ...										1022.4		NW		1		C		63		1022.9		W'S		3		cf+		59		64		55		Tr		3 8-12 7 32-38 12 > 75							
BERLIN ...										1022.0		WNW		2		bc		63		1016.3		WSW		4		C		61		57		-		0.2									
ZÜRICH ...										1022.0		WNW		2		bc		63		1016.3		ESE		1		m		52		72		50		-		-							
ROME ...										1016.2		W		3		b		72		1017.9		NE		1		b		64		*		*		-		-							
																												COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.						COLUMNS 30.—Code for State of Sea. 0 Calm. 5 Very rough 1 Smooth. 6 High. 2 Slight. 7 Very high 3 Moderate. 8 Precipitous 4 Rough. 9 Confused									

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

¹ See disturbance reported from Dunkeness.

OF THE METEOROLOGICAL OFFICE, LONDON.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.		COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.		COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.	
b, blue sky (not more than a quarter covered with cloud).	q, squalls. r, rain. s, snow.	0 No low clouds.	0 No medium clouds.	0 No cirriform cloud.	0 No cirriform cloud.	0 No cirriform cloud.	0 No cirriform cloud.
bc, sky partly cloudy (one half covered). c, generally cloudy.	rs, sleet. t, thunder.	1 Fair weather Cu.	1 Typical As (thin).	1 Typical As (thin).	1 Typical As (thin).	1 Typical As (thin).	1 Typical As (thin).
d, drizzle. e, wet air. g, gloom.	u, ugly, threatening sky.	2 Large Cu without anvil.	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
f, fog, visibility 220-1100 yds.	v, unusual visibility. w, dew.	3 Cb.	3 Single layer of Ac or high Sc.	3 Single layer of Ac or high Sc.	3 Single layer of Ac or high Sc.	3 Single layer of Ac or high Sc.	3 Single layer of Ac or high Sc.
F, thick fog „ less than 220 yds.	x, hoar frost. y, dry air.	4 Sc formed by the spreading out of Cu.	4 Ac in isolated patches. Individually decreasing (often lenticular).	4 Ac in isolated patches. Individually decreasing (often lenticular).	4 Ac in isolated patches. Individually decreasing (often lenticular).	4 Ac in isolated patches. Individually decreasing (often lenticular).	4 Ac in isolated patches. Individually decreasing (often lenticular).
fa, low fog over sea (coast station).	z, dust haze: the turbid atmosphere of dry weather.	5 Layer of St or Sc.	5 Ac in bands (increasing).	5 Ac in bands (increasing).	5 Ac in bands (increasing).	5 Ac in bands (increasing).	5 Ac in bands (increasing).
fg, low fog over land (inland station).	h(r), "hail" or "rain and hail."	6 Ragged low clouds of bad weather (or fractonimbus).	6 Ac formed from the spreading out of Cu.	6 Ac formed from the spreading out of Cu.	6 Ac formed from the spreading out of Cu.	6 Ac formed from the spreading out of Cu.	6 Ac formed from the spreading out of Cu.
m, mist, visibility 1100-2200 yds.	Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. ro, slight rain.	7 Fair weather Cu. and Sc.	7 Ac associated with As or As with parts resembling Ac.	7 Ac associated with As or As with parts resembling Ac.	7 Ac associated with As or As with parts resembling Ac.	7 Ac associated with As or As with parts resembling Ac.	7 Ac associated with As or As with parts resembling Ac.
h, hail. i, intermittent.	rr, continuous rain.	8 Large-Cu (or Cb) and Sc.	8 Ac Castellatus (or Ac in ragged fragments).	8 Ac Castellatus (or Ac in ragged fragments).	8 Ac Castellatus (or Ac in ragged fragments).	8 Ac Castellatus (or Ac in ragged fragments).	8 Ac Castellatus (or Ac in ragged fragments).
if, fog at a distance, but not at station.	<, less than (for cloud height).	9 Large-Cu (or Cb) and ragged low clouds of bad weather.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.
ip, precipitation within sight of station.	⊕, Solar halo. ⊙, Lunar halo. ↗, gale.		Cloud form abbreviations:—	Cloud form abbreviations:—	Cloud form abbreviations:—	Cloud form abbreviations:—	Cloud form abbreviations:—
ks, storm of drifting snow.	With present weather is combined, whenever possible, the general character of the weather.		Cirrus.—Ci: Cirrocumulus.—Cc: Cirrostratus.—Cs: Altopcumulus.—Ac: Altostratus.—As: Strato-cumulus.—Sc: Stratus.—St: Nimbostratus.—Ns: Cumulus.—Ca: Cumulonimbus.—Cb	Cirrus.—Ci: Cirrocumulus.—Cc: Cirrostratus.—Cs: Altopcumulus.—Ac: Altostratus.—As: Strato-cumulus.—Sc: Stratus.—St: Nimbostratus.—Ns: Cumulus.—Ca: Cumulonimbus.—Cb	Cirrus.—Ci: Cirrocumulus.—Cc: Cirrostratus.—Cs: Altopcumulus.—Ac: Altostratus.—As: Strato-cumulus.—Sc: Stratus.—St: Nimbostratus.—Ns: Cumulus.—Ca: Cumulonimbus.—Cb	Cirrus.—Ci: Cirrocumulus.—Cc: Cirrostratus.—Cs: Altopcumulus.—Ac: Altostratus.—As: Strato-cumulus.—Sc: Stratus.—St: Nimbostratus.—Ns: Cumulus.—Ca: Cumulonimbus.—Cb	Cirrus.—Ci: Cirrocumulus.—Cc: Cirrostratus.—Cs: Altopcumulus.—Ac: Altostratus.—As: Strato-cumulus.—Sc: Stratus.—St: Nimbostratus.—Ns: Cumulus.—Ca: Cumulonimbus.—Cb
ks, slight storm of drifting snow (generally low).	A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.						
ks, heavy storm of drifting snow (generally low).							
ks, slight storm of drifting snow (generally high).							
ks, heavy storm of drifting snow (generally high).							
KQ, line squall. l, lightning.							
o, overcast sky. p, passing showers.							

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.

Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 13th September 1938.

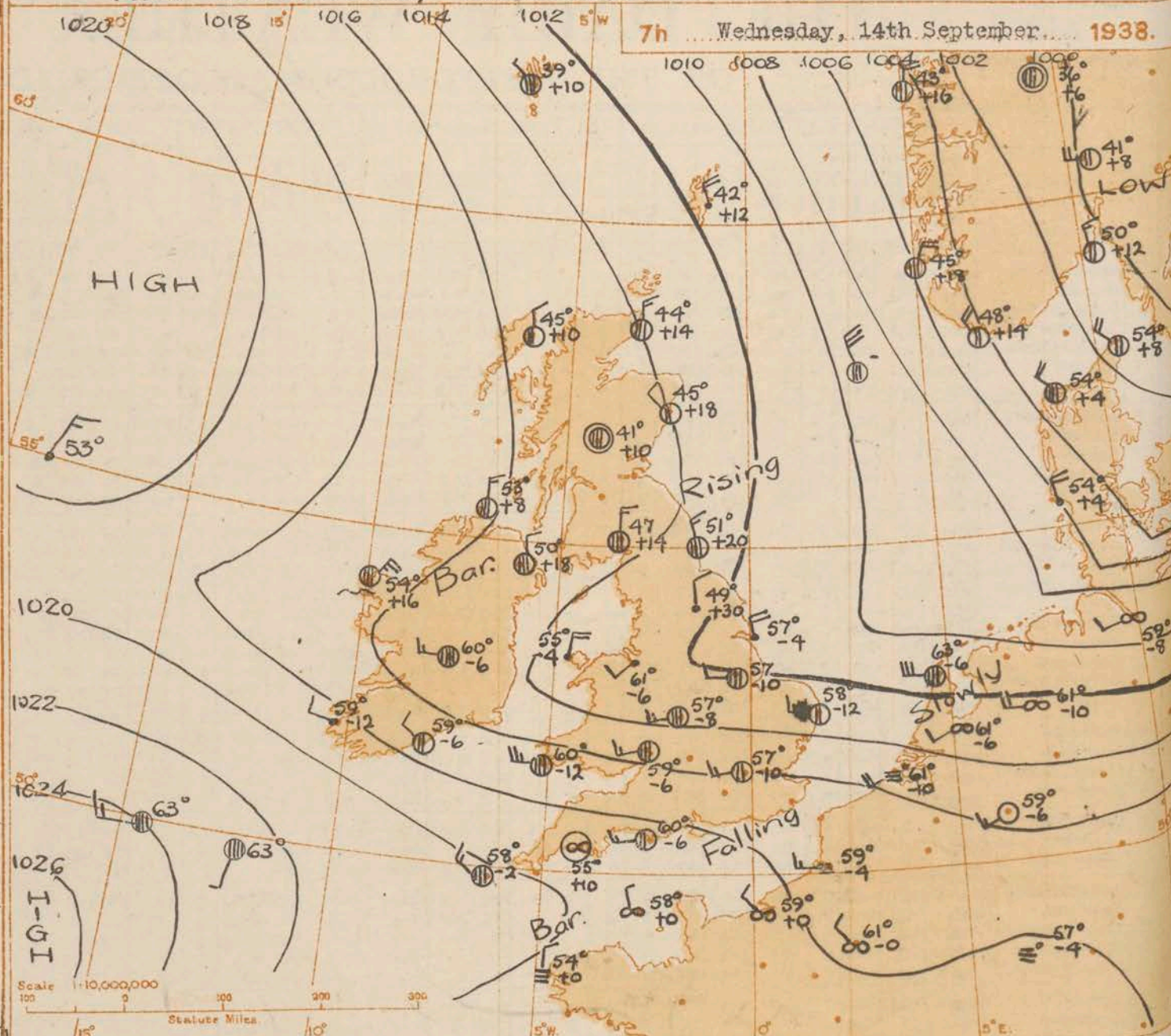
DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 12h.	Max. 12h. to 3h.	Night. 12h. to 17h.	Day. 9h. to 17h.	Sunrise to 17h.	Sunset to 12h.
1	Tunbridge W.	bcb	b	54	77	-	-	10.3	6.8
	Bournemouth	bcb	b	57	75	-	-	7.4	8.7
	Ventnor	bcb bz	bm	58	71	-	-	8.6	8.6
	Southsea	b	b	58	78	-	-	6.1	7.1
	Bognor Regis	bcb	b	57	68	-	-	8.8	7.0
	Littlehampton	bcb	b	55	70	-	-	8.6	6.7
	Worthing	bcb	b	58	72	-	-	7.8	6.8
	Brighton	cb	cbm	57	70	-	-	5.8	6.4
	Eastbourne	bcb	bmb	57	71	-	-	5.8	6.2
	Hastings	bcb	bmb	53	70	-	-	3.7	5.8
	Folkestone	mb	bcb	58	69	-	-	5.2	4.7
	Dover	bcb	bcb	58	69	-	-	5.2	5.2
	Deal	bcb	bcb	58	75	-	-	3.4	4.1
	Ramsgate	b	b	58	71	-	-	8.3	4.3
	Margate	b	b	58	74	-	-	10.7	4.5
2	Southend	bz	b	60	82	Trace	-	10.9	7.4
	Clacton-on-Sea	bz	bzy	56	77	-	-	10.5	5.9
	Dovercourt	bm	bz	57	77	-	-	10.7	5.8
	Lowestoft	b	b	56	78	-	-	10.6	6.4
	Skegness	b	b	55	73	-	-	10.3	*
	Mablethorpe	b	bcb	55	73	-	-	10.4	10.9
	Cleethorpes	bc	bcb	60	72	-	-	8.4	11.3
3	Leamington S.	b	bcb	53	74	-	-	9.8	7.8
4	Cheltenham	wb	bcb	52	74	-	-	9.7	7.6
5	Bath	b	b	55	73	-	-	10.0	7.5
	Weymouth	b	b	58	71	-	-	9.6	9.2
	Jersey	fbc	bcb	58	69	-	-	10	6.5
	Torquay	bfb	b	56	68	-	-	9.5	9.5
	Falmouth	fbc	b	55	71	-	-	5.4	6.6
	Penzance	cb	bcb	56	70	-	-	6.7	7.6
	St. Ives	f	f	54	64	-	-	0.0	6.0
	Bude	om	om	57	62	Trace	Trace	0.0	2.0
	Ilfracombe	cocm	cbcm	58	64	-	-	4.7	1.1
6	Aberystwyth	bc	bc	59	65	-	-	6.0	1.8
7	Llandudno	bc	bc	60	66	-	-	6.7	0.8
	Colwyn Bay	bcb	bcb	60	71	-	-	4.8	1.7
	Rhyl	bcb	bcb	60	69	-	-	5.2	2.7
8	Wallasey	bc	bcb	59	66	Trace	-	4.7	0.3
	Southport	bc	bcb	59	66	Trace	-	4.6	0.7
	Blackpool	b	bcb	60	65	-	-	1.9	2.0
	Morecambe	bcb	bcb	60	64	-	-	3.1	0.7
9	Ilkley	c	c	60	67	-	-	0.2	1.7
	Harrogate	bcb	c	59	65	-	-	2.8	2.2
10	Berwick-on-T.	bcb	bcb	61	77	-	-	8.8	9.5
11	Dunbar	bc	bc	59	68	-	-	7.6	10.0
12	Troon	cb	cb	57	62	Trace	0.3	0.0	4.1
	Douglas	bc	bc	58	68	-	-	5.0	3.7

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

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th September, 1938.

1 S.E. England	Light westerly winds; veering north; fine at first, becoming cloudy with local drizzle during night, bright intervals tomorrow; becoming much cooler.
2 E. England	
3 E. Midlands	Light northerly winds; cloudy with local rain or drizzle then brighter periods with local showers; cool.
4 W. Midlands	
5 S.W. England	As 1.
6 South Wales	
7 North Wales	
8 N.W. England	As 2 - 4.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light northerly to variable winds; bright periods, local rain or hail showers; cool with local ground frost at night.
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Light to moderate northwesterly winds; bright periods, local rain or hail showers; cool.
16 Orkney and Shetland	
17 N. W. Ireland	As 10 - 14.
18 N. E. Ireland	
19 S. E. Ireland	Light to moderate westerly to variable winds; cloudy periods, local drizzle; average temperature.
20 S. W. Ireland	

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.

Anticyclones are centred to the northwest and southwest of the British Isles and a trough of low pressure extending from the Baltic westwards across England is moving southwards. A belt of rain or drizzle, at present over Central England, will move slowly southwards to the Channel and be followed by a period of cool showery weather with bright intervals.

FURTHER OUTLOOK.

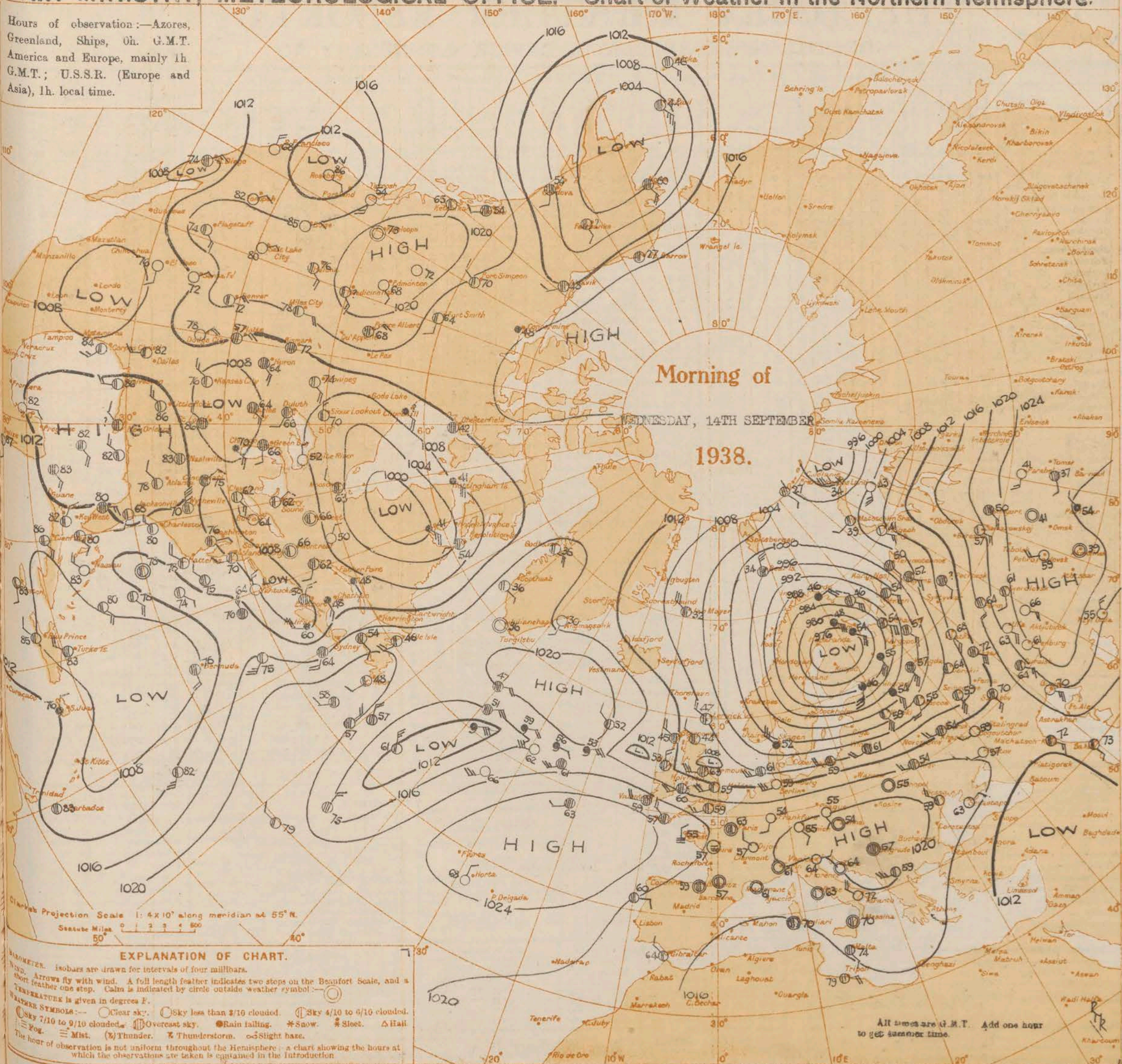
Mainly fair.

Forecasts issued at 1000 G.M.T.

N. K. JOHNSON, M.Sc., A.R.C.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.



PAST 24 HOURS.

[illegible]

N. K. JOHNSON, M.Sc., A.P.C.S., Director

¹ Sea disturbance reported from Dungeness.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 15th September, 1938.
No. 28056

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 14th September														OBSERVATIONS at 18h G.M.T. 14th September														PAST 24 HOURS.																											
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	%Humid.	Visibility 0-9	Cloud.					Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	%Humid.	Visibility 0-9	Cloud.					Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	WEATHER.																											
				Dir.	Force 0-12				Weather.	Form.			Amount.				Low	Med.				High	Low 0-10	Total 0-10	Dir.	Force 0-12				Weather.	Form.			Amount.		Low 0-10	Total 0-10	7h.-13h. 14h.	13h.-18h. 14h.	18h.-14h. 15h.	14h.-7h. 15h.																
										Low	Med.	High	Low 0-10																		Total 0-10	Low	Med.	High	Low 0-10							Total 0-10	Low	Med.	High	Low 0-10	Total 0-10										
																																																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)																								
1	London (Kew) Croydon S. Farnborough Boscombe Down Calshot (Sthratn.) Lympne Manston	1014.3 1014.7 1014.8 1015.3 1015.2 1015.2 1014.1	-1.2 -1.0 -1.0 -1.4 -1.0 -1.4 -1.0	NW NW WN NW WN WN NW	3 3 4 4 3 3 3	c c c c bc bc c	71 72 72 70 72 70 72	65 55 55 65 65 65 55	8 8 8 8 8 8 7	7 4 3 5 4 7 5	2 5 1 1 5 1 4	7-8 4-6 7-8 4-6 2-3 4-6 4-6	9+ 9 9 9 9 9 9	2500 4000 2500 1500 2500 2500 2500	1013.6 1013.5 1013.7 1014.4 1014.8 1013.6 1012.2	-2 -2 -2 -6 -6 -10 -8	NW NW WN NW NW NW -	3 3 4 4 4 2 0	bc bc IR c c c 2	61 67 63 63 67 64 66	82 85 73 85 75 85 75	6 7 3 3 8 7 6	2 2 - 4 3 - 7	7-8 7-8 10 7-8 4-6 7-8 7-8	10 10 10 9 9 9 9	1500 2500 1500 2500 1500 5700 5700	1 0 1 0 0 0 0	* * * * 1 3 3	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc																									
2	Shoeburyness Felixstowe Gorleston Mildenhall Cranwell	1013.6 1013.2 1013.7 1013.1 1014.9	-1.6 -1.0 +0.2 -0.3 +1.6	N NW NE WN NE	3 3 3 4 2	c c c c dd	75 70 66 67 53	55 65 75 75 57	7 8 6 7 5	2 3 - 5 2	- - - - -	4-6 7-8 10 9 7-8	7-8 9+ 10 10 10	2500 2500 1500 2500 450	1012.8 1013.0 1013.6 1014.1 1015.9	-2 -2 0 +0.6 +8	N NW NE NW NE	2 3 4 2 1	bc bc bc bc bc	63 56 66 55 50	85 85 87 87 87	7 3 6 6 7	2 - - 2 -	7-8 10 10 10 7-8	10 10 10 10 10	800 1500 800 1500 800	1 1 2 1 1	* 3 2 * *	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc																									
3	Birmingham Upper Heyford Ross-on-Wye	1014.9 1014.5 1014.6	+4 -8 -6	NW N WS	3 4 3	c c id.	58 67 68	85 75 75	7 8 8	2 5 8	- - -	10 9+ 9+	10 9+ 9+	1500 2500 2500	1016.4 1014.7 1016.0	+6 +6 +1.2	NNE NW N	3 3 3	bc id. id.	52 57 55	87 82 85	4 5 8	- 2 -	- 9 10	10 10 10	450 800 1500	1 1 1	* * *	bc c c	bc bc bc	bc bc bc	bc bc bc	bc bc bc																								
4	Harland Point Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	1016.9 1015.9 1016.4 1017.6 1018.7 1019.8 1019.3	-8 -10 -10 -14 -4 -8 -8	NW N N NW NW NW NW	4 4 2 3 3 4 2	c c bc bc bc c b	62 65 66 70 65 65 66	82 85 85 86 85 85 75	7 8 8 7 8 7 9	5 5 1 3 4 5 3	4 7 - 5 - 1 -	4-6 7-8 4-6 2-3 2-3 1 0	9 9+ 4-6 4-6 4-6 9+ 1	800 1500 2500 4000 2500 2500 -	1016.0 1015.1 1015.1 1016.5 1017.3 1018.1 1016.9	0 -2 -2 -2 -8 -8 -8	NW N N NW NW NW WS	3 4 2 3 5 5 2	F c/p c c id. c c	52 62 63 68 60 60 61	87 92 85 85 87 82 87	4 2 6 5 5 5 7	- - - - - - -	10 7-8 4-6 9+ 10 10 4-6	10 800 2500 1500 1500 1500 2500	0 1 1 0 1 0 0	2 * 2 2 2 3 2	c bc bc bc bc c c	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc																										
5	Pembroke Holyhead Chester (Sealand) Manchester	1016.6 1015.7 1015.6 1015.4	-2 +2 +6 +10	N NE WN NE	5 4 4 2	c c c cf	62 57 58 53	82 75 75 97	7 8 8 3	7 1 2 5	- - 2 -	4-6 2-3 7-8 10	7-8 9+ 10 10	2500 1500 1500 450	1017.5 1017.8 1016.8 1016.9	+2 +6 +14 +10	NE N N NNE	4 4 2 3	c bc z z	66 55 54 52	85 85 83 75	7 8 5 5	- 1 2 -	9 2-3 9 10	9 1500 2500 2500	1 0 1 1	* * * *	c c c c	bc bc bc bc	bc bc bc bc	bc bc bc bc	bc bc bc bc																									
6	Spurn Head Catterick Tynemouth	1015.0 1016.2 1015.8	+10 +10 +10	NE NE NE	2 2 4	bc c c	53 52 53	82 75 65	6 7 8	5 2 8	- - -	10 4-6 9	10 10 9	800 1500 1500	1015.6 1017.1 1017.1	+6 +10 +6	NE N N	2 0 3	bc c c	53 50 52	86 85 86	6 7 8	- 5 2	- 3 4	10 4-6 2-3	10 7-8 4-6	800 5700 2500	1 1 1	* * *	bc c c	bc bc bc	bc bc bc	bc bc bc	bc bc bc																							
7	St. Abbs Head Leuchars Bonfrew (Abbots I.) Eskdalemuir Point of Ayre	1015.8 1016.2 1016.7 1016.3 1016.9	+10 +6 +4 +1.2 +1.0	N SW WN NNE NE	3 1 3 1 2	bc c bc c c	51 55 57 53 55	65 55 55 55 75	9 3 3 8 8	8 3 2 2 2	1 - 3 2 -	2-3 4-6 2-3 4-6 4-6	4-6 7-8 4-6 9 9	2500 2500 4000 2500 2500	1017.0 1017.0 1017.3 1016.7 1018.4	+4 +2 +6 +2 +4	SE S NW - N	2 1 3 0 3	c bc/pr bc bc bc	51 50 58 52 55	65 75 65 75 75	9 8 9 7 8	3 - - 3 -	4-6 4-6 2-3 4-6 4-6	7-8 800 4000 4000 2500	0 1 0 1 0	2 * * * 2	bc rbc bc ccy c	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc																									
8	Tiree Stornoway Dalwhinnie Aberdeen Wick Lerwick	1018.2 1016.8 1017.4 1016.5 1015.9 1013.9	+8 +6 +6 +1.2 +1.2 +8	NW WN WN NW N NW	4 3 3 2 3 5	bc pr bc PHR bc c	56 51 51 53 52 47	75 75 65 65 65 65	8 8 8 8 8 8	2 7 8 8 7 7	- - - - 1 -	4-6 7-8 4-6 4-6 2-3 4-6	4-6 7-8 4-6 4-6 9 7-8	2500 2500 4000 2500 1500 1500	1019.2 1017.4 * 1017.0 1015.9 1014.7	+6 +2 +6 +6 0 0	NW WN - SE SW NW	4 4 0 1 2 1	bc pr bc c/pr c c	52 50 44 47 47 44	55 65 75 85 82 75	9 9 8 8 8 8	2 - - - - 7	2-3 2-3 7-8 4-6 7-8 4-6	2500 4000 4000 2500 1500 1500	0 0 0 1 1 0	3 2 * 1 1 *	bc bc c c c c	bc bc bc bc bc bc	bc bc bc bc bc bc	bc bc bc bc bc bc	bc bc bc bc bc bc																									
9	Blackod Point Malin Head Aldergrove	1020.4 1018.8 1018.4	+10 +2 +14	NE N NE	4 3 3	c c c	56 53 54	75 85 65	8 8 9	5 9 5	- - 2	10 2-3 9	10 7-8 9+	1500 5700 4000	1021.3 1019.6 1019.3	+1.2 +8 +2	N N N	3 2 2	bc bc bc	56 53 53	75 75 65	8 8 9	2 7 2	- 3 -	4-6 4-6 2-3	4-6 4-6 2-3	2500 5700 2500	0 0 1	2 2 *	bc c c	bc bc bc	bc bc bc	bc bc bc	bc bc bc																							
10	Birr Castle Valentia Obey. Rochet Point	1018.1 1019.2 1016.8	+6 0 -10	NW NW NW	1 3 4	c c c	58 60 67	75 97 85	8 5 8	7 5 4	- - 5	4-6 10 4-6	1500 450 1500	1019.7 1020.0 1018.7	+8 +6 +10	NW NNE NNE	1 2 2	bc c c	56 58 58	75 85 85	8 8 9	5 5 8	3 3 5	1 9 7	2-3 7-8 7-8	4-6 9 9	2500 1500 1500	0 1 1	* 2 1	bc bc bc	bc bc bc	bc bc bc	bc bc bc	bc bc bc																							

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.
Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.
An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9-4" 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 decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

Cloud form abbreviations:—

Cirrus, Ci; Cirrocumulus, Cc; Cirrostratus, Cs; Altostratus, As; Stratocumulus, Sc; Stratus, St; Nimbostratus, Ns; Cumulus, Cu; Cumulonimbus, Cb

COLUMN 29.—STATE OF GROUND.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

REPORTS from HEALTH RESORTS for 14th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
				9h. 14th to 9h. 14th.	9h. 14th to 9h. 14th.	9h. 14th to 9h. 14th.	9h. 14th to 9h. 14th.	14th.	13th.
1	Tunbridge W.	b	bce	56	74	-	-	7.5	10.8
	Bournemouth	b.	bce	54	75	-	-	7.3	8.3
	Ventnor	b	bce	54	67	-	-	9.1	9.5
	Southsea	b	bce	56	77	-	-	7.8	6.8
	Bognor Regis	bcb	bce	55	68	-	-	8.1	9.4
	Littlehampton	bc	bce	55	67	-	-	8.0	9.3
	Worthing	bcb	bce	54	69	-	-	7.8	8.5
	Brighton	b	bce	54	68	-	-	7.9	7.8
	Eastbourne	b	bce	54	67	-	-	8.2	6.0
	Hastings	b	bce	52	69	Trace	-	8.4	3.7
2	Folkestone	b	bce	54	70	-	-	6.4	5.2
	Dover	b	bce	56	68	-	-	7.4	5.2
	Deal	b	bce	55	74	-	-	7.4	3.3
	Ramsgate	bc	c	56	74	-	-	6.6	8.7
	Margate	bce	bce	56	73	-	-	7.5	11.1
	Southend	b	bce	56	77	Trace	-	6.7	11.2
	Clacton-on-Sea	bc	bce	55	73	-	Trace	6.1	11.4
	Dovercourt	bce	ocr	56	71	-	0.5	6.0	11.3
	Lowestoft	bce	cr	56	70	-	5	4.3	10.9
	Skegness	codr	ocr	55	58	-	6	0.0	10.9
3	Mablethorpe	odor	ocr	54	55	0.3	2	0.0	10.4
	Cleethorpe	ocr	c	53	55	2	3	0.0	8.5
	Leamington S.	co	ocr	54	65	-	2	0.5	10.3
	Cheltenham	wc	ocr	54	70	-	0.3	1.9	10.0
	Bath	bce	bce	57	68	-	-	2.0	11.0
	Weymouth	b	bce	54	70	-	-	8.9	10.5
	Jersey	bce	bce	58	66	-	-	6.4	1.6
	Torquay	wb	bce	50	72	-	-	10.3	10.3
	Falmouth	b	ocr	55	72	-	-	4.7	5.4
	Penzance	bce	c	56	70	-	-	1.8	6.7
4	St. Ives	c	o	53	64	-	-	1.4	0.0
	Bude	om	omd	57	62	-	Trace	9.0	0.0
	Ilfracombe	bce	bce	58	65	-	-	1.0	5.3
	Aberystwyth	bce	ocr	58	62	-	Trace	0.0	6.8
	Islandudno	oc	oc	54	58	2	2	0.0	7.2
	Colwyn Bay	ocr	c	54	60	4	0.3	0.1	5.3
	Rhyl	ocr	oc	55	58	2	0.6	0.0	5.6
	Wallassey	ocr	c	55	59	0.3	0.3	0.0	4.8
	Southport	ocr	ocr	55	59	1	0.3	0.0	5.2
	Blackpool	ocr	ocr	55	58	-	Trace	0.0	2.3
5	Morecambe	c	c	56	57	-	-	0.0	3.1
	Ilkley	ocr	o	49	51	5	2	0.0	5.2
	Harrogate	ocr	ocr	48	53	5	2	0.0	2.8
	Berwick-on-T.	c	bcb	48	54	6	-	7.1	8.8
	Dunbar	bce	bce	47	55	18	-	6.8	7.9
	Troon	ocr	bce	50	57	2	-	5.0	0.0
	Douglas	c	b	51	55	0.5	-	0.8	5.1

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

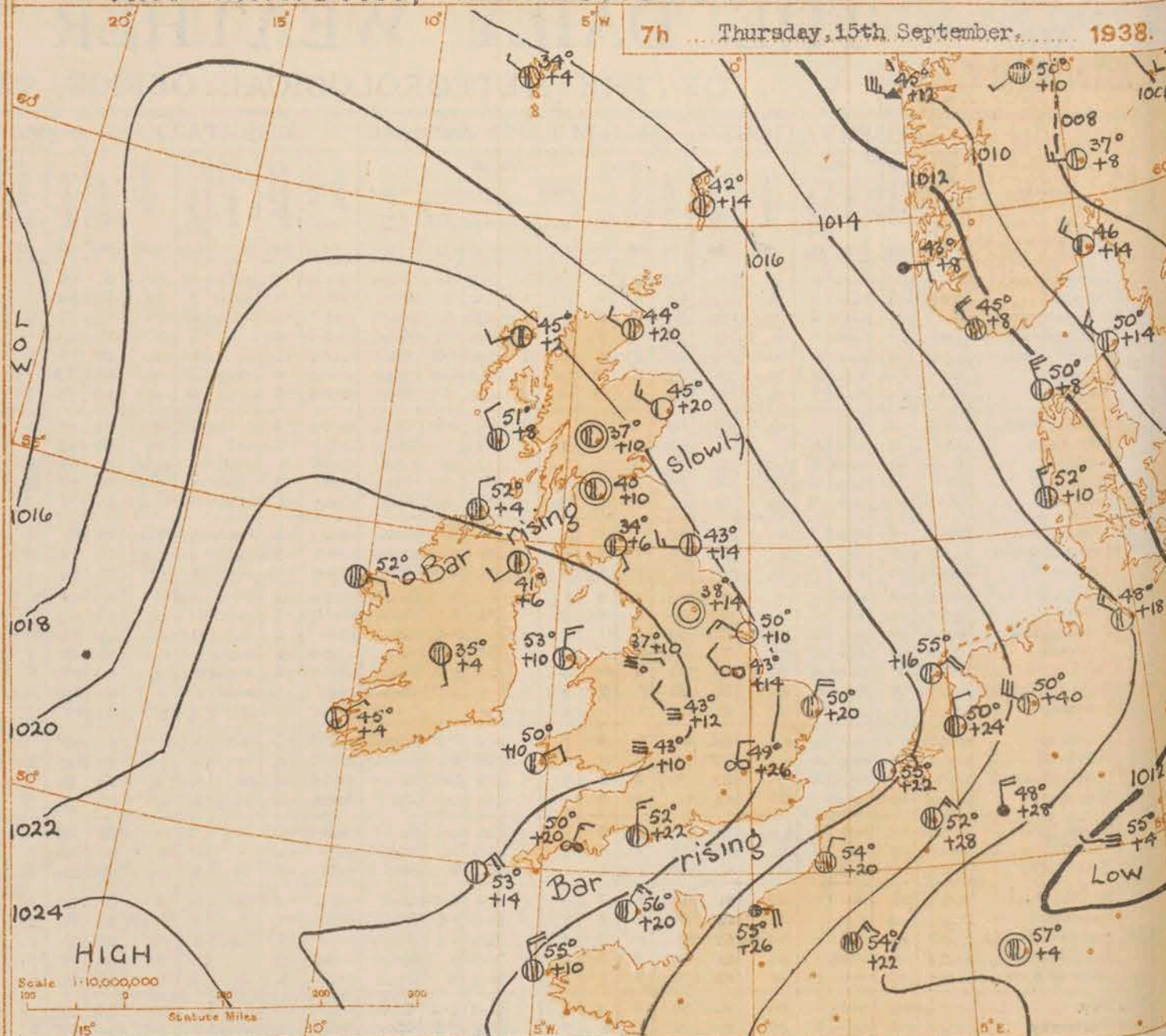
DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th September, 1938.

1 S.E. England	Light to moderate northwesterly to variable winds; bright periods; perhaps a few scattered showers of rain or hail; local morning fog; cool with ground frost at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light to moderate northeasterly to variable winds; bright periods; cool with ground frost locally at night.
6 South Wales	
7 North Wales	
8 N.W. England	Light to moderate westerly or variable winds; bright periods, scattered showers of rain or hail; local morning fog; cool with ground frost at night, severe locally.
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. Scot- land.	Light variable winds, freshening from south or southwest; fair today, occasional rain tomorrow; rather low to average temperature.
14 Mid Scotland	
15 N. E. Scotland	As 7 - 12.
16 Orkney and Shetland	Light to moderate variable winds, freshening from south, fair at first, occasional rain later; average temperature.
17 N.W. Ireland	Light variable winds; mainly fair; rather cool with ground frost locally in early morning.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

†† Station at 17h. Press. Kingsway W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 15th September, 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.

An anticyclone is moving southeastwards across the British Isles and a disturbance is approaching Iceland from the Southwest. Weather, apart from a few scattered showers of rain or hail, will be fair but rather cold with sunny periods in all districts at first but later there is a chance of occasional rain in Western Ireland and Northwest Scotland.

FURTHER OUTLOOK.

Mainly fair in the South and East, rain at times in the Northwest.

Forecasts issued at 1000 G.M.T.

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

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

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

Morning of

THURSDAY, 15th SEPTEMBER.

1938.

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

Scale 1:4X10⁷ along meridian at 55° N.
Statute Miles 500

EXPLANATION OF CHART.

Isobars are drawn for intervals of four millibars.
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.

C. A.R.C.B.
Director.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 15th September, 1938.

No. 28056

OBSERVATIONS at 1 hr. G.M.T. 15th September														OBSERVATIONS at 7 hr. G.M.T. 15th September														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)	Visib. 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)	Visib. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	TEMPERATURE.			RAINFALL.			Sunshine Hrs. (30)		
											Form.			Amount.										Height of Base (feet) (14)	Form.			Amount.		Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)			
											Low (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	*	*	*	*	*	*	*	*	*	*	*	1021.0	+24	NNW	3	Zo	49	85	6	5	4	-	Tr	1	4000	1	*	72	48	42	0.0	Tr	4.2			
	Croydon	217	1017.0	+18	NE	3	dd	53	97	6	5	-	-	10	10	800	1020.6	+26	N'E	2	Zo	49	92	6	5	4	-	1	1	4000	0	*	73	48	46	Tr	Tr	6.7
	S. Farnborough	220	*	*	*	*	*	*	*	*	*	*	*	1021.7	+20	NNW	2	b	47	92	6	-	4	-	0	Tr	-	1	*	74	46	41	1	0.2	7.8			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1021.7	+22	N	2	bc	45	97	6	5	5	1	1	2.3	2500	1	*	70	43	42	Tr	Tr	7.1			
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1020.6	+22	NNW	3	bc	50	85	7	5	5	1	2.3	4.6	2500	1	2	72.3	50	49	-	0.2	7.9			
	Lymington	346	1015.4	+8	NNE	4	c/r	54	92	6	5	-	-	10	10	450	1018.9	+18	N	4	bc	51	75	8	5	5	9	Tr	4.6	2500	1	51	72	50	47	-	6.1	
	Manston	142	1015.9	+14	NEE	4	c/r	55	92	7	5	-	-	9+	9+	1500	1019.1	+22	NNE	3	bc	54	75	8	8	3	-	2.3	4.6	2500	1	*	74	52	43	-	4	7.3
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1019.8	+22	NNW	3	b	49	92	8	2	4	9	Tr	1	4000	1	*	77	47	42	Tr	2	6.7			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1019.9	+20	NNW	3	b	48	85	7	2	4	-	Tr	Tr	2500	1	2	72	45	42	5	2	5.9			
	Gorleston	8	1016.2	+14	NNE	4	bc	52	92	7	8	-	-	4.6	4.6	2500	1019.3	+20	NNE	4	bc	50	75	7	2	-	4.6	4.6	2500	1	2	66	48	46	5	4	3.8	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1020.6	+22	NW	2	Zo	43	97	6	7	-	4	1	1	4000	1	*	70	41	35	1	2	3.7			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1021.4	+14	NW	2	Zo	43	92	5	-	4	1	0	Tr	-	1	*	63	40	37	5	Tr	0.1			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1022.4	+12	NW	2	bf	43	97	3	-	-	-	0	0	-	1	*	65	42	29	1	-	0.1			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1021.7	+18	NW	2	m	42	97	4	-	3	-	0	2.3	-	0	*	70	42	38	Tr	0.1	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1022.2	+10	-	0	bcf	43	97	3	-	-	2	0	2.3	-	0	*	69	42	33	0.0	-	2.0			
5	Hartland Point	299	1018.9	+6	NE	5	b	52	75	9	-	-	-	0	0	-	1021.8	+16	NE	4	bc	53	75	8	1	-	1	2.3	2.3	1500	0	3	62	52	48	-	-	0.2
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1022.1	+16	N'E	2	Zo	45	92	6	5	-	8	1	4.6	1500	0	*	67	44	32	-	-	0.3			
	Portland Bill	32	1016.9	+12	N	3	c	56	85	7	5	4	-	4.6	7.8	2500	1020.2	+22	N	3	c	52	85	7	5	4	1	4.6	7.8	2500	1	3	66	51	*	-	0.1	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1021.7	+20	NNE	3	Zo	50	85	6	-	-	2	0	7.8	-	0	1	70	50	47	-	-	8.2			
	The Lizard	240	1019.5	+8	N'W	3	c	54	85	8	4	-	-	7.8	7.8	2500	1022.0	+12	N'E	3	bc	49	85	7	4	-	1	2.3	4.6	2500	0	0	66	48	*	Tr	-	3.8
	Scilly (St. Mary's)	163	1020.5	+10	NE'N	4	c	57	75	8	8	-	-	10	10	1500	1022.4	+14	N'E	4	bc	53	75	8	1	-	1	2.3	4000	0	3	65	53	*	-	-	1.0	
	Guernsey	175	1016.9	0	NNW	2	c	59	97	7	8	-	-	10	10	2500	1019.2	+20	NNE	3	c	56	85	7	8	3	-	7.8	9+	2500	1	2	67	56	54	-	-	7.6
6	Pembroke	142	1020.6	+14	NNE	3	b	49	85	8	1	-	1	Tr	1	4000	1022.9	+10	NE	2	bc	50	85	9	8	4	2	4.6	4.6	2500	1	1	62	46	*	Tr	-	2.4
7	Holyhead	26	1020.9	+10	N	4	bc	54	65	8	2	-	-	2.3	2.3	2500	1022.3	+10	N	3	bc	53	65	9	2	-	4	2.3	2.3	4000	0	2	58	52	47	0.0	Tr	0.9
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1022.4	+10	E	1	F	37	97	4	5	-	4	1	2.3	4000	1	*	61	36	32	1	Tr	0.0			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1022.0	+18	E	1	F	38	97	0	-	-	-	10	10	<150	1	*	60	31	29	3	Tr	0.0			
10	Spurn Head	29	1018.3	+10	NNW	3	bc	50	85	8	2	8	-	2.3	4.6	1500	1020.6	+10	NNW	3	b	50	85	5	-	-	0	0	-	0	2	57	45	*	3	0.4	0.0	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1021.1	+14	-	0	b	38	97	8	-	-	5	0	Tr	-	1	*	53	36	30	0.1	-	0.0			
	Tynemouth	108	1018.8	+4	SW	2	bc	47	75	5	5	-	-	2.3	2.3	1500	1020.1	+14	W	3	bc	43	75	6	2	-	2.3	2.3	1500	1	2	54	41	38	-	-	0.8	
11	St Abbs Head	280	1018.1	+6	NNW	3	b	49	75	9	2	4	-	Tr	1	4000	1019.6	+8	NNW	4	bc	48	65	8	2	3	-	1	2.3	2500	0	2	54	46	*	-	-	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1020.4	+12	WSW	3	b	39	92	8	4	-	-	Tr	Tr	4000	1	*	59	36	28	1	0.1	5.6			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1021.1	+10	-	0	bc	40	92	8	5	4	-	1	2.3	4000	0	*	58	37	31	-	-	8.5			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1022.0	+6	SSE	1	b	34	92	8	-	3	1	0	Tr	-	1	*	55	31	25	-	-	2.6			
	Point of Ayre	30	1020.8	+10	N	4	b	53	75	8	2	-	-	1	1	4000	1022.0	+8	N'E	3	c	53	85	8	8	-	1	7.8	7.8	2500	0	2	56	51	*	-	-	1.9
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1021.5	+8	NNW	2	c	51	65	9	8	-	-	9+	9+	2500	0	3	57	49	45	-	-	8.6			
13b	Stornoway	80	1019.4	+12	NNW	3	bc	47	75	8	5	-	-	2.3	2.3	4000	1020.3	+2	WSW	2	bc	45	85	9	5	-	2.3	2.3	4000	1	1	53	41	35	3	0.2	8.2	
16	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1019.4	+20	NNW	3	bc	37	97	8	4	-	-	1	2.3	4000	1	*	53	35	27	2	Tr	4.7			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1019.4	+20	NNW	3	bc	45	85	8	4	-	3	2.3	2.3	2500	1	1	55	41	35	5	0.5	6.2			
	Wick	81	1015.6	-2	WSW	3	bc	43	85	8	3	7	-	2.3	4.6	1500	1018.5	+20	NNW	2	bc	44	75	8	8	7	-	2.3	4.6	1500	1	1	52	41	*	1	1	*
16	Lerwick	156	1013.7	-4	NW	2	c/pr	44	85	8	5	2	-	7.8	9+	800	1016.1	+14	NNW	2	bc	42	75	8	5	4	-	2.3	4.6	1500	1	*	50</					

DIRECTION.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 15th September.														OBSERVATIONS at 18h. G.M.T. 15th September.														PAST 24 HOURS.												
		Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Group.	% Humid.	Visibility 0-10.	Cloud.						Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility 0-10.	Cloud.						State of Ground. 0-9.	Sea. 0-9.	WEATHER.										
				Direc.	Force					Form.	Amount.	Height of Base (feet)	Direc.	Force	Form.			Amount.	Height of Base (feet)					Form.	Amount.	Height of Base (feet)	7h.—13h. 15h.	13h.—18h. 15h.	18h.—15th 1h.—16th.			15th.—16th.										
																																	Low	Med.	High	Low	Total	Low	Med.	High	Low	Total
1	London (Kew) ...	1022.7	+4	NW	2	bc	59	45	8	7	-	-	4-6	4-6	4000	1023.1	+4	NW	2	bc	59	45	7	5	1	9	1	2-3	4000	0	*	bm, bcc	bey, bcy	bey, bcy	cm, w							
	Croydon ...	1021.8	+4	NEE	1	bc	60	55	8	1	-	-	4-6	4-6	4000	1022.7	+10	NW	1	bc	59	55	6	4	4	-	Tr	2-3	5700	0	*	bm, bcy	bey	bey, bcy	bm, bcy							
	S. Farnborough ...	1022.4	+2	NW	1	bc	62	45	8	7	-	-	4-6	4-6	4000	1023.0	+6	NW	1	b	59	45	7	-	4	-	Tr	-	0	*	bm, bcy	bey	bey, bcy	bey, bcy								
	Boscombe Down ...	1022.5	0	NNE	3	b	59	45	8	1	-	-	1	1	2500	1023.6	+10	NE	1	bc	55	65	7	5	3	-	4-6	4-6	2500	0	*	by	bey	bey, bcy	bey, bcy							
	Calshot (St. Mary's) ...	1022.1	0	NW	2	b	61	45	8	1	-	-	4-6	4-6	4000	1022.6	+6	NNW	2	b	60	55	8	-	4	-	0	1	-	0	1	*	bey	bey	bey, bcy	bey, bcy						
	Lymington ...	1021.4	+6	NE	4	c	58	65	9	7	-	-	7-8	7-8	2500	1023.6	+10	ENE	2	b	53	65	9	-	4	-	0	1	-	0	1	*	bey	bey	bey, bcy	bey, bcy						
	Manston ...	1022.0	+10	NE	3	bc	58	55	8	8	-	-	4-6	4-6	4000	1023.1	+8	ENE	1	b	55	65	9	8	-	-	1	1	4000	1	*	bey	bey	bey, bcy	bey, bcy							
2	Shoeburyness ...	1022.0	+10	NE	2	c	59	55	8	2	4	-	7-8	7-8	4000	1022.7	0	SE	1	bc	57	65	8	7	-	-	2-3	2-3	4000	0	*	bey	bey	bey, bcy	bey, bcy							
	Felixstowe ...	1021.7	+6	ENE	2	bc	60	55	9	2	3	-	4-6	4-6	2500	1022.8	+6	ENE	1	bc	58	55	8	7	-	-	2-3	2-3	2500	0	2	bey	bey	bey, bcy	bey, bcy							
	Gorleston ...	1021.9	+6	WEN	3	bc	59	55	7	2	-	-	2-3	2-3	4000	1022.5	+6	NE	2	bc	57	75	7	2	-	-	2-3	2-3	2500	0	*	bey	bey	bey, bcy	bey, bcy							
	Mildenhall ...	1022.0	+2	NW	2	bc	60	45	8	2	-	-	4-6	4-6	4000	1023.0	+6	-	0	bc	56	65	8	1	3	1	1	4-6	4000	0	*	bm, bc	bey	bey, bcy	bey, bcy							
	Cranwell ...	1022.1	-2	NW	1	bc	60	35	7	1	-	-	2	1	2-3	4000	1023.2	+																								

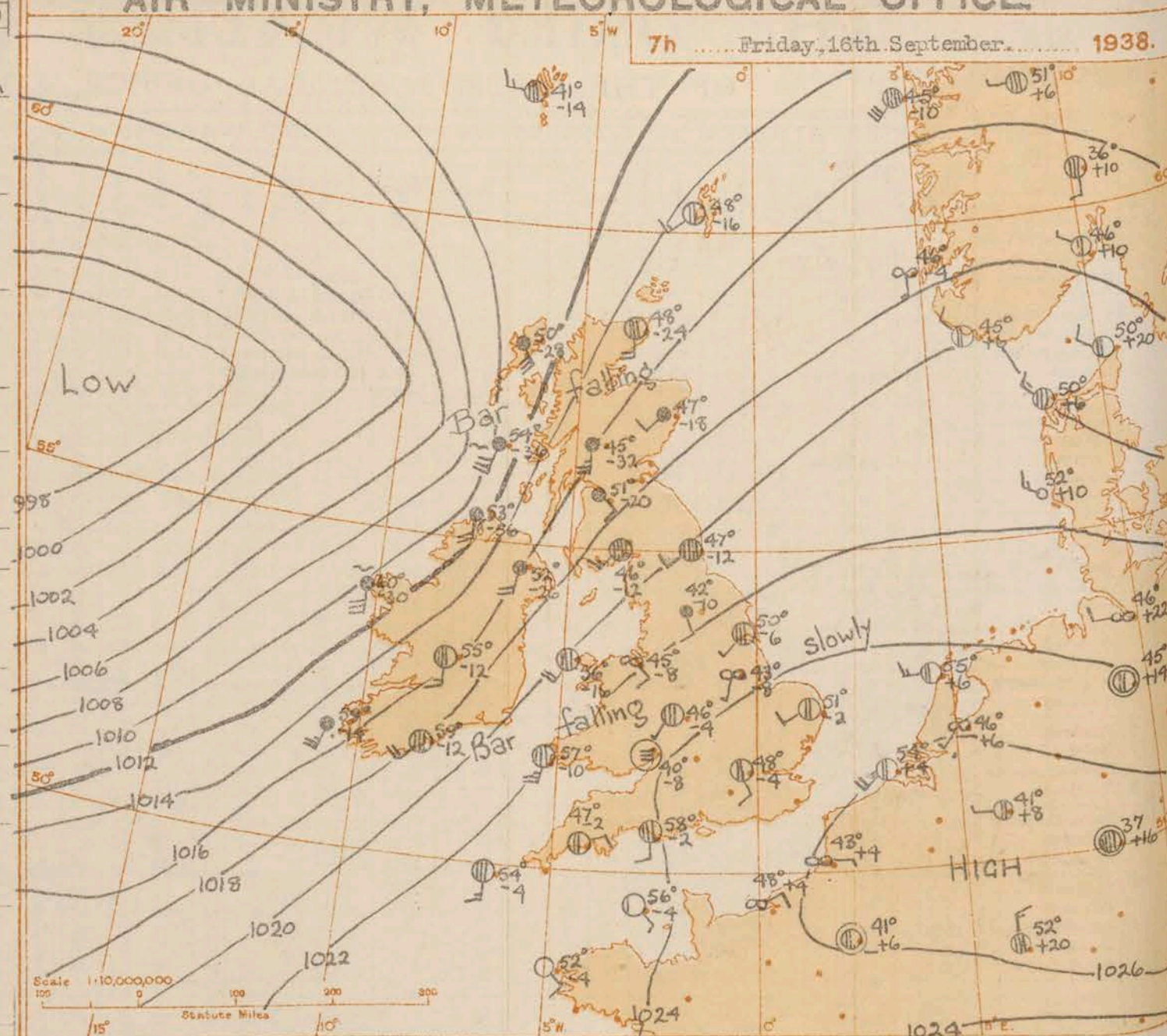
Sea disturbance reported from Dungeness

REPORTS from HEALTH RESORTS for 15th September, 1938.

AIR MINISTRY, METEOROLOGICAL OFFICE

7h Friday, 16th September, 1938.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
			9h-17h.	15h.	17h-14h.	15h.	15h.	14h.
1 Tunbridge W.	b	bbe	48	65	0.5	-	9.5	7.5
Bournemouth	b	b	48	65	-	-	9.5	7.3
Ventnor	pb	bc	50	65	0.3	-	9.1	9.1
Southsea	b	bcb	50	*	Trace	-	8.6	7.3
Bognor Regis	bc	bc	50	63	-	-	7.8	8.2
Littlehampton	bc	bc	49	66	-	-	8.6	8.1
Worthing	b	bcb	50	63	-	-	8.1	7.8
Brighton	b	bcb	51	65	-	-	8.8	7.9
Eastbourne	b	bcb	50	64	0.5	-	8.5	8.2
Hastings	bbe	bcb	49	66	1	-	8.2	8.4
Folkestone	vbc	bcb	51	63	2	-	8.3	6.4
Dover	bc	bc	53	63	3	-	8.8	7.4
Deal	cbc	cb	55	65	3	-	9.7	7.4
Ramsgate	bcp	bc	54	61	4	Trace	7.8	6.6
Margate	bcb	bcb	55	60	5	-	7.1	7.5
2 Southend	b	bbe	48	65	2	-	7.5	6.7
Clacton-on-Sea	bc	bcb	46	61	3	-	7.8	6.1
Dovercourt	bv	bv	52	61	5	-	8.1	6.0
Lowestoft	bcb	b	46	60	5	-	7.9	4.6
Skegness	b	bcb	42	59	2	-	9.6	0.0
Mablethorpe	b	b	40	58	Trace	-	10.3	0.0
Cleethorpe	bc	bc	42	58	0.3	-	9.1	0.0
3 Leamington S.	b	bbe	41	60	0.2	-	8.9	0.5
4 Cheltenham	wb	bbe	42	62	0.5	-	8.7	1.3
5 Bath	bbe	b	45	62	Trace	-	9.3	2.0
Weymouth	b	b	53	68	-	-	10.6	9.3
Jersey	cbc	cbc	58	65	-	-	2.7	6.4
Torquay	b	by	51	61	-	-	10.2	10.7
Falmouth	b	b	49	62	-	-	8.7	4.7
Penzance	b	b	52	63	-	-	10.0	1.8
St. Ives	b	b	53	65	-	-	9.8	1.4
Bude	wb	b	48	60	-	-	10.5	0.0
Ilfracombe	opbc	bcb	52	61	0.3	-	9.8	1.0
6 Aberystwyth	bc	bbe	40	57	-	-	8.3	0.0
7 Llandudno	bbe	bbe	50	59	-	-	7.9	0.4
Colwyn Bay	bcb	bcb	51	57	-	-	4.7	0.5
Rhyl	bcc	bcb	47	58	1	-	4.0	0.0
8 Wallasey	bbe	bcb	45	58	-	-	6.6	0.0
Southport	wbv	bcb	38	62	Trace	-	8.6	0.0
Blackpool	b	bcb	39	58	-	-	7.4	0.0
Morecambe	bbe	bcb	34	59	-	-	8.5	0.5
9 Ilkley	b	bc	36	61	-	-	8.4	0.0
Harrogate	b	bbe	38	59	-	-	8.7	0.0
10 Berwick-on-T.	bbe	bbe	38	53	0.1	-	9.5	7.4
11 Dunbar	bc	cm	42	55	-	-	9.4	6.8
12 Troon	cbc	cbc	43	57	Trace	-	3.7	6.5
Douglas	b	b	44	58	0.3	-	5.7	1.5



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 16th September, 1938.

1 S.E. England	Light variable winds, freshening from southwest; fair today,
2 E. England	occasional slight local rain or drizzle tonight and tomorrow; local
3 E. Midlands	morning mist; average temperature.
4 W. Midlands	Light to moderate southwesterly winds; becoming cloudy, occasional
5 S.W. England	rain later; hill fog; average temperature.
6 South Wales	Freshening southwesterly winds; fair at first, occasional rain or
7 North Wales	drizzle later; local coast fog; average temperature.
8 N.W. England	Moderate south to southwest winds, becoming strong at times;
9 N. Midlands	cloudy with rain at times today, brighter intervals and showers
10 N.E. England	tomorrow; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotld. land.	Moderate to strong south to southwest winds, approaching gale
14 Mid Scotland	at times, veering and moderating later; rainy today, showers and
15 N.E. Scotland	bright intervals tomorrow; average temperature.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	As 7 - 12.
20 S.W. Ireland	

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

GENERAL INFERENCE.

A depression to the south of Iceland is moving towards Northern Scotland. Today it will be mainly fair in the Southeast and South but elsewhere it will be rainy. Tomorrow occasional rain or drizzle is probable in the South and Southeast while in the North and West there will be showers and bright intervals.

FURTHER OUTLOOK.

Rather unsettled generally.

Time of Issue of Gale Warning.

South Cone hoisted 0805 16/9/38 in districts 12, 13, 15, 16, 17, 18 and 20.

Forecasts issued at 1000 G.M.T.

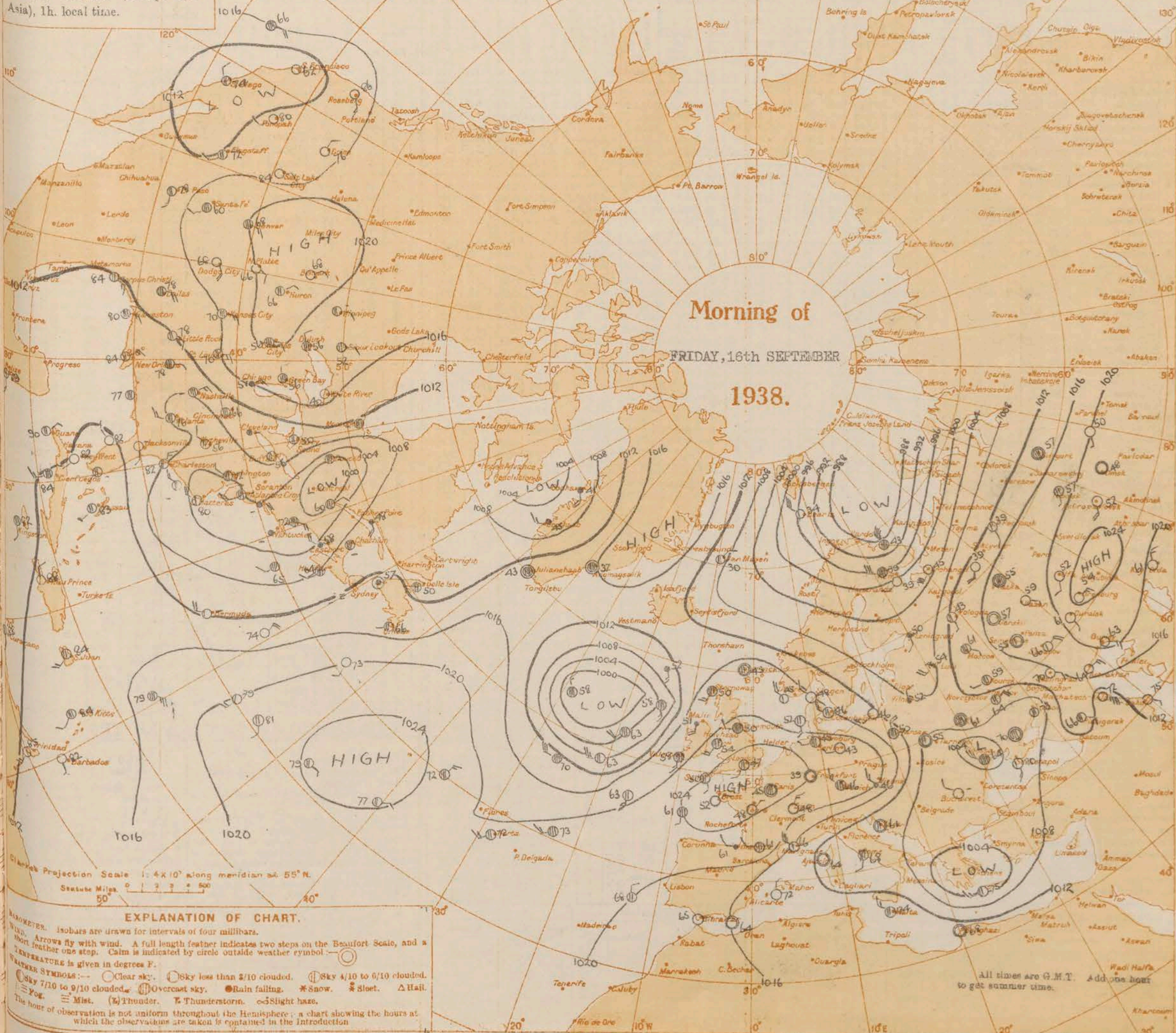
N. K. JOHNSON, M.Sc., A.R.C.S.
Director

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

1938.

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.

26° +10
46° +20
46° +22
45° +14
37° +16
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A.R.C.S.
Director.

PAST 24 HOURS.

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.																
Day 7h—18h, Kew & Croydon.				Height, above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun- shine to Sunset		Humidity.		Atmospheric Pollution.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.				COLUMNS 3, 22—Code for surface visibility. Objects not visible at 0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 2½ " 6 Moderate " 6½ " 7 Good " 12½ " 8 Very good " 31 " 9 Excellent " beyond 31m.			
9h—18h, Kensington.					Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass	Day.	Night.	15h. G.M.T.	9h. G.M.T.	Viability 9h.	Milligrams of Solid Impurity per cubic metre.										
9h—21h, other stations except for rainfall which is 9h—18h.					24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.	Yesterday.		To-day.		24 hrs. ended 7h. G.M.T. 16th.									
Kew... ..				18	bmbbc	bcybcy	bcybmw	61	41	31	-	-	10.4	.	.	7	SOUTH KENSINGTON.				COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.					
CROYDON... ..				217	bmbcy	bcy	bcbzbbw	63	45	42	-	-	8.9	.	.	8	Max. Time. Min. Time.									
GREENWICH (Royal Observatory)... ..				149	bby	bcy	bcw	62	43	32	-	-	81	40	60	7	0.3. 21-23h 15h. 0.3. 14h. 15h.									
CITY (Bunhill Row) ... ..				-	.	.	.	.	.	.	.	.	9.8	.	.	.	Kew OBSERVATORY.			
WESTMINSTER (St. James' Park)				27	.	.	.	65	41	41	Tr	-	8.7	64	71	.	Max. Time. Min. Time.									
BUCKINGHAM Pk. (Botanic Gardens)				166	.	.	.	65	45	38	-	-	.	55	66	.	0.3. 22h. 10.1 10-17h 15h. 15h.									
GARDEN SQUARE				110	b	bc	.	66	45	36	-	-	.	51	92	.										
KENNINGTON				80	bc	bc	.	64	44	36	-	-	9.2	51	65	.										
HADDERSFIELD OBSERVATORY				450	bc	bc	bc	61	47	39	-	-	10.4	.	80	.										
FOREIGN OBSERVATIONS.				18h. G.M.T. 15th. September.....				7h. G.M.T. 16th. September.....				Past 24 Hours.														
STATIONS.				Barom. mb.	Wind.		Weather.	Temp. °F.	Barom. mb.	Wind.		Weather.	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall.										
					Dirac.	Force.				Dirac.	Force.					Day mm.	Night mm.									
PARIS				1021.0	NE	3	b	61	1026.1	-	0	b	41.	64	39	0.1	-									
BRUSSELS				1022.0	NNE	3	bc	54	1026.4	-	0	b	48	63	39	-	-									
BERLIN				1016.2	NNW	3	b	55	1023.2	WNW	3	bc	48	66	45	-	-									
ZURICH				1015.5	NNW	1	r	57	1023.9	NE	3	c	48	70	46	22	4									
ROME									1011.8	-	0	b	64	.	.	.	-									
																COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.										

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

‡ Sea disturbance reported from Dungeness.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

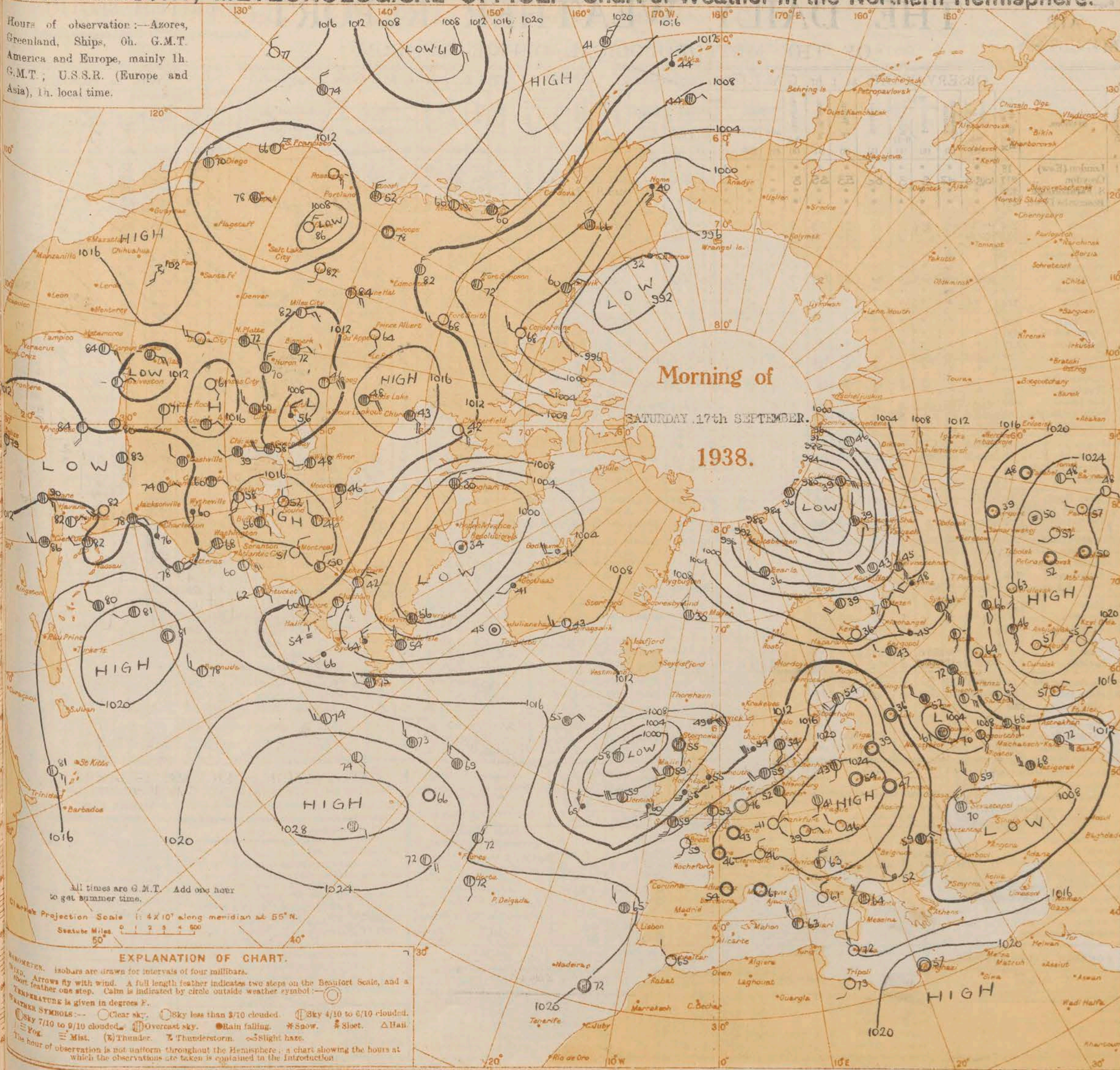
Saturday 17th September 1938.

No. 28058

Distance.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 16th September														OBSERVATIONS at 18h. G.M.T. 16th September														PAST 24 HOURS.							
		Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					Barom. m.b.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					State of Ground.	Sea.	WEATHER.							
				Dir.	Force					Low	Med.	High	Low 9-10	Total 6-10			Height of Base (feet)	Low					Med.	High	Low 9-10	Total 6-10	Height of Base (feet)			Form.	Amount	Total	Height of Base (feet)	7h.-13h. 16th	13h.-18h. 16th	18h. 16th to 1h. 17th	1h.-7h. 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)		
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	
1	London (Kew)	1022.2	-20	S	3	c	65	45	8	7	7	1	4-6	7-8	4000	1019.6	-14	SE	3	c	60	65	7	5	3	6	4-6	5	4000	0	*	cm, wbc	cyc	cbw	bncm		
	Croydon	1022.4	-18	SW	4	c	65	45	8	2	5	5	7-8	7-8	4000	1021.0	-12	SW	2	c	60	65	8	1	4	4	7	3	5700	0	*	cbcy	cyc	bcbz, bw	bcbw		
	S. Farnborough	1022.0	-18	S	3	c	64	45	7	7	6	6	4-6	5	4000	1019.5	-12	SW	3	c	55	65	7	5	3	2	0	3+	2500	0	*	bcm, cy	cyc	cb	bcm, wbc		
	Boscombe Down	1021.7	-16	SW	3	c	61	55	8	7	3	2	4-6	5	2500	1019.3	-18	S	3	c	57	65	7	5	3	1	7-8	2500	0	*	ccy	cybc	cb	bcbcm			
	Calshot (Stmntn.)	1022.6	-18	SW	3	c	65	55	8	2	3	8	4-6	7-8	4000	1020.6	-14	SE	3	c	61	75	8	5	3	8	0	7-8	4000	0	2	bcm, bcy	bcyc	bcc	bcbwm		
	Lymington	1024.1	-12	SE	3	bc	62	55	8	1	4	1	2-3	4000	1021.8	-14	SW	3	bc	55	65	8	5	4	0	4-6	4000	0	2	bcb	bcy	bcbw	bwb				
	Manston	1023.6	-14	SW	3	bc	63	45	8	1	5	2	1	4-6	4000	1021.5	-12	S	2	c	56	65	8	5	3	6	0	7-8	4000	0	*	bvbcy	bcy	bcb	bcbw		
2	Shoeburyness	1023.1	-18	S	3	c	63	45	8	1	3	6	7-8	7-8	7200	1020.5	-14	S	3	c	60	65	8	5	3	6	0	7-8	2500	0	*	bcb	bcb	cbc	bcbw		
	Felixstowe	1023.2	-14	SE	4	c	63	45	8	1	3	6	1	7-8	4000	1020.2	-20	SE	4	c	60	65	8	5	3	6	7	7-8	2500	0	3	bcb	bcb	bcb	bcb		
	Gorleston	1022.4	-18	SW	5	c	62	55	7	5	3	6	4-6	7-8	2500	1019.8	-10	SW	4	c	61	65	6	5	3	6	2-3	7-8	2500	0	3	bcb	bcb	bcb	bcb		
	Mildenhall	1021.5	-22	SW	4	Z	65	55	6	7	3	6	2-3	3	4000	1018.9	-14	SW	3	c	60	55	7	5	3	6	0	3	2500	0	*	bcb	bcb	bcb	bcb		
	Cranwell	1020.4	-18	SW	5	c	61	55	8	1	3	6	Tr	3	2500	1017.9	-10	SW	2	c	58	65	8	5	3	8	4-6	3+	5700	0	*	bcm, cy	cyc	cbc	bcm, cy		
3	Birmingham	1020.6	-12	SW	4	c	58	55	8	5	7	2	2-3	7-8	2500	1017.5	-14	SW	3	c	58	65	8	5	3	6	0	7-8	2500	0	*	cbcc	cbcc	cbc	q.c		
	Upper Heyford	1021.7	-16	SW	4	c	63	45	7	7	3	8	2-3	3	2500	1018.8	-18	SW	3	c	60	65	8	5	3	6	2-3	3	2500	0	*	cz, ccy	cy	bcbcm	bcm, cm		
4	Ross-on-Wye	1020.6	-12	S	4	c	60	45	7	1	3	8	2-3	3+	2500	1017.5	-14	SW	3	bc	58	75	8	5	4	2	7	4-6	4000	0	*	cm, bcz	cbc	bcb	bcc		
5	Hartland Point	1020.0	-14	W	4	c	58	75	8	2	3	1	2-3	7-8	1500	1017.3	-6	SW	4	c	53	65	8	2	4	3	2-3	7-8	1500	0	3	c	cbcc	bcc	c		
	Bristol	1021.8	-10	SW	4	c	61	65	8	4	7	8	4-6	3+	2500	1018.8	-12	S	3	c	53	75	8	1	3	8	7	7-8	2500	0	*	bcm, c	bcc	cbccw	bccw		
	Portland Bill	1021.7	-8	S	3	c	63	85	8	2	4	6	4-6	7-8	2500	1019.4	-18	S	3	c	60	85	8	4	3	6	4-6	7-8	2500	0	2	c	bcc	c	c		
	Plymouth	1021.1	-14	SE	4	c	53	75	8	3	7	1	2-3	3+	2500	1018.9	-10	SW	4	c	58	85	7	5	3	6	4-6	3+	1500	0	2	bcc	cbcc	cbcc	c		
	The Lizard	1021.0	-8	SW	3	c	62	75	8	8	6	6	4-6	7-8	1500	1018.7	-6	S	3	bc	57	85	8	5	4	2-3	4-6	2500	0	1	bcc	cbcc	bcc	c			
	Scilly (St. Mary's)	1019.9	-14	SW	4	c	62	65	7	5	4	3	2-3	7-8	2500	1018.0	-2	SW	4	c	58	85	7	5	3	6	4-6	3+	1500	0	2	cbcc	cbcc	coc	bccw		
	Guernsey	1022.0	-10	SE	1	b	65	65	8	1	1	0	1	0	1	1019.3	-12	SE	1	bc	61	75	8	5	3	6	0	4-6	4000	0	2	bcc	bcc	bcbw	bwb		
6	Pembroke	1019.7	-10	SW	6	cq	53	85	7	8	6	6	4-6	3+	2500	1017.3	-10	SW	5	cq	57	92	7	5	2	6	7-8	3+	2500	0	4	cq	cq	cq	crrmgo		
7	Holyhead	1016.8	-12	SW	5	c	58	85	8	6	2	6	7-8	10	1500	1013.8	-8	SW	5	ra	57	92	7	6	2	6	1	10	800	1	3	c	crrm	crrm	crrm		
	Chester (Sealand)	1016.3	-22	S	3	c	62	55	7	5	7	6	4-6	3	5700	1015.6	-14	S	1	c	60	65	7	5	7	6	7-8	3	4000	0	*	crrm	cy	c	crrm		
8	Manchester	1016.6	-20	SW	4	c	60	55	7	5	7	6	2-3	3+	4000	1016.0	-10	SW	3	c	53	65	7	5	7	6	0	3+	4000	0	1	crrm	cy	c	crrm		
10	Spurn Head	1020.1	-16	SW	3	c	60	65	6	5	6	8	7-8	10	4000	1016.8	-22	SW	3	c	53	75	6	5	7	6	7-8	3	2500	0	2	c	crrm	c	crrm		
	Catterick	1016.1	-14	S	2	rr	52	32	5	6	2	6	4-6	10	1500	1014.0	-18	SW	4	Z	57	85	6	5	2	6	4-6	10	1500	1	1	crrm	crrm	crrm	crrm		
	Tynemouth	1016.7	-18	SW	3	ig	53	70	5	6	6	6	10	10	800	1012.8	-12	S	3	q/r	55	85	5	5	2	6	10	10	1500	1	1	crrm	crrm	crrm	crrm		
11	St. Abbs Head	1011.8	-30	SW	7	rr	51	85	7	3	2	6	7-8	10	1500	1008.2	-12	SW	7	c/r	55	92	7	3	2	6	7-8	10	1500	1	4	crrm	crrm	crrm	crrm		
	Leuchars	1012.1	-26	SW	3	qd	55	32	7	5	2	6	3	10	1500	1008.5	-18	SW	4	c/r	56	32	7	6	2	6	3	10	1500	1	*	crrm	crrm	crrm	crrm		
12	Renfrew (Abbots I.)	1010.8	-28	SW	4	rr	56	32	5	6	2	6	7-8	10	1500	1008.2	-14	SW	4	rr	58	32	6	6	2	6	4-6	10	800	1	*	crrm	crrm	crrm	crrm		
	Eskdalemuir	1014.7	-14	SW	5	rr	50	32	6	2	2	6	10	10	800	1012.1	-12	SW	6	o	54	37	6	5	2	6	10	10	220	1	*	crrm	crrm	crrm	crrm		
	Point of Ayre	1014.5	-14	SW	6	c	57	32	7	8	1	6	7-8	10	800	1011.5	-16	SW	6	c	58	37	7	8	2	6	7-8	10	800	1	3	crrm	crrm	crrm	crrm		
13a	Tiree	1006.3	-12	SW	5	rr	57	37	6	2	2	6	10	10	1500	1004.1	-8	SW	4	dr	58	37	6	5	2	6	10	10	450	1	4	crrm	crrm	crrm	crrm		
13b	Stornoway	1005.5	-30	S	5	rr	55	37	6	5	2	6	3	10	1500	1003.8	-12	SW	1	rr	58	37	6	5	2	6	3	10	1500	1	2	crrm	crrm	crrm	crrm		
15	Dalwhinnie	1005.5	-22	S	3	rr	52	32	7	5	2	6	7-8	10	1500	1007.1	-12	S	3	rr	54	37	6	6	2	6	4-6	10	1500	1	*	crrm	crrm	crrm			

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.



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

Chart's Projection Scale 1: 4x10⁴ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

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.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 17th September, 1938

No. 28058

OBSERVATIONS at 1 hr. G.M.T. 17th September														OBSERVATIONS at 7 hr. G.M.T. 17th September														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visib. in miles.	Cloud.				Height of Base (feet).	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visib. in miles.	Cloud.				Height of Base (feet).	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine Hrs.			
					Dir.	Force				Form.	Amount.	Dir.	Force				Form.	Amount.				Form.	Amount.	Form.	Amount.				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
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1015.8	-12	S	2	z	55	85	6	-	3	8	0	9	-	0	*	65	49	38	-	-	5.7		
	Croydon	217	1018.5	-12	S	3	bc	53	85	8	-	5	0	1016.5	-6	SW	2	c	54	85	7	-	9	9	0	7.8	-	0	*	65	50	48	-	-	7.7		
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1015.9	-2	SW	2	c	54	92	7	-	3	9	0	9	-	0	*	65	50	43	-	-	6.2		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1015.4	-6	SW	3	z	53	97	6	5	4	-	2.3	4.6	2500	0	*	64	47	45	-	-	6.7		
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1016.7	-2	SSW	2	c	59	85	7	-	3	4	0	7.8	-	0	2	66	57	54	-	-	8.5		
	Lympe	340	1019.7	-12	SE	2	b	54	75	8	-	-	0	1017.9	-6	SSW	2	bc	55	85	7	-	4	0	2.3	-	0	2	62	53	55	-	-	10.3			
	Manston	142	1019.1	-14	SE	2	b	51	75	8	-	-	0	1017.5	-2	S	2	bc	54	85	7	-	7	6	0	4.6	-	0	*	63	50	45	-	-	10.8		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1016.8	-6	S	3	bc	57	85	7	-	3	8	0	4.6	-	0	*	66	52	43	-	-	9.0		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1016.6	-6	SW	4	c	60	75	7	-	3	6	0	7.8	-	0	3	64	57	52	-	-	5.4		
	Gorleston	5	1018.4	-6	SW	3	bc	52	85	7	-	8	0	1016.2	-6	SW	3	c	56	85	7	-	5	-	0	7.8	-	0	2	64	52	50	-	-	5.2		
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1015.3	-6	SE	3	z	53	85	6	5	7	8	4.6	3+	4000	0	*	66	50	43	-	-	5.7		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1013.1	-6	SW	3	c	52	92	7	5	7	-	4.6	3+	4000	0	*	63	52	43	-	-	3.1		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1013.2	-6	SSW	3	c	53	92	7	6	2	-	2.3	10	800	0	*	61	51	48	-	-	2.6		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1015.1	-10	SW	3	z	54	92	6	7	3	-	7.8	10	1500	0	*	64	49	42	-	-	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1013.2	-12	SW	3	c	56	85	7	1	2	-	1	10	1500	0	*	65	53	45	-	-	3.7		
5	Hartland Point	299	1014.4	-38	WSW	5	c	56	85	8	5	4	-	1011.8	-6	SW	5	c	58	85	8	5	2	-	7.8	3+	1500	0	3	62	53	51	-	-	6.0		
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1014.3	-6	S	2	c	57	85	8	5	7	-	7.8	10	1500	0	*	64	54	46	-	-	4.5		
	Portland Bill	32	1017.4	-16	S	3	c	60	92	8	5	4	-	1015.2	-8	S	3	c	60	92	7	5	4	-	4.6	7.8	2500	0	3	64	56	*	-	-	*		
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1014.4	-4	SW	5	z	58	92	6	5	7	8	9	1500	0	3	62	56	54	-	-	4.7			
	The Lizard	240	1016.1	-16	SW	4	bc	57	97	7	8	-	-	1013.6	-6	SW	5	c	58	97	8	8	4	-	7.8	3+	2500	0	3	63	56	*	-	-	8.5		
	Scilly (St. Mary's)	163	1014.6	-18	SSW	5	c	59	85	6	5	-	-	1011.5	-10	SSW	5	c	59	75	5	2	-	4.6	3+	1500	0	3	63	58	*	-	-	5.4			
	Guernsey	175	1018.1	-8	WSW	1	b	58	97	8	-	-	0	1016.4	-6	SSW	1	bc	57	85	8	-	1	8	0	4.6	-	0	1	66	51	42	-	-	11.6		
6	Pembroke	142	1013.4	-14	SW	6	cq	59	92	7	5	2	-	1009.7	-12	SSW	7	rr	59	92	6	5	-	-	10	800	1	4	59	57	*	-	-	0.6			
7	Holyhead	26	1010.3	-18	SSW	5	rr	58	92	5	6	2	-	1006.6	-14	SW	5	dr	58	92	6	6	2	-	9	10	450	1	3	59	56	54	0.4	9	0.0		
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1009.8	-10	SE	4	z	56	85	6	5	2	-	4.6	10	4000	0	*	64	55	52	Tr	-	1.1		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1010.2	-20	SE	4	c	55	85	7	5	7	-	2.3	10	2500	1	*	63	54	52	Tr	-	0.4		
10	Spurn Head	29	1014.6	-10	SSW	4	c	55	85	7	5	7	-	1011.7	-24	SSW	4	c	54	85	7	5	1	-	4.6	10	2500	0	3	65	52	*	-	-	2.3		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1008.7	-14	SE	2	c	54	85	7	5	7	-	9	10	1500	1	*	57	54	52	2	0.3	0.2		
	Tynemouth	108	1010.3	-12	S	2	rr	55	85	6	-	2	-	1007.5	-6	SSW	3	rr	55	85	6	-	2	-	10	10	1500	1	1	55	53	51	0.5	4	0.0		
11	St. Abbs Head	280	1006.8	-4	SW	7	ir	58	85	8	3	2	-	1004.2	-6	SSW	6	rr	56	92	7	9	2	-	7.8	10	1500	1	4	55	55	*	4	1	*		
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1003.3	-14	SW	2	c/r	57	92	7	5	7	-	7.8	9+	800	1	*	57	56	55	7	1	0.0		
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1003.6	-8	SSW	3	rr	59	92	6	6	2	-	7.8	10	800	1	*	58	57	56	11	8	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1004.3	-12	SSW	6	rr	56	97	4	6	-	-	10	10	450	2	*	54	53	53	7	33	0.0		
	Point of Ayre	30	1008.9	-12	SW	5	rr	58	97	7	5	2	-	1004.9	-14	SW	5	ir	58	92	7	8	2	-	7.8	10	800	1	3	59	57	*	2	5	0.0		
13	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	999.3	-16	S	4	ir	57	97	6	-	2	-	10	10	450	1	3	59	56	55	9	6	0.0		
14	Stornoway	80	1003.6	-2	-	0	c	55	97	7	5	7	-	1001.7	-6	SE	1	f	55	97	2	-	-	-	10	10	<150	1	0	59	54	*	22	1	0.0		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1002.3	-10	SW	4	c	58	85	8	6	7	-	2.3	3+	800	1	1	55	55	54	11	0.3	0.0		
	Wick	81	1002.2	-10	SSE	2	rr	55	97	7	5	2	-	1000.6	-6	N	1	dd	54	97	4	5	-	-	10	10	<150	1	1	54	53	*	10	5	*		
16	Lerwick	156	1005.5	-12	ENE	6	rr	49	85	8	8	1	-	1003.4	-8	E	6	dr	49	85	7	9	2	-	4.6	10	450	1	*	54	53	*	-	-	5.0		
17	Blacksod Point	18	1001.8	-22	S	5	Dr	59	97	7	6	-	-	999.4	-16	W	4	c	58	97	8	5	-	-	9+	9+	450	1	3	61	57	*	17	10	*		
18	Malin Head	84	1003.5	-16	SW	4	c	59	97	7	8	-	-	999.5	-26	S	4	c	59	92	7	5	6	-	4.6	9	1500	1	2	62	57	*	2	5	0.0		
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1002.3	-12	SW	3	ir	58	97	8	6	2	-	9	10	800	1	*	61	52	51	3	2	0.0		
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	1003.3	-4	SSW	2	c/r	59	97	8	6	7	-	4.6	9	1500	1	*	63	58	56	1	4	0.0		
20	Valentia Obay.	30	1005.1																																		

THE DAILY WEATHER REPORT

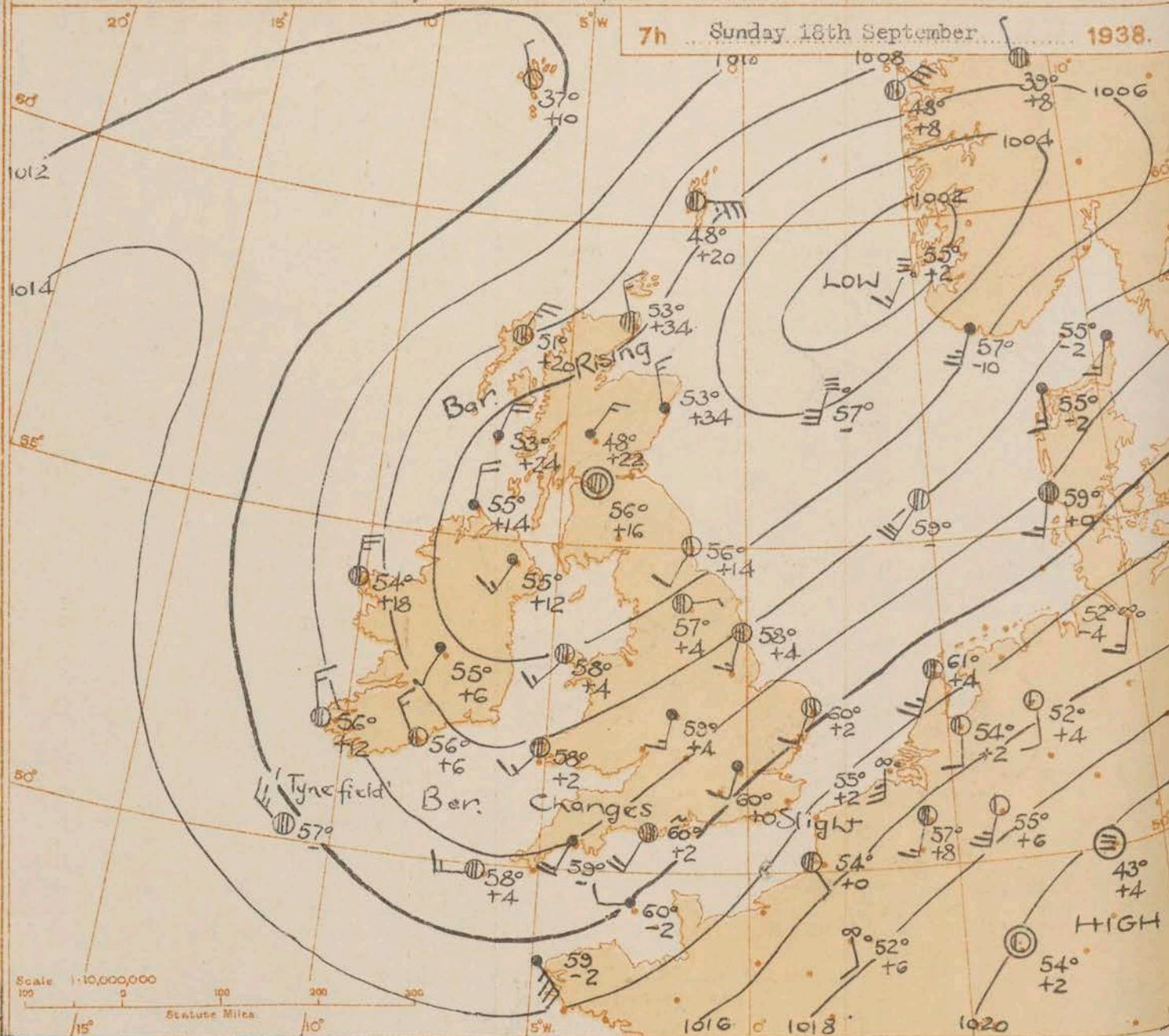
OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 17th September														OBSERVATIONS at 18h. G.M.T. 17th September														PAST 24 HOURS.									
		Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	% Humid.	Visibility	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	% Humid.	Visibility	Cloud.				State of Ground.	Sea.	WEATHER.											
				Direc.	Force					Low	Med.	High	Low			Total	Height of Base (feet)					Low	Med.	High	Low			Total	Height of Base (feet)	Low	Med.	High	Low	Total	Height of Base (feet)	7h.—13h. 17th.	13h.—18h. 17th.	18h.—19h. 18th.	19h.—7h. 18th.
(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	-18	SW	4	c	68	45	8	1	7	1	Tr	3	2500	1013.0	0	SW	3	c	62	75	8	1	7	3	2-3	75	2500	0	*	cmbrgy	cyc	cir.	c				
	Croydon	1013.5	-22	SW	5	c	68	45	8	4	7	6	Tr	3+	4000	1013.3	0	SW	3	c	61	65	8	5	8	9	4-6	3	1500	0	*	c	cyc	cir.	c				
	S. Farnborough	1013.8	-14	SW	5	c	68	46	7	1	3	2	1	3	4000	1012.5	-2	SW	4	c	61	75	7	5	3	-	3	3+	4000	0	*	cmbrgy	cyc	cir.	c				
	Boscombe Down	1013.5	-10	SW	4	c	63	75	8	5	3	8	3	3+	4000	1012.6	-2	SW	5	ig	58	32	7	5	-	-	10	10	1500	0	*	bc	cir	cir.	c				
	Calshot (Stmnt.)	1015.4	-8	SW	5	bc	66	65	8	1	5	8	Tr	2-3	4000	1013.5	-6	SW	6	do do	62	85	6	6	-	-	3+	3+	1500	1	3	bc	bc	bc	c				
	Lympe	1016.2	-12	SW	4	bc	65	58	8	-	3	2	0	4-6	-	1015.2	-2	SW	4	bc	58	75	8	-	3	1	0	4-6	-	0	2	bc	bc	bc	c				
	Manston	1015.2	-14	SW	5	c	67	45	8	-	3	6	0	3	-	1014.1	-2	SW	4	bc	60	65	7	-	3	3	0	4-6	-	0	*	bc	bc	bc	c				
2	Shoeburyness	1014.5	-20	SW	4	c	67	55	8	-	3	8	0	3+	-	1013.7	-2	SW	4	c	62	75	8	-	3	1	0	3	-	0	*	bc	bc	bc	c				
	Felixstowe	1014.5	-18	SW	4	c	66	65	8	1	7	6	Tr	7-8	4000	1012.8	-4	SW	4	c	63	65	7	5	7	6	1	3	2500	0	4	bc	bc	bc	c				
	Gorleston	1013.5	-10	S	5	c	66	55	6	7	7	-	4-6	3	2500	1011.2	-6	SW	5	c	63	75	6	-	7	-	0	3+	-	0	3	cy	cy	bc	c				
	Mildenhall	1012.5	-18	SW	5	z	67	55	6	1	7	-	Tr	10	4000	1010.6	-6	SW	5	c	65	55	7	5	7	-	2-3	3+	7200	0	*	bc	bc	bc	c				
	Cranwell	1010.6	-16	SW	5	c	61	75	8	7	7	-	2-3	10	2500	1009.3	-4	SW	4	gd	60	75	8	5	7	-	4-6	10	4000	0	*	cmbrgy	cir	c	c				
3	Birmingham	1010.8	-10	SW	4	c	60	75	8	5	-	-	10	10	2500	1009.6	-4	SW	3	0	58	85	8	5	-	-	10	10	1500	0	*	c	cir	cir	c				
	Upper Heyford	1012.4	-18	SW	4	c	64	55	8	7	7	-	4-6	3	4000	1011.3	-6	SW	4	c	61	75	8	5	2	-	3+	10	1500	0	*	cmbrgy	cir	cir	c				
4	Ross-on-Wye	1011.0	-14	SW	4	c	61	75	7	5	7	-	3+	10	2500	1009.6	-6	SW	4	do	58	85	8	5	-	-	10	10	800	1	*	c	cir	cir	c				
5	Hartland Point	1009.7	-16	SW	5	bc	55	37	6	2	-	-	3+	10	800	1008.7	0	SW	5	c	61	37	7	5	2	-	3	10	800	1	4	bc	bc	bc	c				
	Bristol	1012.2	-14	SW	4	c	62	75	8	5	2	-	4-6	3+	1500	1011.1	-4	SW	4	c	59	32	7	6	2	-	3	10	800	1	*	c	cir	cir	c				
	Portland Bill	1014.3	-4	SW	4	c	62	32	7	5	4	-	4-6	3	2500	1012.3	-10	SW	5	r	59	32	7	6	-	-	10	10	1500	1	4	c	cir	cir	c				
	Plymouth	1012.5	-14	SW	5	bc	55	32	5	-	2	-	10	10	800	1011.4	-2	SW	6	ig	59	37	7	5	-	-	10	10	220	1	3	cmbrgy	cir	cir	c				
	The Lizard	1012.1	-4	SW	5	bc	55	32	1	5	-	-	10	10	800	1011.6	-2	SW	5	off	59	37	7	5	-	-	10	10	800	1	3	cmbrgy	cir	cir	c				
	Scilly (St. Mary's)	1011.5	-2	SW	4	cd	61	37	6	5	-	-	10	10	1500	1010.6	+4	SW	4	c	61	32	8	8	6	-	4-6	7-8	1500	0	5	cmbrgy	cir	cir	c				
	Guernsey	1015.5	-6	SW	2	bc	66	65	8	-	7	8	0	2-3	-	1014.3	-4	SW	1	c	63	85	7	5	3	-	4-6	10	4000	0	2	bc	bc	bc	c				
6	Pembroke	1008.6	-4	SW	6	cq	55	32	6	5	2	-	7-8	10	1500	1008.0	-10	SW	6	cq	53	37	7	8	-	-	3	5	1500	1	3	cmbrgy	cir	cir	c				
7	Holyhead	1004.5	-12	SW	5	do do	59	37	6	5	-	-	10	10	450	1003.5	0	SW	5	c	59	32	7	5	-	-	3+	3+	800	1	3	cmbrgy	cir	cir	c				
	Chester (Sealand)	1007.6	-12	SE	3	c	62	75	7	5	2	-	3	10	2500	1006.1	-6	SE	2	z	62	85	6	5	3	2	4-6	3+	1500	0	*	cm	cir	cir	c				
8	Manchester	1008.3	-14	S	4	c	60	85	7	5	2	-	7-8	10	4000	1006.2	-18	SW	5	z	61	85	6	5	7	-	7-8	10	2500	1	*	cmbrgy	cir	cir	c				
10	Spurn Head	1008.5	-20	SW	5	c	63	75	6	5	1	-	4-6	10	2500	1008.1	-4	SW	4	c	61	75	6	5	1	-	4-6	3+	2500	0	3	ig	cir	cir	c				
	Catterick	1006.6	-16	SW	4	c	60	75	7	6	7	-	7-8	3+	1500	1004.5	-2	SW	4	z	60	85	6	6	3	3	7-8	3	800	1	*	cmbrgy	cir	cir	c				
	Tynemouth	1005.5	-10	SW	4	c	60	85	6	8	-	-	3+	3+	1500	1004.2	-6	S	3	c	61	75	6	8	-	-	3+	3+	1500	1	2	ig	cir	cir	c				
11	St. Abbs Head	1002.7	0	SW	3	c/r	61	85	5	3	2	-	7-8	10	1500	1001.3	-2	SW	4	c/r	61	85	8	3	6	-	4-6	3	1500	1	3	ig	cir	cir	c				
	Leuchars	1001.8	-14	SW	3	ig	62	85	7	5	7	-	7-8	3+	800	1000.8	-6	SW	2	c	61	32	8	8	3	-	7-8	7-8	1500	1	*	ig	cir	cir	c				
12	Benfrew (Abbots L.)	1001.5	-6	SW	3	ig	63	85	6	6	7	-	7-8	3+	800	1000.2	-10	SW	2	c/pr	61	32	7	5	7	-	4-6	3	800	1	*	ig	cir	cir	c				
	Eekdalemuir	1002.7	-10	SW	5	dd	57	37	4	-	2	-	10	10	1500	1001.1	-4	SW	5	ig	57	37	6	-	2	-	10	10	1500	2	*	ig	cir	cir	c				
	Point of Ayre	1003.2	-14	SW	6	c	63	32	7	8	7	-	7-8	3+	800	1002.1	-2	SW	4	c	60	37	8	8	7	-	4-6	3	1500	1	3	ig	cir	cir	c				
13a	Tiree	1000.1	-6	SW	3	ir	58	37	6	-	2	-	3+	10	450	1000.3	+8	WNW	3	dr	58	37	7	6	-	-	10	10	450	1	2	ig	cir	cir	c				
13b	Stornoway	1000.4	-10	ENE	3	rr	56	37	6	5	2	-	3	10	1500	1000.1	+4	ENE	6	RR	45	37	5	5	2	-	3	10	1500	1	3	ig	cir	cir	c				
15	Dalwhinnie	1000.4	-14	SW	2	c	58	37	8	7	8	2	-	7-8	10	2500	*	0	S	2	c	56	32	7	8	6	1	7-8	3+	2500	1	*	ig	cir	cir	c			
	Aberdeen	1001.4	-10	SW	2	rr	57	37	6	8	2	-	7-8	10	450	1000.6	-6	SW	3	ir	58	37	6	5	7	-	7-8	3+	800	1	1	ig	cir	cir	c				
	Wick	1000.5	-4	SE	2	c/f	56	37	7	5	2	-	7-8	3+	800																								

REPORTS from HEALTH RESORTS for 17th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. 16th to 9h. 17th.	Max. 9h. 17th to 9h. 18th.	Night. 9h. 17th to 9h. 18th.	Day. 9h. 17th to 9h. 18th.	Sunrise to 17h. 17th.	Sunset to 16th. 17th.
1	Tunbridge W.	b	b	50	68	-	-	10.1	3.0
	Bournemouth	cbc	ood	54	65	-	Trace	2.3	3.4
	Ventnor	bbe	bco	55	66	-	-	5.1	3.5
	Southsea	bbe	bcc	57	70	-	-	8.6	8.3
	Bognor Regis	b	bbe	60	65	-	-	3.5	10.3
	Littlehampton	bc	bc	60	66	-	-	3.7	10.4
	Worthing	b	b	60	66	-	-	3.7	3.7
	Brighton	b	bbe	60	65	-	-	3.5	10.2
	Eastbourne	b	b	51	67	-	-	10.1	11.0
	Hastings	b	bcb	58	67	-	-	10.2	10.6
2	Folkestone	b	bbe	56	67	-	-	3.8	10.1
	Dover	bc	bc	53	66	-	-	10.1	10.3
	Deal	b	bcb	55	67	-	-	3.3	11.0
	Ramsgate	bc	bc	56	66	-	-	3.1	10.7
	Margate	bc	bc	54	63	-	-	3.3	10.8
	Southend	bcc	cbbe	53	72	-	-	7.1	7.5
	Clacton-on-Sea	bc	bc	58	67	-	-	5.3	6.2
	Dovercourt	bc	bc	56	68	-	-	5.6	5.4
	Lowestoft	bbe	cbcc	52	66	-	-	3.7	7.3
	Skegness	ocbco	oco	51	64	-	-	0.0	2.8
3	Mablethorpe	obc	o	43	66	-	-	0.4	3.4
	Cleethorpes	cbcc	c	60	64	Trace	Trace	0.0	1.5
	Leamington S.	o	or	51	64	-	0.3	0.0	2.2
	Cheltenham	oco	opco	53	64	-	Trace	0.0	3.1
	Bath	c	cir	53	64	-	Trace	0.0	4.8
	Weymouth	c	bcr	57	65	-	0.2	2.5	5.3
	Jersey	b	bc	51	68	-	-	10.1	11.0
	Torquay	wco	odppp	54	64	-	0.6	0.0	6.0
	Falmouth	ogmr	ogr	54	61	Trace	0.6	0.0	6.0
	Penzance	oido	oid	57	63	Trace	0.5	0.0	6.6
4	St. Ives	o	o	51	62	Trace	1	0.0	6.2
	Bude	o	odrb	51	63	-	0.6	0.0	5.9
	Ilfracombe	bcco	corr	54	63	-	4	0.0	7.4
	Aberystwyth	cor	r	55	62	1	28	0.0	3.6
	Llandudno	c	c	56	65	-	-	0.3	0.1
	Colwyn Bay	cdoc	cbc	56	65	-	Trace	1.5	0.0
	Rhyl	c	crabc	56	64	0.3	Trace	0.2	2.2
	Wallasey	o	opc	51	64	3	0.3	0.2	0.3
	Southport	orb	o	48	63	4	Trace	0.2	0.0
	Blackpool	omo	omops	50	64	7	Trace	0.0	0.0
5	Morecambe	c	cirer	51	62	5	1	0.0	0.0
	Ilkley	o	oido	50	61	-	Trace	0.0	0.3
	Harrogate	c	cpo	43	60	-	Trace	0.0	0.3
	Berwick-on-T.	oc	oidoc	51	63	1	0.2	0.2	0.0
	Dunbar	bcpis	cpis	50	67	1	0.3	4.4	0.0
	Troon	crrco	rropo	54	61	10	8	0.7	0.0
	Douglas	crrco	cm	53	53	11	3	0.0	0.0
	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. 18th September, 1938.

1 S.E. England	Moderate southwest winds veering west and then northwest; cloudy, occasional rain or drizzle at first; brighter intervals and showers later; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	Moderate southwest winds veering west and then northwest; mainly cloudy; local showers; average temperature.
5 S.W. England	
6 South Wales	As 1-3
7 North Wales	As 4.
8 N.W. England	
9 N. Midlands	Light or moderate southwest winds, veering northwest or north; cloudy or dull with occasional rain at first, fairer intervals with showers later; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 A.W. Scotland	Moderate or fresh north winds; cloudy with rain at first; bright periods and showers later; rather cool.
14 B.N.W. Scotland	Fresh or strong northeast winds, moderating and backing north; bright intervals; showers; rather cool.
15 Mid Scotland	As 13A.
16 N.E. Scotland	Fresh or strong northeast winds, moderating and backing north; bright intervals; showers; rather cool.
17 Orkney and Shetland	
18 N.W. Ireland	As 13A.
19 N.E. Ireland	
20 S.W. Ireland	Moderate northerly winds, cloudy, local showers; brighter intervals later; average temperature to rather cool.

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

GENERAL INFERENCE.

A depression off Southern Norway is moving northeast. There will be occasional rain or drizzle in Southern England at first followed by showery conditions. Elsewhere weather will be cloudy with showers, but more continuous rain will spread later from the west to west and northwest districts. Temperature will be rather low in Scotland and about average elsewhere.

FURTHER OUTLOOK.

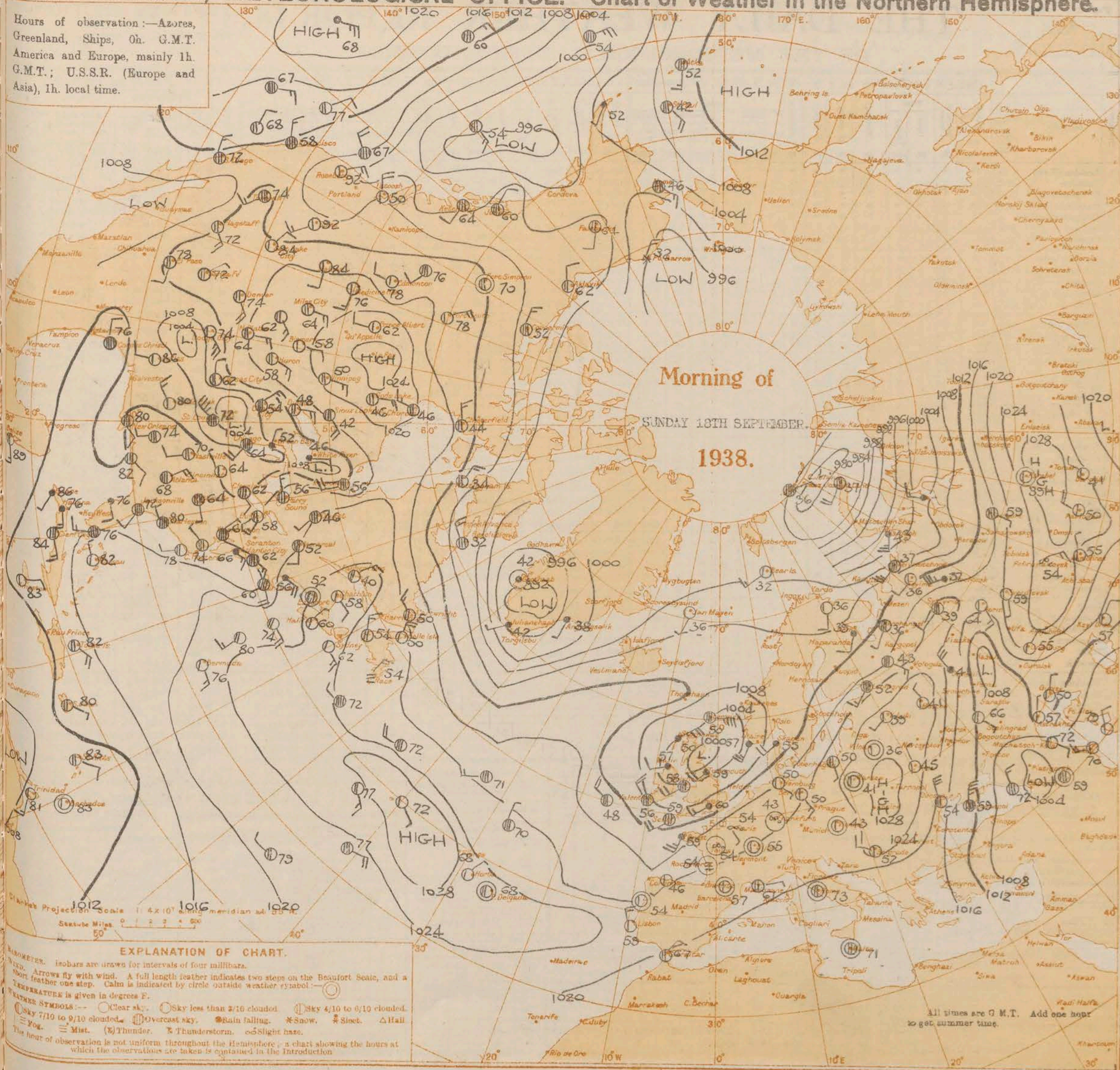
Rather unsettled in Eastern districts; renewed rain in West and Northwest districts after a fair interval.

Forecasts issued at 0930 G.M.T.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 18th September														OBSERVATIONS at 7 hr. G.M.T. 18th September														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. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. 0-9 (9)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 7h-18h. (38)		
					Dir. (3)	Force (4)					Low (10)	Med. (11)	High (12)	Low 0-10 (13)	Total 0-10 (14)			Base. (feet) (14)	Dir. (17)					Force (18)	Low (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1011.6	+2	SSW	3	c	61	92	8	5	-	-	9+	9+	800	1	*	69	60	58	-	Tr	5.1			
	Croydon	217	1012.5	-6	SW	3	id.	60	92	8	5	-	-	9+	800	1012.1	0	SSW	2	pr	60	92	7	3	-	3	7.8	9+	1500	1	*	70	59	58	-	Tr	5.4	
	S. Farborough	228	*	*	*	*	*	*	*	*	*	*	*	1011.1	+4	SW	2	c	60	92	8	5	-	-	10	10	1500	1	*	69	57	57	-	0.5	5.0			
	Boacombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1011.0	+2	SW	4	c	58	97	6	5	-	2	3+	9+	220	1	*	64	57	56	Tr	1	2.0			
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1012.9	+4	SWW	2	ir.	60	97	8	6	-	-	9+	9+	800	1	*	68	59	58	Tr	3	7.3			
	Lympe	348	1014.0	-10	SW	3	bc	57	92	8	-	7	6	0	+6	1013.7	+2	SW	4	c	58	97	6	5	-	10	10	450	0	3	65	56	52	-	-	10.5		
	Manston	142	1013.2	-4	SW	3	c	58	85	8	-	3	-	0	9	1012.7	+2	SW	3	c	60	85	7	5	-	-	9+	9+	2500	0	*	68	55	52	-	-	9.1	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1012.6	+2	SSW	3	c	61	85	8	5	-	-	9+	9+	1500	0	*	70	58	53	-	-	7.3			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1012.0	+2	SW	3	c	62	85	7	5	-	-	9+	9+	1500	0	3	68	59	56	-	-	5.3			
	Gorleston	5	1011.0	-4	SSW	3	ir.	59	85	6	6	-	-	10	10	1500	1011.1	+2	SSW	2	c	60	92	6	5	-	9	9	2500	1	2	68	58	56	-	0.1	2.4	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1010.2	+4	S	3	c	60	92	7	5	3	6	2.3	9	2500	1	*	67	55	56	-	0.3	0.7			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1009.0	+8	SSW	3	c	58	92	8	5	-	6	2.3	9+	2500	0	*	65	56	54	Tr	-	0.0			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1009.4	+4	SSW	2	c	55	97	7	6	7	7	2.3	9+	800	0	*	60	55	52	0.1	Tr	0.0			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1010.7	+4	SW	3	ir.	59	97	6	6	2	-	9+	10	450	1	*	64	57	56	Tr	0.3	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1009.2	0	SW	3	c	59	85	7	5	-	2	7.8	9+	1500	1	*	63	57	55	0.3	1	0.0			
5	Hartland Point	299	1008.6	-8	W	4	0	60	85	8	5	-	-	10	10	800	1009.0	+6	W	5	c	59	97	8	6	2	-	9	10	800	1	4	61	58	57	4	3	0.0
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1010.4	0	SSW	3	c	59	92	8	5	4	9	4.6	7.8	1500	1	*	64	58	55	1	2	0.2			
	Portland Bill	32	1011.4	-4	SW	5	c	60	92	8	5	-	-	10	10	2500	1011.4	+2	SW	4	0	60	92	8	5	-	10	10	2500	1	4	60	56	*	0.5	1	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1010.3	*	SW	4	id.	59	97	5	-	2	-	10	10	1500	1	2	59	58	58	0.6	2	0.0			
	The Lizard	240	1011.3	-2	SW	4	pr	59	97	6	5	-	-	10	10	1500	1010.6	0	SW	3	c	58	97	7	5	4	-	9	10	1500	1	1	60	58	*	0.5	6	0.0
	Scilly (St. Mary's)	163	1010.4	-6	SWW	4	c	59	97	8	8	6	-	4.6	7.8	1500	1010.2	+4	W	3	c	58	97	7	8	6	-	4.6	10	1500	1	2	63	57	*	1	Tr	0.6
	Guernsey	175	1013.5	-8	SW	2	0	60	97	7	5	-	-	10	10	2500	1012.3	-2	W	2	dd	60	97	6	5	6	6	10	10	1500	1	1	68	59	58	-	5	9.5
6	Pembroke	142	1008.1	0	SW	5	id.	59	97	7	8	-	-	5	9	2500	1008.6	+2	WSW	3	c	58	92	8	8	6	-	7.8	9+	2500	1	2	60	57	*	7	1	0.0
7	Holyhead	26	1005.1	+2	SWW	4	c	58	92	7	5	-	-	10	10	2500	1006.1	+4	WSW	3	c	58	92	8	5	2	-	7.8	9+	2500	1	2	62	57	57	0.4	-	0.4
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1007.5	+8	S	1	c	57	92	7	5	-	-	9+	9+	1500	1	*	65	55	49	0.2	0.3	0.0			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1007.1	+8	SSW	2	z.	57	92	6	5	7	-	7.8	9+	2500	1	*	62	56	52	3	0.1	0.1			
10	Spurn Head	29	1006.9	-4	SW	4	bc	59	92	7	5	6	-	4.6	4.6	2500	1008.2	+4	SW	3	c	58	92	6	5	-	8	4.6	9+	1500	1	2	64	56	*	0.1	Tr	0.3
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1006.1	+2	EN	1	c	57	92	8	6	3	9	7.8	9	1500	1	*	62	55	49	Tr	1	0.0			
	Tynemouth	108	1003.2	+2	SW	3	ir.	59	92	6	-	2	-	10	10	1500	1004.9	+4	SW	2	bc	56	85	6	8	-	-	4.6	4.6	1500	1	1	63	55	50	0.3	0.1	0.4
11	St. Abbs Head	280	1000.8	+6	SW	5	c	58	85	9	5	6	9	4.6	9	2500	1004.3	+4	WSW	2	c	57	85	9	3	2	-	4.6	9+	2500	0	3	61	56	*	0.4	1	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1004.3	+22	-	0	c	55	97	8	5	7	-	7.8	10	2500	1	*	65	53	45	11	1	0.9			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1004.1	+6	-	0	id.	56	97	6	5	-	-	10	10	800	1	*	63	56	53	8	2	0.5			
	Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1004.7	+6	SW	3	id.	58	97	6	6	-	-	10	10	220	1	*	57	54	53	16	3	0.0			
	Point of Ayre	30	1003.7	+6	WS	4	c	58	97	8	5	-	-	9	9	1500	1005.3	+4	WS	3	c	57	97	8	5	3	-	7.8	9+	1500	0	2	65	57	*	2	-	0.9
13A	Tree	22	*	*	*	*	*	*	*	*	*	*	*	1004.9	+24	NE	4	ir	53	97	6	-	2	-	10	10	450	1	3	59	53	52	6	4	0.0			
13B	Stornoway	80	1004.6	+22	NE	7	rr	50	92	6	5	-	-	10	10	800	1008.4	+20	NE	5	pr	51	75	8	5	7	-	7.8	9+	1500	1	3	57	49	*	27	7	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1005.0	+22	NE	3	ir	48	92	6	5	-	-	10	10	1500	1	*	61	48	47	3	5	0.5		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1005.0	+34	NNW	3	ir.	53	92	6	6	2	-	9	10	800	1	1	60	52	45	4	0.4	0.1			
	Wick	81	1001.8	+4	NNE	7	pr	52	92	7	5	2	-	9+	10	1500	1006.3	+6	NE	7	c	51	75	7	5	2	-	7.8	10	1500	1	3	58	50	*	2	0.1	*
16	Lerwick	156	1003.5	+6	E	7	c	50	75	8	6	2	-	7.8	10	800	1006.2	+20	E	7	c	48	75	7	5	4	-	4.6	7.8	800								

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 18th September.													OBSERVATIONS at 18h. G.M.T. 18th September.													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)	Dir.	Force			Low 0-10	Total 0-10	Height of Base (feet)	State of Ground.	Sea.	7h.—18h. 18th.	12h.—18h. 18th.	18h. to 1h. 12th.	1h.—7h. 12th.			
(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)	1010.3	-4	SSW	4	c	67	75	8	8	-	7-8	7-8	1500	1010.6	+4	SSW	3	c	64	85	8	8	7	6	4-6	7-8	2500	1	*	cpr	brddid	c	c	c	c	
	Croydon	1011.8	-4	SSW	3	c	65	85	8	3	4	-	9	3+	1500	1011.1	-2	SSW	4	c	62	85	8	8	8	3	4-6	7-8	2500	1	*	cpr	brddid	c	c	c	c
	S. Farnborough	1010.3	-6	SSW	4	c	63	65	8	8	3	-	4-6	7-8	2500	1010.4	-2	SSW	2	cpr	62	85	7	8	6	2	7-8	3+	2500	0	*	c	cpr	c	c	c	c
	Boscombe Down	1010.6	-8	SSW	3	c	62	85	8	5	-	10	10	1500	1009.3	-2	SSW	3	c	60	85	8	8	-	2	3+	3+	1500	0	*	c	cpr	c	c	c	c	
	Calshot (Station)	1012.6	-4	SSW	4	c	63	85	8	6	-	3+	3+	1500	1011.7	-4	SSW	3	c	62	85	8	6	-	3+	3+	1500	1	2	c	cpr	c	c	c	c		
	Lymington	1013.8	-6	SSW	4	c	59	87	3	-	-	10	10	1500	1013.0	0	SSW	3	c	60	87	6	5	2	-	3	10	800	1	2	c	cpr	c	c	c		
	Manston	1012.7	-6	SSW	4	c	61	82	6	6	2	-	7-8	10	800	1011.7	-4	SSW	3	c	61	85	7	8	6	4-6	7-8	1500	1	*	c	cpr	c	c	c	c	
2	Shoeburyness	1012.5	-4	SSW	4	id	63	82	8	5	-	10	10	1500	1011.5	-4	SSW	3	c	63	85	8	5	7	2	2-3	7-8	2500	0	*	c	c	c	c	c	c	
	Felixstowe	1012.1	-2	SE	4	c	64	85	7	5	-	10	10	1500	1011.2	-2	S	3	c	62	85	7	8	4	6	2-3	4-6	2500	0	3	c	c	c	c	c	c	
	Gorleston	1011.1	0	SSW	4	cpr	66	75	6	8	-	3+	3+	2500	1010.7	-2	SSW	4	c	63	85	6	8	-	7-8	7-8	2500	1	3	c	c	c	c	c	c		
	Mildenhall	1010.4	-2	SSW	3	c	67	75	8	7	3	-	3+	3+	2500	1009.6	+6	S	3	c	63	85	7	5	3	-	7-8	10	1500	1	*	c	c	c	c	c	
	Cranwell	1009.3	-2	SSW	3	c	66	75	8	8	7	6	4-6	3+	1500	1008.8	+2	-	0	c	61	82	8	5	1	-	7-8	3+	4000	1	*	c	c	c	c	c	
3	Birmingham	1009.3	-2	SSW	2	c	62	85	8	3	7	-	7-8	3+	2500	1009.0	0	SSW	1	c	60	85	6	3	7	3	4-6	3	2500	0	*	c	c	c	c	c	
	Upper Heyford	1010.2	-4	SSW	3	pr	65	75	3	8	6	-	3	3+	1500	1009.3	+2	SSW	1	c	61	82	3	3	7	-	3	3+	1500	1	*	c	c	c	c	c	
4	Ross-on-Wye	1009.1	-6	SSW	3	cu	64	75	8	3	7	3	4-6	3+	2500	1008.8	-6	SSW	3	c	61	85	7	8	-	3	4-6	7-8	4000	1	*	c	c	c	c	c	
5	Hartland Point	1009.2	-4	W	3	q/d	59	87	8	6	4	-	7-8	3	450	1009.4	+2	NW	4	ir	59	82	8	6	7	-	7-8	3	800	1	2	c	c	c	c	c	
	Bristol	1009.6	-10	WSW	3	PR	63	85	6	3	-	3+	3+	800	1009.5	-2	-	0	c	58	82	7	8	-	1	7-8	3	1500	1	4	c	c	c	c	c		
	Portland Bill	1011.2	-6	SSW	4	c	62	82	7	5	2	-	7-8	10	1500	1010.2	-10	SSW	4	0	61	82	7	5	-	10	10	1500	1	4	c	c	c	c	c		
	Plymouth	1010.3	-2	SSW	3	c	61	82	7	5	7	-	3+	10	450	1010.1	+2	WSW	2	ir	59	87	6	6	7	-	7-8	3+	800	1	1	c	c	c	c	c	
	The Lizard	1010.1	-4	WSW	3	cpr	61	87	7	8	6	-	7-8	3	2500	1010.8	+2	WSW	4	c	57	87	8	8	6	-	4-6	7-8	1500	1	1	c	c	c	c	c	
	St. Mary's	1010.7	+2	WSW	4	c	59	87	7	8	7	-	4-6	3+	1500	1011.0	+4	WSW	3	c	59	85	8	8	6	3	4-6	7-8	1500	1	2	c	c	c	c	c	
	Guernsey	1012.1	-4	SSW	2	c/r	64	85	7	8	3	-	4-6	7-8	2500	1011.4	-2	WSW	2	c	59	82	7	8	2	-	4-6	7-8	1500	1	1	c	c	c	c	c	
6	Pembroke	1009.1	-2	SSW	3	c	61	85	8	8	4	-	7-8	3+	2500	1009.2	-2	W	3	c	58	85	8	8	6	2	4-6	7-8	2500	1	2	c	c	c	c	c	
7	Holyhead	1009.7	+6	WSW	3	c	60	85	8	8	-	10	10	1500	1009.3	+4	W	3	c	58	82	3	7	-	3+	3+	450	1	1	c	c	c	c	c	c		
	Chester (Sealand)	1008.3	0	SSW	2	c	65	65	8	8	3	-	7-8	3+	2500	1008.4	+4	WSW	2	c	59	85	8	8	3	-	7-8	7-8	2500	0	*	c	c	c	c	c	
8	Manchester	1008.3	+2	WSW	2	pr	63	75	7	7	7	-	7-8	10	2500	1008.3	+2	N	1	z	59	85	5	8	3	-	4-6	3	4000	1	*	c	c	c	c	c	
10	Spurn Head	1009.0	+6	WSW	3	c	66	75	7	5	4	-	7-8	3+	2500	1009.2	+2	SE	3	ir	60	85	6	5	4	-	7-8	3	1500	1	2	c	c	c	c	c	
	Catterick	1009.3	+4	S	2	c	61	75	8	8	-	3+	3+	1500	1008.3	+6	-	0	c	60	85	8	8	-	3+	3+	1500	1	*	c	c	c	c	c	c		
	Tynemouth	1008.0	+6	SE	2	cpr	58	85	7	8	-	3+	3+	1500	1008.5	+10	NNE	2	ir	55	87	7	7	-	2	-	10	10	1500	1	2	c	c	c	c	c	
11	St. Abbs Head	1008.3	+14	NNE	2	d.o.	53	82	6	3	2	-	7-8	10	1500	1010.6	+10	N	2	c	53	85	8	3	2	-	7-8	10	1500	1	3	c	c	c	c	c	
	Leuchars	1006.7	+16	NE	3	c	56	85	8	5	7	-	7-8	9+	1500	1010.4	+12	NNE	3	c	53	75	8	5	7	-	4-6	3+	1500	1	*	c	c	c	c	c	
12	Renfrew (Abbots L.)	1007.5	+14	E	3	ir	56	82	6	6	2	-	7-8	10	800	1009.7	+12	E	3	cpr	54	85	7	6	2	-	4-6	10	1500	1	*	c	c	c	c	c	
	Eskdalemuir	1006.7	+10	SSW	3	c	60	85	8	5	-	3+	3+	1500	1009.0	+10	NE	3	d.o.	52	87	7	6	-	10	10	450	1	*	c	c	c	c	c	c		
	Point of Ayre	1007.0	+4	WSW	3	c	60	82	8	8	4	-	7-8	3	1500	1008.0	+2	SSW	1	c	57	87	7	8	7	-	7-8	3+	800	0	1	c	c	c	c	c	
13a	Tiree	1008.3	+10	NE	4	c	55	85	7	5	7	-	4-6	3+	1500	1008.8	+4	NE	3	c	56	85	3	5	7	-	7-8	3	2500	0	3	c	c	c	c	c	
13b	Stornoway	1011.2	+4	ENE	4	c	53	85	8	5	7	-	4-6	7-8	2500	1011.3	0	ENE	4	bc	51	65	3	5	-	2-3	2-3	4000	1	2	c	c	c	c	c	c	
15	Dalwhinnie	1010.3	+18	NE	4	c	49	85	7	5	3	-	3	1	1500	1011.5	+4	NE	3	c	48	85	7	5	-	10	10	1500	0	*	c	c	c	c	c	c	
	Aberdeen	1009.4	+20	N	3	c	54	75	7	5	7	-	7-8	3+	1500	1011.2	+14	N	2	c	51	75	7	5	3	-	4-6	7-8	1500	1	2	c	c	c	c	c	
	Wick	1010.4	+12	NNE	5	c	52	65	8	5	7	8	7-8	3+	1500	1011.5	+6	NNE	4	c	50	66	8	5	7	-	7-8	3+	1500	1	2	c	c	c	c	c	
16	Lerwick	1010.1	+14	NE	5	c	50	65	8	5	6	-	4-6	7-8	1500	1011.5	+10	ENE	5	c	47	75	8	5	1	-	7-8	3	1500	0	*	c	c	c	c	c	
17	Blackod Point	1011.5	+8	N	4	c	56	85	8	5	-	10	10	800	1011.8	0	N	2	c	54	75	8	5	-	10	10	1500	1	3	c	c	c	c	c	c		
18	Malin Head	1007.1	+6	N	3	d.o.	55	87	5	3	-	10	10	800	1008.5	+12	N	2	cpr	55	87	6	8	-	3+	3+	800	1	3	c	c	c	c	c	c	c	
	Aldergrove	1006.9	+6	WNW	2	pr	61	85	8	3	-	3+	3+	800	1007.8	+10	WNW	1	c/r	58	87	7	5	-	3+	3+	1500	1	*	c	c	c	c	c	c	c	
19	Birr Castle	1009.2	+10	WNW	3	q/d	59	85	7	6	2	-	4-6	3	800	1010.2	+10	WNW	1	c	56	85	8	8	2	-	7-8	3	1500	1	*	c	c	c	c	c	
20	Valentia Obsy. †	1012.2	+6	WNW	4	bc	59	85	8	8	7	-	4-6	4-6	1500	1013.1	+6	N	3	bc	57	75	8	8	-	4-6	4-6	1500	1	2	c	c	c	c	c	c	
	Roches Point	1009.7	+4	WNW	4	c	60	82	8	3	4	-	4-6	7-8	1500	1011.0	+10	WNW	4	c	58	82	8	8	-	3	3	1500	1								

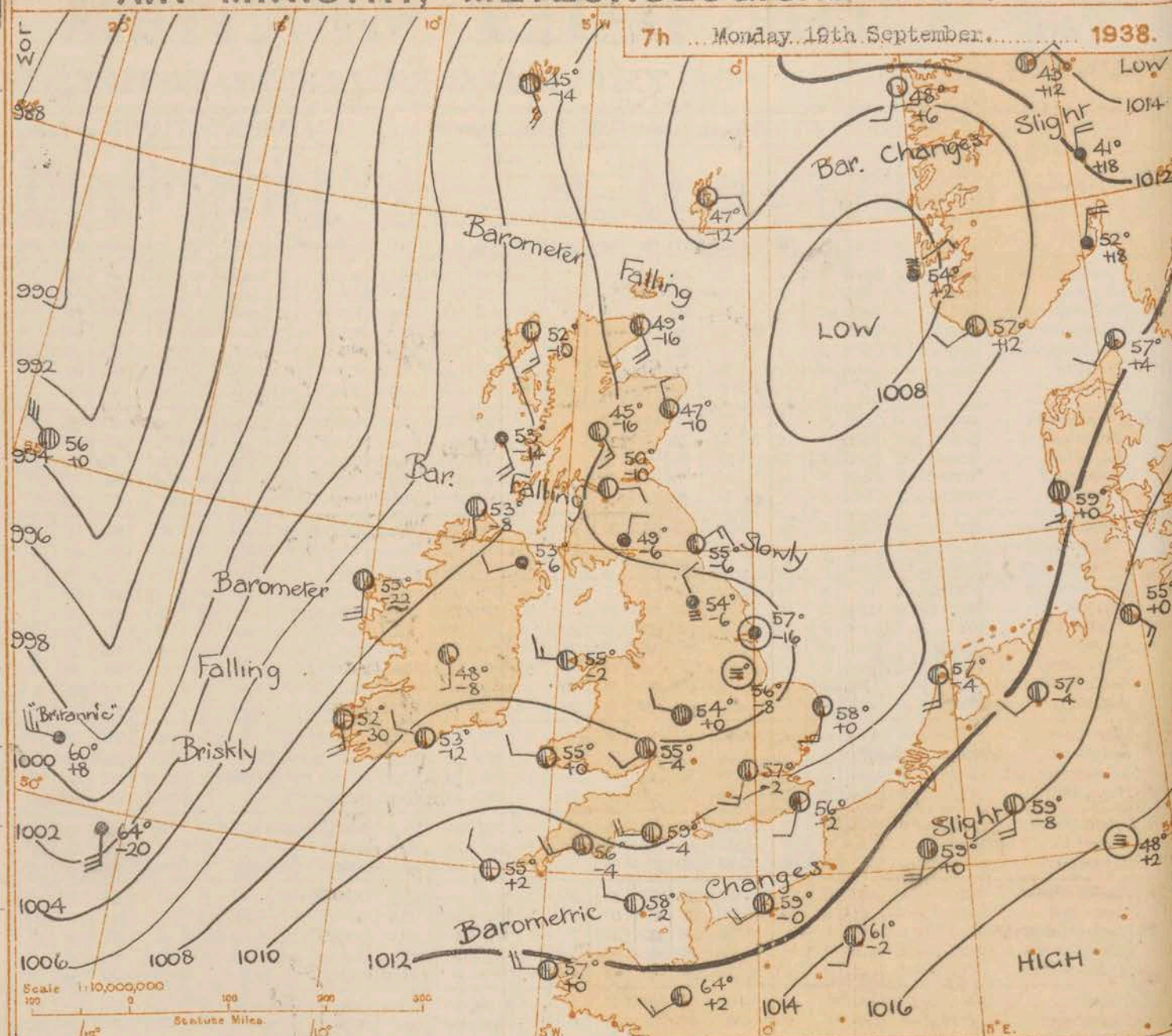
REPORTS from HEALTH RESORTS for 18th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		Sunshine (hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to Sunset.	Sunrise to Sunset.
				9h. 17h.	9h. 17h.	17h. 17h.	9h. 17h.	17h. 17h.	17h. 17h.
1	Tunbridge W.	odo	ocop	57	63	0.3	2	0.2	10.1
	Bournemouth	bc	bcde	58	67	4	Trace	3.5	2.8
	Ventnor	orm	cbco	59	64	1	Trace	1.2	3.1
	Southsea	dd	dcd	57	63	5	0.1	0.3	8.6
	Bognor Regis	cir	bcir	60	64	1	0.5	0.6	3.5
	Littlehampton	circ	cpc	60	64	1	1	1.5	3.7
	Worthing	or	cbccR	60	65	1	4	0.3	3.8
	Brighton	cde	cbe	60	65	0.1	Trace	1.3	3.9
	Eastbourne	lig	cc	60	64	1	0.5	0.4	10.3
	Hastings	coro	d, ddc	59	66	Trace	2	0.2	10.5
	Folkestone	oor	oro	60	63	—	3	0.1	10.1
	Dover	oro	oro	60	63	—	2	0.0	10.4
	Deal	od	ddc	58	63	—	2	0.4	9.6
	Ramsgate	or	odc	59	63	—	1	0.4	2.5
	Margate	cro	cbe	57	64	—	0.3	0.7	3.5
2	Southend	co	osc	59	67	—	Trace	1.7	7.1
	Clacton-on-Sea	cbcc	cbe	59	65	—	Trace	1.2	5.3
	Dovercourt	dac	bepbev	58	65	Trace	Trace	1.6	5.6
	Lowestoft	cprc	cbcb	55	66	—	0.2	0.7	3.7
	Skegness	cbe	cborc	57	67	0.3	5	2.3	0.0
	Mablethorpe	bc	bcod	56	68	—	7	4.7	0.4
	Cleethorpe	cbe	cbcr	55	63	—	Trace	4.3	0.0
3	Leamington S.	c	circ	57	68	0.2	0.6	0.8	0.0
4	Cheltenham	cp	cirtl	56	64	1	4	0.7	0.0
5	Bath	crsbc	bcR	59	63	Trace	15	2.0	0.0
	Weymouth	cbe	cp	57	65	3	0.2	1.2	2.5
	Jersey	cdebc	bore	61	66	0.5	5	1.0	10.1
	Torquay	codop	bccrp	59	65	2	1	1.5	0.0
	Falmouth	c	oerco	59	64	1	1	0.2	0.0
	Penzance	ir	irc	59	63	3	1	0.1	0.0
	St. Ives	pr	c	51	63	2	1	0.4	0.0
	Bude	code	c	59	65	1	0.6	0.5	0.0
	Ilfracombe	cbccp	pbcc	58	64	7	1	1.3	0.0
6	Aberystwyth	cbe	cbe	55	65	2	—	2.0	0.0
7	Llandudno	ccr	cp	59	62	0.2	Trace	0.5	0.6
	Golwyn Bay	coop	opbc	56	62	1	0.3	0.5	2.0
	Rhyl	c	prbc	58	64	—	Trace	0.7	0.2
8	Wallaasey	cp	cbe	56	64	—	Trace	2.6	0.2
	Southport	opo	obc	55	65	1	Trace	1.5	0.2
	Blackpool	moo	gpg	56	64	1	Trace	0.6	0.0
	Morecambe	cbcc	cbcc	55	62	1	Trace	0.3	0.0
9	Ilkley	cpcbe	c	53	63	3	Trace	0.8	0.0
	Harrogate	c	cb	56	61	1	Trace	0.8	0.0
10	Berwick-on-T.	od	ldo	56	53	Trace	0.6	0.0	0.2
11	Dunbar	crr	crr	58	54	5	6	0.0	4.9
12	Troon	rncrp	orpop	54	59	1	3	0.0	0.7
	Douglas	cpr	cir	56	61	1	Trace	1.6	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ... Monday, 19th September, 1938.



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

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

1 S.E. England	Light or moderate southwest wind, backing south and freshening later; local thundery showers, especially in extreme east, then a mainly fair interval; perhaps rain by noon tomorrow; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind backing south and freshening; mainly fair at first, then rain spreading east; average temperature.
6 South Wales	
7 North Wales	
8 N.W. England	Light variable wind, freshening from south tomorrow; local thundery rains, then a fairer interval; rain spreading east tomorrow; local fog at night; average temperature.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind light variable, becoming generally southeast or south, freshening somewhat later; cloudy, slight local rain at first, general rain spreading east tomorrow; rather low to average temperature.
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Fresh or strong south wind, veering west to northwest; a period of rain; showers and bright intervals tomorrow; average temperature.
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 shallow depression over the Humber will move northeast and a trough of low pressure off West Ireland is moving east. Weather will be unsettled generally.

FURTHER OUTLOOK.

General rain at first in the East, followed by bright intervals and showers generally.

Forecasts issued at 10.00 G.M.T.

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

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

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

1938.

LOW

1014

41°

18

1012

52°

18

57°

14

52°

18

55°

10

48°

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Morning of

MONDAY 19TH SEPTEMBER

1938.

Projection Scale 1: 4x10' along meridian at 55° N.

Scale of Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 19th September.....														OBSERVATIONS at 7 hr. G.M.T. 19th September.....														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)	Visiblity. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visiblity. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)				
					Direc. (3)	Force (4)					Form. (9)	Amount.		Form. (23)			Amount.						Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)			Day 7h-18h mm. (34)	Night 18h-7h mm. (35)								
												Low (10)	Med. (11)				High (12)	Low (24)													Med. (25)	High (26)						
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	100.80	0	SSW	2	z	57	92	6	5	4	-	2-3	4-6	1500	1	*	68	53	50	1	3	3.2			
	Croydon	217	101.00	-10	SSW	2	C	58	97	7	C	2	-	4-6	9+	1500	100.95	-2	SSW	3	c	57	92	7	5	4	-	2-3	7-8	800	1	*	68	50	53	1	1	1.8
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	*	100.88	-2	SSW	2	c	56	97	7	6	C	1	4-6	9+	1500	1	*	65	54	49	Tr	0.3	2.7		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	100.91	+2	SW	2	c	54	97	7	6	4	-	9	9+	2500	1	*	66	54	53	Tr	1	1.5		
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	*	101.00	+2	SW	2	c	57	97	8	8	7	-	4-6	9+	1500	1	2	65	50	55	2	3	0.5		
	Lympe	346	101.17	-6	SSW	3	c	58	97	8	5	-	-	7-8	800	101.13	-2	SSW	2	c/pr	56	97	8	8	8	-	7-8	7-8	1500	1	2	61	55	53	2	3	0.1	
	Manston	142	101.03	-2	SSW	3	bc	59	92	8	5	-	-	2-3	2500	101.00	-2	SSW	2	c/pr	56	92	8	8	4	-	4-6	4-6	2500	1	*	64	55	51	0.2	Tr	0.7	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	100.93	-2	SSW	3	bc	59	85	8	1	4	1	Tr	2-3	1500	1	*	65	57	51	Tr	2	2.3		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	100.84	0	SSW	3	bc	58	85	7	2	4	-	2-3	2-3	2500	1	2	63	58	54	0.1	0.3	1.3		
	Gorleston	5	100.93	-8	SW	2	bc	59	92	7	5	-	-	4-6	4-6	100.92	0	SSW	3	c	58	92	7	7	-	3	3	2500	1	2	63	57	55	6	1	1.5		
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	100.78	-2	SW	3	c	59	85	7	5	5	-	4-6	9	2500	1	*	71	56	52	0.1	Tr	2.1		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	100.70	-2	-	0	MF	53	97	4	5	-	-	10	10	2500	1	*	68	51	4.4	0.4	5	2.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	100.73	0	WNW	2	z	54	97	5	6	-	-	10	10	450	1	*	66	54	54	0.3	2	1.0		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	100.81	+2	SW	3	RR	54	97	5	6	2	-	9+	10	450	1	*	68	64	53	5	12	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	100.82	-4	SW	2	c	55	92	8	5	-	-	9+	9+	4000	1	*	65	55	54	0.1	0.4	1.5		
5	Hartland Point	299	100.94	-2	NW	3	c	57	92	7	C	4	-	7-8	800	100.97	+6	NW	3	c	56	85	8	6	7	-	7-8	9	1500	1	2	61	54	53	0.1	1	1.4	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	*	100.88	+2	WSW	2	c	55	92	7	5	-	-	3	9+	1500	1	2	64	54	51	2.3	7	1.4		
	Portland Bill	32	101.00	+4	SW	4	0	60	85	8	5	-	-	10	10	100.94	-4	N	2	c	59	92	8	6	7	-	7-8	10	1500	1	3	64	57	*	-	1	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	101.03	+4	WN	3	z	57	92	6	9	7	-	3	9+	450	1	1	62	54	53	4	1	0.2		
	The Lizard	240	101.03	0	W	3	c	57	97	7	8	2	-	7-8	1500	101.00	-4	WS	3	c	56	97	8	8	2	-	7-8	9	1500	1	1	62	54	*	0.2	0.3	0.3	
	Scilly (St. Mary's)	163	101.10	+2	NNW	3	c	57	92	8	6	-	-	4-6	1500	101.14	+2	WS	2	c	55	85	8	8	4	-	4-6	9	1500	1	2	62	54	*	3	4	2.1	
	Guernsey	175	101.17	-2	WSW	2	bc	56	92	7	8	-	-	2-3	2500	101.06	-2	WN	2	c	58	97	9	8	5	-	7-8	9	2500	1	2	63	50	51	2	1	2.6	
6	Pembroke	142	101.00	+2	NW	3	bc	55	92	8	5	4	-	2-3	4-6	100.93	0	W	2	c	55	85	7	8	-	-	9+	9+	1500	1	2	62	54	*	3	Tr	4.1	
7	Holyhead	26	100.85	0	N	2	c	56	92	7	5	-	-	10	10	100.72	-2	W	3	c	55	97	8	5	-	-	9+	9+	450	1	1	63	54	50	-	Tr	1.4	
	Chester (Sealand)	18	*	*	*	*	*	*	*	*	*	*	*	*	100.78	-2	-	0	z	51	97	6	8	3	-	4-6	4-6	2500	0	*	68	49	46	-	-	2.2		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	100.72	-2	NE	1	c	56	97	3	5	7	-	4-6	9+	2500	1	*	65	54	50	Tr	13	0.2		
10	Spurn Head	29	100.86	-2	SW	1	bc	57	97	6	-	4	-	0	23	100.70	-10	-	0	ic	57	97	6	5	2	-	10	10	1500	1	0	70	55	*	Tr	0.4	3.7	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	100.76	-6	NW	2	rf	54	97	3	-	-	-	10	10	450	1	2	63	54	54	0.2	1	0.3		
	Tynemouth	108	100.95	-4	ENE	3	c/r	54	97	6	-	2	-	10	10	100.84	-6	ENE	3	c/r	55	92	7	-	2	-	10	10	1500	1	2	63	54	52	6	1	0.5	
11	St. Abbs Head	280	101.06	-4	NNE	2	c	51	85	8	3	2	-	7-8	10	100.90	-8	NNE	2	c	52	85	8	3	2	-	7-8	10	1500	0	3	58	51	*	0.6	Tr	*	
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	100.91	-10	NNE	2	c	49	85	8	5	2	-	7-8	10	1500	1	*	57	48	47	0.1	-	0.0		
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	100.85	-10	E	2	c	50	85	7	5	-	-	10	10	1500	1	*	59	43	47	6	Tr	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	100.81	-6	NNE	2	dod	49	97	7	-	2	-	10	10	450	1	*	60	47	47	2	1	0.1		
	Point of Ayre	30	100.83	+2	SSE	2	cd	57	97	7	8	-	-	10	10	100.66	-4	S	2	c	57	97	8	8	6	-	4-6	7-8	800	1	1	63	50	*	-	5	0.5	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	100.67	-14	SSE	4	id	53	82	8	5	2	-	4-6	10	800	1	3	57	52	50	3	0.1	2.5		
13B	Stornoway	80	101.01	-10	SE	3	b	50	75	8	-	-	-	0	0	100.74	-10	SSE	3	c/pr	52	85	9	5	7	-	9	10	2500	1	2	55	48	*	-	Tr	8.2	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	100.93	-13	SE	5	c	45	85	7	5	6	-	4-6	9+	1500	0	*	50	43	45	Tr	Tr	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	100.96	-10	NNW	1	m	47	97	4	-	3	-	0	9+	-	1	1	54	43	45	0.2	-	0.0		
	Wick	81	101.18	-4	SSE	3	c	49	66	8	5	2	-	7-8	10	100.88	-10	SSE	4	c	49	65	8	5	7	-	4-6	7-8	1500	1	2	53	48	*	-	-	*	
16	Lerwick	156	101.17	-6	ENE	3	c	47	75	8	5	2	-	4-6	7-8	101.02	-12	E	2	c	47	75	8	5	-	-	7-8	7-8	1500	0	*	51	47	*	-	-	2.3	
17	Blackrod Point	18	101.00	-14	-	0	c	50																														

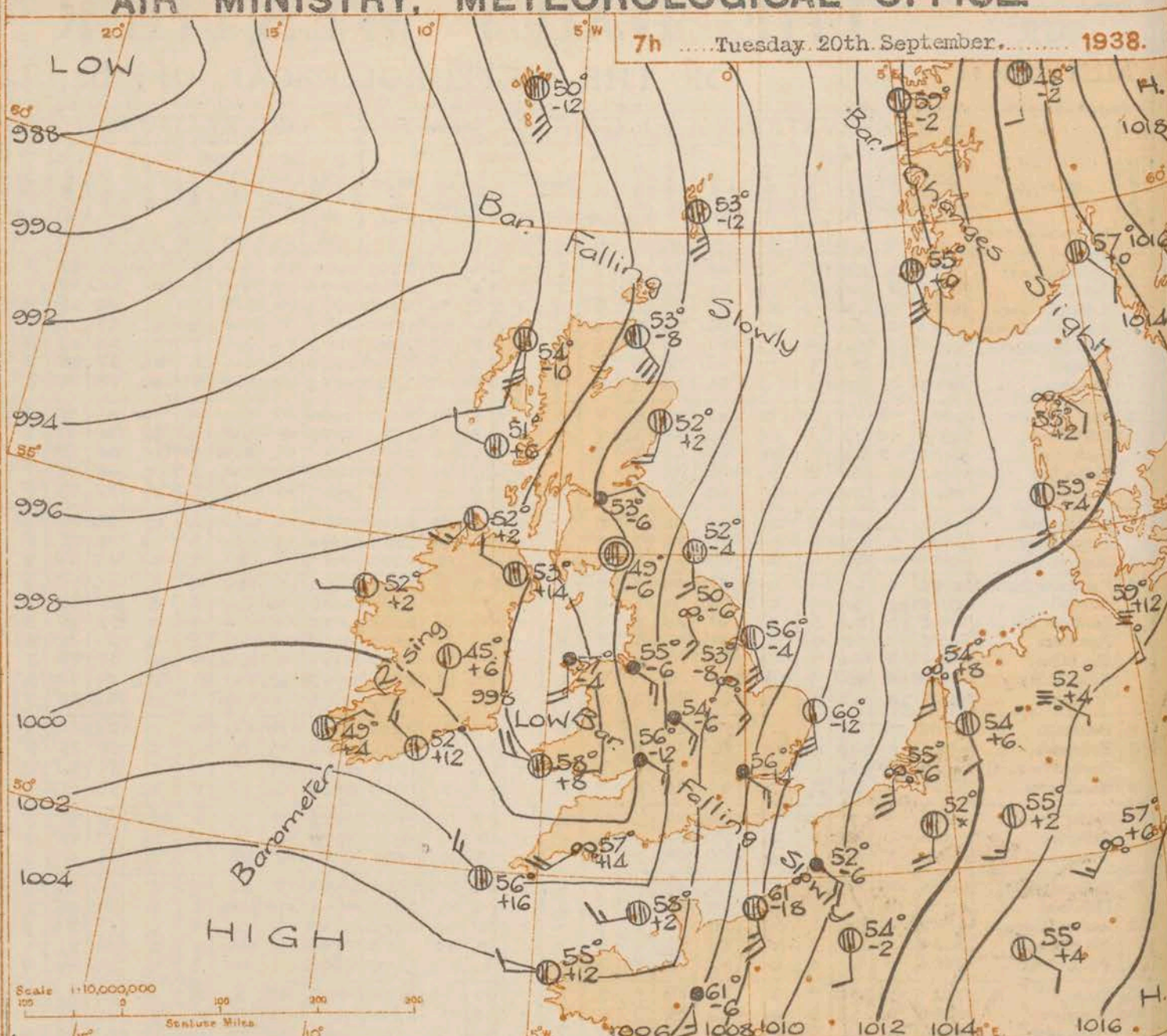
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 20th September.														OBSERVATIONS at 18h. G.M.T. 20th September.														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		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.					Form.	Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	7h.—13h. 20th.	13h.—18h. 20th.			18h. 24h. to 1h. 20th.	1h.—7h. 20th.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
(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) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmnt.) ... Lymington ... Manston ...	1008.7 1009.3 1008.6 1009.0 1010.1 1010.7 1009.3	+2 +2 -2 -2 -1 -2 -6	S'E SW WSW SW SW SW SSW	3 3 4 3 4 4 5	c c/pr c c c c c	65 62 65 62 65 62 66	75 75 55 65 75 75 65	8 8 8 8 8 9 8	8 7 8 8 8 2 8	8 3 1 - - 6 -	7-8 4-6 7-8 9+ 7-8 7-8 7-8	7-8 9 9+ 9+ 7-8 7-8 7-8	2500 2500 2500 1500 1500 2500 2500	1008.9 1009.6 1009.2 1008.9 1010.3 1010.9 1009.6	+8 +8 +6 - +2 +6 +2	SW SW SW SSW SW SW SSW	3 3 3 3 3 3 3	c/pr bc c c c bc bc	60 60 58 57 60 57 58	85 85 75 75 75 85 85	8 7 8 8 8 8 8	8 4 6 6 5 2 8	- - - 4 - - -	9 2-3 9 9+ 9 9 2-3	9 4-6 9+ 7-8 9+ 4-6 2-3	2500 4000 4000 1500 1500 2500 4000	1 1 1 0 0 0 0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

7h Tuesday, 20th. September, 1938.

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 trough of low pressure over the British Isles is moving slowly eastwards and developing fresh centres of low pressure along its length. Weather will be mainly dull and rainy in the East but a partial clearance will take place in the West and slowly spread eastwards.

FURTHER OUTLOOK

Unsettled.

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

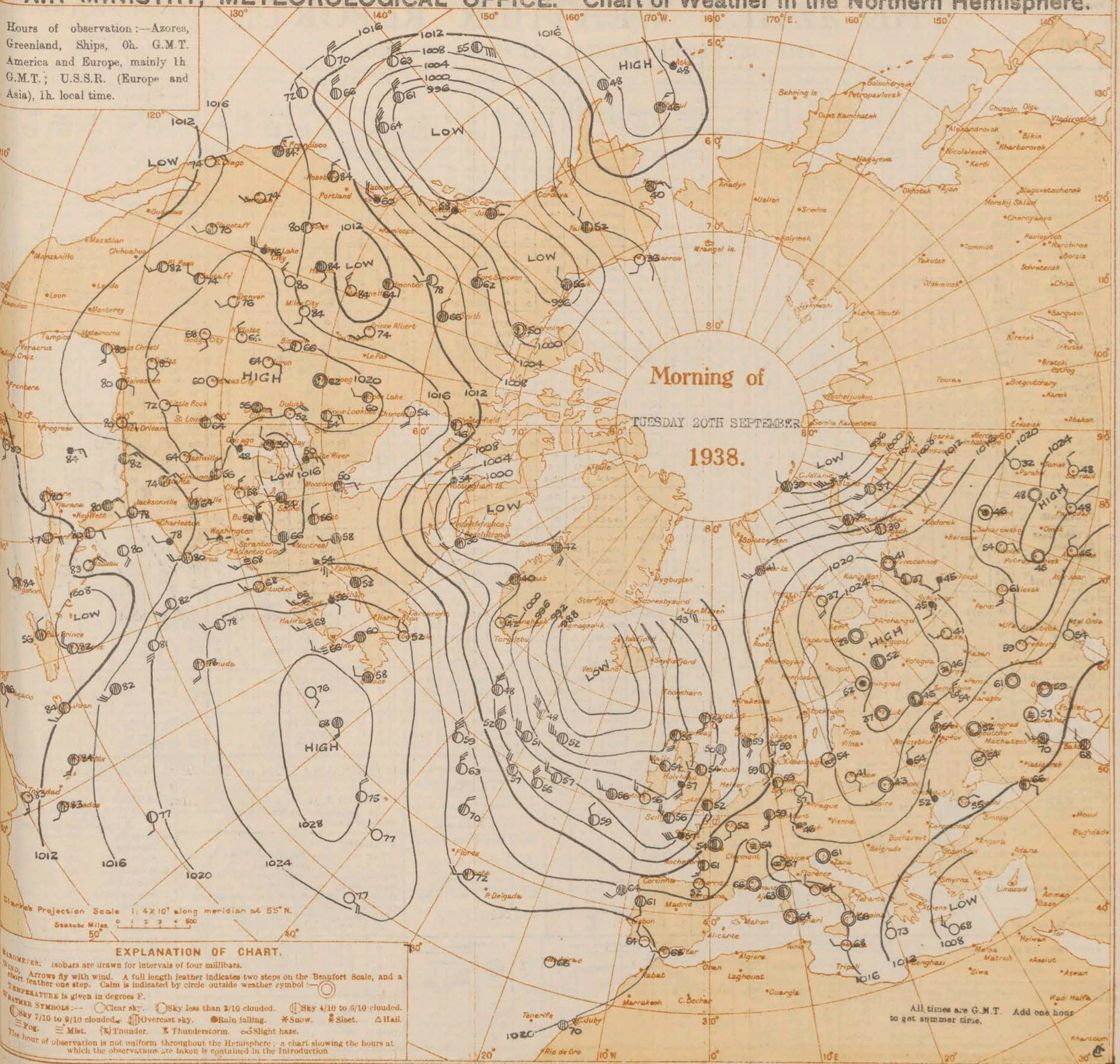
Forecasts issued at 1000G.M.T.

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

0.7323527: 89.4006, 2269, 27800, 9/36

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

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



[illegible]

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

‡ Sea disturbance reported from Dungeness.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 21st September, 1938.

No. 28002

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 20th September.													OBSERVATIONS at 18h. G.M.T. 20th September.													PAST 24 HOURS.											
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.						Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.						Height of Base (feet)	State of Ground.	Sea. 0-9	WEATHER.							
									Form.			Amount.		Height of Base (feet)									Form.			Amount.		Height of Base (feet)				State of Ground.	Sea. 0-9	WEATHER.					
									Low	Med.	High	Low 0-10	Total 0-10										Low	Med.	High	Low 0-10	Total 0-10							State of Ground.	Sea. 0-9	WEATHER.			
																																				7h.-13h. 20th	13h.-18h. 20th	18h. 20th to 1h. 21st	1h.-7h. 21st
(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)	1003.8	-4	SSW	4	c	65	75	8	7	-	7-8	9	1500	1005.6	+16	SSW	3	c/p	61	75	8	9	7	1	4-6	7-8	1500	1	*	cd, d, d, c	c	cd, d, d, c	c	cd, d, d, c	cm			
	Croydon	1004.0	-8	SSW	4	bc/d	63	85	8	5	4	-	2-3	4-6	1500	1005.5	+12	SSW	3	c	60	75	8	5	6	3	7-8	9+	2500	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	cide		
	S. Farnborough	1003.6	+6	SW'S	4	c	64	75	8	6	3	1	7-8	9	2500	1005.3	+14	SSW	4	c	57	75	8	4	6	6	2-3	9	4000	0	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	c		
	Boscombe Down	1002.6	+8	SSW	4	bc	65	75	9	5	-	5	4-6	4-6	2500	1005.0	+14	SW	3	c	58	75	8	5	4	-	7-8	10	2500	0	*	dd, m, b, c	bcc	dd, m, b, c	c	dd, m, b, c	cide		
	Calshot (Sthmtn.)	1004.5	+6	SSW	5	bc	64	75	8	2	3	1	4-6	4-6	1500	1006.0	+6	SW	3	c	60	75	8	8	5	-	7-8	9+	1500	1	2	cd, m, b, c	bcc	cd, m, b, c	c	cd, m, b, c	bcc		
	Lymington	1006.8	-8	SW	5	cd, d	58	97	3	-	2	-	10	10	<150	1007.4	+4	SSW	2	c	57	92	7	5	7	-	4-6	7-8	2500	1	2	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Manston	1005.8	-10	SE	4	cd, d	59	97	5	6	2	-	9+	10	220	1006.6	+10	S	2	c	58	97	7	8	-	6	4-6	9	4000	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
2	Shoeburyness	1006.2	-10	SE	5	c	61	92	7	5	-	-	10	10	450	1006.1	+10	S	4	c	60	85	8	5	-	2	7-8	9+	1500	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Felixstowe	1005.6	-10	SE	6	c	61	85	8	5	2	-	9	10	800	1005.5	+2	SE	4	c/r	62	85	8	5	3	-	7-8	9+	1500	0	4	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Gorleston	1005.4	-10	S	6	cd, d	62	85	6	6	-	-	10	10	1500	1005.4	0	SW	5	ld	60	92	6	6	-	-	10	10	1500	1	3	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Mildenhall	1003.3	-14	SE	5	c	61	85	7	5	-	-	10	10	1500	1005.7	+2	S	4	c	64	75	7	5	-	4	4-6	7-8	2500	0	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Cranwell	1002.2	-12	SE	4	cd, d	57	97	5	6	2	-	9	10	450	1002.4	+6	SW'S	2	c/d	59	97	7	5	7	-	9	10	800	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
3	Birmingham	1001.4	-2	SSW	3	cd, d	58	97	5	6	-	-	10	10	800	1003.2	+2	SSW	3	c	57	85	8	-	2	-	9+	9+	1500	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Upper Heyford	1002.5	+2	S	4	c/p	62	85	9	5	-	-	10	10	800	1004.4	+14	SW'S	3	c	57	85	8	7	-	4	4-6	9	2500	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
4	Ross-on-Wye	1001.0	+4	SW'S	4	c	62	75	7	8	6	1	7-8	9	4000	1004.0	+12	SW	2	c	56	85	8	5	-	2	7-8	9+	1500	0	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
5	Hartland Point	1003.1	+16	WNW	4	c	58	75	8	2	6	-	4-6	7-8	1500	1003.9	+4	W	4	c	57	85	8	8	7	2	4-6	7-8	1500	0	3	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Bristol	1002.6	+22	WSW	4	c/r	61	85	8	5	-	-	9	9	1500	1004.6	+10	WSW	3	c	55	75	7	4	5	8	2-3	9	2500	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Portland Bill	1003.8	+16	S	5	c	60	92	8	5	4	-	4-6	7-8	2500	1004.7	+10	S	4	c	59	92	8	3	-	-	10	10	1500	1	3	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Plymouth	1004.3	+19	WNW	4	c	58	75	8	5	7	-	9	10	2500	1004.7	+6	WSW	3	c	58	85	8	5	3	4	2-3	9+	2500	1	1	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	The Lizard	1004.4	+10	SW	3	c	62	75	8	8	6	-	4-6	7-8	1500	1005.3	0	W'S	3	c	55	92	8	8	6	-	7-8	9	2500	1	2	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Scilly (St. Mary's)	1004.6	+8	W'N	2	c/pr	60	85	8	8	6	4	4-6	7-8	1500	1004.8	0	W'S	2	c	57	85	8	5	6	-	4-6	9+	1500	1	2	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Guernsey	1005.1	+6	SW	2	c	62	92	7	5	3	-	4-6	9+	2500	1006.0	+2	WSW	1	0	59	75	7	5	-	-	10	10	2500	1	1	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
6	Pembroke	1002.8	+14	WNW	3	bc	58	75	7	7	6	1	2-3	4-6	2500	1003.9	+6	SW'W	3	c	57	85	7	8	7	-	4-6	9	2500	1	2	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
7	Holyhead	999.9	+10	WNW	3	c	57	75	7	9	2	8	9	9	1500	1001.9	+10	SSW	2	c	57	75	8	2	-	6	7-8	4000	1	1	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc			
	Chester (Sealand)	999.8	-6	SE	2	z	61	85	6	6	2	-	9	10	1500	1002.0	+16	WNW	3	cd, d	56	85	6	6	2	-	4-6	9+	1500	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
8	Manchester	1000.2	-4	SE'S	2	c/r	59	92	6	5	2	-	7-8	10	800	1001.4	+12	W	3	ld	57	92	6	5	-	-	10	10	800	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
10	Spurn Head	1002.8	-16	SE	5	ld	60	85	6	5	-	-	10	10	1500	1002.0	-8	S	4	c	60	92	6	5	-	-	9+	9+	1500	1	3	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Catterick	1001.2	-8	SE'S	3	ld	56	92	6	5	-	-	10	10	800	1001.1	+2	SE	2	c/d	57	97	4	6	-	-	10	10	450	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Tynemouth	1001.8	-4	S	3	c/r	56	97	6	-	2	-	10	10	1500	1001.5	-2	SE	2	cd, d	56	97	5	-	2	-	10	10	800	1	1	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
11	St. Abbs Head	999.7	0	SSW	4	c/r	56	85	6	6	2	-	4-6	10	1500	1000.0	+2	SE	3	c	56	92	6	3	2	-	4-6	9+	1500	1	3	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Leuchars	1000.0	+6	SE	2	cd, d	55	97	6	5	2	-	9+	10	450	1000.0	0	SE	2	z	58	85	7	5	7	-	7-8	9+	800	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
12	Bontew (Abbots I.)	1000.3	+4	WNW	2	c/d	58	85	9	8	7	1	4-6	9+	2500	1000.8	+10	WSW	2	bc	55	85	9	2	5	-	1	2-3	4000	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Eskdalemuir	999.7	+2	SE	2	cd, d	54	97	5	-	2	-	10	10	220	1000.5	+8	-	0	c/r	54	97	6	5	-	-	9+	9+	800	1	*	cd, d, d, c	bcc	cd, d, d, c	c	cd, d, d, c	bcc		
	Point of Ayre	999.8	+10	NNW	3	c																																	

REPORTS from HEALTH RESORTS for 20th September 1938.

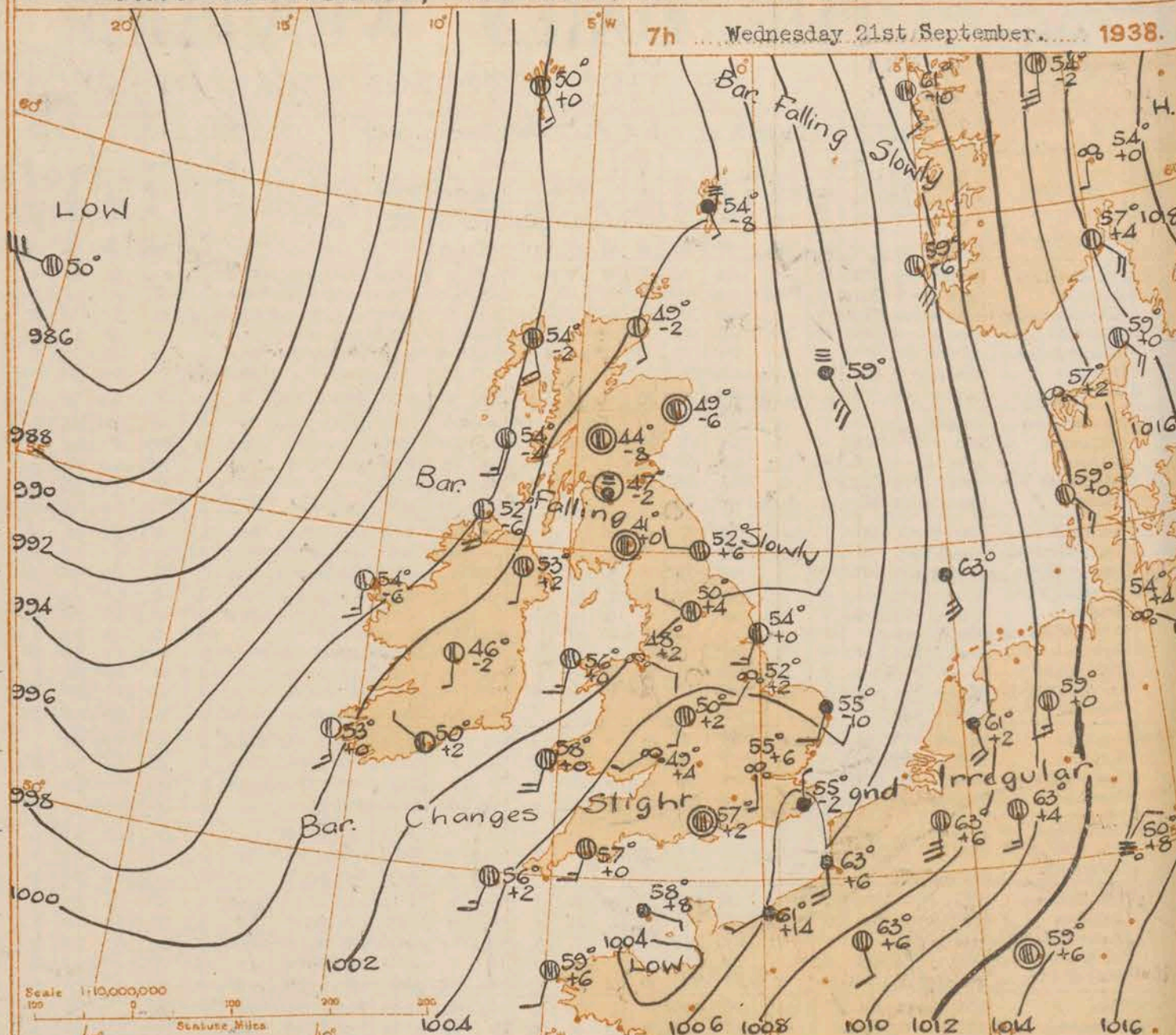
DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.
				9h. to 20h.	9h. to 20h.	17h. to 9h. to 20h.	9h. to 20h.	20h. to 17h.	20h. to 17h.
1	Tunbridge W.	odo	acbcc	51	65	1	1	1.0	4.2
	Bournemouth	cbe	cbee	56	65	4	Trace	2.5	3.3
	Ventnor	odfc	coc	56	63	2	Trace	2.3	3.9
	Southsea	oreb	becbc	56	66	5	Trace	2.8	4.2
	Bognor Regis	rocc	beco	58	63	3	Trace	0.6	4.8
	Littlehampton	orc	c	57	64	3	0.3	0.2	5.4
	Worthing	edog	c	57	63	2	0.5	0.4	6.1
	Brighton	edc	cbe	57	63	1	Trace	0.4	5.6
	Eastbourne†	dd	doco	57	64	1	1	0.3	7.3
	Hastings†	ddoo	dpcdo	56	64	0.5	0.5	0.1	6.9
	Folkestone	od	ode	57	63	Trace	1	0.2	6.7
	Dover	od	odo	58	63	Trace	1	0.1	6.8
	Deal	ididd	idded	55	62	Trace	2	0.3	7.3
	Ramsgate	d	dc	55	62	Trace	1	0.2	5.9
	Margate	cdo	cdo	54	62	Trace	0.3	0.4	6.7
2	Southend	or	oc	54	65	0.3	Trace	0.7	5.5
	Clacton-on-Sea	croc	cbe	57	62	0.3	-	0.2	5.1
	Dovercourt	bcc	becp	53	62	-	Trace	0.0	7.0
	Lowestoft	ccpre	coid	52	62	0.6	0.2	0.2	4.5
	Skegness	c	obe	52	61	0.3	1	0.0	0.6
	Mablethorpe	bco	bdoc	51	63	1	2	0.2	0.4
	Cleethorpes	cr	cz	51	62	3	0.3	0.0	0.4
3	Leamington S.	ornd	oc	52	64	0.5	0.1	1.1	0.1
4	Cheltenham†	om po	cbcc	53	62	0.5	Trace	1.3	0.5
5	Bath	cra	cbe	55	63	3	Trace	1.3	1.4
	Weymouth	ecb	bcc	57	64	4	-	3.0	2.4
	Jersey	rebe	er	57	63	3	2	1.7	2.4
	Torquay	beco	oc	57	61	11	-	0.5	3.3
	Falmouth	cvroc	coroc	54	65	18	Trace	3.6	2.3
	Penzance	rbc	cpoc	54	63	22	Trace	4.3	1.0
	St. Ives	c	c	52	62	20	-	5.3	0.7
	Bude...	rcoc	bc	56	61	9	0.2	3.5	2.3
	Ilfracombe	coro	ocbec	55	61	2	-	3.4	0.9
6	Aberystwyth	proc	prbec	55	62	0.5	2	1.7	0.0
7	Llandudno	edod	poebc	54	60	3	0.5	1.5	1.2
	Colwyn Bay	odedo	dodcb	53	62	0.3	3	0.5	2.0
	Rhyl	croc	crebc	53	62	0.2	4	0.5	3.2
8	Wallsley	oro	or	53	62	1	3	0.0	1.6
	Southport	moidr	cop	52	62	1	3	0.0	2.7
	Blackpool	oidor	oid	52	61	1	3	0.0	2.1
	Morecambe	lrar	erirc	53	60	0.3	3	0.0	1.1
9	Ilkley	odoo	odom	46	58	Trace	0.6	0.0	0.5
	Harrogate	oido	oido	48	57	0.3	Trace	0.0	0.1
10	Berwick-on-T.	om	oir	50	56	0.2	2	0.0	0.8
11	Dunbar	cpr	cpr	50	59	Trace	1	0.0	0.4
12	Troon	roco	ocbcc	52	59	5	-	3.9	0.6
	Douglas	cdbe	b	53	60	11	0.5	3.9	4.1

† 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. 21st September, 1938.
1 S.E. England	Wind light, variable or southerly; cloudy, occasional rain or drizzle today; bright periods tomorrow; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind southerly, light or moderate; cloudy, but some bright intervals, chance of showers locally; average temperature.
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.	Wind southerly, moderate; freshening tomorrow; showers but bright intervals; cool.
13 { A.W. Scotld. B.N.W.Scotland.	
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	

† N. Stationary Office Press, Kingston, 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 millibar is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression to the south of Iceland is slowly moving eastwards and minor disturbances are travelling northeastwards across Northern France. Weather will be generally unsettled with some rain or showers in most districts but with bright periods.

FURTHER OUTLOOK.

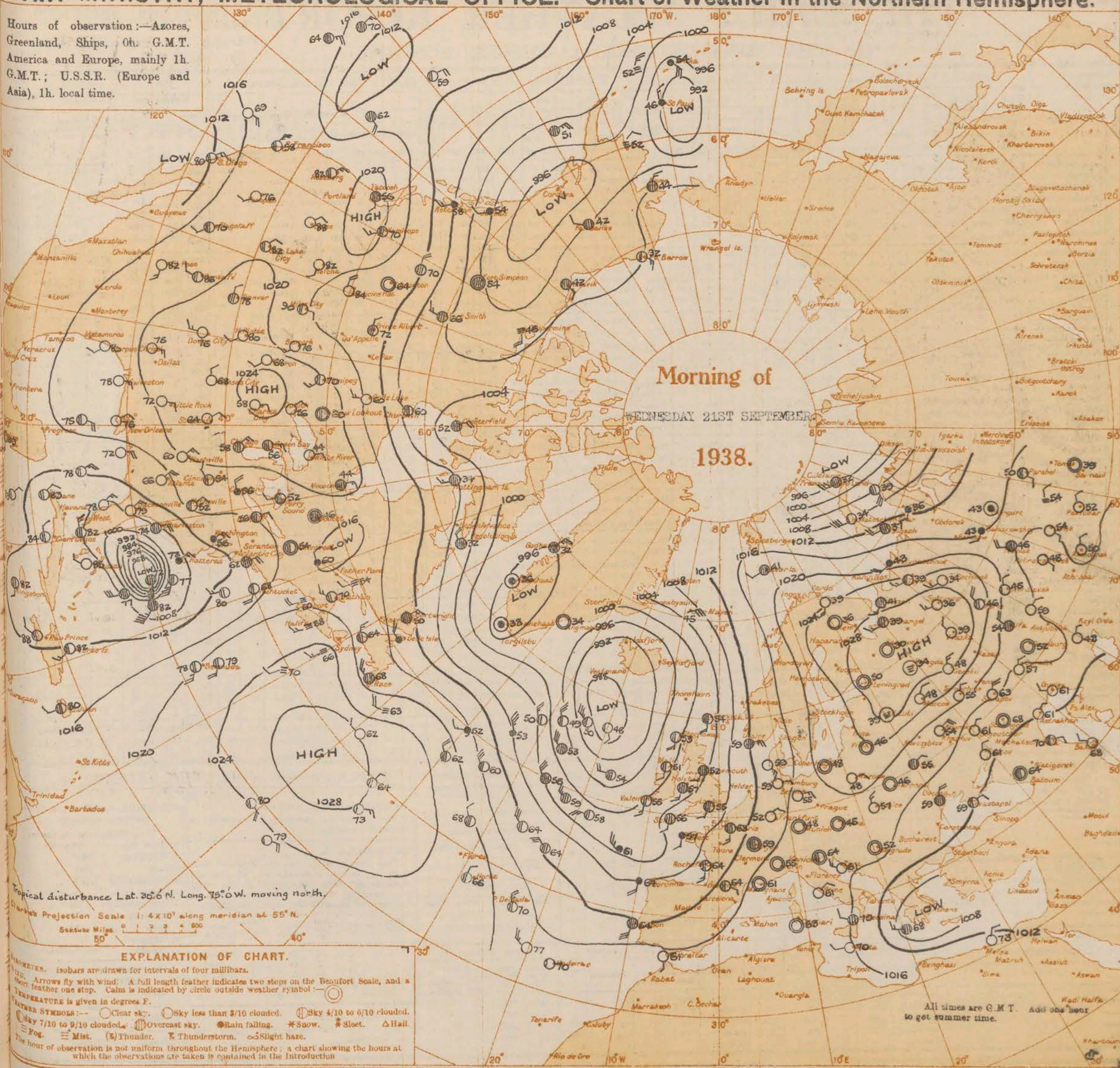
Unsettled.

Forecasts issued at 09.45 G.M.T.

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

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

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



PAST 24 HOURS.

LOCAL OBSERVATIONS.												EXPLANATION OF FIGURES, LETTERS, etc.											
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.												COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.											
COLUMNS 8, 22.—Code for surface visibility. Objects not visible at																							
COLUMNS 4, 18. THE BRAUFOOT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																							
COLUMNS 30.—Code for State of Sea. 0 Calm. 5 Very rough. 1 Smooth. 6 High. 2 Slight. 7 Very high. 3 Moderate. 8 Precipitous. 4 Rough. 9 Confused																							
COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																							
COLUMNS 36, 37. The barometric tendency is expressed in tenths of a millibar.																							
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N. K. JOHNSON, M.Sc., A.R.C.S., Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 22nd September, 1938.
No. 28063.

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 22nd September.														OBSERVATIONS at 18h. G.M.T. 23rd September.														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (h.m.)	
		Forenoon.	Afternoon.	Min. 9h. to 21st.	Max. 9h. to 21st.	Night. 17h. to 9h. 21st.	Day. 9h. to 17h. 21st.	Sunrise to 17h. 21st.	Sunrise to Sunset. 20th.
1	Tunbridge W.	oro	oro	54	59	1	2	0.0	1.0
	Bournemouth	r	oro	54	59	0.3	3	0.0	2.5
	Ventnor	orm	ro	56	61	0.3	2	0.0	2.3
	Southsea	orr	oro	55	60	Trace	3	0.0	2.8
	Bognor Regis	oir	oirc	56	60	0.3	5	0.0	0.6
	Littlehampton	orr	orirc	57	60	0.3	5	0.0	0.2
	Worthing	cr	cr	57	60	0.5	4	0.0	0.4
	Brighton	de	crc	57	59	1	4	0.0	0.4
	Eastbourne	ro	ro	57	60	5	4	0.0	0.3
	Hastings	oddr	drr	56	61	9	5	0.0	0.1
	Folkestone	od	odrd	56	60	8	9	0.0	0.2
	Dover	oid	orr	57	60	8	8	0.0	0.1
	Deal	ididd	dd	57	60	8	8	0.0	0.3
	Ramsgate	r	r	56	59	8	8	0.0	0.2
	Margate	erd	erd	57	60	7	7	0.0	0.4
2	Southend	scora	or	56	61	3	2	0.1	0.7
	Clacton-on-Sea	ora	corc	55	60	8	1	0.0	0.2
	Dovercourt	roc	roc	55	61	8	0.5	0.0	0.0
	Lowestoft	crair	cra	54	62	6	0.5	0.0	0.2
	Skegness	co	ora	53	61	1	Trace	0.2	0.0
	Mablethorpe	o	ro	52	63	1	Trace	0.2	0.2
	Cleethorpe	cbe	c	51	60	0.5	-	0.4	0.0
3	Leamington S.	o	oc	51	61	-	-	0.3	1.1
4	Cheltenham	co	oc	50	61	-	-	0.2	1.3
5	Bath	c	cr	51	62	Trace	0.3	0.0	1.3
	Weymouth	rd	pc	55	61	1	2	0.0	3.0
	Jersey	rcpc	c	57	64	2	0.2	0.1	1.7
	Torquay	o	odpbc	53	61	0.2	0.6	1.5	0.5
	Falmouth	ogroc	coroc	53	64	Trace	3	1.2	3.6
	Penzance	cbe	cpbc	55	63	-	3	4.4	4.3
	St. Ives	c	pr	51	63	-	3	3.6	5.9
	Bude	cbe	pebc	53	62	-	3	1.2	3.5
	Ilfracombe	oc	cpbc	53	63	-	Trace	2.1	3.4
6	Aberystwyth	cbe	corc	51	62	-	0.3	2.1	1.7
7	Llandudno	bc	bccp	51	65	-	0.5	3.7	1.9
	Colwyn Bay	beb	becc	50	65	-	0.3	3.5	1.0
	Rhyl	bc	becc	49	64	-	Trace	2.7	1.0
8	Wallassey	bedbc	bpc	51	65	0.3	Trace	2.1	0.0
	Southport	wbebm	bcdp	49	66	1	Trace	4.4	0.0
	Blackpool	mbem	bopcm	49	65	-	1	5.8	0.0
	Morecambe	bbe	berbc	51	65	-	1	6.1	0.2
9	Ilkley	oc	cbe	50	62	Trace	-	2.2	0.0
	Harrogate	c	cbbc	51	61	Trace	-	2.1	0.0
10	Berwick-on-T.	cbe	bc	49	64	-	-	6.3	0.0
11	Dunbar	bcmo	bc	48	64	Trace	-	6.6	0.0
12	Tron	copoc	cbe	49	60	0.5	Trace	6.0	4.6
	Douglas	bc	bc	51	60	Trace	5	5.2	4.7

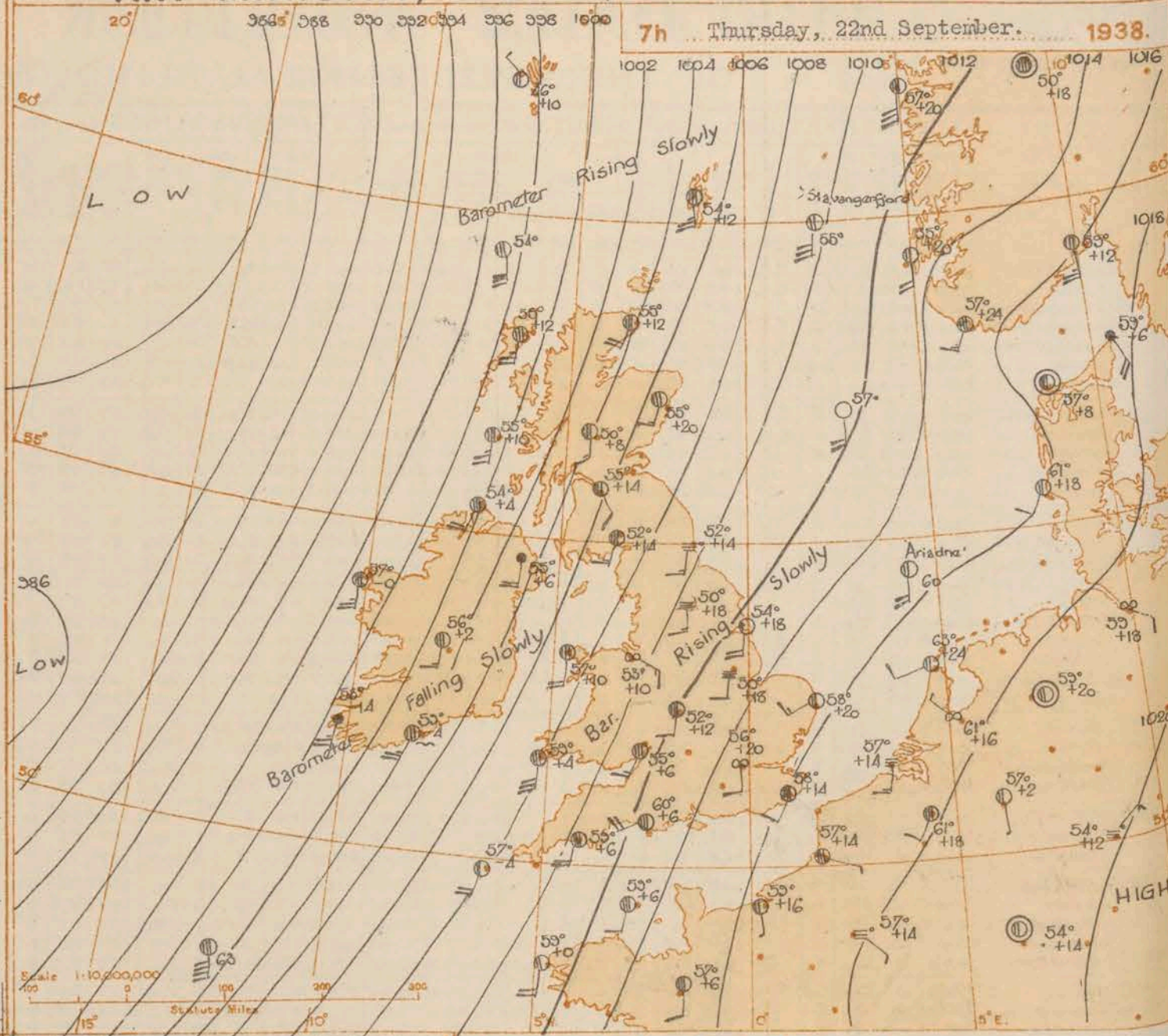
† Max. Temp. for period 21h. yesterday to 17h. to-day. Min. Temp. 21h. to 9h.

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

1 S.E. England	
2 E. England	Wind southerly, fresh, increasing to strong tomorrow; fair to-day,
3 E. Midlands	perhaps some rain tomorrow; rather warm.
4 W. Midlands	
5 S.W. England	
6 South Wales	Wind southerly, increasing to gale on coasts; fair at first, rain
7 North Wales	later; rather warm.
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 1 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. & B.N.W. Scotland.	As 5 - 8.
14 Mid Scotland	
15 N.E. Scotland	As 1 - 4.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	Wind southerly, strong to gale; cloudy; occasional rain; average
19 S.E. Ireland	temperature.
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 vigorous depression off the west of Ireland will move eastwards giving strong winds or gales in all areas. Rain now starting in the West will spread eastwards but will not affect eastern districts of England until tomorrow.

FURTHER OUTLOOK.

Unsettled.

TIMES OF ISSUE OF GALE WARNINGS.

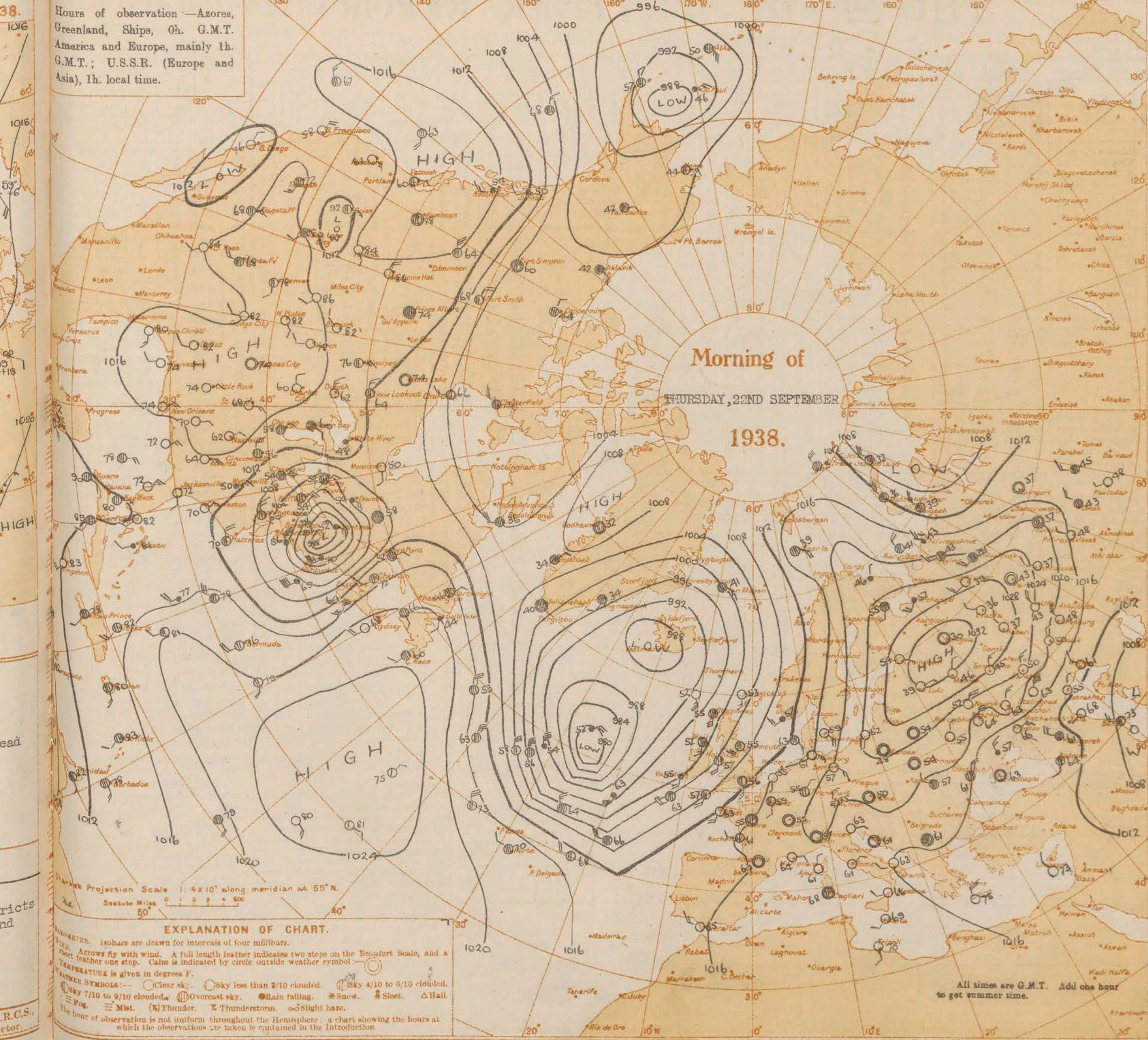
V South Cone hoisted at 0300 G.M.T. on 22nd in districts 12, 13A, 13B, 17, 18, 20 and at 0820 G.M.T. on 22nd in districts 5, 6, 7, 8, 19.

Forecasts issued at 0945 G.M.T.

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

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

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



AIR
MINISTRY.

THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday, 22nd September, 1938.

No. 28063.

OBSERVATIONS at 1 hr. G.M.T. 22nd September															OBSERVATIONS at 7 hr. G.M.T. 22nd September															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather.	Temp. °F. (8)	°C. (9)	Humid. % (10)	Cloud.				Barom. at 7 hr. (16)	Change in 3 hours (17)	Wind.		Weather.	Temp. °F. (20)	°C. (21)	Humid. % (22)	Visibility (23)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		Sun- shine (36)				
					Dir. (3)	Force (4)					Form. (11)	Amount. (12)	Height of Base. (feet) (14)	Dir. (18)			Force (19)	Form. (24)						Amount. (25)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)							
																																	Low (9)	Med. (10)		High (11)	Low (12)	Total (13)	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1014.6	+1.4	SSE	2	Z	55	92	6	5	-	1	1	2.3	2500	1	*	61	52	42	1	Tr	0.0				
	Croydon	217	1012.1	+1.2	SE	3	bc	56	92	6	5	4	2.3	2.3	4000	1015.0	+2.0	S	2	Z	56	92	6	3	4	Tr	4000	1	*	61	53	51	2	0.2	0.0				
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1014.1	+1.4	SSE	2	Z	52	97	7	1	-	1	Tr	Tr	2500	1	*	59	50	42	2	0.3	0.0				
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1013.7	+1.4	SE'S	3	Z	50	97	6	8	-	2	4.6	4.6	1500	1	*	58	47	45	1	0.1	0.0				
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1013.9	+1.0	SSE'S	3	F	59	85	8	2	-	5	2.3	2.3	2500	1	2	60	57	54	3	Tr	0.0				
	Lympe	346	1013.6	+1.0	SSW	2	Z	58	97	6	5	-	10	10	450	1016.1	+1.4	SSW	2	C	58	97	8	5	-	9	9	800	1	2	59	56	54	8	Tr	0.0			
	Manaton	142	1012.9	+1.0	SW'S	2	b	56	97	7	-	-	0	0	-	1016.0	+1.3	SE	1	C	58	97	6	8	-	7.8	7.8	2500	1	*	60	55	51	7	0.3	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1015.7	+1.4	WSW	2	b	58	97	6	-	4	-	0	1	-	1	*	61	56	48	1	0.3	0.0				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1015.3	+2.0	S	3	bc	60	92	7	7	3	-	2.3	2.3	2500	1	2	61	57	53	1	0.5	0.0				
	Gorleston	5	1011.9	+1.4	SSW	3	b	56	92	6	-	-	0	0	-	1015.1	+2.0	SW'S	3	bc	58	92	6	1	-	4.6	4.6	2500	1	2	62	54	51	1	0.4	0.0			
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1014.3	+1.5	SSE	2	Z	56	97	5	-	-	0	0	-	-	1	*	61	52	47	0.2	0.3	0.1				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1012.8	+1.5	S	2	if	50	97	3	5	4	4	4.6	7.8	220	0	*	60	47	42	Tr	Tr	0.2				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1012.2	+1.2	S	2	C	52	97	6	5	-	9	9	1500	1	*	59	50	46	-	1	0.0					
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1013.6	+1.0	SE	2	m	50	97	4	5	-	1	1	2.3	450	1	*	60	50	41	0.1	Tr	0.0				
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1011.5	+1.6	SW	3	C	55	92	7	5	-	2	7.8	9	2500	1	*	62	53	48	0.4	3	0.6				
5	Hartland Point	299	1007.8	+2.0	WSW	5	bc	57	85	8	2	-	2.3	2.3	1500	1009.3	+1.6	S	3	bc	56	92	8	2	4	1	2.3	4.6	1500	1	3	61	54	53	0.1	0.6	3.2		
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1012.2	+1.4	S	3	bc	55	92	7	5	4	4	1	4.6	1500	1	4	60	52	46	3	0.1	0.0				
	Portland Bill	32	1010.4	+1.4	WSW	3	C	59	92	8	5	-	7.8	7.8	2500	1012.2	+1.6	SW	4	C	60	92	8	5	4	-	4.6	7.8	2500	1	3	62	55	*	3	-	*		
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1010.9	+1.6	S	4	C	59	92	7	5	-	9	9	800	1	2	60	57	56	0.5	Tr	0.4					
	The Lizard	240	1009.5	+1.6	SW	4	bc	57	97	8	4	-	2.3	2.3	2500	1009.8	+2.0	SSW	5	C	58	97	7	8	2	-	4.6	7.8	2500	0	2	62	55	*	1	-	3.2		
	Scilly (St. Mary's)	103	1007.9	+1.4	SSW	4	bc	57	92	8	5	-	2.3	2.3	2500	1007.4	-1.4	SE	4	bc	57	92	8	5	4	2.3	4.6	2500	1	2	63	57	*	0.4	-	6.4			
	Guernsey	176	1012.2	+1.4	SSW	1	b	58	97	9	-	-	0	0	-	1013.3	+1.6	SE	2	C	59	92	8	2	7	-	7.8	9	1500	1	2	63	56	51	6	0.1	1.3		
7	Pembroke	142	1006.8	+1.0	SSW	5	bc	58	92	7	8	-	4.6	4.6	2500	1007.9	+1.1	S	6	C	59	97	7	8	-	7.8	7.8	2500	1	3	60	56	*	3	0.3	2.5			
	Holyhead	26	1004.8	+1.6	SSW	4	C	57	92	7	2	-	7.8	7.8	1500	1006.9	+1.0	S	4	C	57	92	8	5	7	8	7.8	3	800	1	2	62	56	53	0.3	1	5.3		
	Chester (Sealand)	18	*	*	*	*	*	*	*	*	*	*	*	1009.9	+1.0	SE	3	Z	53	85	6	-	7	-	0	9	-	0	*	63	52	46	-	Tr	1.8				
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1010.4	+1.8	SE'S	3	Z	53	92	6	7	3	-	2.3	7.8	5700	1	*	63	52	47	-	Tr	2.4				
10	Spurn Head	29	1009.2	+1.8	SSW	4	bcjp	55	92	6	5	-	4.6	4.6	4000	1012.5	+1.3	S	4	bif	54	97	6	-	-	1	0	1	-	1	2	61	53	*	-	Tr	0.0		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1010.0	+1.8	S	3	cf	50	97	3	5	5	9	2.3	9	220	1	*	62	49	48	-	-	1.6				
	Tynemouth	108	1006.1	+1.0	SW	3	bc	55	85	6	5	-	4.6	4.6	1500	1009.0	+1.4	S	3	m	52	92	4	5	4	1	4.6	4.6	800	1	1	62	52	4.5	-	-	2.6		
11	St Abbs Head	280	1004.9	+1.6	S	4	bc	52	92	8	5	4	9	2.3	4.6	2500	1006.8	+1.0	S	4	C	52	92	8	4	6	-	4.6	7.8	2500	1	3	65	50	*	-	Tr	*	
	Leuchars	38	*	*	*	*	*	*	*	*	*	*	*	1005.8	+1.4	ESE	1	C	55	85	8	5	3	8	2.3	7.8	4000	1	*	64	49	38	-	-	8.7				
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1005.0	+1.4	SSE	2	C	55	85	7	5	7	-	2.3	10	4000	1	*	63	52	46	1	2.3	5.2				
	Eskdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	1007.4	+1.4	SW	3	C	52	92	7	5	-	6	7.8	9	800	1	*	59	50	47	3	9	3.6				
	Point of Ayre	30	1004.1	+1.6	SW'S	4	bc	55	92	8	8	-	2.3	2.3	2500	1006.7	+1.2	SW'S	4	C	57	92	8	8	1	6	4.6	7.8	800	0	2	64	54	*	4	-	4.8		
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	999.9	+1.0	S	5	C	55	92	7	5	2	-	7.8	10	1500	1	3	59	52	49	8	0.3	6.8				
13b	Stornoway	80	998.1	+1.0	S	6	C	55	85	7	5	7	-	4.6	7.8	2500	999.8	+1.2	S	5	C	55	85	8	5	7	7	4.6	10	2500	1	3	58	53	*	0.2	0.3	5.9	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1004.5	+1.8	S	3	C	50	85	7	5	6	8	4.6	10	2500	1	*	57	48	41	2	2	3.4				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1007.5	+1.2	SW	3	C	55	92	6	5	7	6	4.6	9	1500	1	1	62	53	43	-	-	6.9				
	Wick	81	1000.9	+1.6	S	3	bc	54	92	8	5	1	-	2.3	2.3	1500	1003.2	+1.2	SSW	4	C	55	85	8	5	7	2	2.3	7.8	1500	1	2	58	54	*	-	-	3.1	
16	Lerwick	156	1002.1	+1.8	SE	3	b	53	97	7	-	-	0	0	-	1004.8	+1.2	S	5	C	54	92	6	5	-	1	4.6	7.8	1500	0	*	55	52	*	0.1	-	3.1		
17	Blackod Point	18	997.3	-1.4	S	5	RR	56	92</																														

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISCONT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 22nd September														OBSERVATIONS at 18h. G.M.T. 22nd September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity 0-9	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)	Dir.			Force	Form.					Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.	Amount.	Height of Base (feet)	Dir.	Force	Form.</

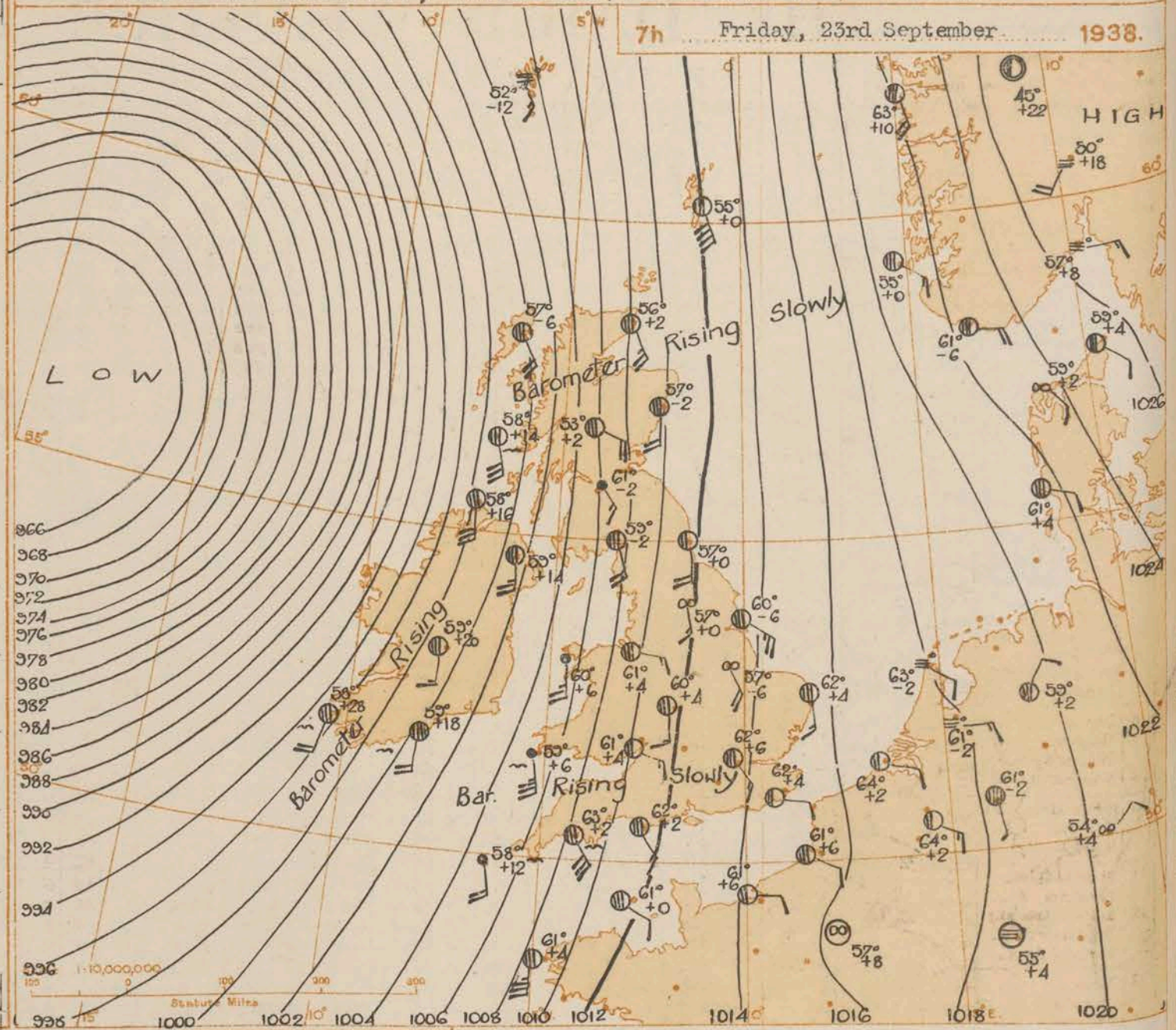
REPORTS from HEALTH RESORTS for 22nd September 1938.									
STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)		
	Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunrise to Sunset.	21st.
1 Tunbridge W.	b	b	55	63	-	-	10.1	0.0	
Bournemouth	b	b	54	63	Trace	-	8.5	0.1	
Ventnor	rb	bbc	57	71	3	-	9.9	0.0	
Southsea	b	b	55	66	-	-	10.2	0.0	
Bognor Regis	b	b	57	64	-	-	9.6	0.1	
Littlehampton	bc	bc	62	64	Trace	-	10.5	0.0	
Worthing	b	b	57	64	0.3	-	9.5	0.0	
Brighton	b	b	57	65	0.4	-	10.2	0.0	
Eastbourne†	bcu	b	59	67	Trace	-	10.3	0.0	
Hastings†	bbcb	b	59	66	0.5	-	9.5	0.0	
Folkestone	ub	bbc	58	63	0.5	-	8.7	0.0	
Dover	b	b	58	67	0.3	-	8.5	0.0	
Deal	bcbe	cb	58	68	0.3	-	8.7	0.0	
Ramsgate	bc	bc	58	66	0.2	-	9.0	0.0	
Margate	bc	bc	58	68	0.3	-	9.1	0.0	
2 Southend	bcu	b	58	72	0.3	-	9.8	0.1	
Claughton-on-Sea	bc	bc	54	66	0.4	-	9.3	0.0	
Dovercourt	dbc	bcu	53	67	1	-	9.5	0.0	
Lowestoft	b	b	54	66	0.6	-	10.2	0.0	
Skegness	b	b	54	61	Trace	-	10.2	0.2	
Mablethorpe	bbc	bc	51	69	-	-	9.2	0.2	
Cleethorpe	bc	bc	50	69	-	-	9.2	0.4	
3 Leamington S.	bc	bcu	52	68	-	-	5.5	0.3	
4 Cheltenham†	bcu	bcu	52	66	Trace	-	7.2	0.2	
5 Bath	bcu	bcu	50	67	Trace	-	7.6	0.0	
Weymouth	b	b	52	65	-	-	9.2	0.1	
Jersey	cbc	bc	57	69	-	-	9.5	0.1	
Torquay	ebcb	bcu	56	65	-	-	6.7	1.6	
Falmouth	e	c	55	66	Trace	-	7.3	1.2	
Penzance	cqbc	cqc	52	62	Trace	-	1.6	5.3	
St. Ives	c	c	51	65	-	-	1.5	4.7	
Bude	bc	bc	62	65	-	-	5.6	1.2	
Ilfracombe	bcu	bcu	54	66	3	-	7.6	2.1	
6 Aberystwyth	cbee	c	55	65	0.3	-	3.5	2.1	
7 Llandudno	c	c	55	65	2	-	0.1	3.7	
Colwyn Bay	c	c	54	64	0.5	-	0.1	3.5	
Rhyl	bcu	e	51	64	0.1	-	0.2	0.0	
8 Wallasey	bcu	c	52	65	Trace	-	2.7	2.1	
Southport	bc	bcu	51	65	0.5	-	4.4	4.4	
Blackpool	bcu	cac	51	64	1	-	3.2	5.8	
Morecambe	bcu	cbc	53	65	2	-	4.9	6.1	
9 Ilkley	bc	bc	63	64	-	-	5.4	2.2	
Harrogate	bcu	bcu	51	64	-	-	6.0	2.1	
10 Berwick-on-T.	c	mc	50	63	-	-	1.7	6.3	
11 Dunbar	bc	bem	52	62	-	-	0.0	7.3	
12 Troon	ropoc	e	54	61	5	Trace	2.0	6.2	
Douglas	c	c	54	61	-	-	0.6	5.4	

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd September, 1938.
1 S.E. England	Wind southeast to south, moderate or fresh; fair and very warm today; occasional rain tomorrow.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind southerly, fresh or strong locally; cloudy; occasional rain; rather warm.
5 S.W. England	
6 South Wales	Wind northerly, strong to gale; cloudy; occasional rain; average temperature.
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 1 - 3.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scotl. land.	As 5 - 8.
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 very deep depression centred 400 miles west of the Hebrides is moving slowly northwards and will begin to fill up. Winds will be southerly reaching gale force in western and northern districts. Rain is slowly moving from the west but the extreme east of England and probably the east of Scotland will remain fair and very warm today.

FURTHER OUTLOOK.
Unsettled.

TIMES OF ISSUE OF GALE WARNINGS.

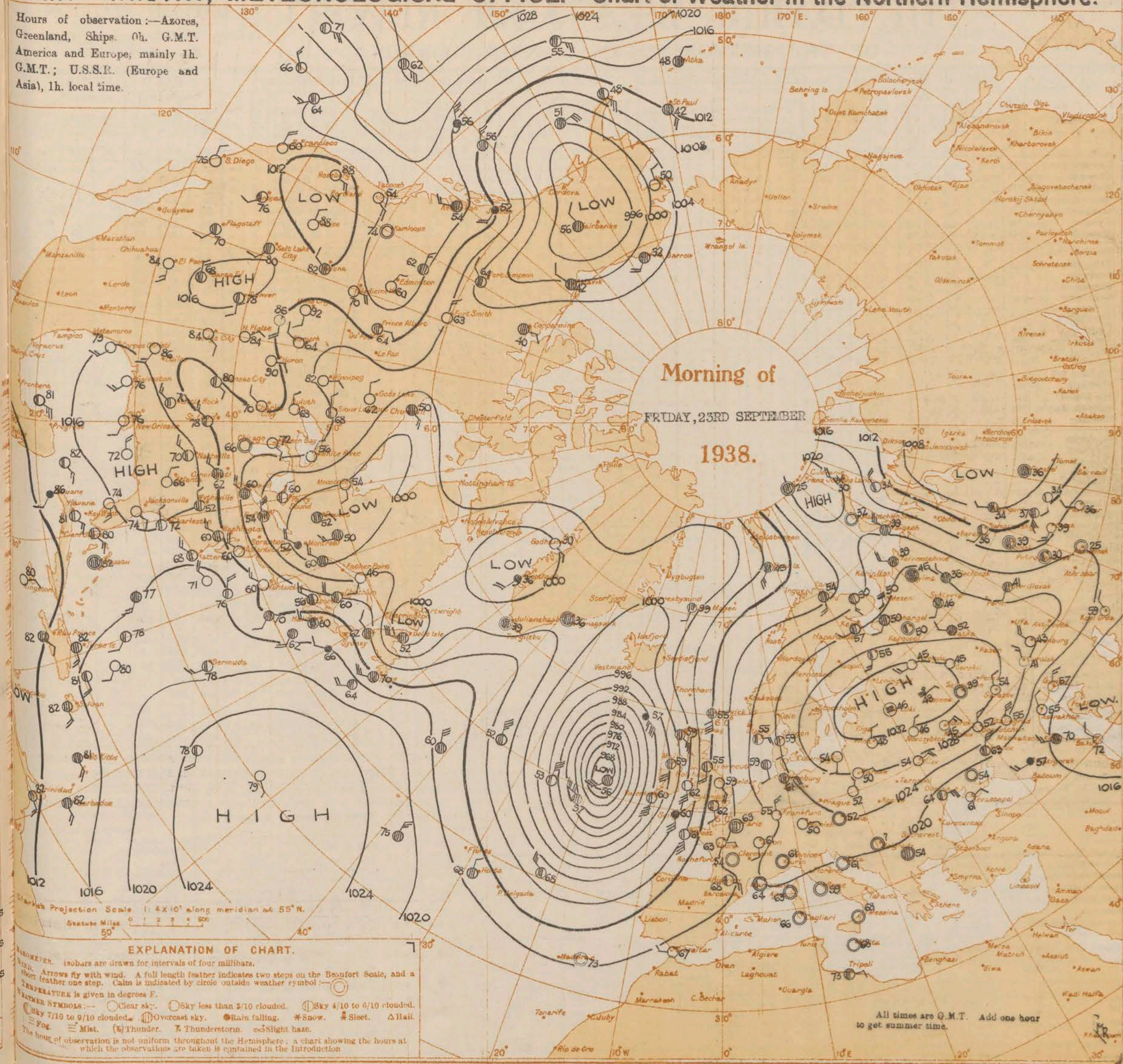
- South Cone hoisted at 0300 G.M.T. on 22nd in districts 11, 12, 13, 17, 18, 19, 20.
- South Cone hoisted at 0820 G.M.T. on 22nd in districts 5, 6, 7, 19.
- South Cone hoisted at 1645 G.M.T. on 22nd in districts 15, 16.

Forecasts issued at 1000 G.M.T. N. K. JOHNSON, M.Sc., A.R.C.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.

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THE DAILY WEATHER REPORT

BRITISH SECTION

Friday, 23rd September 1938.

No. 28064

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 23rd September															OBSERVATIONS at 7 hr. G.M.T. 23rd September															PAST 24 HOURS.								
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.						State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE.
					Dir.	Force					Form.			Amount.		Height of Base (feet).			Dir.	Force					Form.			Amount.		Height of Base (feet).			Max. Day 7h-13h °F.	Min. Night 13h-7h °F.	Min. on Grass °F.	Day 7h-13h in.	Night 13h-7h in.	
											Low	Med.	High	Low	Total										Low	Med.	High	Low	Total									
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1013.3	+4	ESE	2	Z	61	92	6	5	-	2	2-3	7-8	4000	1	*	67	56	45	-	-	10.3		
	Croydon	217	1014.2	-6	SE	2	bc	62	92	7	5	3	2	2-3	2-3	5700	1014.0	+6	SSE	3	C	62	85	7	2	4	3	Tr	7-8	5700	1	*	68	57	52	-	-	9.9
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	*	1012.7	+2	SESE	3	Z	61	92	6	5	3	-	4-6	9+	1500	1	*	68	56	51	-	Tr	9.5		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1011.9	+6	SSE	4	Z	61	97	6	5	7	8	9	9+	450	1	*	68	55	52	-	0.1	7.5		
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	1013.1	0	E	4	C	62	92	6	1	5	1	2-3	9	2500	1	2	65	61	60	-	-	10.1		
	Lympe	348	1016.2	-6	ESE	3	b	62	85	8	-	-	-	0	0	-	1015.6	+4	ESE	2	bc	62	85	8	5	5	6	4-6	4-6	4000	0	2	66	58	56	-	-	9.4
	Manston	142	1015.3	-10	ESE	2	b	61	92	7	-	-	-	0	0	-	1015.1	+4	SE	2	C	61	85	6	5	7	1	7-8	9	5700	1	*	68	59	55	-	Tr	8.3
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1014.4	+6	SE	2	C	62	92	7	8	8	2	2-3	7-8	4000	1	*	68	55	52	-	-	10.5		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1015.2	-2	SE/E	4	C	63	85	7	5	7	-	4-6	9+	4000	0	3	67	60	56	-	-	10.1		
	Gorleston	5	1016.4	-2	SSE	4	b	61	92	6	-	-	-	0	0	-	1015.7	+4	S	3	C	62	85	6	2	8	-	2-3	7-8	2500	1	2	66	60	59	-	-	9.0
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	1013.9	0	SE	2	C	61	92	6	8	3	9	1	7-8	2500	1	*	71	53	45	-	-	9.6		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1012.7	-6	SSE	4	Z	57	97	6	-	9	-	0	9	-	0	*	68	48	42	-	Tr	8.5		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1011.5	+4	S	3	O	60	92	8	5	-	-	9+	9+	800	1	*	65	54	49	-	-	8.6		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1012.7	+2	SSE	2	Z	60	97	6	5	3	-	7-8	9+	1500	0	*	68	54	48	-	-	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	+4	SE	3	bc	61	85	8	5	7	1	2-3	4-6	5700	1	*	67	57	52	-	1	5.8		
5	Hartland Point	299	1006.9	-5.4	S	5	b	62	85	8	5	-	-	1	1	1500	1006.6	+4	S	5	C	59	97	7	6	4	-	7-8	9	450	1	3	63	54	57	-	1	14.0
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	+2	E	2	C	59	92	7	5	3	2	4-6	7-8	5700	1	*	66	55	50	-	Tr	7.6		
	Portland Bill	32	1011.2	-4	SE	4	C	63	92	8	5	-	-	4-6	7-8	2500	1011.3	+2	SSE	3	C	62	92	7	5	-	9	9	2500	1	3	63	59	*	-	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	1008.8	+2	SSE	6	C	63	85	8	5	2	-	9+	10	1500	0	4	64	60	59	-	-	5.3		
	The Lizard	240	1006.7	-2	SSE	7	bc	59	92	8	4	-	-	2-3	2-3	2500	1006.7	+6	S	5	rr	58	92	6	5	2	-	9	10	1500	1	4	62	57	*	-	5.3	
	Scilly (St. Mary's)	163	1003.2	-8	SE	6	ir	60	92	7	5	-	-	10	10	1500	1005.3	+12	SE	4	ir	58	92	7	5	2	-	4-6	10	1500	1	3	63	57	*	0.3	7	4.4
	Guernsey	175	1011.1	+2	S	2	bc	63	97	7	-	1	-	0	2-3	-	1011.3	0	SE/S	2	C	61	97	6	-	7	8	0	7-8	-	1	2	66	60	55	-	-	7.3
6	Pembroke	142	1004.5	-4	SSE	8	bcq	61	85	7	8	-	-	4-6	4-6	2500	1005.0	+6	SE	7	rr	59	97	6	6	-	-	10	10	1500	1	4	61	53	*	-	6	3.8
7	Holyhead	26	1004.3	-10	SSE	5	b	62	92	7	6	-	-	1	1	1500	1004.6	+6	S	5	ir	60	85	8	6	2	-	7-8	10	1500	1	3	63	60	57	-	0.2	0.2
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	+4	ESE	3	C	61	85	7	5	3	-	4-6	9	2500	0	*	63	56	51	-	-	2.4		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	1009.7	+16	SSE	4	Z	62	85	6	7	3	-	2-3	7-8	4000	1	*	65	55	49	-	Tr	5.0		
10	Spurn Head	29	1013.9	-4	SE/S	4	b	59	92	6	-	-	-	0	0	-	1013.0	+6	SE/S	5	C	60	92	6	-	-	6	0	7-8	-	1	3	67	58	*	-	Tr	9.0
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	1011.0	0	SE	3	Z	57	97	5	5	-	-	10	10	800	1	*	64	49	40	-	-	3.7		
	Tynemouth	108	1011.7	-4	S	4	bc	55	92	7	2	-	-	2-3	2-3	1500	1010.6	0	S	4	bc	57	92	6	5	3	8	2-3	4-6	1500	1	2	63	53	50	-	-	1.1
11	St Abbs Head	280	1009.7	-6	S	5	bc	54	92	6	5	4	-	2-3	4-6	2500	1009.4	+8	SE	6	Cq	56	92	6	5	2	-	7-8	10	1500	0	3	61	54	*	-	-	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	1008.1	+2	ESE	4	Z	57	85	6	2	7	8	1	9	2500	1	*	64	55	47	-	-	2.8		
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	1005.1	-2	SSE	3	rr	61	85	6	5	2	-	2-3	9+	1500	1	*	65	57	54	0.1	1	2.1		
	Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1007.0	-2	SSE	4	C	59	85	7	5	7	1	4-6	9+	1500	1	*	64	53	47	0.3	-	2.0		
	Point of Ayre	30	1005.7	-14	SE	7	bc	59	92	8	8	-	-	2-3	2-3	1500	1005.7	+2	SE	4	C	59	97	8	5	2	-	7-8	10	1500	1	3	63	59	*	-	0.6	1.1
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1008.8	+14	SE	6	C	58	92	6	5	7	8	4-6	10	800	b	5	60	57	55	2	1	0.2		
13B	Stornoway	80	1002.3	-6	ESE	5	C	59	75	8	5	-	-	7-8	7-8	2500	1000.4	-6	SSE	4	Cpr	57	85	7	5	7	-	7-8	10	2500	1	2	60	57	*	0.2	1.0	
16	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1006.7	+2	SE	4	C	53	85	7	5	7	-	7-8	10	2500	0	*	59	51	48	1	1	1.8		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1009.7	-2	SW	4	C	57	92	6	5	-	-	9+	9+	450	0	2	61	55	52	-	-	4.0		
	Wick	81	1008.3	-10	S	7	bcq	56	92	7	5	7	-	2-3	4-6	1500	1007.8	+2	SSE	5	C	56	92	7	5	2	-	7-8	10	800	1	3	59	55	*	-	-	*
16	Lerwick	156	1012.2	+2	SSE	8	C	55	92	6	5	7	-	4-6	7-8	800	1011.9	0	SSE	8	C	55	92	6	9	2	-	4-6	10	450	0	*	56	(55)	*	-	-	6.0
17	Blacksod Point	18	990.6	-4	S	8	bcq	61	75	8	9	-	-	2.5	2.3	800	992.6	-32	S	8	bcq	59	92	7	9	-	-	4-6	4-6	800	0	5	62	51	*	0.2	6	*
18	Malin Head	84	994.7	-40	S	6	C	59	92	7	9	-	-	7-8	7-8	4000	996.5	+16	S	6	C	58	85	7	8	6	-	4-6	9	4000	0	3	62	56	*	0.2	0.2	
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	*	1001.2	+14	S	5	C	59	92	7	5	2	-	9	10	800	1	*	62	57	52	Tr	2	0.4		
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	999.1	+20	S	3	Cpr	59	85	8	3	2	-	2-3	10	1500	1	*	62	56	52	0.2	7	0.6		
20	Valentia Obsy. †	30	991.6	0	S	7	bcq	60	92	8	5	-	-	2-3	2-3	800	996.9	+28	SW	4	C	58	85	7	8	5	-	4-6	7-8	1500	1	4	62	56	51	8	2	0.1
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	+18	S	4	O	59	97	7	5	-	-	10	10	800	1	5	61	56	*	0.1	10	*		

LONDON OBSERVATIONS.														EXPLANATION OF FIGURES & LETTERS, etc.													
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.														Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.											
Height above M.S.L. in feet.		Weather.			Temperature.			Rainfall.		Sun- shine to Sunset hrs.		Humidity. 15h. G.M.T. 9h. G.M.T.		Atmospheric Pollution.		COLUMNS 3, 22 — Code for surface visibility.											
		Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day. mm.	Night. mm.	Yesterday.	To-day.	15h. G.M.T. %	9h. G.M.T. %	24 hrs. ended 7h. G.M.T. 23rd		Objects not visible at 55 yards.											
24 hrs. ended 9h.					°F.	°F.	°F.									COLUMNS 4, 18. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 5, 19. THE BRAUPORT 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.											
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																COLUMNS 9, 23. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 10, 24. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 11, 25. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 12, 26. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 13, 27. THE BRAUPORT 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.											
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																COLUMNS 25, 39. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 26, 40. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 27, 41. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 28, 42. THE BRAUPORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
																COLUMNS 29, 43. THE BRAUPORT 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.											
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																COLUMNS 31, 45. THE BRAUPORT 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.											
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																COLUMNS 42, 56. THE BRAUPORT 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.											
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																COLUMNS 62, 76. THE BRAUPORT 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.											
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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2

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

1) 1 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.

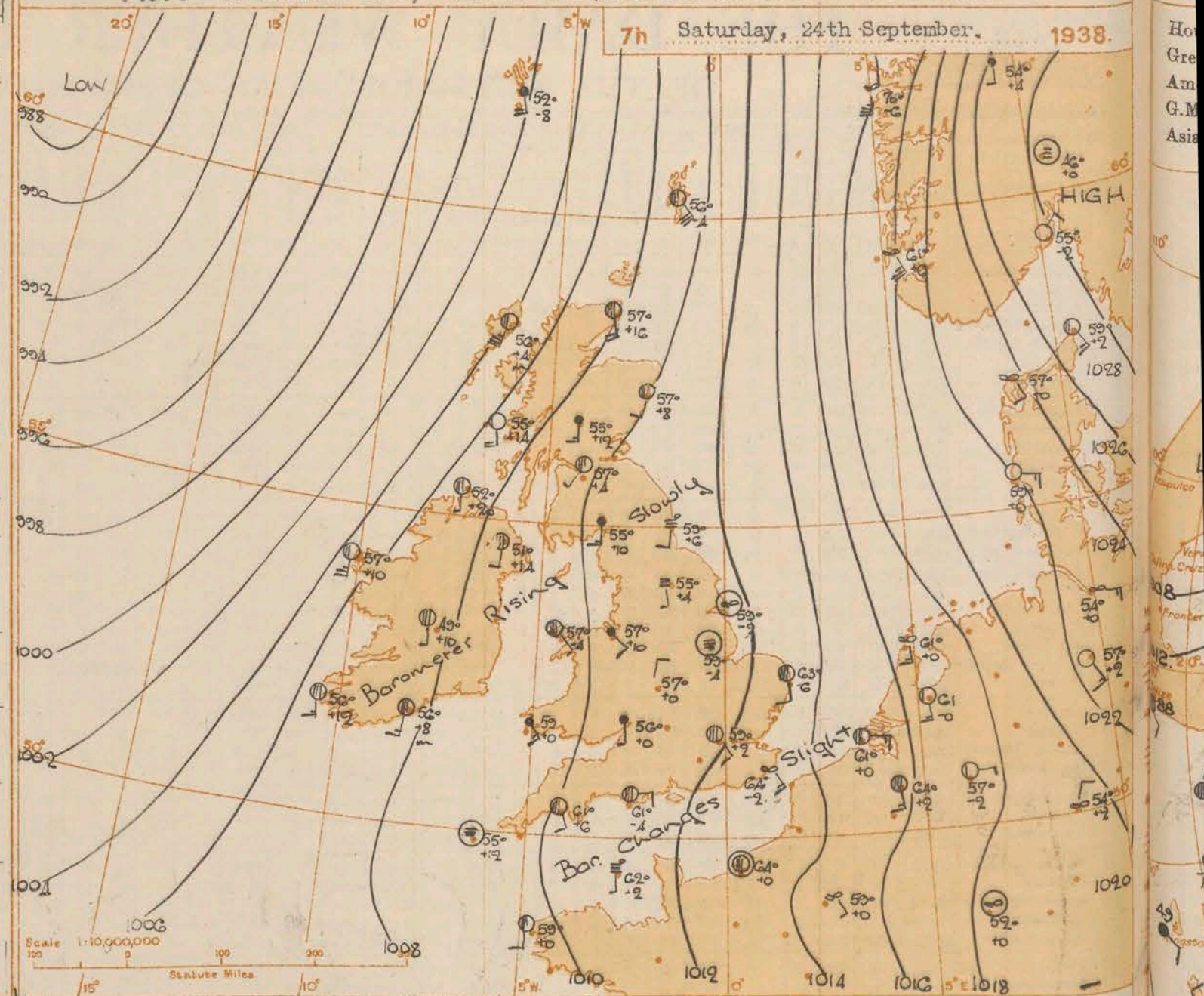
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 23rd September														OBSERVATIONS at 18h. G.M.T. 23rd September														PAST 24 HOURS.							
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visiblity 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visiblity 0-9	Cloud.					State of Ground. 0-9	Sea. 0-8	WEATHER.							
				Direc.	Force 0-12					Form.	Amount.	Height of Base (feet)	Direc.	Force 0-12			Form.	Amount.					Height of Base (feet)	Direc.	Force 0-12	Form.	Amount.			Height of Base (feet)	7h.—13h. 23rd.	13h.—18h. 23rd.	18h.—24th 24th.	1h.—7h. 24th.			
(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)	1012.6	-6	SE	3	bc	75	65	8	1	7	9	1	6	2500	1012.5	+4	SE	2	c	70	85	7	5	2	-	AC	10	2500	0	*	bcmb	bcprc	c	cmw		
	Croydon	1012.7	-10	SSE	4	C	76	55	8	1	4	7	1	7	4000	1012.8	+3	SE	1	c	70	85	7	4	7	-	AC	10	5700	1	*	bcmb	c	bcmb	cbcw		
	S. Farnborough	1012.1	-10	SSE	3	c	77	55	7	1	3	1	1	7	4000	1012.0	0	SE	2	c	67	85	6	5	7	-	AC	10	4000	0	*	cm, bcc	cbcc	cb	cirbc		
	Boscombe Down	1012.1	+2	S	4	qr	66	75	8	5	3	2	7	8	2500	1012.3	+2	SES	2	c	62	85	7	5	3	4	2	3	2500	0	*	cm, cprc	cprc	cbcbcc	cmw		
	Calshot (Stmntn.)	1013.2	+2	ES	1	C	64	32	8	7	5	-	4	6	4000	1012.9	-2	SE	2	c	64	72	6	4	7	1	7	8	4000	1	1	bcc	ccz	bcbccpr	bwm, bwm		
	Lympne	1015.0	-4	SE	3	b	70	75	7	-	4	1	0	1	-	1014.9	-2	SES	3	bc	69	75	7	5	4	2	7	8	5700	0	1	bcb	bcb	bcb	bcc		
	Manston	1014.2	+8	SE	3	b	71	75	6	-	1	0	1	-	-	1013.5	+2	SE	1	bc	69	75	6	5	3	2	7	8	5700	0	1	cbmo	bcbm	bcbm	bcbm		
2	Shoeburyness	1013.6	-10	SE	3	b	71	75	8	-	4	2	0	1	-	1013.3	0	SE	2	bc	67	85	8	-	4	2	0	AC	-	0	*	bcmb	bcb	bc	bcc		
	Pfistowe	1014.4	-6	SE	3	z	68	85	6	-	-	5	0	1	-	1013.9	+2	SE	2	z	65	92	5	-	8	9	0	2	-	0	2	cbcbm	bcbm	bc	bcbm		
	Gorleston	1014.6	-10	SE	3	bc	66	85	6	-	-	1	0	2	3	-	1014.1	+2	SE	2	c	65	85	5	5	4	-	AC	9	2500	0	2	cbcbm	bcbm	bc	bcbm	
	Mildenhall	1012.3	-14	SSE	4	bc	77	55	7	1	-	6	1	4	6	2500	1012.9	+3	SE	3	c	69	75	6	-	5	6	0	7	8	0	*	cm, bcc	c	cmw	cmw	
	Cranwell	1011.4	-14	S	4	c	74	65	8	2	5	3	3	3	2500	1011.9	+3	-	0	c	67	85	7	2	4	8	7	8	2500	0	*	cm, bcc	c	cmw	cmw		
3	Birmingham	1011.4	+2	S	3	c	68	75	8	6	7	-	2	3	9	2500	1011.4	+4	S	2	c	66	85	8	5	7	-	AC	9	2500	1	*	obcc	c	cbcc	cmw	
	Upper Heyford	1011.3	-2	SSE	3	c	71	75	7	8	7	6	4	6	9	2500	1012.0	+8	SSE	2	c	64	85	7	5	7	-	AC	10	1500	0	*	cm, bcc	c	cbcc	cmw	
4	Ross-on-Wye	1010.8	+4	SE	2	ir	64	85	8	5	7	-	7	8	9	2500	1010.9	0	S	3	c	63	85	7	4	7	1	7	8	2500	1	*	cm, bcc	c	cbcc	cmw	
5	Hartland Point	1007.8	+4	SSW	4	c	62	92	8	8	7	3	7	8	10	800	1008.0	-2	S	5	c	60	85	8	2	7	-	AC	9	1500	1	2	cm, c	c	cbcc	cmw	
	Bristol	1011.1	+4	S	3	qr	65	75	8	5	7	8	4	6	9	2500	1011.9	+10	S	2	c	62	85	7	-	7	8	0	7	8	1	3	cm	c	cbcc	cmw	
	Portland Bill	1012.7	+6	SE	3	b	63	92	7	5	4	-	7	8	10	2500	1012.4	+4	SE	2	c	62	85	7	5	4	-	7	8	2500	1	3	cm	c	cbcc	cmw	
	Plymouth	1009.4	0	S	5	c	63	75	8	5	7	-	2	3	9	2500	1010.3	+4	S	5	c/r	62	75	7	5	7	-	AC	9	2500	1	3	cm, c	c	cbcc	cmw	
	The Lizard	1007.7	+2	S	5	c	59	92	7	5	2	-	3	10	1500	1008.0	+4	SE	3	c/r	58	92	6	5	2	-	9	10	1500	1	4	cm, c	c	cbcc	cmw		
	Seilly (St. Mary's)	1006.1	0	SE	5	c/pr	60	97	7	8	7	-	4	6	10	1500	1005.7	+3	SE	3	c/r	59	92	7	8	7	-	AC	9	1500	1	4	cm, c	c	cbcc	cmw	
	Guernsey	1011.5	-2	SE	1	bc/pr	67	85	7	2	3	1	2	3	4	2500	1011.1	0	SE	1	c	63	85	7	5	3	-	AC	9	2500	1	1	cm, c	c	cbcc	cmw	
6	Pembroke	1007.4	+2	SE	5	bc	58	92	6	8	-	-	10	10	1500	1007.7	0	SE	7	rr	60	92	5	8	2	-	7	8	10	800	1	4	cm, c	c	cbcc	cmw	
7	Holyhead	1005.8	-2	S	4	ir	59	97	7	6	2	-	9	10	1500	1007.1	+2	SE	4	c	61	92	8	8	2	-	7	8	10	1500	1	2	cm, c	c	cbcc	cmw	
	Chester (Sealand)	1009.3	0	SE	3	c	65	75	7	5	2	-	7	8	10	5700	1009.7	+8	SE	4	c	65	75	8	5	7	-	7	8	10	4000	0	*	cm, c	c	cbcc	cmw
8	Manchester	1010.0	+4	SE	4	ir	68	75	6	5	7	-	4	6	10	4000	1010.4	+4	SE	1	z	65	75	5	5	7	-	7	8	10	2500	1	*	cm, c	c	cbcc	cmw
10	Spurn Head	1012.4	-4	SES	4	bc	64	85	6	8	7	6	2	3	4	2500	1012.0	-4	SES	3	c	61	85	6	3	2	7	2	3	10	2500	0	2	cm	c	cbcc	cmw
	Catterick	1010.1	-6	SE	1	z	67	85	6	5	3	-	9	9	4000	1010.3	+4	SE	2	c/r	65	85	6	5	7	-	7	8	9	2500	1	*	cm, c	c	cbcc	cmw	
	Tynemouth	1010.1	-2	SE	4	bc	62	85	6	2	3	-	2	3	4	1500	1010.5	0	SE	3	c	60	92	6	8	-	-	7	8	1500	1	2	cm	c	cbcc	cmw	
11	St. Abbs Head	1009.1	-2	S	5	c	59	92	6	4	6	2	4	6	9	2500	1008.3	+4	SE	3	c	58	92	6	5	2	-	7	8	10	2500	1	3	cm	c	cbcc	cmw
	Leuchars	1007.7	-2	ENE	3	c	62	85	6	5	7	7	4	6	10	4000	1008.5	-2	ENE	2	z	60	85	6	5	7	-	AC	10	4000	1	*	cm, c	c	cbcc	cmw	
12	Bentley (Abbots L.)	1007.2	+10	SSE	2	rr	60	92	5	6	1	-	10	10	1500	1007.5	+8	S	2	c	57	97	6	6	-	-	9	10	1500	1	*	cm, c	c	cbcc	cmw		
	Eskdalemuir	1008.4	+8	SW	5	bc	60	85	6	6	-	-	10	10	800	1008.2	+8	SE	4	c	61	75	7	5	-	-	10	10	1500	1	*	cm, c	c	cbcc	cmw		
	Point of Ayre	1007.3	+8	SW	3	ir	59	97	7	8	2	-	7	8	10	800	1007.6	+2	SSW	4	c	60	97	7	6	2	-	7	8	10	800	1	4	cm	c	cbcc	cmw
13	Tiree	1002.0	+14	SSE	6	c	60	85	7	5	1	-	7	8	10	2500	1002.4	+6	SE	3	c	58	85	6	5	9	9	2	3	2	2500	0	4	cm	c	cbcc	cmw
13	Stornoway	1002.4	+12	SSE	6	c	61	75	7	5	4	7	2	3	10	2500	1003.3	+4	S	4	c	58	85	7	5	5	7	2	3	10	2500	1	2	cm	c	cbcc	cmw
15	Dalwhinnie	1006.4	+8	S	5	RR	58	92	6	6	-	-	10	10	2500	*	+2	S	3	c	53	92	7	6	-	-	10	10	2500	1	*	cm	c	cbcc	cmw		
	Aberdeen	1003.8	-10	S	3	c	60	85	6	5	-																										

REPORTS from HEALTH RESORTS for 23rd September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Start to 17h.	Start to Sunset.
				9h. 22nd to 9h. 23rd.	9h. 22nd to 9h. 23rd.	17h. 22nd to 9h. 23rd.	9h. 22nd to 9h. 23rd.	22nd to 23rd.	22nd to 23rd.
1	Tunbridge W.	b	beb	57	75	-	-	8.5	10.1
	Bournemouth	cb	oc	60	67	-	0.5	1.0	8.7
	Ventnor	cb	cm	60	70	-	-	3.3	9.9
	Soursea	b	c	60	72	-	-	5.3	10.9
	Bognor Regis	cb	bc	61	67	Trace	-	4.0	9.3
	Littlehampton	bc	bc	61	70	-	-	6.6	10.6
	Worthing	beb	bbe	61	69	-	-	5.9	10.0
	Brighton	bbe	bbe	61	71	-	-	7.0	10.4
	Eastbourne	b	bbe	58	71	-	-	7.4	10.5
	Haarling	b	bbe	61	71	-	-	8.6	9.9
	Folkestone	bbe	beb	58	74	-	-	8.4	9.0
	Dover	bc	bc	61	74	-	-	8.1	8.7
2	Deal	cb	bbe	60	74	-	-	8.6	9.1
	Ramsgate	bc	bc	61	70	-	-	3.1	9.5
	Margate	beb	bbe	60	75	-	-	9.4	9.6
	Southend	b	b	60	75	Trace	-	9.4	10.1
	Clacton-on-Sea	bc	bc	60	67	Trace	-	8.5	9.9
3	Dovercourt	bc	bc	60	70	-	-	8.0	10.0
	Lowestoft	b	bbe	60	68	-	-	8.8	10.5
	Skegness	b	bbe	57	73	-	-	6.0	10.2
	Mablethorpe	bc	bbe	57	68	-	-	6.9	9.2
	Cleethorpe	bc	bbe	54	75	-	-	5.8	9.2
4	Leamington S.	bc	cor	54	72	-	0.5	3.2	5.5
	Cheltenham	cb	c	55	69	Trace	-	2.8	7.2
	Bath	cb	cb	58	69	-	Trace	1.3	7.6
	Weymouth	c	c	61	63	-	-	0.2	3.4
	Jersey	cb	bbe	59	71	-	-	3.0	9.9
5	Torquay	cb	c	60	68	-	-	0.6	5.7
	Falmouth	cb	cor	59	62	3	1	0.0	2.6
	Penzance	rc	rc	57	61	21	1	0.0	1.6
	St. Ives	r	r	51	63	30	3	0.0	1.5
	Bude	ro	o	60	63	2	-	0.0	5.6
6	Ilfracombe	cb	cb	59	66	-	Trace	1.5	7.6
	Aberystwyth	cb	c	57	63	1	2	0.0	3.5
	Llandudno	rc	rc	58	63	0.1	1	0.2	0.1
	Gwynn Bay	cb	cb	58	69	0.3	1	0.2	0.1
	Rhyl	cb	cb	57	70	Trace	0.6	0.5	0.2
7	Wallassey	c	c	56	66	-	-	0.0	2.7
	Southport	cb	cb	56	66	Trace	-	0.0	4.4
	Blackpool	cb	cb	56	65	Trace	Trace	0.0	3.2
	Morecambe	c	c	58	67	-	-	0.4	4.9
	Ilkley	cb	cb	58	69	-	Trace	0.9	5.4
8	Harrogate	cb	cb	50	70	-	Trace	0.8	2.0
	Berwick-on-T.	c	c	54	67	-	Trace	0.3	1.2
	Dunbar	cb	cb	54	71	-	Trace	3.2	0.0
	Troon	cb	cb	58	61	Trace	2	0.0	2.0
	Douglas	cb	c	57	59	3	4	0.0	0.6

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 2% sh.

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th September, 1938.
1 S.E. England	Wind southeast, light or moderate; fair and very warm.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind southeast, light or moderate; cloudy; occasional rain today; fair tomorrow; rather warm.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	As 1 - 3.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	As 4 - 8.
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scotl. land.	Wind southerly, moderate or fresh or strong locally; bright intervals but some 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

6.732/2597, 41.8065, 37.99, 27.300, 4/28

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 to the south of Iceland is filling up and shallow secondaries over the Bay of Biscay are likely to move slowly northwards. There will be cloudy weather with occasional rain in the West but it will remain fair and warm in the East.

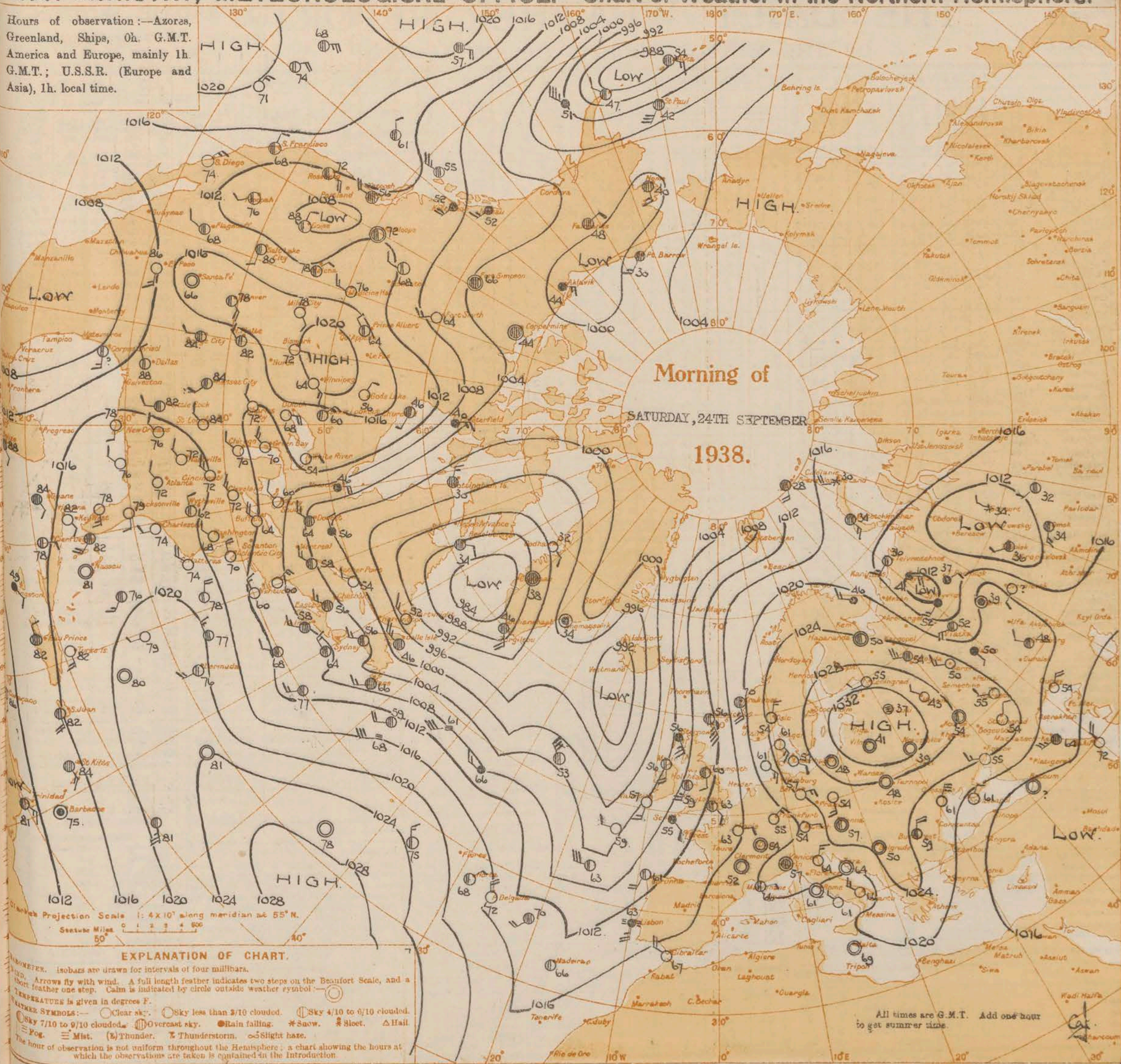
FURTHER OUTLOOK.

Fair in eastern districts.

Forecasts issued at 1000 G.M.T. N. K. JOHNSON, M.Sc., A.R.C.S. Director.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday, 24th September, 1938
No. 28065.

OBSERVATIONS at 1 hr. G.M.T. 24th September														OBSERVATIONS at 7 hr. G.M.T. 24th September														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					State of Ground.	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs.		
					Dir.	Force					Form.	Amount.		Height of Base. (feet)	Dir.			Force	Form.					Amount.		Height of Base. (feet)												
												Low	Med.											High	Low		Total	Low			Med.	High	Low	Total				
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1011.6	+2	ESE	1	Z ₀	61	92	6	-	7	2	0	9	-	0	*	73	57	48	Tr	Tr	6.9		
	Croydon	217	1012.3	-6	SE	2	Z ₀	63	92	6	5	-	7-8	10	5700	1012.0	+2	SE'S	2	C	59	92	7	-	9	9	0	9	-	1	*	77	57	53	-	-	6.3	
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	*	1011.5	+6	E'S	1	Z ₀	59	92	6	-	3	-	0	9	-	1	*	77	58	51	-	-	3.5		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1011.0	-2	-	0	Z ₀	59	97	6	5	-	-	10	800	0	*	71	55	54	Tr	Tr	2.6			
	Calshot (Stratton)	8	*	*	*	*	*	*	*	*	*	*	*	*	1011.6	-2	SE	2	Z ₀	62	97	6	5	7	-	4-6	9	4000	1	1	67	59	55	-	-	4.0		
	Lymington	348	1014.2	+8	SE	4	bc	67	75	7	5	-	4-6	4-6	5700	1013.3	-2	SE	3	Z ₀	64	85	6	3	3	4	4-6	7-8	5700	0	3	73	63	60	-	-	8.8	
	Manston	142	1013.3	-2	SE'S	2	b	64	85	7	-	-	0	0	-	1012.8	0	SE'E	3	C	63	85	6	5	7	-	4-6	9	5700	0	*	74	62	59	-	-	9.3	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	+4	ESE	2	C	63	92	7	7	-	-	7-8	7-8	4000	1	*	73	61	53	-	-	9.4		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1012.7	0	SE'E	3	C	63	92	7	5	7	6	4-6	7-8	5700	0	2	70	62	59	-	-	8.0		
	Corleston	5	1013.8	-6	S	2	b	62	85	6	-	-	0	0	-	1012.8	-6	SE	2	C	63	92	6	5	3	-	4-6	7-8	2500	0	2	68	62	60	-	-	8.4	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	*	1012.0	+6	E'S	2	Z ₀	61	92	6	8	9	6	4-6	9	4000	1	*	73	58	50	-	-	8.6		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1011.2	-4	-	0	F+	59	97	1	-	-	-	10	10	450	1	*	77	55	51	-	-	6.1		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1011.5	0	NNE	2	ir	57	92	4	-	2	-	0	10	-	1	*	65	55	48	-	-	1.7		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1011.8	+2	N'E	1	Z ₀	59	97	6	5	-	-	10	10	450	0	*	73	52	50	Tr	0.1	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1011.1	0	S	1	ir	56	97	4	-	2	-	10	10	800	1	*	67	55	51	0.4	1	1.3		
5	Hartland Point	299	1009.7	+4	S	3	c	59	92	8	5	-	9	9	1500	1009.0	+2	SE	3	ir	58	92	8	6	2	-	4-6	9	1500	1	3	63	57	56	3.2	2	0.0	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	*	1010.9	-2	-	0	ir	56	97	6	6	2	-	4-6	10	2500	1	*	67	55	51	0.1	1	0.5		
	Portland Bill	32	1012.6	+10	SE	2	bc	60	85	7	5	-	4-6	4-6	2500	1010.4	-4	E	2	C	61	92	7	5	4	-	7-8	10	2500	1	3	64	57	*	-	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	+6	SE'S	2	C	61	75	8	5	7	-	9	10	1500	1	2	64	58	56	Tr	Tr	0.0		
	The Lizard	240	1009.5	0	SE'S	2	C	57	97	7	5	-	10	10	1500	1008.6	0	SE'S	2	m	57	97	4	5	-	-	10	10	800	1	3	60	56	*	2	3	0.0	
	Scilly (St. Mary's)	163	1008.6	+2	SE'S	2	ir	55	97	6	5	2	-	7-8	10	1500	1008.7	+12	-	0	cf	55	97	3	5	7	6	2-3	7-8	800	1	1	60	54	*	4	3	0.0
	Guernsey	175	1010.9	-2	NW	1	m	61	97	4	-	2	-	0	10	-	1010.3	+2	SSE	1	m	62	97	4	5	-	-	10	10	1500	1	2	68	58	55	0.4	-	4.4
6	Pembroke	142	1009.3	+10	S	4	ir	59	92	7	5	2	-	7-8	10	1500	1009.3	0	SE	3	dd	59	97	6	5	2	-	7-8	10	2500	1	3	60	56	*	5	2	0.0
7	Holyhead	26	1007.9	+2	SW'S	5	C	59	92	7	5	2	-	4-6	10	1500	1009.2	+4	SE	1	C	57	97	8	5	2	-	7-8	10	450	1	2	61	56	58	5	Tr	0.0
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	1011.4	+10	SE'E	2	rr	57	97	4	-	2	-	10	10	800	1	*	67	57	54	-	-	0.2		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	1011.6	+6	SE	1	ir	57	92	4	5	2	-	4-6	10	2500	1	*	68	57	55	Tr	1	0.1		
10	Spurn Head	29	1012.7	0	SE	2	bc	62	97	7	5	-	2-3	2-3	2500	1011.8	-2	SE'E	2	cf	59	97	5	5	9	4	4-6	9	2500	1	1	64	58	*	-	-	6.3	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	1011.3	+2	SE	1	cf	55	97	2	5	7	-	7-8	10	1500	1	*	63	55	53	0.1	1	1.3		
	Tynemouth	108	1011.0	0	S	2	C	60	92	6	8	-	7-8	7-8	1500	1011.0	+6	SSW	2	m	59	92	4	5	1	-	9	9	2500	1	1	68	58	55	-	-	4.5	
11	St. Abbs Head	280	1010.0	0	SE	3	C	57	92	6	6	2	-	7-8	10	2500	1010.1	+4	S	2	C	57	92	7	4	6	-	7-8	9	2500	1	2	65	55	*	0.1	1	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	1009.6	+10	S	1	C	60	85	7	5	7	8	4-6	10	2500	1	*	65	58	58	-	-	0.2		
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	1008.1	+4	SW'S	1	ir	57	92	6	5	2	-	7-8	9	1500	1	*	62	55	54	7	3	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1010.5	+10	S	3	ir	58	92	7	6	2	-	2-3	10	800	1	*	65	54	53	0.8	Tr	0.4		
	Point of Ayre	30	1008.6	+2	SW	3	ir	59	97	7	6	2	-	7-8	10	800	1009.7	+16	SW	1	C	58	97	7	8	2	-	4-6	10	1500	1	2	60	57	*	7	1	0.1
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1006.2	+14	S	4	b	55	85	8	2	1	8	1	2-3	1500	1	3	61	53	51	-	-	1.4		
13B	Stornoway	80	1003.7	0	SSE	5	pr	56	85	7	5	2	-	7-8	10	1500	1004.0	+4	SSW	7	bc	56	92	8	5	-	5	4-6	4-6	1500	1	4	65	55	*	Tr	0.4	2.6
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	+12	S	3	ir	55	85	7	5	-	-	10	10	2500	1	*	59	52	50	11	11	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	+8	SW	2	C	57	92	6	-	7	8	0	7-8	-	1	1	61	57	53	1	Tr	0.3		
	Wick	81	1007.4	-4	SSE	3	C	57	97	6	5	1	-	7-8	9	800	1007.1	+16	SSE	4	C	57	92	7	5	1	-	7-8	9	800	1	3	60	56	*	-	-	*
16	Lerwick	156	1010.3	-2	SSE	7	C/pr	56	92	6	6	2	-	4-6	10	800	1008.5	-4	SE	6	C	56	97	6	5	2	-	4-6	9	450	1	*	59	55	*	-	-	8.0
17	Blackod Point	18	1002.2	+12	S	4	bcq	57	92	8	-	4	-	0	2-3	-	1004.3	+10	S	5	bcq	57	92	8	4	-	-	4-6	4-6	1500	0	3	62	55	*	-	-	*
18	Malin Head	84	1008.2	+4	S	4	bc	56	92	7	5	-	2-3	2-3	2500	1006.8	+20	S	1	C																		

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 24th September.														OBSERVATIONS at 18h. G.M.T. 24th September.														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	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					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)	7h.—13h. 24th.	13h.—18h. 24th.	18h.—24th 1h.—25th.	1h.—2h. 25th.
(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)	(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)	1012.1	-2	SE	2	c	71	65	8	4	2	-	7-8	3+	1500	1011.8	+2	SW	2	r	66	85	6	6	2	-	7-8	10	1500	1	*	cm.c	cm.c	cm.c	cm.c
	Croydon	1012.4	-2	S	3	c	71	65	7	5	9	-	2-3	3+	5700	1011.9	+2	S	1	r	64	92	6	6	2	-	9	10	4000	1	*	cm.c	cm.c	cm.c	cm.c
	S. Farnborough	1011.7	0	SSE	2	c	68	75	7	5	7	-	7-8	3+	1500	1011.4	+2	-	0	ir	65	85	6	5	2	-	9	10	1500	1	*	cm.c	cm.c	cm.c	cm.c
	Boscombe Down	1011.4	-2	SE	2	c	66	85	7	5	7	-	4-6	10	1500	1011.8	+4	WNW	2	r	61	97	6	6	2	-	4-6	10	800	1	*	cm.c	cm.c	cm.c	cm.c
	Calshot (Sthmtn.)	1012.2	+2	-	0	z	67	85	6	5	3	-	4-6	5+	4000	1012.2	+2	WSW	2	r	62	97	5	6	2	-	7-8	10	800	1	*	cm.c	cm.c	cm.c	cm.c
	Lymington	1013.5	-2	SE	2	c	65	85	7	2	9	-	2-3	7-8	4000	1012.6	-4	SEE	2	ir	65	85	6	5	7	-	4-6	10	2500	0	\$	0	0	0	0
	Manston	1012.5	-2	SSE	3	c	68	85	6	8	3	6	4-6	7-8	7200	1011.9	-2	SE	2	pr	66	85	6	8	2	-	4-6	3+	1500	0	*	cm.c	cm.c	cm.c	cm.c
2	Shoeburyness	1012.3	-6	S	2	pr	67	85	7	5	7	-	1	3+	4000	1011.8	-4	SE	1	c	66	85	7	8	7	-	7-8	10	4000	1	*	cm.c	cm.c	cm.c	cm.c
	Felixstowe	1012.8	-2	SE	3	c	67	85	7	7	3	5	4-6	3	4000	1012.2	-2	SE	1	z	65	92	6	8	2	-	7-8	10	2500	0	2	cm.c	cm.c	cm.c	cm.c
	Gorleston	1014.2	-2	SE	3	bc	67	85	6	-	-	1	0	4-6	-	1012.4	-2	SE	3	c	64	85	5	5	3	-	4-6	3	2500	0	2	cm.c	cm.c	cm.c	cm.c
	Mildenhall	1011.6	-6	SE	4	pr	75	75	7	8	2	-	7-8	3+	2500	1011.1	-2	SSE	2	pr	69	85	6	8	7	-	7-8	10	4000	0	*	cm.c	cm.c	cm.c	cm.c
	Oranby	1011.4	-6	S	2	z	68	85	6	5	7	7	2-3	3+	5700	1011.2	0	WNW	1	z	67	85	5	5	7	-	7-8	3+	4000	0	*	cm.c	cm.c	cm.c	cm.c
3	Birmingham	1011.6	-2	ESE	1	0	62	85	5	5	-	-	10	10	800	1011.8	0	SW	1	r	61	92	5	-	2	-	10	10	5700	1	*	cm.c	cm.c	cm.c	cm.c
	Upper Heyford	1011.6	-2	S	1	z	67	85	6	5	7	-	7-8	3+	1500	1011.7	+2	WSW	3	r	64	85	6	5	7	-	2-3	10	1500	0	*	cm.c	cm.c	cm.c	cm.c
4	Ross-on-Wye	1010.8	-8	EN	2	c	65	85	7	1	7	-	2-3	10	2500	1011.4	0	SE	1	d	61	92	7	6	2	-	2-3	10	2500	1	*	cm.c	cm.c	cm.c	cm.c
5	Hartland Point	1009.9	+4	W	4	c	61	92	8	8	2	-	4-6	3	1500	1010.6	+4	SE	2	r	59	92	7	6	7	-	7-8	3+	800	1	2	cm.c	cm.c	cm.c	cm.c
	Bristol	1011.1	-6	SE	2	c	65	85	7	5	7	8	2-3	3	4000	1011.6	-2	SW	1	r	61	97	6	5	2	-	2-3	10	2500	1	*	cm.c	cm.c	cm.c	cm.c
	Portland Bill	1011.4	+4	S	2	f	62	92	2	5	-	-	10	10	1500	1010.8	-8	ENE	2	c	60	92	7	5	4	-	4-6	3	2500	1	3	cm.c	cm.c	cm.c	cm.c
	Plymouth	1011.4	+4	SW	2	r	60	97	7	6	-	-	10	10	800	1010.6	+2	-	0	c	60	85	8	5	2	-	3+	10	1500	1	2	cm.c	cm.c	cm.c	cm.c
	The Lizard	1011.0	0	ESE	2	r	58	97	6	5	-	-	10	10	1500	1010.5	0	ENE	1	r	57	97	6	5	2	-	3	10	1500	1	2	cm.c	cm.c	cm.c	cm.c
	Seilly (St. Mary's)	1010.0	+2	SEE	2	c	61	92	7	5	7	-	4-6	3	1500	1009.9	+2	SEE	2	r	58	97	5	5	-	-	10	10	800	1	2	cm.c	cm.c	cm.c	cm.c
	Guernsey	1011.0	+4	W	1	pr	65	85	6	5	-	-	10	10	1500	1010.4	-2	-	0	0	60	97	7	5	-	-	10	10	2500	1	1	cm.c	cm.c	cm.c	cm.c
6	Pembroke	1010.0	+2	SW	3	id	59	97	6	5	-	-	10	10	800	1010.6	+2	SW	1	c	59	92	7	8	-	-	3	3	2500	1	2	cm.c	cm.c	cm.c	cm.c
7	Holyhead	1009.8	+2	WSW	3	c	61	92	8	7	-	8	7-8	3	4000	1009.8	+2	SE	1	c	60	92	8	7	1	-	4-6	10	2500	1	1	cm.c	cm.c	cm.c	cm.c
	Chester (Sealand)	1011.2	-2	SE	3	z	64	85	6	3	7	-	4-6	7-8	2500	1010.6	-2	ESE	2	r	63	85	5	-	2	-	10	10	4000	1	*	cm.c	cm.c	cm.c	cm.c
8	Manchester	1011.6	+2	-	0	ir	63	85	5	5	2	-	4-6	10	2500	1011.0	-2	SE	1	ir	63	85	4	-	2	-	0	10	-	1	*	cm.c	cm.c	cm.c	cm.c
10	Spurn Head	1012.1	+4	ENE	2	z	66	92	5	-	1	8	0	7-8	-	1011.3	-6	NWN	1	z	60	92	5	5	2	-	7-8	10	2500	0	1	cm.c	cm.c	cm.c	cm.c
	Catterick	1011.4	-4	SSE	1	z	63	85	6	5	7	-	4-6	3+	2500	1011.2	0	-	0	z	60	92	6	-	7	7	0	10	-	1	*	cm.c	cm.c	cm.c	cm.c
	Tynemouth	1011.5	0	SSE	1	c	59	92	5	8	-	-	3	3	1500	1011.3	0	SSE	2	c	59	85	6	8	-	-	3	3	1500	1	1	cm.c	cm.c	cm.c	cm.c
11	St. Abbs Head	1011.0	0	SSE	2	r	58	92	6	3	2	-	7-8	10	1500	1010.9	+2	SSE	2	c	57	92	5	5	6	-	4-6	3+	1500	1	1	cm.c	cm.c	cm.c	cm.c
	Leuchars	1010.4	0	S	1	c	59	92	7	5	7	-	2-3	10	1500	1010.9	+2	E	1	c	58	92	7	5	7	-	7-8	3+	2500	1	*	cm.c	cm.c	cm.c	cm.c
12	Renfrew (Abbots I.)	1009.8	-2	W	1	c	62	75	7	8	3	-	3	3+	2500	1010.0	+2	E	1	c	58	97	5	5	-	-	3+	3+	4000	1	*	cm.c	cm.c	cm.c	cm.c
	Baldernmuir	1010.5	0	SSW	2	d	58	92	6	6	2	-	7-8	10	1500	1011.4	+4	SW	2	c	58	92	7	5	1	-	4-6	3	1500	1	*	cm.c	cm.c	cm.c	cm.c
	Point of Ayre	1010.3	0	SW	3	dd	58	97	6	8	2	-	7-8	10	800	1010.3	0	NWN	1	c	59	92	8	5	3	-	7-8	3	800	1	1	cm.c	cm.c	cm.c	cm.c
13a	Tires	1007.3	+2	SSW	5	c	59	75	7	2	5	6	1	7-8	1500	1007.3	+4	SW	3	bc	57	85	7	4	4	1	4-6	2500	0	2	cm.c	cm.c	cm.c	cm.c	
13b	Stornoway	1006.5	+12	SSW	6	c	60	75	8	5	5	4-6	7-8	2500	1006.7	+2	S	6	c	56	85	7	8	5	5	4-6	7-8	1500	1	3	cm.c	cm.c	cm.c	cm.c	
15	Dalwhinnie	1009.5	-2	S	3	c	61	65	8	4	5	1	2-3	7-8	4000	1010.5	+2	S	3	c	55	85	3	4	6	-	4-6	3	4000	0	*	cm.c	cm.c	cm.c	cm.c
	Aberdeen	1010.1</																																	

7h Sunday 25th September 1938

A hand-drawn weather map of the British Isles and surrounding regions, dated Sunday 25th September 1938. The map is titled "AIR MINISTRY" and "7h Sunday 25th September. 1938." It shows isobars (lines of equal pressure) and isotherms (lines of equal temperature). Key locations marked include Caledonia, Samaria, and Cretafield. The map is titled "AIR MINISTRY" and "7h Sunday 25th September. 1938." It shows isobars (lines of equal pressure) and isotherms (lines of equal temperature). Key locations marked include Caledonia, Samaria, and Cretafield.

Max. Temp. for period 24h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

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 eastwards and shallow disturbances over France and off the mouth of the Channel are likely to move north-northeast and fill up. In the north there will be showers and bright periods today with more general rain spreading eastwards during the night. Cloudy or dull weather with intermittent rain will continue in the south.

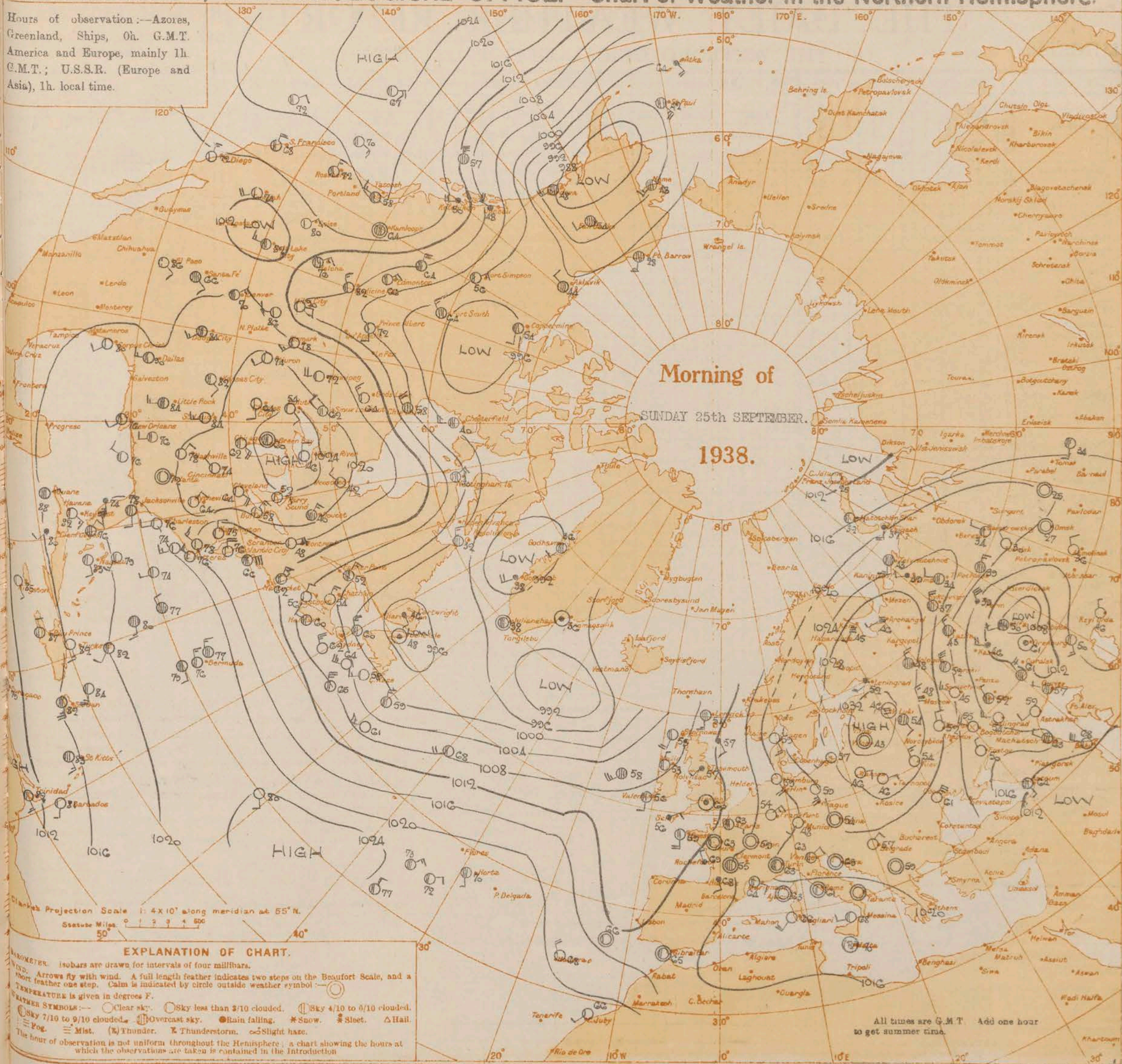
FURTHER OUTLOOK.

Showers and bright periods.

Forecasts issued at 1000 G.M.T. N. K. JOHNSON, M.Sc., A.R.C.S.
Director.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 25th September.														OBSERVATIONS at 7 hr. G.M.T. 25th September.														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. (9)	Cloud. (10-14)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud. (23-27)					State of Ground. (28)	Sea. (29)	TEMPERATURE. (31-33)			RAINFALL. (34-35)		SUN-SHINE (36)		
					Dir.	Force (0-12)					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet) (14)	Dir.					Force (0-12)	Low	Med.	High	Low 0-10			Total 0-10	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)
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1011.4	+8	-	0	0	0	0	61	97	4	-	2	-	10	10	1500	1	*	72	60	59	2	3	1.3	
	Croydon ...	217	1010.7	-6	-	0	10	60	97	5	6	2	-	46	10	1500	1011.5	+10	-	0	0	60	97	4	-	2	-	10	10	2500	1	*	72	59	58	3	28	1.2
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1011.2	+8	-	0	0	0	59	97	5	5	-	-	10	10	450	1	*	70	58	57	0.3	5	0.3		
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1011.7	+8	ESE	1	1	1	57	97	6	5	-	-	10	10	300	1	*	67	56	55	2	2	0.1		
	Calshot (St. Hilda's) ...	8	*	*	*	*	*	*	*	*	*	*	*	1011.8	+10	ESE	2	2	2	61	97	6	5	-	-	10	10	800	1	*	68	59	58	1	1	0.1		
	Lymington ...	346	1011.9	-6	5	2	9	63	97	6	5	7	-	7.8	9+	4000	1012.3	+8	NW	1	1	61	97	2	-	-	10	10	450	1	3	69	61	61	1	3	1.9	
	Manston ...	142	1010.6	-4	SE	5	3	64	97	6	5	-	-	10	10	7200	1011.4	+14	SW	2	2	63	97	6	5	-	10	10	5700	1	*	71	61	60	Tr	2	3.5	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1011.5	+14	W	1	1	1	61	92	5	-	7	-	0	10	-	1	*	72	58	53	0.1	2	3.5		
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1011.1	+10	-	0	0	0	62	97	4	5	-	-	9+	9+	1500	1	1	69	62	59	-	1	4.2		
	Gorleston ...	5	1010.6	-8	SSW	1	0	62	92	5	6	-	-	10	10	1500	1010.8	+8	-	0	0	62	97	4	6	-	-	10	10	800	1	1	67	62	60	-	6	6.2
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	1011.1	+10	-	0	0	0	58	97	5	6	2	-	2.3	10	2500	1	*	77	57	57	Tr	19	3.0		
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1011.4	+10	-	0	0	0	56	97	5	5	7	-	4.6	9+	4000	1	*	71	55	52	Tr	4	0.2		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1011.5	+6	W	1	1	1	55	97	5	-	7	-	0	7.8	-	1	*	64	55	49	0.4	2	0.0		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1012.1	+4	NW	1	1	1	56	97	7	5	2	-	4.6	10	2500	1	*	70	55	53	0.1	2	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1011.1	+6	-	0	0	0	54	97	3	5	-	-	10	10	220	1	*	66	53	49	1	0.2	0.6		
5	Hartland Point ...	299	1009.8	-4	SE	2	C	58	97	8	8	-	-	9+	9+	1500	1009.4	+4	ESE	3	4	57	97	8	5	2	-	9	9+	1500	1	2	64	56	55	0.5	Tr	1.8
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1011.1	+2	-	0	0	0	54	97	6	5	7	-	4.6	9	1500	1	*	66	50	44	2	0.4	0.7		
	Portland Bill ...	32	1010.0	-4	ESE	2	C	59	92	8	5	-	-	4.6	7.8	2500	1010.5	+4	SE	2	5	59	92	7	5	-	-	10	10	1500	1	3	63	57	*	4	0.1	
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1010.0	+4	SSW	2	2	2	59	97	6	5	-	-	10	10	220	1	1	62	57	54	1	0.1	0.4		
	The Lizard ...	240	1008.8	-8	ESE	2	C	57	97	7	5	2	-	9	10	1500	1009.0	+4	S	2	5	57	97	2	5	-	-	10	10	450	1	1	59	56	*	2	1	0.0
	Scilly (St. Mary's) ...	163	1009.2	-4	ESE	2	Tr	56	97	6	6	-	-	10	10	800	1009.4	+6	NE	3	5	56	97	8	8	6	3	2.3	4.6	1500	1	1	63	55	*	0.3	19	1.1
	Guernsey ...	175	1009.9	-4	SW	1	C	61	97	6	8	-	-	10	10	1500	1011.2	+10	SW	1	5	58	97	7	8	-	-	10	10	2500	1	1	65	58	56	2	0.1	0.0
6	Pembroke ...	142	1010.9	0	NNE	2	bc	56	97	7	5	6	-	2.3	4.6	2500	1010.2	0	NE	3	5	56	97	7	8	6	-	7.8	9	2500	1	2	60	54	*	0.3	-	0.0
7	Holyhead ...	26	1009.6	-2	SW	2	C	57	92	7	5	2	-	7.8	10	800	1010.0	+2	S	1	5	57	85	8	5	-	-	10	10	2500	1	1	63	56	53	0.3	Tr	0.9
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1011.2	+16	-	0	0	0	51	97	4	5	7	-	4.6	9+	1500	1	*	68	50	45	3	1	2.3		
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1011.0	+18	SW	1	0	0	56	97	2	5	-	-	10	10	2500	1	*	67	55	52	1	0.1	0.2		
10	Spurn Head ...	29	1010.3	-4	NW	2	f+	59	97	2	-	-	-	10	10	450	1011.2	-4	-	0	58	97	5	5	7	8	4.6	7.8	2500	1	0	67	57	*	-	13	1.9	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1010.9	+2	SSW	2	2	2	54	97	2	-	-	-	-	10	10	450	1	*	64	54	53	7	2	0.0	
	Tynemouth ...	108	1010.1	-16	SW	1	o/r	57	97	6	-	2	-	10	10	1500	1009.4	+4	SW	1	5	57	97	4	5	-	-	10	10	800	1	1	60	56	52	3	2	0.1
11	St. Abbs Head ...	280	1009.9	-10	WSW	1	C	58	92	7	5	2	-	7.8	10	2500	1009.0	0	SE	1	5	55	97	2	-	-	10	10	450	1	1	60	54	*	2	1	*	
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	1008.5	-2	-	0	0	0	55	97	6	5	7	-	4.6	9+	800	1	*	61	53	49	1	0.2	0.0		
12	RAF (RAF) ...	16	*	*	*	*	*	*	*	*	*	*	*	1009.5	+4	-	0	0	0	54	97	5	5	-	-	10	10	450	1	*	62	52	47	2	1	0.3		
	Rakdalmuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1009.2	+6	-	0	0	0	53	97	5	5	3	-	9	9+	450	1	*	61	52	51	1	3	0.3		
	Point of Ayre ...	30	1009.7	-2	-	0	0	58	97	6	5	-	-	10	10	800	1009.9	+4	W	3	5	52	97	7	8	3	-	4.6	7.8	1500	1	1	60	52	*	1	-	0.0
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1007.0	+2	SW	3	3	3	55	92	8	3	3	1	2.3	4.6	1500	1	3	61	50	48	-	Tr	10.3		
13B	Stornoway ...	80	1007.2	0	SSW	4	bc	55	92	7	5	7	-	4.6	4.6	2500	1006.5	0	S	3	5	55	92	7	5	5	-	4.6	7.8	2500	1	2	60	55	*	-	-	5.0
16	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1009.5	-4	-	0	0	0	55	97	8	4	4	-	1	2.3	4000	0	*	62	39	30	Tr	-	4.1		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1008.1	-10	SW	1	1	1	55	97	5	5	-	-	2	9+	4000	1	1	61	55	53	0.2	0.4	0.4		
	Wick ...	81	1008.8	-6	S	3	C	56	85	8	5	7	-	7.8	9+	1500	1007.2	-10	SSW	3	5	51	92	6	5	7	9	2.3	4.6	1500	1	1	58	50	*	0.4	-	*
16	Lerwick ...	156	1010.3</																																			

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 Monday 26th September, 1938.
No. 28067

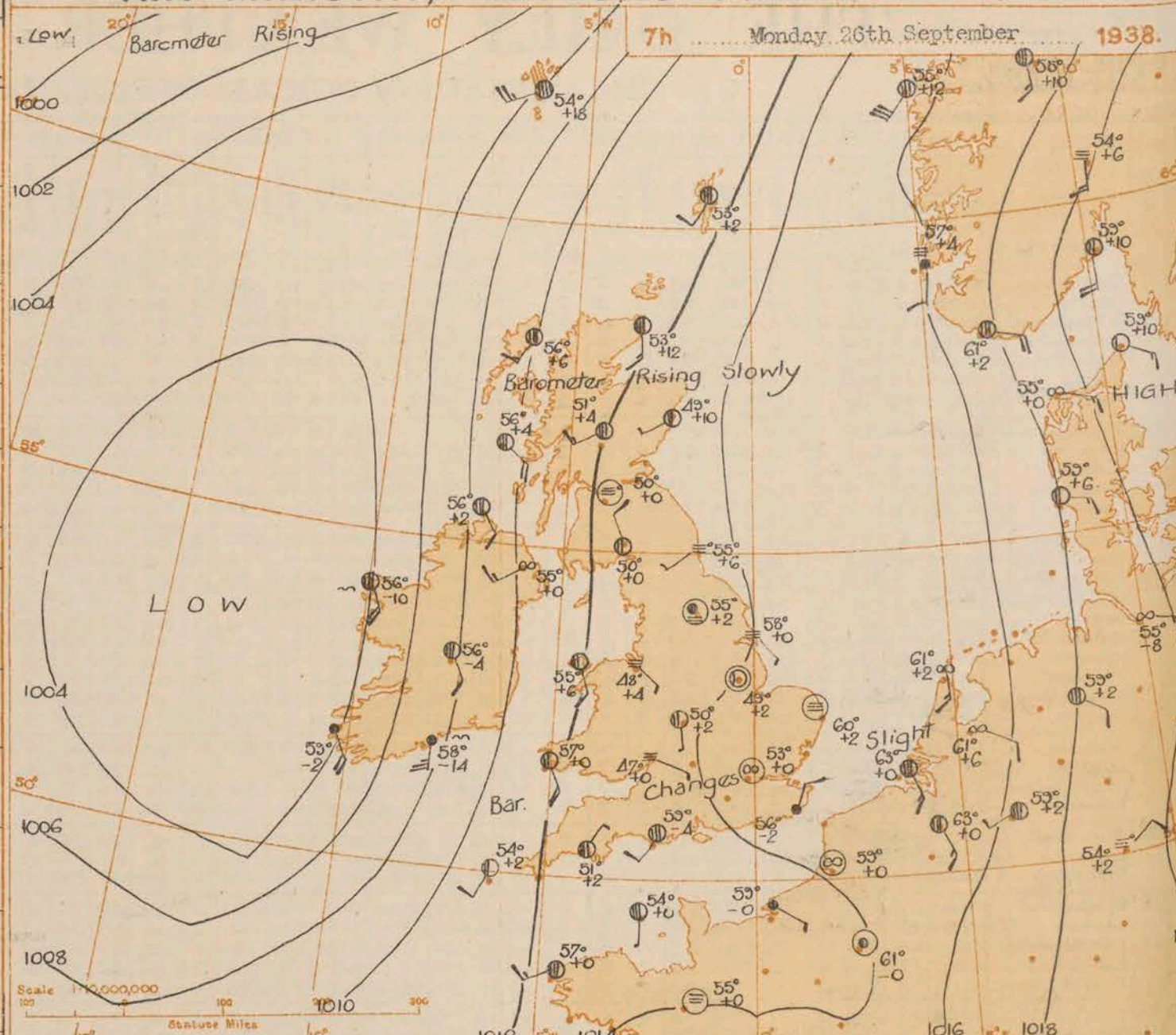
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 25th September.														OBSERVATIONS at 18h. G.M.T. 25th September.														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visiblity 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visiblity 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp. °F.	Humid. %	Visiblity 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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																																									(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)	(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)	1012.9	+4	SE	2	ir	66	85	6	6	1	-	7-8	10	1500	1013.5	+2	SSE	2	bc	63	85	8	5	-	2	1	4-6	2500	1	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1013.7	+6	SSE	2	bc	62	85	8	4	4	3	Tr	4-6	4000	1	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1013.5	+8	SW/S	2	bc	61	75	7	-	3	6	0	4-6	-	0	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1013.6	+6	SSW	3	c	58	85	8	8	4	2	Tr	7-8	2500	1	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1014.0	+4	SW/S	2	c	60	85	8	4	5	4	Tr	7-8	2500	1	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1014.7	+4	S	1	c	60	85	7	2	7	-	1	9	2500	1	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1	*	rr	ir	66	85	6	6	1	-	7-8	10	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-	0	c/r	62	92	7	5	7	-	2-3	9	1500	1014.3	+6	-

REPORTS from HEALTH RESORTS for 25th September 1938.

AIR MINISTRY, METEOROLOGICAL OFFICE.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min. 9h. to 25th.	Max. 9h. to 17h. 25th.	Night. 17h. to 25th.	Day. 9h. to 17h. 25th.	Sunrise to 17h. 25th.	Sunset to 24th.
1	Tunbridge W.	oro	oro	58	67	1	3	1.8	1.5
	Bournemouth	ocbc	b	56	67	2	-	5.1	0.0
	Venator	rofb	bcbb	60	65	7	-	5.6	0.0
	Southsea	oro	cb	61	68	5	0.2	4.3	0.4
	Bognor Regis	oir	cbc	60	65	5	0.3	4.3	0.6
	Littlehampton	orc	cbc	60	65	5	0.1	4.3	0.8
	Worthing	orc	cbcb	60	66	17	Trace	3.7	1.4
	Brighton	rc	cb	59	65	8	1	3.2	2.3
	Eastbourne	rc	rcbc	60	67	1	3	3.6	0.7
	Hastings	jprrd	dpbc	61	65	1	3	1.8	0.7
	Folkestone	mood	odroc	62	64	-	4	0.0	2.7
	Dover	or	oro	63	64	2	3	0.0	3.3
	Deal	rr	rr	63	69	2	5	0.0	3.0
	Ramsgate	r	r	63	65	1	3	0.0	3.3
	Margate	cd	cr	63	66	1	3	0.0	4.0
2	Southend	orm	orc	61	65	0.5	3	0.2	1.7
	Clacton-on-Sea	ogdm	ogdm	61	64	1	*	0.0	3.7
	Dovercourt	rocm	doef	62	66	3	1	0.0	4.2
	Lowestoft	c	corer	63	68	4	1	0.0	5.2
	Skegness	bcor	o	57	64	9	Trace	0.8	4.1
	Mablethorpe	bcor	o	57	70	11	Trace	0.7	4.6
	Cleethorpe	bcc	c	57	67	10	-	1.5	1.0
3	Leamington S.	oc	cbc	55	68	8	-	1.7	0.2
4	Cheltenham	cbc	cq	54	69	2	-	2.6	0.0
5	Bath	cbc	beb	55	69	1	-	5.4	0.0
	Weymouth	c	b	56	65	0.6	-	4.7	0.0
	Jersey	cbc	bcc	60	66	-	-	4.4	0.0
	Torquay	cbcb	b	56	65	0.2	-	6.6	1.2
	Falmouth	b	b	58	64	1	-	6.8	0.0
	Penzance	fbcc	cpc	57	64	2	0.3	0.4	0.0
	St. Ives	o	c	52	62	3	*	0.2	0.0
	Bude	cbc	bc	55	67	1	-	6.1	0.2
	Ilfracombe	oc	cbcb	57	68	-	-	5.9	2.3
6	Aberystwyth	cbc	bcc	55	63	-	-	2.6	2.2
7	Llandudno	cbc	bcc	56	61	0.5	-	4.2	0.5
	Colwyn Bay	cbcb	beb	53	61	1	-	4.2	*
	Rhyl	cbc	bcb	54	63	6	-	6.8	0.9
8	Wallsley	cbc	beb	57	67	Trace	-	3.6	1.0
	Southport	cbc	bcc	57	67	0.1	-	3.7	0.9
	Blackpool	ompc	bcbzc	57	67	1	Trace	5.5	0.4
	Morecambe	cdbe	bcbzc	57	62	1	Trace	5.0	0.9
9	Ilkley	cbcb	b	55	67	1	-	5.0	0.0
	Harrogate	bcc	bbc	55	66	2	-	5.9	0.1
10	Berwick-on-T.	beb	bbcb	55	67	0.2	-	8.3	0.0
11	Dunbar	bc	bc	55	66	3	-	6.7	0.0
12	Troon	ococ	ocoba	54	58	0.3	-	0.4	0.7
	Douglas	cir	cbc	54	59	Trace	-	2.1	0.1

† 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 September, 1938.

1 S.E. England	Wind variable to southerly light, southwest tomorrow; cloudy or dull; occasional rain; fairer tomorrow; becoming close; early morning fog.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind variable to southeast, light; becoming dull with occasional rain; local coast fog; average temperature becoming close; early morning fog.
5 S.W. England	
6 South Wales	Wind south, light, veering southwest, moderate; cloudy; occasional light rain or drizzle today; brighter periods tomorrow; local coast fog; close.
7 North Wales	
8 N.W. England	Wind variable light; fair apart from local mist at first; then cloudy, occasional rain; local coast fog later; rather warm inland.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind south to southeast, light; fair today; occasional rain tomorrow; rather close.
14 Mid Scotland	
15 N.E. Scotland	Wind south, light; fair; rather warm.
16 Orkney and Shetland	
17 N.W. Ireland	Wind south moderate, veering southwest later; cloudy or dull; rain at times; brighter periods in the west tomorrow; mild.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

0.742/3537, W. 4068, 5784, 27300, 913

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 France will drift north and become associated with an almost stationary disturbance west of Ireland. Weather will be unsettled with rain spreading to most districts but improving conditions will spread to the Southwest and South tomorrow. Conditions will be mainly rather close.

FURTHER OUTLOOK.

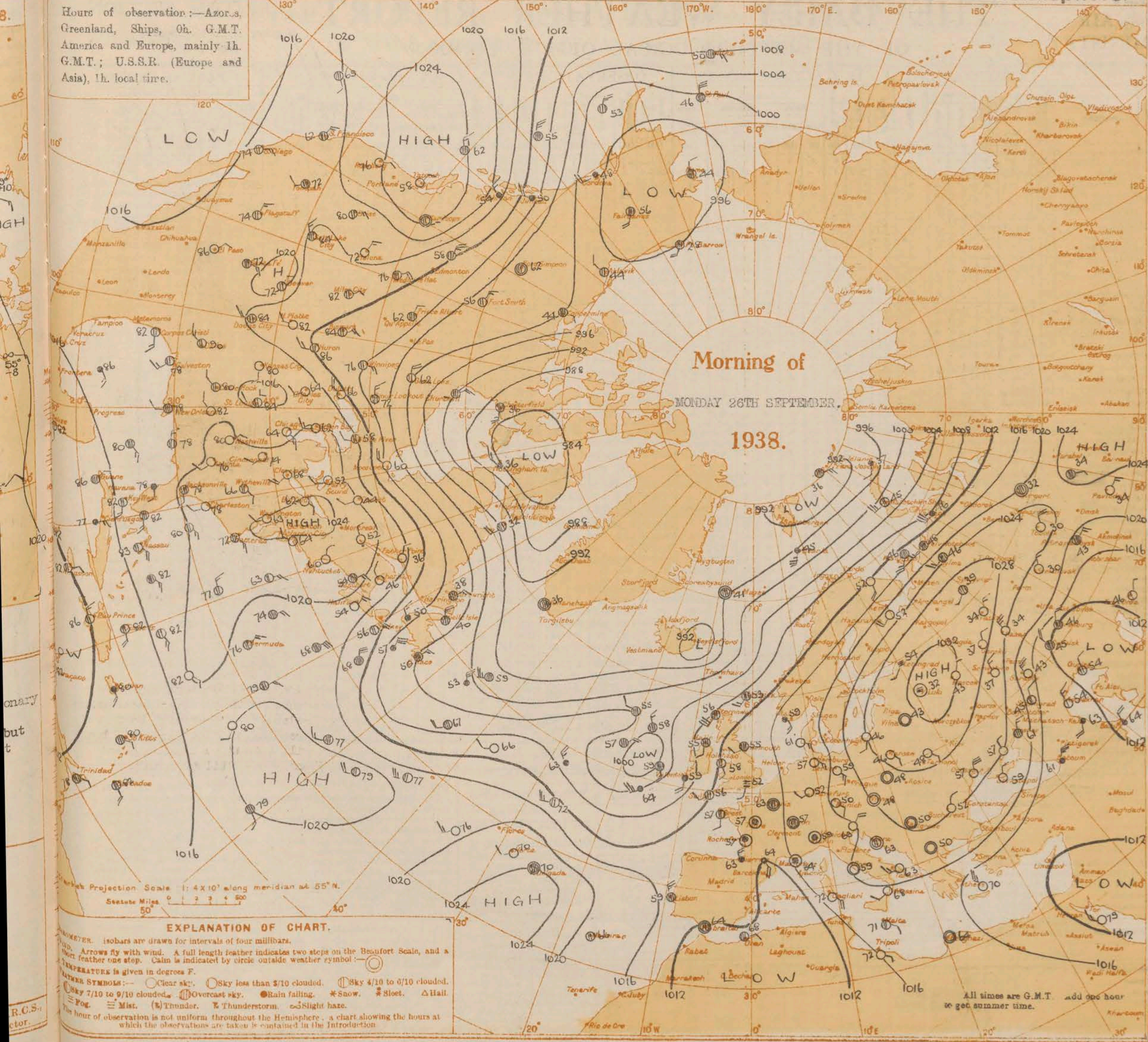
Continuing rather close and unsettled.

Forecasts issued at 1000 C.M.T.

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

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

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



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 26th September, 1938

No. 28067

OBSERVATIONS at 1 hr. G.M.T. 26th September														OBSERVATIONS at 7 hr. G.M.T. 26th September														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.		SUN-SHINE Hrs.	
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-18h °F.			Min. Night 12h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.			
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1014.4	+2	NE	1	F	53	97	1	-	-	-	10	10	<150	1	*	69	50	42	0.6	Tr	2.5		
	Croydon	217	1014.9	+2	SW	1	F+	52	97	1	-	-	-	1014.4	0	-	0	Z	53	97	5	5	7	-	4-6	3+	7200	1	*	69	51	48	1	Tr	2.1		
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	*	1014.0	+4	-	0	N	51	97	4	5	-	-	10	10	450	1	*	69	44	39	0.6	Tr	4.0		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1013.8	+2	E	5	f	54	97	2	-	-	-	10	10	<150	0	*	67	49	46	-	Tr	4.7		
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	1013.9	0	E	N	3	Z	53	97	6	5	-	2	7-8	3	1500	1	2	67	56	52	-	Tr	5.3	
	Lymington	346	1015.6	+2	NW	1	bf	55	97	2	-	-	-	1015.0	-2	NNE	2	ir	56	85	6	5	2	-	7-8	10	5700	1	\$0	64	51	48	2	Tr	0.4		
	Manston	142	1014.8	-2	-	0	C	57	97	6	5	-	-	1014.2	-2	NW	1	Z	56	97	5	5	7	-	7-8	3+	5700	1	*	65	55	52	4	Tr	0.0		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1014.4	0	WNW	2	cf	52	97	3	5	7	-	7-8	3+	4000	1	*	65	48	47	3	-	0.5		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1014.2	0	NW	2	cf+	56	97	1	5	3	-	7-8	3	450	1	1	66	56	54	1	Tr	0.0		
	Gorleston	5	1014.4	0	-	0	bc	60	92	5	5	-	-	1014.4	+2	-	0	f	60	97	2	-	-	-	10	10	<150	1	1	65	60	59	0.5	-	0.0		
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1014.2	+2	SW	1	cf+	47	97	3	5	3	-	1	7-8	5700	1	*	64	46	44	2	Tr	0.0		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1013.8	+2	-	0	fg	49	97	6	-	4	-	0	Tr	-	1	*	66	46	41	Tr	Tr	0.6		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1014.0	+2	S	1	bc	50	97	5	-	3	-	0	2-3	-	1	*	68	49	46	-	0.6	3.3		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1015.3	+6	-	0	m	47	97	4	5	7	-	4-6	7-8	2500	1	*	69	43	38	-	-	4.4		
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1013.7	0	SE	1	bf+	47	97	2	-	-	-	0	0	-	1	*	70	44	37	-	-	4.4		
5	Hartland Point	299	1012.2	0	SSE	3	b	53	92	8	4	-	-	1011.6	0	SSE	3	bc	51	97	5	7	-	-	2-3	2-3	1500	0	2	65	50	49	-	-	7.2		
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1013.7	+2	SSE	2	f	53	97	2	-	-	-	10	10	<150	1	*	69	44	36	-	-	6.6		
	Portland Bill	32	1012.8	-6	SSE	2	0	60	92	8	5	-	-	1012.8	-4	SSW	2	C	59	92	8	5	4	-	4-6	7-8	2500	1	2	62	57	*	0.2	-	*		
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1012.6	+2	NE	1	cf	51	97	8	5	-	-	7-8	7-8	2500	1	1	63	49	47	-	0.1	6.8		
	The Lizard	240	1012.6	0	-	0	b	56	97	8	-	-	-	1012.0	0	SW	2	C	57	97	8	8	6	-	7-8	7-8	2500	1	2	62	53	*	-	1	6.6		
	Scilly (St. Mary's)	163	1012.4	-2	SW	1	bc	56	97	8	8	-	-	1011.5	+2	SSW	2	bc	54	97	8	8	7	3	2-3	4-6	2500	1	1	64	54	*	-	3	3.4		
	Guernsey	175	1013.1	-2	SSW	1	b	56	97	8	-	-	-	1013.1	0	S	1	C	54	97	8	8	-	-	7-8	7-8	2500	1	1	66	52	45	Tr	-	5.2		
6	Pembroke	142	1012.0	0	SSE	4	bc	58	92	7	8	1	-	1011.6	0	SSE	4	bc	57	92	7	2	7	1	4-6	4-6	2500	1	2	63	56	*	0.1	-	3.2		
7	Holyhead	28	1011.8	+2	SSE	2	bc	58	92	7	5	-	1	1011.7	+6	SSE	2	bc	55	92	8	8	4	8	2-3	4-6	1500	1	1	65	54	50	-	0.2	6.2		
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1013.2	+4	SE	1	F	48	97	1	-	-	-	10	10	<150	1	*	69	48	48	-	Tr	6.5		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1013.1	+10	-	0	cf	50	97	3	-	-	-	0	7-8	-	1	*	68	49	43	-	-	3.6		
10	Spurn Head	29	1014.4	-2	SES	2	C	59	97	7	5	-	-	1014.0	0	SES	1	F	58	97	1	-	-	-	10	10	<150	1	1	64	57	*	Tr	0.1	1.3		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1013.4	+2	-	0	dF	55	97	1	-	-	-	10	10	<150	1	*	69	50	46	Tr	Tr	6.0		
	Tynemouth	108	1013.1	0	SW	2	C	55	92	6	5	-	-	1013.5	+6	SW	1	m	55	97	4	5	-	-	3+	9+	1500	1	1	64	54	50	-	-	2.4		
11	St. Abbs Head	280	1013.4	0	SSE	1	bc	53	85	7	-	3	-	1012.9	-2	SSE	3	bc	53	92	8	4	4	-	2-3	4-6	4000	1	1	68	49	*	Tr	Tr	*		
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1013.4	+4	-	0	f	47	97	2	-	-	-	10	10	<150	1	*	66	42	37	-	-	7.8		
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1012.3	0	-	0	m	50	97	4	5	-	-	10	10	1500	1	*	61	41	39	-	-	3.5		
	Eska Jemuir	794	*	*	*	*	*	*	*	*	*	*	*	1012.8	0	NW	2	bc	50	92	6	-	3	-	0	4-6	-	1	*	61	41	36	-	-	4.9		
	Point of Ayre	30	1011.8	-2	SE	3	C	57	92	7	5	-	-	1012.1	+4	S	1	C	53	97	8	8	-	6	2-3	3+	1500	1	1	62	52	*	-	0.1	2.9		
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1009.3	+4	SE	4	C	56	92	7	5	7	8	Tr	10	1500	0	2	59	55	53	0.1	-	1.5		
13b	Stornoway	80	1008.0	0	SSW	6	C	56	92	7	5	2	-	1010.0	+6	SSW	3	C	56	85	8	5	7	-	4-6	3+	2500	1	2	59	54	*	0.1	0.4	4.1		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1010.0	+4	SW	3	C	51	85	7	5	2	-	4-6	10	2500	1	*	59	45	37	Tr	-	3.2		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1013.7	+10	SW	1	bc	49	92	6	-	4	5	0	4-6	-	0	1	67	44	37	-	-	6.6		
	Wick	81	1010.6	+6	S	4	bc	54	85	8	8	6	-	1011.7	+12	S	3	C	53	85	8	5	4	4	4-6	3	1500	1	1	62	52	*	-	-	*		
16	Lerwick	156	1010.3	+2	SSW	3	C	53	92	8	8	2	-	1011.6	+2	SSW	2	C	53	92	8	5	6	-	4-6	7-8	1500	0	*	56	52	*	3	-	3.1		
17	Blackod Point	18	1007.3	-10	S	4	RR	55	97	7	6	-	-	1004.1	-10	SSE	4	C	56	97	8	6	-	-	10	10	1500	1	4	60	53	*	-	9	*		
18	Malin Head	84	1008.6	-2	S	2	C	55	92	7	5	-	-	1008.5	+2	SSE	2	C	56	92	7	8	6	-	2-3	7-8	4000	0	1	63	53	*	-	-	8.0		
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1010.2	0	SSW	3	Z	55	92	6	5	7														

¹ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE

A hand-drawn weather map of Europe and the North Atlantic, dated Tuesday, 27th September 1938. The map shows isobars (1008, 1010, 1012, 1014, 1016, 1018, 1020, 1022, 1024) and isotherms (50°, 52°, 54°, 56°, 58°, 60°, 62°). It includes handwritten annotations such as 'Barometer', 'Rising', 'Slowly', and 'LOW'. A scale bar at the bottom indicates 1:10,000,000 and 100 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 ridge of high pressure which extends across Norway towards Scotland from a large European anticyclone will probably persist, whilst shallow disturbances move eastwards across France. Fine weather will prevail in Scotland and Ireland and in parts of Southern England but there will be occasional rain or drizzle in Central and Eastern England today. Fog will be widespread in the early morning.

FURTHER OUTLOOK.

Dry except perhaps locally near East and Southeast Coast; rather warm by day.

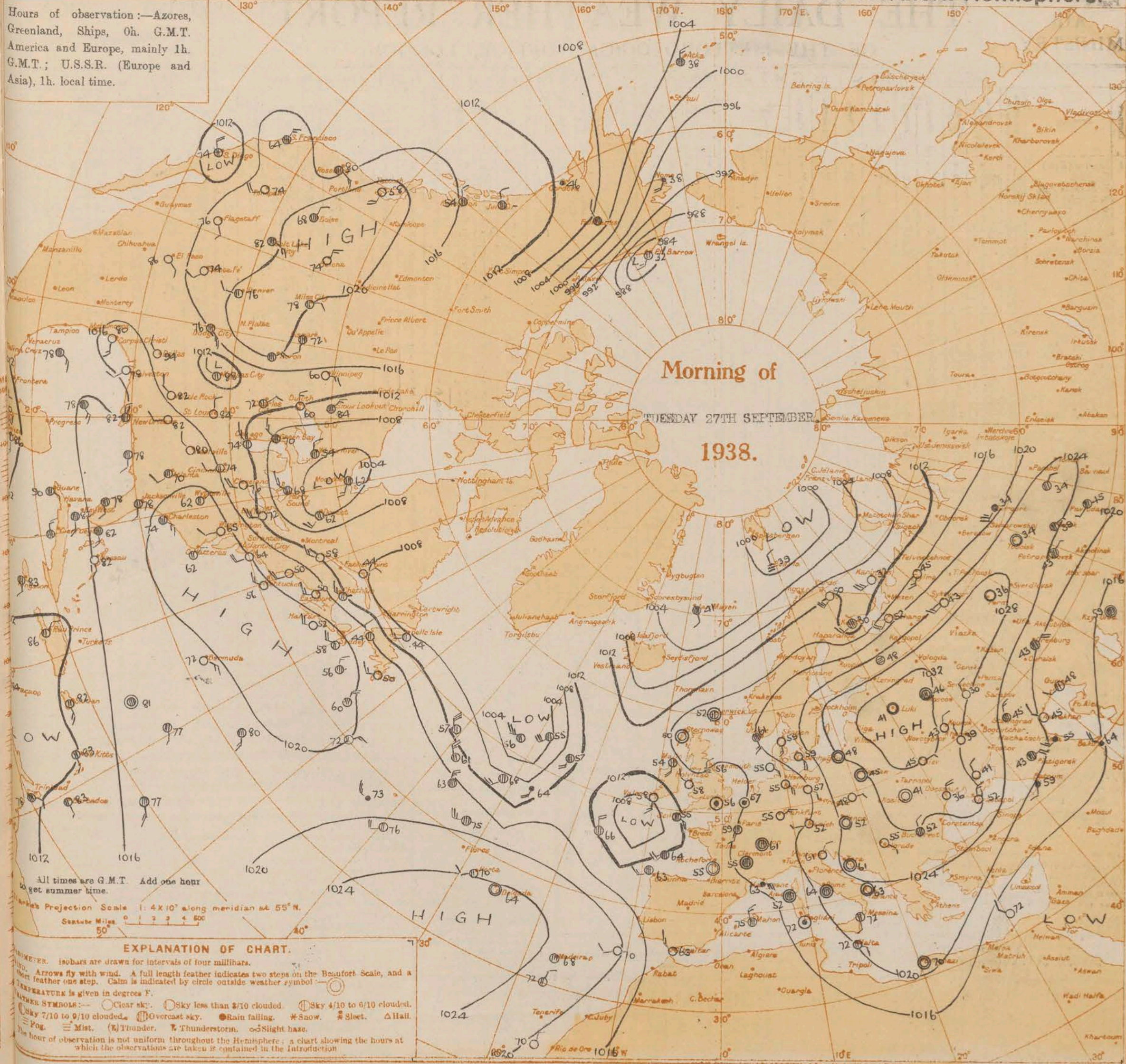
1010 G.M.T.

Forecasts issued at

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

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

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



THE DAILY WEATHER REPORT

BRITISH SECTION

Tuesday 27th September, 1938.
No. 28068

OBSERVATIONS at 1 hr. G.M.T. 27th September

OBSERVATIONS at 7 hr. G.M.T. 27th September.

PAST 24 HOURS.

[illegible]

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.	
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.										COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.	
Height above M.S.L. in feet. Weather. Temperature. Rainfall. Sunshine to Sunset hrs. Humidity. Visibility 9h. Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.										COLUMNS 8, 22—Code for surface visibility.	
Morning. Afternoon. Night. Day Max. Night Min. Min. on Grass °F. Day. Night. Yesterday. To-day.										COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.	
24 hrs. ended 9h. °F. °F. °F. mm. mm.										COLUMNS 30.—Code for State of Sea.	
24 hrs. ended 7h. G.M.T. 27th.										COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.	
Kew... .. 18 CROYDON 217 GREENWICH (Royal Observatory)... 149 CITY (Dunhill Row) WESTMINSTER (St. James' Park) ... 27 REGENTS PK. (Botanic Gardens) ... 168 CANNON SQUARE 110 KENSINGTON 80 HAMPSHIRE OBSERVATORY 450										0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 2½ " 6 Moderate " 8½ " 7 Good " 12½ " 8 Very good " 31 " 9 Excellent " beyond 31m.	
SOUTH KENSINGTON. Max. Time. Min. Time. 1.0 9-11h <0.3 14-15h 26h 26h										0 Calm. 5 Very rough 1 Smooth. 6 High. 2 Slight. 7 Very high. 3 Moderate. 8 Precipitous. 4 Rough. 9 Confused.	
KEW OBSERVATORY. Max. Time. Min. Time. defective record											
18h. G.M.T. 26th. September. 7h. G.M.T. 27th. September. Past 24 Hours.											
FOREIGN OBSERVATIONS. STATIONS. Barom. mb. Wind. Direc. Force. Weather. Temp. °F. Barom. mb. Wind. Direc. Force. Weather. Temp. °F. Max. Day °F. Min. Night °F. Rainfall. Day mm. Night mm.											
PARIS 1014.7 - 0 f.o. 59 1017.7 S 2 f.o. 57 61 57 17 4 BRUSSELS 1015.5 S 3 f.o. 63 1018.0 S 2 f.o. 61 72 61 0.3 3 ERLEN 1021.1 SE 2 b 66 1022.1 SE 2 b 57 81 55 - - ZÜRICH 1017.8 NW 1 c 64 1020.4 S 1 m 57 73 52 - - RIGGA 1020.2 - 0 72 1022.3 - 0 z. 64 * * - -											

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

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

1 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.

Wednesday 28th September, 1938.
No. 28069.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 27th Sept.														OBSERVATIONS at 18h. G.M.T. 27th September														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.					
				Direc.	Force 0-12					Form.	Amount.	Height of Base (feet)	Direc.	Force 0-12			Form.	Amount.					Height of Base (feet)	Direc.	Force 0-12	Form.	Amount.			Height of Base (feet)	7h.—13h. 27th	13h.—18h. 27th	18h.—27th 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)		
(For heights see p. 4.)		(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)	1016.1	-8	SE	2	c	63	75	7	2	1	-	4-6	10	2500	1015.3	-4	NNE	2	dr	57	92	4	6	2	-	7-8	10	1500	1	*	bcme	czcmn	prmo	rcmo
	Croydon	1016.3	-2	SE/E	2	c	61	75	8	6	2	-	2-3	3	2500	1015.4	-6	NE/E	2	dr	56	92	4	-	2	-	10	10	800	1	*	cpz bc	igRm	prmo	omcbc
	S. Farnborough	1015.6	-6	SE	3	c	63	75	8	8	3	-	7-8	3	1500	1014.8	-4	ENE	2	ir	58	85	6	6	7	-	7-8	3	800	1	*	cmng	igRm	cRR b	cirbc
	Boscombe Down	1015.2	-8	SWS	2	c	65	65	8	2	3	-	4-6	3	1500	1015.1	+2	N	1	c	57	92	8	5	4	-	7-8	3	2500	0	*	prnc	cjpc	cbcbm	bmoff
	Calshot (Stmnt.)	1015.6	-4	ESE	2	c	61	85	8	8	7	8	2-3	7-8	2500	1014.8	-2	NE/N	3	bc	60	85	8	8	3	-	4-6	4-6	2500	1	2	cm,cpz	bc	bw	bcbwc
	Lymington	1017.6	-2	ESE	3	c	58	85	8	5	7	-	4-6	3	4000	1014.7	-16	E/S	4	rr	57	97	4	6	-	-	10	10	2150	1	\$3	bccr	cirgrr	orff	ffbcm
	Manston	1017.4	0	SE	2	c	61	75	7	8	7	-	2-3	3	2500	1015.4	-6	E/S	3	DD	58	97	4	5	-	-	10	10	220	1	*	c	crgDDm	orddm	bccwm
2	Shoeburyness	1017.3	0	SSE	3	c	63	75	8	8	4	-	7-8	7-8	5700	1014.9	-12	SE/S	4	ir	60	92	6	6	2	-	9	10	450	1	*	culbac	cmmr	matrc	cbcc
	Felixstowe	1017.6	+2	SE	3	c	64	75	9	8	3	6	4-6	7-8	800	1016.3	-6	SSE	4	ir	61	85	7	5	2	-	4-6	10	1500	1	3	benmbac	crg	cRRrc	cm
	Gorleston	1017.7	+6	SE/S	3	c	63	75	7	2	5	-	4-6	7-8	2500	1017.3	-2	SE/E	3	c	61	85	7	5	4	-	4-6	7-8	2500	0	2	cbcc	cbcc	coro	rgcz
	Mildenhall	1016.6	-4	SE/S	3	c	65	65	8	1	-	1	4-6	7-8	4000	1016.2	+2	E/N	1	c/r	59	85	7	8	7	-	7-8	9	2500	1	*	cm,fbc	crgc	crrd	cfjrm
	Cranwell	1016.6	+6	SSE	3	bc	63	75	8	2	-	3	2-3	2-3	2500	1016.2	+4	E	2	u	60	85	8	6	-	3	7-8	9	2500	0	*	cmcmbe	bcbcc	c,bmedj	ofrrrc
3	Birmingham	1015.7	+2	SSW	1	c	60	85	7	8	7	-	7-8	9	2500	1015.6	+2	SE	2	bc	59	75	6	-	7	1	0	4-6	-	1	*	rgfbc	cbc	bfc	OrR
	Upper Heyford	1016.3	+2	SE	1	id	58	85	8	8	7	-	9	10	2500	1015.7	+2	-	0	c	58	92	8	9	7	-	9	9	1500	1	*	cmmbcc	cdprc	cb	RRR
4	Ross-on-Wye	1015.2	0	SVL	2	c	60	85	7	8	7	-	9	9	2500	1014.8	-4	W/N	1	u	53	85	7	8	-	-	9	9	2500	1	*	dmmmc	cbcc	cbmwf	FFE
3	Hartland Point	1015.0	-4	NE	1	bc	58	85	8	7	5	3	1	4-6	1500	1014.8	+6	N	3	c	58	92	8	2	7	-	2-3	9	1500	0	2	cfbc	bcc	oir	oir
	Bristol	1015.7	-2	W	1	z	60	85	6	8	7	-	4-6	7-8	1500	1015.4	+2	-	0	z	57	85	6	7	-	-	4-6	4-6	4000	1	*	gerR	bcm	bcbmfe	bfFclom
	Portland Bill	1015.6	+6	E	2	c	62	92	8	5	4	-	4-6	3	2500	1014.1	+2	N	2	c	53	92	7	5	7	-	4-6	9	2500	1	2	c	cc	cc	oc
	Plymouth	1014.6	-2	-	0	c	67	65	8	7	3	-	7-8	7-8	2500	1014.8	+8	WSW	2	c	60	65	7	5	-	-	9	9	2500	0	2	bm,bcc	cbcc	cbc	bcbwf
	The Lizard	1014.3	+6	NE/E	2	bc	63	85	8	8	-	-	2-3	2-3	2500	1015.5	+4	W/N	2	c	57	92	7	8	4	-	4-6	7-8	1500	1	1	cbc	bcb	cbcbw	bif
	Seilly (St. Mary's)	1012.1	+4	ESE	4	c	55	92	8	5	-	-	10	10	1500	1015.3	+4	-	0	bc	59	85	8	8	4	-	2-3	2-3	1500	1	1	cbcc	bcbbc	cbcbw	bcbcc
	Guernsey	1013.0	-2	NE	3	c	63	85	9	8	3	-	4-6	7-8	2500	1014.1	42	N/E	1	bc	59	85	8	1	3	-	4-6	4-6	2500	1	2	cbc	cbc	bcbw	bwbc
6	Pembroke	1015.6	-2	W	1	c	60	85	7	5	4	-	4-6	7-8	2500	1016.1	0	NNW	1	c	59	92	6	5	2	-	4-6	9	2500	0	1	bcc	cm	cirm	cc
7	Holyhead	1015.0	-2	NNE	2	o/d	59	97	5	5	-	-	10	10	220	1014.3	0	NNE	2	c	59	92	6	5	-	-	9	9	800	1	1	grmdo	m,bcc	co,bcm	cbwm
	Chester (Sealand)	1015.1	+2	SE	2	m	60	92	4	-	2	-	10	10	800	1015.4	+2	-	0	z	60	85	6	5	-	4	1	2-3	4000	1	*	cd,dfm	mbcbm	bmoffm	bmoff
8	Manchester	1015.8	+10	SE	2	z	60	85	5	5	2	-	4-6	10	1500	1015.6	+2	SE	1	z	59	85	5	1	4	-	2-3	4-6	4000	1	*	crd,dj	mbcm	bmcm	cmof
10	Spurn Head	1017.2	+6	SE/E	3	bc	61	85	6	5	-	6	4-6	4-6	2500	1017.2	0	ESE	3	bc	58	92	6	5	4	8	2-3	4-6	4000	0	2	m,c	cbc	bcc	rrff
	Catterick	1016.5	0	SE	2	z	60	92	6	6	-	-	10	10	800	1016.7	+2	-	0	z	55	97	5	5	7	-	7-8	9	1500	1	*	rdofm	cm,bcm	bcmof	bfofc
	Tynemouth	1016.3	+4	E	1	of	57	97	1	5	-	-	10	10	800	1016.8	0	SE	2	c	56	97	6	8	-	-	7-8	7-8	1500	1	1	offir	offc	coff	offo
11	St. Abbs Head	1018.1	-4	NW	1	F	55	97	1	-	-	-	10	10	<150	1017.1	-4	SE	3	F	55	97	1	-	-	-	10	10	<150	1	*	FFE	FFE	FFE	Ffe
	Leuchars	1018.5	-2	E	1	m	57	97	4	5	-	-	10	10	450	1017.7	-2	-	0	df	56	97	3	-	-	-	10	10	<150	1	*	FFfem	moffdf	doffmf	offom
12	Bentley (Abbots L.)	1017.5	-6	E/N	3	z	59	97	5	5	-	-	10	10	800	1016.6	-2	ENE	2	m	58	97	4	5	-	-	10	10	450	1	*	offm,c	om,m	omm	bcm,mf
	Esksdalemuir	1017.0	-2	NEK	3	id	57	92	6	5	-	-	10	10	220	1016.4	0	NE/E	2	c	57	92	6	5	-	-	10	10	220	1	*	cid	idcm	om	om,m
	Point of Ayre	1015.6	0	EN	3	c	62	92	7	5	-	-	9	9	300	1015.4	-4	SE/E	2	c	60	97	7	5	-	-	10	10	2500	1	1	cz	cdz	czob	bw
13A	Tiree	1016.4	-4	SSE	2	b	62	75	6	-	-	-	0	0	-	1015.5	-4	-	0	z	60	85	6	5	3	9	2-3	9	5700	0	0	bz	bzc	cz	zRo
13B	Stornoway	1017.5	-4	SSE	1	b	58	85	6	5	-	-	Tr	Tr	4000	1016.3	-4	-	0	bc	57	85	6	5	-	-	4-6	4-6	4000	1	0	bz	bzc	bccmo	crgmo
15	Dalwhinnie	-	-4	SSW	5	c	57	75	7	4	6	-	4-6	3	2500	-	-6	S	4	c	60	85	7	4	5	-	7-8	9	2500	0					

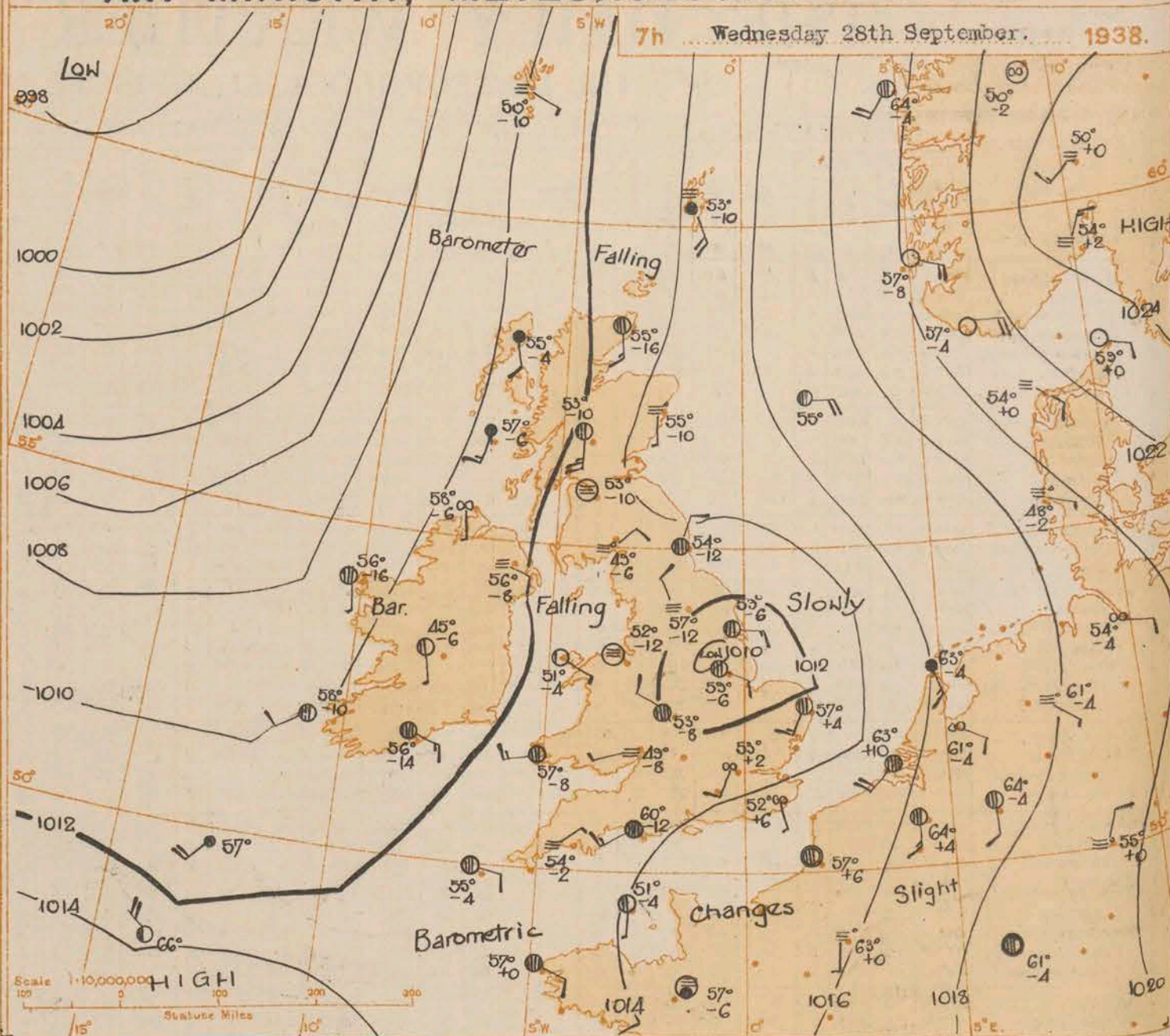
REPORTS from HEALTH RESORTS for 27th September, 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (Hrs.)	
		Forenoon.	Afternoon.	Min. 9h-26h to 27h.	Max. 9h-17h 26h-27h.	Night 17h-26h to 27h.	Day 9h-17h 26h-27h.	Sunrise to 17h.	Sunset to 26h.
1	Tunbridge W.	o	om	52	62	4	10	1.1	0.0
	Bournemouth	c	bebc	48	64	1	-	2.0	6.5
	Ventnor	roc	creu	54	66	7	1	1.2	4.2
	Scutthsea	cbe	bec	56	64	1	0.2	0.8	2.2
	Bognor Regis	opr	opr	55	60	17	13	0.0	0.0
	Littlehampton	cir	cor	55	60	18	7	0.0	0.0
	Worthing	cbacr	orr	55	62	5	6	0.2	0.1
	Brighton	bc	crr	55	62	3	9	0.5	0.2
	Eastbourne	cor	orr	55	63	6	19	1.6	0.9
	Hastings	bccop	orrdd	56	63	5	7	1.2	0.0
2	Folkestone	...	...	55	63	9	2	3.3	0.0
	Dover	bcco	oror	53	64	8	0.3	4.4	0.0
	Deal	bbcc	cdod	56	63	8	Trace	4.1	0.0
	Ramsgate	bc	odo	54	63	6	Trace	4.2	0.0
	Margate	bcc	ced	54	63	6	Trace	4.2	0.0
	Southend	bbcc	cor	54	66	5	3	4.5	0.0
3	Glaughton-on-Sea	cbcc	coiro	53	63	9	0.3	5.3	0.0
	Dovercourt	rbcv	bc	53	65	9	Trace	5.1	0.0
	Lowestoft	bcm	bebc	54	64	1	-	5.0	0.0
	Skegness	ocbcb	bebc	55	63	7	-	6.7	2.4
4	Mablethorpe	bc	bc	55	66	-	-	6.7	2.2
	Cleethorpes	cbe	bc	58	65	0.5	-	3.0	2.8
5	Leamington S.	co	che	54	64	2	-	1.5	2.4
	Cheltenham	oroc	cp	54	62	2	0.5	0.7	5.2
6	Bath	rbcc	bcc	51	63	1	1	3.4	6.2
	Weymouth	c	c	49	64	-	-	1.2	9.1
	Jersey	pcdc	c	57	63	0.5	1	0.1	4.7
	Torquay	wbebb	cbcc	50	65	-	-	6.0	9.1
	Falmouth	b	b	54	66	-	-	8.2	6.0
	Penzance	bbebb	bbcc	53	66	-	-	8.7	4.6
7	St. Ives	b	b	53	64	-	-	9.4	6.9
	Bude	wmbc	bc	48	63	-	-	6.1	6.4
	Ilfracombe	cbcc	copco	52	60	-	Trace	2.1	6.6
	Aberystwyth	zoff	off	52	65	-	Trace	0.0	9.0
8	Llandudno	odc	om	56	61	0.1	0.2	0.0	10.2
	Colwyn Bay	odmo	omoo	57	61	0.3	0.3	0.0	8.9
	Rhyl	omdd	omc	56	61	0.4	0.2	0.0	3.0
9	Wallassey	rfoc	cbe	51	62	3	0.3	0.5	5.2
	Southport	cmccz	czbcz	57	63	3	-	1.0	6.7
	Blackpool	om	omem	56	63	0.5	-	0.0	7.2
	Morecambe	cbcmc	cbcmc	56	67	Trace	-	0.8	8.5
10	Ilkley	rd	oc	49	60	1	0.1	0.1	6.2
	Harrogate	fd	cbcb	54	61	-	0.2	2.1	5.9
11	Berwick-on-T.	off	Femo	46	56	0.2	0.2	0.0	4.5
	Dunbar	of	ofr	48	57	0.3	0.3	0.0	5.8
12	Tron	occc	ccccc	50	62	-	-	0.2	1.9
	Douglas	cm	cmr	51	65	-	Trace	1.4	6.6

† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-26h.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday 28th September, 1938.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th September, 1938.

1 S.E. England	Wind variable to southerly light; mainly cloudy but some brighter periods, local showers today and chance of more general rain on extreme southeast coast; much morning fog; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Wind southerly, light to moderate; fair at first, cloudy, occasional rain later; local morning fog; rather warm to average temperature.
6 South Wales	
7 North Wales	
8 N.W. England	Wind between north and east, light to moderate, finally southerly; dull; occasional rain or drizzle; persistent fog or mist today; some improvement tomorrow; uniform temperature.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 4 - 7.
13 { A.W. Scotld. D.N.W. Scot- land	
14 Mid Scotland	Wind backing east, moderate; dull; occasional rain; coastal fog; uniform temperature.
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind south moderate, veering west; becoming cloudy; rain spreading from west; average temperature.
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 shallow depression over the Wash will move north, and a trough of low pressure west of Ireland will later spread in over the country. In Scotland and North England there will be occasional rain with considerable local fog and further rain will spread slowly across western districts. Temperatures will be mainly average.

FURTHER OUTLOOK.

Unsettled; further rain probable in most districts.

Forecasts issued at 1000 G.M.T.

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

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

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

38.

HIGH

1024

1022

1020

1018

1016

1014

1012

1010

1008

1006

1004

1002

1000

998

996

994

992

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784

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780

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776

774

772

770

768

766

764

762

Morning of

WEDNESDAY 28TH SEPTEMBER

1938.

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 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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 28th September, 1938

No. 28069

OBSERVATIONS at 1 hr. G.M.T. 28th September

OBSERVATIONS at 7 hr. G.M.T. 28th September

PAST 24 HOURS.

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	0-9	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs.										
					Dirce.	Force					Form.	Amount.	Height of Base. (feet)	Dirce.			Force	Form.					Amount.	Height of Base. (feet)	Low.	Med.			High.	Low 0-10	Total 0-10	Low.	Med.		High.	Low 0-10	Total 0-10	0-9	0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)									
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1013.2	0	S'W	2	Zo	54	92	6	5	-	-	3	3	2500	1	*	63	53	51	3	15	0.8									
	Croydon	217	1013.5	-4	W'S	2	Zo	55	97	5	5	-	-	10	10	450	1013.5	+2	S'W	2	Zo	53	92	6	5	3	3	4-6	9+	5700	1	*	62	51	50	8	9	0.7						
	S. Farnborough	220	*	*	*	*	*	*	*	*	*	*	*	1013.2	+4	SSW	1	bc/r	50	97	7	7	3	-	4-6	4-6	2500	1	*	64	49	45	1	1	2.8									
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1013.5	-4	S'E	2	f	50	97	2	5	-	-	10	10	1500	0	*	65	47	45	0.6	1	2.8									
	Calshot (St. Hmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	1014.2	-1	NW	1	C	54	97	8	5	3	-	1	9	1500	1	1	64	51	48	Tr	-	3.2									
	Lympne	340	1013.9	0	W	2	f	55	97	3	5	-	-	10	10	220	1015.1	+6	S'E	1	Zo	52	97	6	8	7	-	7-8	9	4000	1	1	61	50	49	5	6	2.4						
	Manston	142	1012.8	-6	S	3	C	60	97	7	5	-	-	7-8	7-8	1500	1014.1	+10	S'W	2	Zo	54	97	6	5	9	-	4-6	9+	2500	1	*	62	53	50	1	8	4.2						
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1013.5	+6	SSW	4	Zo	55	92	6	5	7	8	2-3	9+	4000	1	*	64	54	50	2	2	8.5									
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1013.1	+6	SSW	3	Zo	57	92	6	5	-	-	10	10	800	1	2	62	57	55	Tr	7	5.2									
	Gorleston	5	1013.1	-24	SES	5	rofo	61	97	6	6	-	-	10	10	1500	1012.6	+4	SSW	3	C	57	85	5	5	-	-	7-8	7-8	1500	1	3	63	57	55	5	5	5.3						
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1011.6	+6	S	3	C	56	97	7	5	-	-	10	10	450	1	*	68	55	55	0.5	7	5.4									
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1010.1	-6	ESE	2	C/r	59	97	5	5	3	-	9+	9+	450	1	*	65	56	55	-	5	5.4									
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1011.8	-8	NW	2	m/r	53	97	4	6	-	-	10	10	500	1	*	63	52	45	1	3	2.4									
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1012.7	-2	SSW	2	f+	53	97	3	5	-	-	10	10	450	1	*	62	52	45	1	22	*									
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1013.0	-8	WSW	1	F	49	97	1	-	-	-	10	10	1500	1	*	62	49	43	6	0.1	2.5									
5	Hartland Point	299	1014.5	-1	WNW	2	ro	58	92	7	-	2	-	10	10	800	1012.8	-4	WNW	3	C	57	92	7	6	2	-	4-6	9+	1500	1	2	60	56	55	-	1	6.5						
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1013.0	-6	-	0	m/f	50	97	4	5	-	-	10	10	450	1	2	62	43	39	0.3	-	2.8									
	Portland Bill	32	1014.4	-6	WNW	2	Q	59	92	7	5	-	-	10	10	1500	1013.5	-12	SW	3	0	60	92	8	8	-	-	10	10	1500	1	2	64	56	*	-	*							
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1013.7	-2	NE	1	f	54	97	2	-	-	-	10	10	1500	0	0	68	53	45	-	Tr	7.8									
	The Lizard	240	1015.6	-2	NNW	1	b	53	92	8	-	-	-	0	0	-	1013.7	-10	-	0	it	52	97	2	5	-	-	10	10	800	1	1	65	51	*	-	9.2							
	Scilly (St. Mary's)	163	1015.2	-10	T	0	b	53	92	8	4	-	-	Tr	Tr	2500	1013.1	-4	SE/E	2	C	55	97	8	8	-	-	9+	9+	2500	1	2	64	51	*	-	9.7							
	Guernsey	175	1015.3	0	-	0	b	53	97	9	-	-	-	0	0	-	1014.0	-4	S	1	bc	51	97	9	8	-	-	4-6	4-6	2500	1	0	63	49	42	-	-	4.0						
6	Pembroke	142	1015.0	-4	W'S	2	C	58	97	6	5	-	-	10	10	2500	1013.1	-8	W'S	3	C	57	92	7	8	6	-	7-8	9	2500	1	1	62	56	*	-	Tr	4.7						
7	Holyhead	26	1014.2	-6	SE/E	2	C	57	97	6	5	-	-	7-8	7-8	450	1012.1	-4	SE/S	1	b	51	97	6	5	-	-	1	1	4000	1	1	60	49	42	1	Tr	0.1						
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1012.4	-12	-	0	cf	52	97	3	5	-	-	9+	9+	2500	1	*	63	45	41	0.5	Tr	1.7									
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1012.0	-10	NNW	1	rf	54	97	3	5	7	-	7-8	10	4000	1	*	66	52	44	Tr	0.1	0.8									
10	Spurn Head	29	1015.2	-12	E/N	8	0	58	92	7	5	-	-	10	10	1500	1010.8	-6	E	3	z/f	59	97	5	8	8	-	4-6	7-8	2500	1	2	62	57	*	-	3	6.3						
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1012.9	-12	NW	2	f	57	97	2	-	-	-	10	10	1500	1	*	61	45	43	1	-	0.1									
	Tynemouth	108	1016.4	-6	SSE	2	f	53	97	2	5	-	-	10	10	800	1013.8	-12	NNE	2	0	54	97	6	5	-	-	10	10	800	1	1	57	53	53	1	-	0.0						
11	St. Abbs Head	230	1016.7	-6	SSE	2	f+	53	97	1	-	-	-	10	10	1500	1014.5	-12	S	2	F	51	97	1	-	-	10	10	1500	1	*	56	50	*	0.6	0.2	*							
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1014.4	-6	ESE	1	m/f	54	97	4	5	-	-	10	10	220	1	*	58	53	53	0.4	0.2	0.0									
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1013.2	-10	-	0	f+	53	97	3	5	3	-	7-8	9+	450	1	*	59	52	47	-	-	0.0									
	Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1013.7	-6	NE	2	m	49	97	4	5	-	-	10	10	1500	1	*	58	54	38	Tr	-	0.0									
	Point of Ayre	30	1015.2	-4	-	0	b	57	92	6	-	-	-	0	0	-	1012.4	-10	SE	2	b	56	92	6	-	-	0	0	-	1	1	62	55	*	0.2	-	0.8							
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1010.7	-6	S	3	ir	57	97	5	-	2	-	10	10	800	1	2	63	55	52	-	1	7.7									
13B	Stornoway	80	1013.9	-8	-	0	C	55	97	6	5	2	-	4-6	10	1500	1011.3	-4	GSE	2	rofo	55	97	6	5	2	-	7-8	10	1500	1	1	60	53	*	-	1	9.2						
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1013.6	-10	S	5	C	53	92	7	6	7	-	7-8	10	1500	1	*	65	51	47	-	-	2.2									
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1014.0	-10	S	1	m/f	55	97	4	5	-	-	10	10	450	1	1	59	54	54	Tr	0.1	0.1									
	Wick	81	1015.3	-8	SE	3	m	55	97	4	5	7	-	4-6	4-6	1500	1012.8	-16	S	3	C	55	97	7	5	7	-	7-8	9+	1500	1	2	55	53	*	-	*							
16	Lerwick	156	1017.5	-22	S	3	dF	54	97	1	-	-	-	10	10	1500	1014.9	-10	SSE	4	dF	53	97	1	-	-	10	10	1500	1	*	57	52	*	-	0.6	2.7							
17	Blackod Point	18	1012.4	-18	S	1	C	57	92	8	4	-	-	7-6	7-8	1500	1009.1	-16	G/E	1	C	56	97	7	5	-	-	1																

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 28th September														OBSERVATIONS at 18h. G.M.T. 28th September														PAST 24 HOURS.					
		Barom. at station mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.					Barom. at station mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.					State of Ground.	Sea.	WEATHER.					
				Dir.	Force					Low	Med.	High	Low 6-10	Total 0-10			Height of Base (feet)	Dir.					Force	Low	Med.	High	Low 6-10			Total 0-10	Height of Base (feet)	7h.—13h. 28th	13h.—18h. 28th	18h.—24h. 28th	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)		
(For heights see p. 4.)																																			
1	London (Kew)	1012.9	-0.2	SW	3	c/d	61	85	7	5	2	0	10	1500	1011.5	-0.2	SW	2	z	59	85	6	5	7	0	400	1	*	cmide	cm	cmide	cm	cmide	cm	
	Croydon	1013.2	-0.3	SW	3	c/r	61	75	7	3	1	0	10	1500	1012.5	-0.2	SW	2	z	58	85	6	5	5	0	400	1	*	cm	cm	cm	cm	cm	cm	
	S. Farnborough	1012.4	-0.4	SW	2	c	61	85	7	5	3	0	10	1500	1011.3	-0.2	S	3	c	58	85	7	5	5	0	400	0	*	cm	cm	cm	cm	cm	cm	
	Boscombe Down	1012.2	-0.4	SW	3	c	60	85	7	5	2	0	10	1500	1010.9	-0.2	S	3	c	58	85	8	5	4	0	2500	0	*	cm	cm	cm	cm	cm	cm	
	Calshot (St. Hmtn.)	1013.0	-0.8	SW	3	c	62	85	8	5	1	0	10	1500	1012.2	-0.2	SE	2	c	60	85	8	5	2	0	1500	1	2	cm	cm	cm	cm	cm	cm	
	Lymington	1014.4	-0.10	SW	3	bc	61	85	8	5	0	0	10	1500	1013.5	-0.4	SE	2	c	59	85	8	5	2	0	1500	1	2	cm	cm	cm	cm	cm	cm	
	Manston	1013.7	-0.10	SE	4	c	63	75	8	5	7	0	10	1500	1012.7	-0.2	SE	1	c	59	85	8	5	7	0	400	1	*	cm	cm	cm	cm	cm	cm	
2	Shoeburyness	1013.3	-0.10	SW	4	pr	62	85	7	8	7	0	10	1500	1012.4	-0.2	SE	3	c	61	85	8	5	4	0	400	1	*	cm	cm	cm	cm	cm	cm	
	Felixstowe	1013.5	-0.2	SW	4	c	63	85	8	8	7	0	10	1500	1012.4	-0.2	SE	2	bc	60	85	7	5	3	0	400	0	2	cm	cm	cm	cm	cm	cm	
	Gorleston	1012.3	-0.4	SW	4	c	61	75	7	8	7	0	10	1500	1012.1	-0.4	SW	4	c	61	85	6	5	3	0	2500	1	3	cm	cm	cm	cm	cm	cm	
	Mildenhall	1011.9	-0.2	SW	4	c/r	60	85	7	5	7	0	10	1500	1011.2	0	S	2	z	61	85	6	5	7	0	400	1	*	cm	cm	cm	cm	cm	cm	
	Cranwell	1010.3	-0.2	SW	4	id	59	82	4	5	1	0	10	1500	1010.1	-0.2	SW	2	id	57	87	6	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
3	Birmingham	1010.4	-0.12	SW	2	c/r	60	82	6	6	7	0	10	1500	1009.8	-0.2	S	2	c	57	82	6	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
	Upper Heyford	1012.5	-0.2	SW	3	z	57	87	5	5	1	0	10	1500	1011.6	-0.2	SE	1	z	58	82	6	5	3	0	400	1	*	cm	cm	cm	cm	cm	cm	
4	Ross-on-Wye	1011.0	-0.2	SW	3	z	57	82	5	5	1	0	10	1500	1009.8	-0.2	SE	2	z	59	85	7	8	7	0	1500	1	*	cm	cm	cm	cm	cm	cm	
5	Earlham Point	1010.9	-0.10	SW	3	c	57	85	8	8	3	0	10	1500	1008.8	-0.2	SW	3	c	58	85	8	5	2	0	1500	0	2	cm	cm	cm	cm	cm	cm	
	Bristol	1012.1	-0.10	SW	2	z	59	85	7	5	7	0	10	1500	1010.4	-0.2	S	3	c	57	85	7	7	7	0	400	1	*	cm	cm	cm	cm	cm	cm	
	Portland Bill	1012.2	-0.14	SW	3	c	61	82	8	2	4	0	10	1500	1010.4	-0.2	SW	2	id	60	82	7	5	2	0	1500	0	2	cm	cm	cm	cm	cm	cm	
	Plymouth	1012.1	-0.14	SW	3	c	61	75	8	5	1	0	10	1500	1010.2	-0.2	S	0	c	58	85	7	5	2	0	1500	0	2	cm	cm	cm	cm	cm	cm	
	The Lizard	1011.7	-0.12	SE	2	c	57	82	7	4	2	0	10	1500	1009.6	-0.2	SW	2	id	57	87	2	5	2	0	1500	1	2	cm	cm	cm	cm	cm	cm	
	Scilly (St. Mary's)	1010.9	-0.14	SE	3	c/r	60	82	8	8	1	0	10	1500	1009.2	-0.2	SW	3	c/r	57	87	6	8	7	0	1500	1	2	cm	cm	cm	cm	cm	cm	
	Guernsey	1011.7	-0.12	SE	1	c	63	82	7	8	1	0	10	1500	1010.9	-0.2	SW	1	c	62	82	8	8	3	0	1500	1	1	cm	cm	cm	cm	cm	cm	
6	Pembroke	1011.0	-0.2	S	3	c	59	85	8	8	0	0	10	1500	1009.0	-0.2	S	3	0	58	85	8	5	2	0	1500	1	2	cm	cm	cm	cm	cm	cm	
7	Holyhead	1009.5	-0.12	SW	4	c	59	76	8	5	7	0	10	1500	1007.4	-0.2	SW	3	c	57	85	8	8	2	0	400	1	2	cm	cm	cm	cm	cm	cm	
	Chester (Sealand)	1009.5	-0.12	NW	1	c/r	60	85	5	5	1	0	10	1500	1008.8	-0.2	NW	1	z	58	85	6	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
8	Manchester	1009.4	-0.14	SW	1	id	59	87	4	6	2	0	10	1500	1008.5	-0.2	S	0	m	57	87	4	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
10	Spurn Head	1009.5	-0.12	SE	4	id	58	82	6	5	2	0	10	1500	1009.2	-0.2	SW	4	id	57	82	6	5	2	0	1500	1	3	cm	cm	cm	cm	cm	cm	
	Catterick	1009.2	-0.20	NW	1	z	59	87	5	5	1	0	10	1500	1007.0	-0.2	S	0	c/r	58	82	5	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
	Tynemouth	1008.8	-0.24	N	2	id	59	87	2	5	1	0	10	1500	1008.0	-0.2	S	2	id	57	87	2	5	2	0	1500	1	1	cm	cm	cm	cm	cm	cm	
11	St. Abbs Head	1011.0	-0.12	S	0	id	57	87	2	10	10	10	1500	1007.1	-0.2	S	0	c/r	54	87	5	3	2	0	1500	1	2	cm	cm	cm	cm	cm	cm		
	Leuchars	1011.2	-0.24	E	1	id	54	87	3	5	1	0	10	1500	1007.0	-0.2	S	0	id	55	87	4	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
12	Montrose (Abbots I.)	1009.9	-0.24	ENE	3	z	60	85	5	5	1	0	10	1500	1007.2	-0.2	ENE	2	c/r	58	82	5	5	7	0	1500	1	*	cm	cm	cm	cm	cm	cm	
	Eskdalemuir	1009.6	-0.18	NNE	2	z	54	82	6	5	1	0	10	1500	1008.0	-0.2	S	0	id	54	87	6	5	2	0	1500	1	*	cm	cm	cm	cm	cm	cm	
	Point of Ayre	1009.7	-0.22	SE	2	id	61	85	6	5	1	0	10	1500	1007.2	-0.2	S	0	c	59	85	7	5	2	0	1500	0	1	cm	cm	cm	cm	cm	cm	
13	Tiree	1007.8	-0.10	SE	4	c	59	85	6	5	1	0	10	1500	1005.7	-0.2	SE	3	id	56	87	4	5	2	0	1500	1	2	cm	cm	cm	cm	cm	cm	
13	Stornoway	1009.2	-0.8	SW	4	c	57	85	5	5	7	0	10	1500	1001.8	-0.4	S	0	c	55	87	6	5	7	0	1500	1	0	cm	cm	cm	cm	cm	cm	
15	Dalwhinnie	1011.8	-0.20	S	5	bc	58	75	7	4	0	2.5	400	1008.1	-0.14	S	1	c	54	85	7	5	0	7.8	10	2500	0	*	cm	cm	cm	cm	cm	cm	
	Aberdeen	1011.8	-0.20	SE	2	m	54	87	4	5	1	0	10	1500	1007.9	-0.2	SE	1	c/r	56	87	1	5	2	0	1500	1	1	cm	cm	cm	cm	cm	cm	
	Wick	1009.5	-0.20	SE	4	bc	57	85	7	5	1	0	10	1500	1008.3	-0.2	SE																		

REPORTS from HEALTH RESORTS for 28th September, 1938.

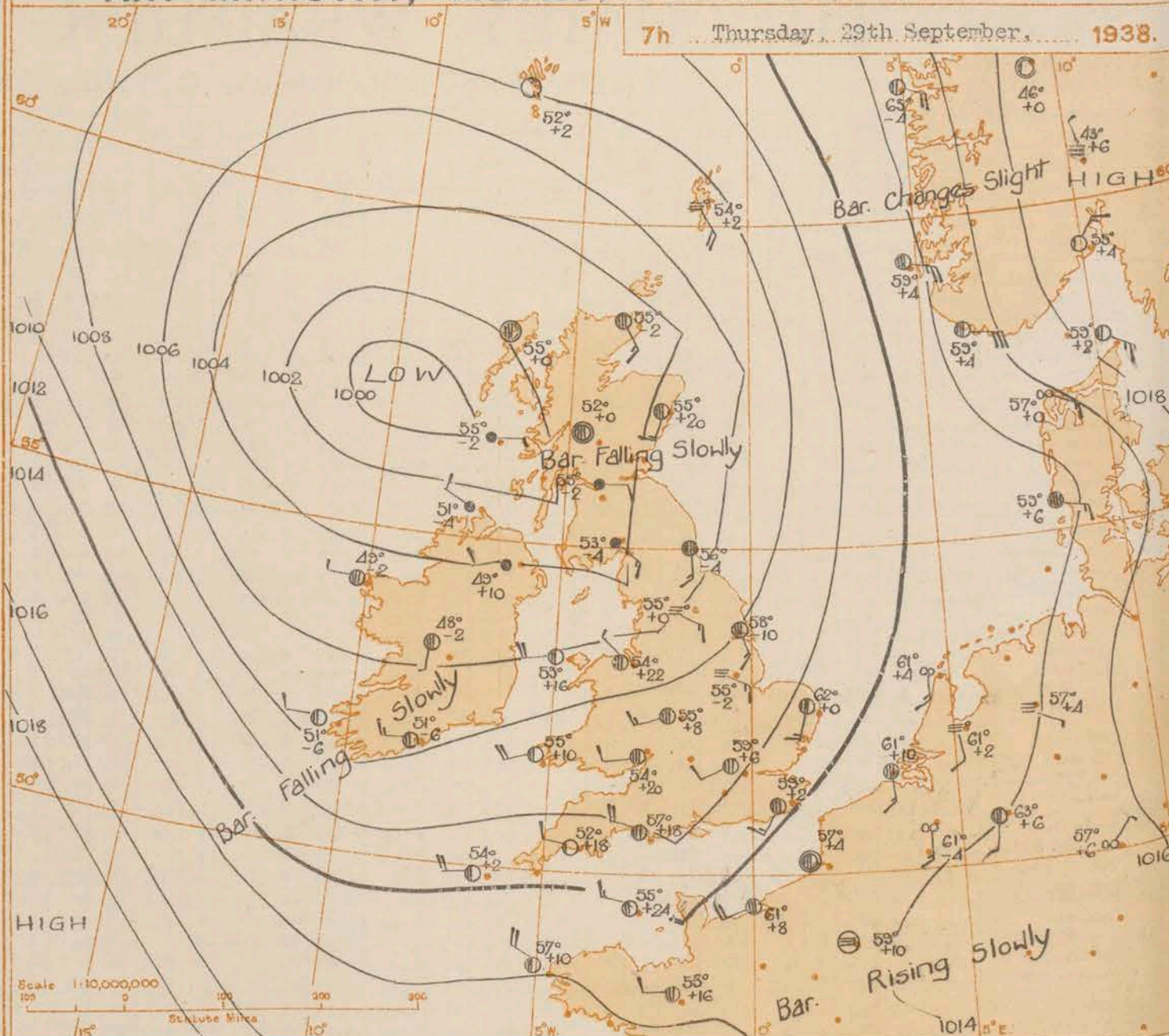
STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		SUNSHINE (Hrs.)	
	Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Start to 17h.	Start to Sunset.
			9h. 27.°K.	9h. 17h.	17h. 27.°K.	9h. 17h.	27.°K.	27.°K.
1 Tunbridge W.	etc	etc	50	65	20	Trace	2.3	1.1
Bournemouth	oc	bbec	52	65	-	Trace	2.1	2.0
Ventnor	oc	bbec	53	63	-	-	3.8	1.4
Southsea	czo	ebec	52	64	Trace	0.5	1.6	0.8
Bognor Regis	oc	bbec	50	62	10	0.5	2.5	0.0
Littlehampton	oc	bbec	58	63	11	0.2	2.8	0.0
Worthing	oc	bbec	49	64	2	-	2.9	0.2
Brighton	oc	bbec	51	64	1	Trace	2.9	0.5
Eastbourne	oc	bbec	52	63	5	0.1	4.0	1.6
Hastings	oc	bbec	52	65	2	Trace	3.2	1.2
Folkestone	oc	bbec	53	67	9	-	3.6	3.9
Dover	oc	bbec	55	63	5	-	3.0	3.9
Deal	oc	bbec	53	65	8	-	3.2	4.4
Ramsgate	oc	bbec	55	64	7	-	4.2	4.1
Margate	oc	bbec	54	65	10	-	4.2	4.2
2 Southend	oc	bbec	54	62	6	Trace	0.2	4.5
Clacton-on-Sea	oc	bbec	55	63	14	-	1.1	5.3
Dovercourt	oc	bbec	55	64	9	Trace	1.8	5.1
Lowestoft	oc	bbec	56	64	7	Trace	1.5	5.0
Skegness	oc	bbec	56	60	-	Trace	0.0	6.7
Mablethorpe	oc	bbec	57	60	4	3	0.0	6.7
Cleethorpe	oc	bbec	60	60	4	Trace	0.1	3.6
3 Leamington S.	oc	bbec	53	61	8	0.3	0.0	1.9
4 Cheltenham	oc	bbec	48	60	Trace	-	0.8	0.7
5 Bath	oc	bbec	49	63	-	Trace	0.2	3.4
Weymouth	oc	bbec	54	65	-	Trace	2.9	1.2
Jersey	oc	bbec	51	65	-	Trace	0.9	0.1
Torquay	oc	bbec	57	65	-	-	4.0	6.0
Falmouth	oc	bbec	48	60	-	-	0.5	3.4
Penzance	oc	bbec	48	59	-	1	0.2	8.7
St. Ives	oc	bbec	51	63	-	-	3.6	10.0
Bude	oc	bbec	56	62	-	-	2.0	3.1
Ilfracombe	oc	bbec	55	61	0.1	-	0.3	2.1
6 Aberystwyth	oc	bbec	49	61	-	-	0.0	0.0
7 Llandudno	oc	bbec	48	63	-	-	6.0	0.0
Colwyn Bay	oc	bbec	48	62	-	-	4.9	0.0
Rhyl	oc	bbec	46	62	-	-	2.0	0.0
8 Wallasey	oc	bbec	50	59	-	-	0.0	0.5
Southport	oc	bbec	49	63	Trace	-	0.7	1.0
Blackpool	oc	bbec	49	61	Trace	-	0.1	0.0
Morecambe	oc	bbec	52	60	-	-	0.0	0.8
9 Ilkley	oc	bbec	52	59	1	0.6	0.0	0.1
Harrogate	oc	bbec	55	53	1	0.1	0.0	2.1
10 Berwick-on-T.	oc	bbec	50	55	0.1	0.7	0.0	0.0
11 Dunbar	oc	bbec	49	55	Trace	2	0.8	0.0
12 Troon	oc	bbec	51	67	-	-	6.6	0.2
Douglas	oc	bbec	55	61	-	-	1.8	1.4

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th September, 1938.
1 S.E. England	Wind southwest light to moderate; rather showery; some bright periods; somewhat cooler especially at night.
2 E. England	
3 E. Midlands	Wind south, veering southwest, moderate; cloudy; rain at first, then showers and brighter intervals; becoming less close.
4 W. Midlands	
5 S.W. England	Wind becoming southwest, light to moderate; showery with bright periods; cooler than of late.
6 South Wales	
7 North Wales	Wind southwest to variable; mainly cloudy; occasional rain or showers; average temperature.
8 N.W. England	
9 N. Midlands	
10 N.E. England	Wind southeast, light to moderate; cloudy or dull; occasional rain; close.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scotl. land.	Wind mainly southeast, light to moderate; cloudy or dull; local coast fog in the east; occasional rain or drizzle mostly slight; rather close.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind between west and south, light to moderate; mainly cloudy; rain at times; rather cool.
18 N.E. Ireland	
19 S.E. Ireland	As 4 - 6.
20 S.W. Ireland	

H.M. Stationery Office Press, Kingston, K.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 depression centred near the Hebrides is almost stationary, but will become deeper and rather more complex. Weather will continue unsettled with further rain in most districts, but is expected to be more of a showery character with brighter intervals in at least the southern half of the country.

FURTHER OUTLOOK.

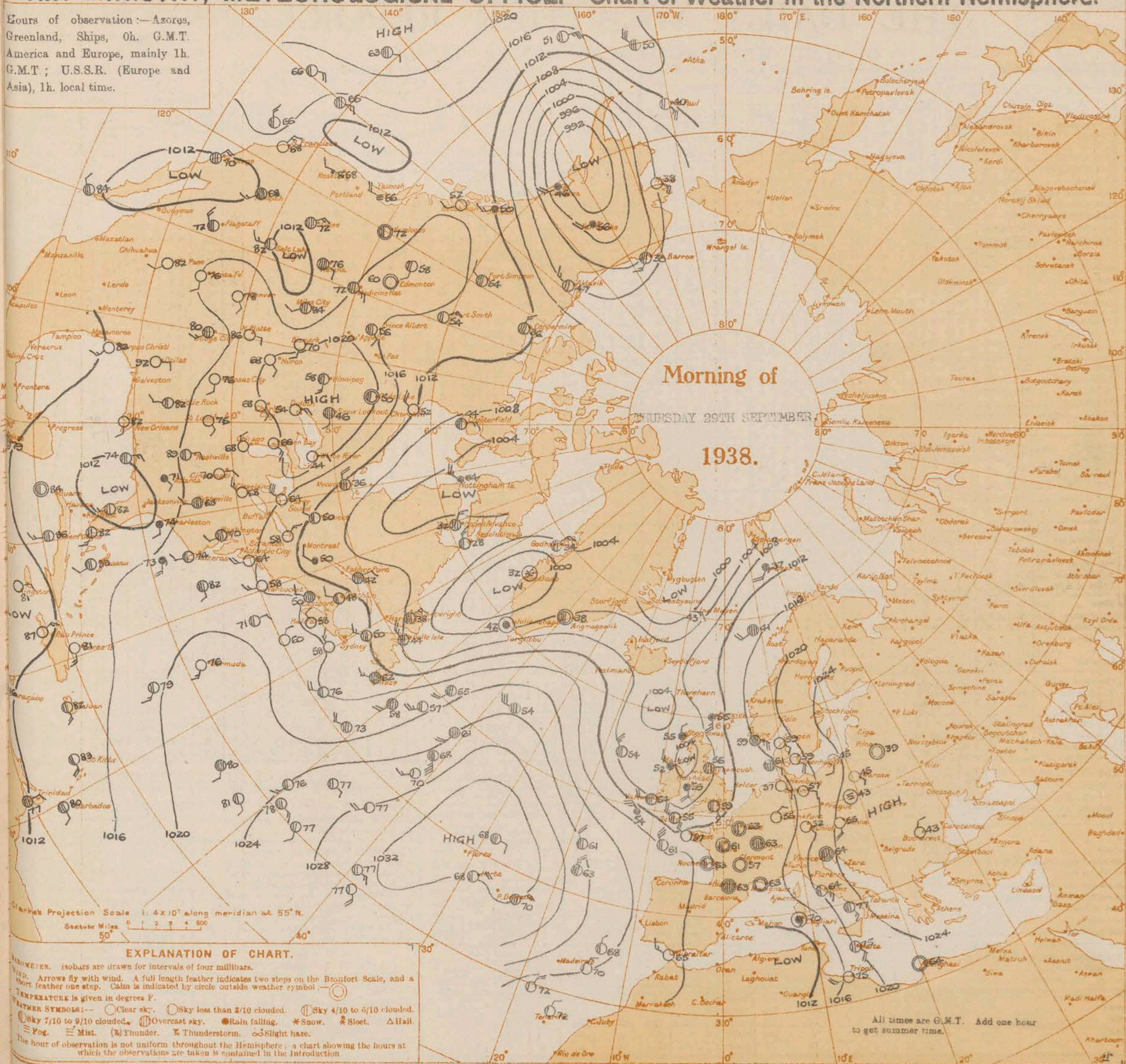
Continuing unsettled.

Forecasts issued at 1000 G.M.T.

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

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

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



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 29th September, 1938.

No. 28070.

OBSERVATIONS at 1 hr. G.M.T. 22 nd Sept. 1938.														OBSERVATIONS at 7 hr. G.M.T. 22 nd Sept. 1938.														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visib. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36) Hrs.		
					Dir.	Force (3-12)					Form.	Amount.		Height of Base. (feet).	Dir.			Force (3-12)	Form.					Amount.		Height of Base. (feet).	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 (12)									Total (13)	Low (23)		Med. (24)	High (25)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1009.7	+4	SSW	2	c	59	92	7	8	-	-	9+	9+	2500	1	*	63	55	48	Tr	0.5	0.7			
	Croydon	217	1010.0	-16	SSE	3	pc/d	59	97	7	5	-	-	4-6	4-6	1500	1009.7	+6	SW'S	2	c/d	59	92	8	6	3	-	4-6	9+	1500	1	*	63	56	52	0.1	0.2	0.4
	S. Farborough	226	*	*	*	*	*	*	*	*	*	*	*	1009.3	+8	SW'S	1	dd	57	97	5	6	2	-	-	4-6	10	800	1	*	62	55	51	0.1	0.5	0.1		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1009.5	+14	WNW	3	c	55	97	8	6	7	-	-	7-8	10	800	1	*	63	55	54	Tr	0.6	1.0		
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	1009.8	+2	SW'S	3	c	59	92	8	8	8	-	-	7-8	9	1500	1	2	64	59	57	+	1	1.0		
	Lymington	346	1011.7	-10	SEA	3	z	60	97	6	5	-	-	10	10	800	1011.6	+2	SW'S	3	c	59	97	7	5	7	-	9	9+	2500	1	2	64	58	56	0.1	Tr	2.0
	Manston	142	1010.7	-12	SE'S	2	bc	61	97	6	5	-	-	4-6	4-6	800	1010.8	+6	SW'S	3	c	61	92	6	5	-	4	7-8	9	1500	1	*	65	57	54	-	-	3.8
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1010.1	+6	SW'S	4	c	62	92	8	5	7	-	-	9	9+	1500	1	*	63	57	52	0.1	Tr	0.2		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1010.0	+4	SE	3	bc	62	92	7	5	7	6	-	4-6	4-6	4000	0	3	64	59	55	Tr	-	1.0		
	Gorleston	5	1011.4	-4	S	2	b	58	92	7	-	-	-	0	0	-	1010.4	0	SW'S	3	c	62	92	7	5	3	-	4-6	7-8	2500	1	2	65	58	56	Tr	-	2.2
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1008.6	+2	SSE	3	z	61	92	6	6	7	-	-	7-8	9+	800	1	*	63	50	47	0.2	Tr	0.1		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1007.9	-2	SE	3	cf	55	97	3	5	3	-	-	9	9+	450	1	*	59	52	50	1	0.3	0.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1008.5	+8	WSW	3	c/r	55	92	8	6	-	-	-	9+	9+	1500	1	*	61	54	52	5	1	0.7		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1008.5	+6	SW'S	2	c/d	56	97	7	5	-	-	-	9+	9+	450	1	*	60	54	50	0.1	0.4	*		
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1009.1	+20	W'S	2	c	54	85	9	4	-	-	-	7-8	7-8	2500	1	*	60	53	50	0.1	Tr	0.1		
5	Hartland Point	299	1006.7	-6	WNW	4	c	57	97	8	-	2	-	9+	9+	1500	1009.8	+12	W	5	bc	55	75	8	5	-	-	4-6	4-6	1500	1	3	61	54	50	-	3	2.4
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1009.6	+22	W	3	bc	52	92	7	5	-	-	-	2-3	2-3	2500	1	3	62	52	49	0.1	2	0.1		
	Portland Bill	32	1008.6	-18	WSW	4	o	59	92	8	5	-	-	10	10	1500	1010.5	+18	WNW	4	c	57	92	7	5	-	-	7-8	7-8	2500	1	3	62	56	*	Tr	1	*
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1011.3	+18	WNW	2	b	52	85	8	5	4	-	-	Tr	1	2500	1	1	63	54	48	Tr	3	2.1		
	The Lizard	240	1009.9	+8	WN	5	bc	55	85	8	8	-	-	4-6	4-6	2500	1011.6	+10	WSW	5	bc	55	85	8	4	-	-	4-6	4-6	2500	1	3	60	54	*	1	0.3	
	Scilly (St. Mary's)	163	1010.9	+16	NW	5	bc	55	75	8	8	-	-	2-3	2-3	1500	1011.1	+2	W'S	4	bc/pr	54	85	8	8	4	3	2-3	4-6	1500	1	3	60	54	*	0.4	3	0.6
	Guernsey	175	1010.1	-8	SW	3	fofo	58	97	6	5	-	-	10	10	1500	1012.3	+24	WNW	3	bc	55	85	7	8	3	-	2-3	4-6	2500	1	3	64	55	50	Tr	1	1.5
6	Pembroke	142	1006.6	-6	WNW	5	g	55	97	7	5	-	-	10	10	1500	1008.8	+10	WSW	4	bc	55	75	8	2	-	-	2-3	2-3	2500	1	2	61	53	*	-	4	1.3
7	Holyhead	26	1004.1	-18	SSE	4	g	56	92	6	6	2	-	4-6	10	450	1006.2	+16	W'S	4	bc	53	85	8	2	-	-	4-6	4-6	2500	1	2	61	52	49	Tr	8	3.8
8	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1006.9	+22	NW'S	1	c	54	85	7	8	3	-	-	9	9	1500	1	*	61	54	49	-	0.2	0.0		
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1006.0	+2	SW'S	3	z	57	92	6	5	7	-	-	7-8	10	2500	1	*	58	54	52	5	1	0.0		
10	Spurn Head	29	1008.8	-4	S	3	b	57	92	5	-	-	-	0	0	-	1008.1	-10	SE	3	c	58	92	6	5	2	-	7-8	10	1500	1	2	61	55	*	Tr	1	0.4
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1005.6	0	SE'S	3	m	55	97	4	5	-	-	-	10	10	450	1	*	58	53	53	0.0	Tr	0.0		
	Tynemouth	108	1006.5	0	E	2	c	56	85	8	8	-	-	7-8	7-8	1500	1005.1	-4	S	3	o	56	92	6	5	-	-	10	10	800	1	2	57	55	53	2	0.1	0.0
11	St. Abbs Head	280	1004.8	-4	WSW	4	rr	54	97	7	3	2	-	7-8	10	1500	1005.0	+6	SSE	3	c	53	92	6	8	6	-	7-8	9+	1500	1	3	58	51	*	3	4	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1004.1	+2	ESE	2	c	56	85	7	5	7	-	-	4-6	9+	2500	1	*	53	53	49	3	3	0.0		
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1003.1	-2	E	2	rr	55	97	4	5	-	-	-	10	10	800	1	*	61	54	51	Tr	2	3.4		
	Bakdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1003.7	-4	SE'S	3	fofo	53	85	6	6	3	-	-	4-6	9+	1500	1	*	57	51	50	0.1	Tr	0.5		
	Point of Ayre	30	1004.6	-14	SSE	3	ir	56	92	8	5	-	-	10	10	1500	1004.0	+8	WNW	5	c	53	92	8	8	-	-	9+	9+	1500	1	3	63	52	*	4	4.7	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1000.9	-2	EH	1	RR	55	97	5	-	2	-	-	10	10	450	1	3	60	53	52	2	18	0.8		
13B	Stornoway	80	1004.9	-8	N	1	pr	65	97	6	5	2	-	4-6	10	1500	1002.9	0	-	0	c	55	97	6	5	2	-	4-6	10	1500	1	0	60	54	*	3	0.2	0.4
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1003.5	0	-	0	c	52	92	7	6	7	-	-	4-6	10	2500	1	*	60	50	48	-	9	6.6		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1004.3	+20	SW'S	3	c	55	97	5	6	-	-	-	9+	9+	450	1	1	56	55	54	3	0.3	0.0		
	Wick	81	1004.8	-10	SE	4	c	55	97	7	5	7	-	7-8	7-8	1500	1003.0	-2	SSE	3	c	55	97	5	5	2	-	9	10	450	1	1	58	54	*	-	0.1	*
16	Lerwick	156	1008.6	-14	SSE	5	ir	55	97	4	-	-	-	10																								

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday, 30th September, 1938
No. 28071.

District.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 29th September														OBSERVATIONS at 18h. G.M.T. 29th September														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					Form.	Amount.	Height of Base (feet)			Form.	Amount.					Height of Base (feet)	Form.	Amount.			Height of Base (feet)	State of Ground.	Sea.	7h.—13h. 29th	13h.—18h. 29th	18h.—24h. 30th	1h.—7h. 30th																	
																																	Low	Med.	High	Low	Total	Low	Total	Low	Total	Low	Total	Low	Total	Low	Total	Low	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)																
1	London (Kew) Croydon S. Farnborough Boscombe Down Calshot (Stmntn.) Lympne Manston	1012.1 1011.5 1011.8 1012.2 1013.1 1012.7 1011.8	+10 +6 +6 +12 +10 +4 +4	SW WSW WNW WSW SWW SSW SSW	2 3 2 3 3 3 4	c c bc bc bc c c	62 63 63 59 65 63 66	65 65 65 55 55 55 75	8 8 8 8 8 8 8	7 4 1 4 4 4 6	9 9 3 9 9 4 6	4 4 4 4 4 4 6	1013.5 1013.4 1013.5 1013.3 1014.0 1014.4 1013.5	+12 +16 +10 +10 +6 +10 +12	SSW SSW SSW SSW SSW SSW SSW	2 3 3 3 4 3 2	bc b b bc bc c c	59 58 55 55 59 56 57	85 75 75 75 75 85 85	8 7 8 8 8 8 8	5 4 4 4 4 4 5	1 4 4 4 4 4 1	2-3 Tr Tr Tr 4-6 7-8 7-8	2500 4000 4000 2500 2500 - 2500	1 1 0 0 1 1 1	* * * * * * *	cdrnc dddc ddc cbrbc cprbc cprbc cbcc	cbcyb cbcyb bcy bcybc bcybc bc cbc	bw b2hw bcb c.b.c.R. bcbpccpr bcbw bcbw	bcmw b2bw bcb bcbw bcbw bcbw bcbw																			
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1011.7 1011.6 1011.2 1010.8 1010.2	+4 +6 +2 +2 +14	SW SSW SW SW WNW	4 3 4 4 3	c c c/pr c c	65 63 66 63 61	75 85 85 85 75	8 8 6 8 8	7 3 - - 3	- - - - 9	4-6 4-6 9 9 4-6	2500 1500 2500 2500 2500	1013.2 1012.9 1012.0 1012.5 1011.8	+12 +10 +8 +14 +10	NNW SWW SW WSW SW	1 2 2 2 2	c z c c bc	60 62 62 59 55	75 75 85 85 85	7 6 6 7 7	4 3 7 5 4	3 9 - - 9	1 9 7-8 7-8 4-6	4000 - 2500 4000 4000	1 0 0 0 0	* * 2 2 *	cprprc bcbcb cprc c cfemm	c cbcm c c bcbcb	cb bcmw cbcbw c bcmw	bw bwb bcz bwy bwyff																		
3	Birmingham ... Upper Heyford	1010.6 1011.5	+8 +6	WSW W	2 3	bc bc	58 61	55 65	8 8	7 1	- -	4-6 2-3	2500 4000	1011.5 1012.8	+4 +6	S S	2 2	b bc	58 55	65 75	7 8	- 7	4 3	- -	0 4-6	1 4000	- 0	1 0	* *	cbc cbc	bcb bcbybc	b bec	bo cbe																
4	Ross-on-Wye	1011.0	+4	SW	3	c	60	65	8	7	-	7-8	9	4000	1011.5	+6	SE	2	bc	54	92	6	9	-	9	9	2500	1	1	1	1	1	1	1															
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Seilly (St. Mary's) Guernsey ...	1009.9 1011.8 1013.0 1012.0 1012.1 1011.1 1013.3	-2 +2 +2 0 0 -2 +2	WSW SW SW SW WSW SWW SW	6 4 4 5 5 4 4	c bc c c bc c/pr bc	57 62 60 61 59 54 63	75 65 92 75 85 92 65	8 8 8 8 8 7 8	8 3 2 7 6 7 2	- - - - - - -	7-8 4-6 7-8 4-6 4-6 7-8 4-6	1500 2500 2500 4000 2500 1500 1500	1009.9 1012.0 1012.5 1011.5 1011.3 1010.8 1014.2	0 +2 -4 -2 -4 +4 +2	W'S S WSW SWW SW SWW SWW	5 3 4 4 4 4 1	c bc c c/pr bc bcpr bc	56 57 53 57 55 54 53	85 75 92 85 85 85 75	8 8 7 5 8 8 7	5 3 2 3 4 4 1	5 - - - - - - 8	7-8 4-6 4-6 7-8 4-6 2-3 2-3	800 4000 2500 1500 2500 1500 2500	1 1 1 1 1 1 1	3 3 2 3 3 3 3	bpcq bcbbc c bbcbcb prbc bcbpq bcc	cbccr bcbprc c bccPR bcbpr cbcb bcbcb	cbe becir c cprpccpr bcb bcb bcb	bcc cbprp c bcb bcb bcb bcb																		
6	Pembroke ...	1009.2	0	SSW	5	bc	58	75	8	7	-	4-6	4-6	2500	1009.9	-2	SW	5	bcq	56	85	7	7	-	4-6	4-6	2500	1	2	2	2	2	2																
7	Holyhead ...	1007.9	0	SSW	4	bc/pr	59	85	8	2	4	-	4-6	4-6	1000	1008.4	+2	SE	3	c/pr	55	85	8	2	8	-	4-6	7-8	1500	1	2	2	2	2															
8	Chester (Sealand)	1009.4	+4	S	1	bc	66	45	8	8	-	4-6	4-6	4000	1010.2	+6	SE	1	c	57	75	6	3	-	7-8	7-8	2500	0	1	1	1	1	1																
9	Manchester ...	1009.8	+10	SW'S	2	bc	62	55	7	1	-	2-3	2-3	4000	1010.3	+8	SE'S	3	z	57	75	5	5	-	7-8	7-8	4000	1	1	1	1	1	1																
10	Spurn Head ... Catterick ... Tynemouth ...	1009.8 1009.0 1009.9	+12 +16 +16	SWW WSW WSW	2 3 3	c bc bc	64 61 63	75 65 55	6 8 7	5 3 8	7 3 -	4-6 4-6 4-6	2500 2500 1500	1011.5 1010.9 1009.6	+12 +10 +14	W'S - SW	1 0 2	c b bc	60 54 57	75 75 65	6 8 7	5 4 2	4 - 4	- 0 -	7-8 1 4-6	9 1 1500	0 1 1	1 1 1	1 1 1	c ddc obc	c bcbyb bc	bcbw bw bcffm	bw bw bw																
11	St. Abbs Head ... Leuchars ...	1006.4 1006.5	+6 +14	SW SW	5 3	c c	59 60	85 85	9 7	2 7	2 7	4-6 4-6	7-8 1500	1010.5 1009.5	+8 +18	SW S	3 1	bc b	54 52	85 85	9 7	4 4	- 5	1 Tr	2-3 1	2500 4000	0 1	2 *	2 *	c cmrnc	b cbcb	b bwfq	bcbw bcbw																
12	Rentrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	1006.7 1007.5 1007.9	+22 +24 +16	SW'S SW'S SW'S	3 4 4	bc bc c	56 54 58	75 75 75	8 8 5	6 8 5	- - -	4-6 4-6 9	2500 2500 2500	1008.8 1010.3 1009.0	+12 +16 +8	S SSW SSW	1 2 3	z b bc	56 49 55	75 85 85	5 8 8	4 3 3	- 1 -	9 1 2-3	9 1500 1500	1 1 0	1 1 1	1 1 1	1 1 1	cmrnc cmrnc cbcc	bcycm bcbcb prbc	bcmw bcmw bcmw	cmrnc cmrnc cmrnc																
13	Tiree ...	1003.1	+24	SW'S	5	c	55	75	8	8	-	7-8	7-8	1500	1006.2	+18	S	3	bc	53	85	8	6	1	1	2-3	2500	0	4	4	4	4	4																
14	Stornoway ...	1003.3	+6	SE	1	bc	58	92	6	5	-	4-6	4-6	1500	1006.4	+20	S	5	c/pr	54	85	8	5	7	-	7-8	4000	1	3	3	3	3	3																
15	Dalwhinnie ... Aberdeen ...	1005.9 1006.9	+12 +6	S SE	5 3	c c	53 57	92 92	6 5	2 5	- 7	4-6 9	2500 450	1008.5 1009.4	+28 +18	S SW	4 2	bc b	58 56	85 75	8 6	4 1	- 3	2-3 Tr	2-3 Tr	4000 1500	1 1	1 1	1 1	1 1	1 1	1 1	1 1																
16	Wick ... Lerwick ...	1005.7 1009.4	+14 +10	SSE SSE	4 5	bc c	58 57	85 92	6 5	7 3	- -	2-3 4-6	1500 450	1007.5 1010.9	+14 +8	SE SE	5 5	c c	55 55	97 97	5 6	5 5	7 7	- -	4-6 9	7-8 220	1500 0	1 0	2 *	2 *	2 *	2 *	2 *																
17	Blacksod Point	1005.4	+6	W	2	c	59	85	9	3	-	7-8	7-8	1500	1006.5	+8	NW	2	c	55	92	9	3	-	2-3	7-8	1500	0	2	2	2	2	2																
18	Malin Head ... Aldergrove ...	1005.0 1006.7	+12 +10	SW SW	2 3	c/pr c	53 55	85 75	9 8	2 2	- -	4-6 7-8	2500 1500	1006.0 1007.3	+14 +4	S SSE	2 2	bc c	54 53	92 85	8 8	8 8	3 3	4 -	2-3 7-8	4-6 4000	1 1	1 1	1 1	1 1	1 1	1 1	1 1																
19	Birr Castle ...	1005.8	-2	SSW	2	c	57	75	8	8	3	-	7-8	9	1500	1006.2	+6	SSW	1	pr	55	85	8	8	3	-	7-8	9	1500	1	1	1	1	1															
20	Valentia Obay. † Roches Point	1007.1 1006.9	-2 -6	W W	3 3	bc bc/pr	56 54	75 92	8 8	3 3	- 3	4-6 4-6	1500 1500	1007.1 1007.3	+2 +4	- W	0 3	bc bc	54 55	85 97	8 8	8 3	- -	2-3 2-3	4-6 4-6	1500 1500	1 1	2 3	2 3	2 3	2 3	2 3	2 3																

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 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.
j, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊙, Solar halo. ☾, Lunar halo. /gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions: thus bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.
Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.
An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9-4" 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 decreasing (often lenticular).
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

Cloud form abbreviations:—

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

COLUMN 29.—STATE OF GROUND.

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

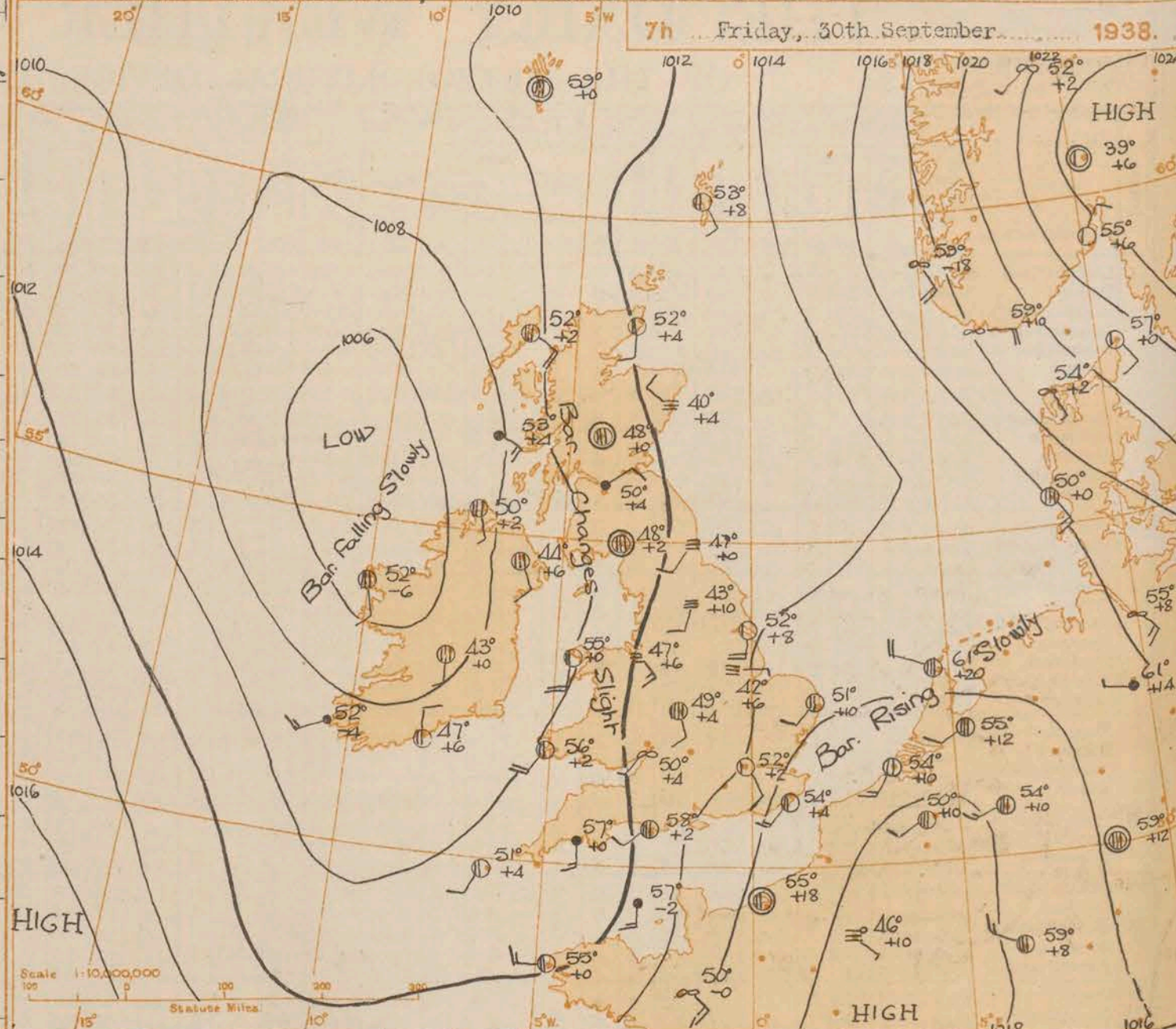
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

REPORTS from HEALTH RESORTS for 29th September 1938.

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE. (Hrs.)	
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunset to 28th.
				9h-12h.	12h-17h.	17h-29th.	29th.	29th.	28th.
1	Tunbridge W.	ocon	ccbc	54	64	3	Trace	1.6	2.3
	Bournemouth	b	b	55	64	2	8.5	7.9	2.1
	Ventnor	rocb	b	56	62	1	-	7.6	3.8
	Southsea	ccbc	bc	56	65	1	-	7.2	1.9
	Bognor Regis	ccbc	bc	54	63	4	-	7.0	1.5
	Littlehampton	bc	bc	56	63	1	-	6.8	2.8
	Worthing	ccbc	bc	57	64	3	-	5.4	2.9
	Brighton	cc	bc	59	64	1	-	4.4	2.9
	Eastbourne	cc	ccbc	60	63	0.2	-	3.2	4.0
	Hastings	cc	cc	60	64	7	-	2.3	3.8
2	Folkestone	ccbc	bc	59	67	Trace	Trace	4.2	3.6
	Dover	cc	bc	60	66	-	-	4.1	6.0
	Deal	c	c	58	66	-	-	3.3	3.2
	Ramsgate	bc	bc	60	65	-	-	2.8	4.2
	Margate	bc	bc	59	67	-	-	4.7	4.2
	Southend	cod	cc	56	66	0.3	Trace	1.5	0.2
	Clacton-on-Sea	ccc	cc	58	66	0.6	-	1.2	1.1
	Dovercourt	bc	bc	55	65	Trace	Trace	1.6	1.8
	Lowestoft	ccc	ccbc	57	66	Trace	-	2.2	1.5
	Skegness	cc	ccbc	55	64	0.5	-	0.7	0.0
3	Mablethorpe	cc	bc	53	65	3	-	1.7	0.0
	Cleethorpe	c	bc	53	66	1	-	2.0	0.1
	Leamington S.	bc	bc	52	63	0.6	-	7.4	0.0
	Cheltenham	ccbc	ccbc	54	64	Trace	-	7.1	0.8
	Bath	bbcc	bbcc	54	63	1	-	8.2	0.2
	Weymouth	b	b	54	63	3	-	9.8	2.9
	Jersey	ccbc	ccc	57	63	Trace	-	7.1	0.9
	Torquay	b	bbcc	50	63	0.5	-	9.1	4.0
	Falmouth	ccbc	ccbc	49	62	3	4	5.8	0.5
	Penzance	bbcc	bbcc	50	63	3	3	6.4	0.2
4	St. Ives	c	p	51	62	4	1	5.5	3.6
	Bude	bc	cc	55	62	2	1	5.8	2.0
	Ilfracombe	ccbc	ccbc	55	62	3	4	7.1	0.9
	Aberystwyth	ccbc	ccbc	54	60	3	2	5.8	0.0
	Llandudno	ccbc	ccbc	52	63	1	-	5.7	5.0
	Colwyn Bay	ccbc	ccbc	52	64	-	-	6.6	4.9
	Rhyl	ccbc	ccbc	53	63	-	Trace	5.1	2.0
	Wallassey	ccbc	ccbc	54	63	Trace	Trace	4.6	0.0
	Southport	ccbc	ccbc	54	65	0.6	0.1	5.8	0.7
	Blackpool	ccbc	ccbc	54	64	0.3	-	6.3	0.1
5	Morecambe	ccbc	ccbc	53	61	0.3	-	6.1	0.0
	Ilkley	ccbc	ccbc	53	63	0.5	-	6.1	0.0
	Harrogate	ccbc	ccbc	52	61	0.1	-	6.6	0.0
	Berwick-on-T.	c	ccbc	51	61	6	-	4.4	0.0
	Dunbar	ccbc	ccbc	52	63	11	-	5.5	0.8
	Troon	ccbc	ccbc	53	58	2	Trace	5.0	6.6
	Douglas	ccbc	ccbc	51	59	7	Trace	8.5	1.8
	Max. Temp. for period 21h. yesterday to 17h. to-day.	Min. Temp. 21h. to-day.							

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 30th September 1938.



FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th September, 1938.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th September, 1938.
1 S.E. England	Wind southerly, light; considerable bright periods, a few scattered showers at first; morning fog; rather warm by day; cool at night with slight ground frost locally.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind southerly, light; variable sky; some showers; early morning fog; average day temperature; local ground frost at night.
5 S.W. England	
6 South Wales	Wind southerly, light to moderate, beginning to freshen tomorrow; showers and bright intervals today; cloud increasing; rain spreading from west 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.	Wind southeast, light to moderate, freshening tomorrow; occasional rain or showers today; some bright intervals; becoming dull and rainy tomorrow; average temperature.
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Wind southwest to south, light to moderate, then freshening from south; showers and bright intervals at first with a chance of local thunder; becoming dull and rainy later; rather cool becoming milder.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A shallow depression off Northwest Ireland is almost stationary. A new depression 600 miles west of Ireland will grow deeper and move eastnortheast. There will be showers and bright intervals at first but rain will set in in Ireland and extend eastwards during tomorrow. Morning fog will occur in England and Scotland.

FURTHER OUTLOOK.

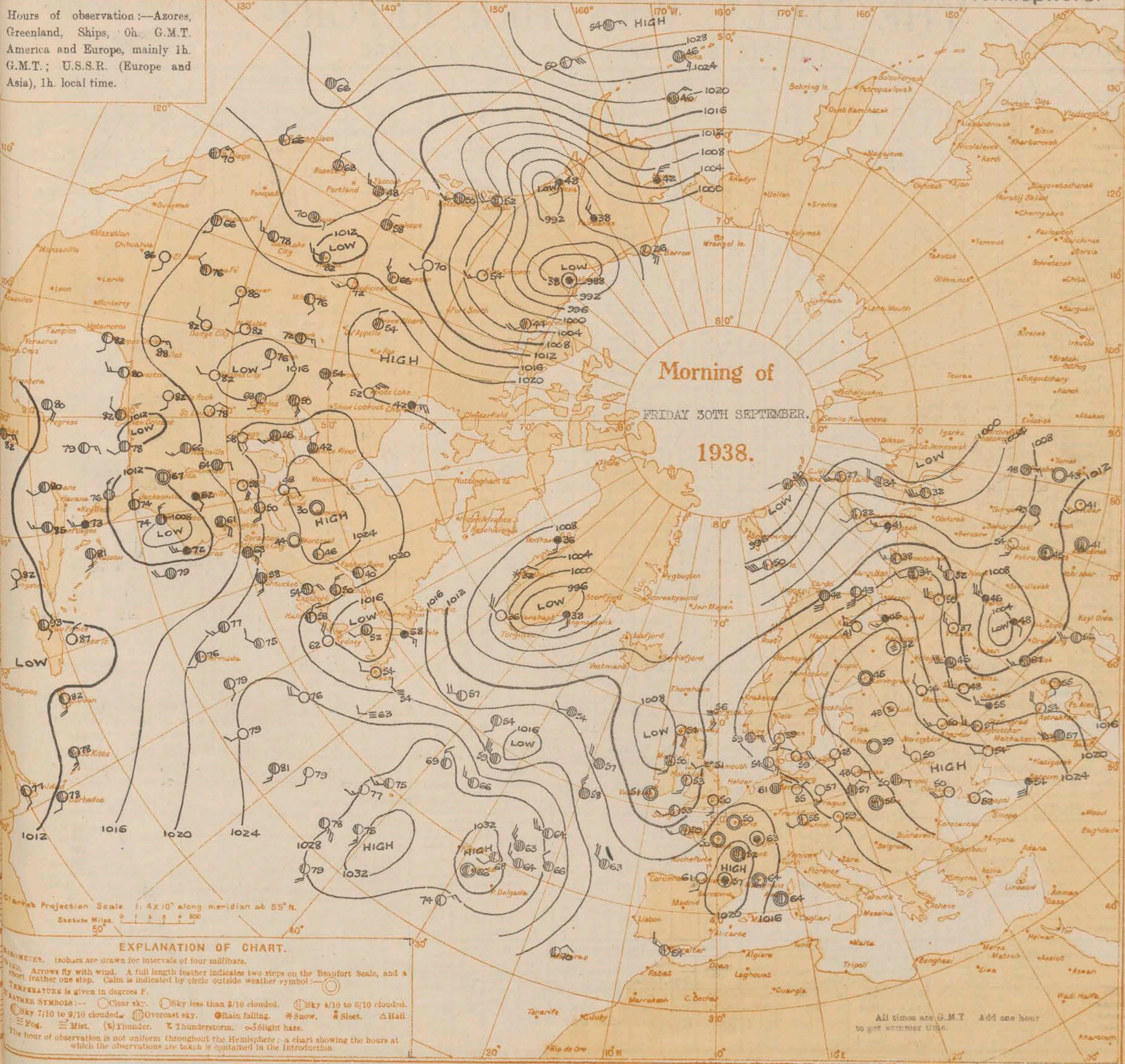
A period of rain in the East; showers in the West.

Forecasts issued at 1000 G.M.T.

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

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

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



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. ☁ 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

Friday, 30th September, 1938.

No. 28071.

OBSERVATIONS at 1 hr. G.M.T. 30th September														OBSERVATIONS at 7 hr. G.M.T. 30th September														PAST 24 HOURS.										
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 29th Hrs.				
					Dir.	Force 0-12 (4)					Low (9)	Med. (10)	High (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base (feet). (14)					Dir.	Force 0-12 (18)	Low (23)	Med. (24)			High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet). (28)	Max. Day 7h-18h °F. (31)		Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1014.7	+4	SSE	2	z	53	92	6	5	-	-	2-3	2-3	4000	1	*	64	47	37	0.5	-	3.5			
	Croydon ...	217	1014.7	+9	SE	3	b	50	92	8	-	-	0	0	1014.6	+2	SSE	2	b	52	92	7	2	4	-	Tr	2500	1	*	65	49	45	1	Tr	2.7			
	S. Farnborough ...	228	*	*	*	*	*	*	*	*	*	*	*	1014.0	+6	SE'S	2	pr	53	92	6	7	3	-	4-6	7-8	2500	1	*	65	47	40	0.2	4	5.6			
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1013.4	+2	SE	3	pr	51	97	7	8	3	-	4-6	7-8	1500	1	*	63	47	44	1	4	7.1			
	Calshot (St. Hmtn.) ...	8	*	*	*	*	*	*	*	*	*	*	*	1014.0	+4	SE'S	3	pr	58	92	6	8	3	-	9	9	1500	1	3	65	50	54	1	1	3.9			
	Lympe ...	346	1016.7	+6	SW'S	1	b	49	92	8	-	-	0	0	1016.7	+4	SSW	3	bc	54	92	8	5	-	-	2-3	2-3	2500	1	3	64	48	42	Tr	-	5.6		
	Manston ...	154	1015.7	+4	SW'S	3	bc	50	85	7	-	7	-	0	2.3	1016.4	+6	S	2	bc	52	92	6	5	4	-	4-6	4-6	500	1	*	67	48	42	-	-	5.8	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1015.7	+6	S	3	b	57	85	8	-	-	-	0	0	-	1	*	65	52	41	0.2	-	2.0			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1015.7	+6	S	3	b	58	85	7	1	4	-	Tr	Tr	4000	0	2	60	52	46	Tr	-	2.5			
	Gorleston ...	5	1014.1	+10	W'S	2	b	52	85	7	-	-	0	0	1015.8	+10	SW'S	2	bc	51	85	6	-	-	0	2-3	-	0	2	60	45	47	Tr	Tr	1.6			
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	1014.9	+6	SESE	2	z	47	97	6	5	-	-	1	1	4000	1	*	64	43	40	Tr	Tr	0.0			
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1013.8	+6	E	1	bF+	42	97	1	-	-	-	0	0	-	0	*	64	41	35	Tr	-	5.4			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1013.5	+4	SSE	2	o	49	97	5	5	-	-	10	10	450	1	*	63	47	42	-	-	7.4			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1013.8	+4	SE'S	2	z	50	97	6	7	3	-	4-6	7-8	1500	1	*	64	48	42	-	-	*			
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1012.6	+4	SW	1	z	50	97	6	5	-	-	9+	9+	1500	1	*	63	47	38	2	0.6	7.0			
5	Hartland Point ...	239	1010.4	0	S	4	b	50	92	8	4	-	-	1	1500	1010.5	+2	S	3	c	51	92	8	2	2	-	2-3	2-3	1500	1	3	59	49	47	1	-	5.0	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1012.7	+2	S	1	bcF	45	97	3	5	-	4	2-3	4-6	1500	1	3	64	44	36	Tr	1	7.2			
	Portland Bill ...	32	1012.4	+4	SW	4	c	59	92	8	5	-	10	10	1012.2	+2	SW	2	c	58	92	7	5	-	-	4-6	7-8	2500	1	3	64	55	*	2	*			
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1640	0	S	3	ir	57	85	7	6	2	-	4-6	10	450	1	2	61	54	50	2	2	7.7			
	The Lizard ...	240	1011.1	-2	SSW	3	bc	54	92	8	8	-	2-3	2-3	1010.6	0	S	2	c	54	92	8	8	G	-	4-6	7-8	1500	1	1	61	53	*	Tr	5.0			
	Scilly (St. Mary's) ...	163	1010.4	-4	SW'S	2	bc	53	85	8	8	-	2-3	2-3	1010.3	+4	SSW	2	bc	51	97	8	4	-	-	4-6	4-6	1500	1	2	61	51	*	1	5.7			
	Guernsey ...	175	1013.9	-4	SESE	3	bc	53	85	7	3	-	0	4-6	1012.6	-2	S	3	rr	57	97	7	8	-	-	10	10	1500	1	3	64	56	50	-	0.4	9.5		
6	Pembroke ...	142	1009.8	+2	S	4	bc	57	75	7	4	-	4-6	4-6	1010.2	+2	SSW	4	bc	56	85	8	3	G	1	2-3	4-6	2500	1	2	59	54	*	1	0.5	5.1		
7	Holyhead ...	26	1009.1	+2	SW	3	bc	53	85	8	2	-	2-3	2-3	1009.3	0	SW	4	bcF	55	85	8	3	-	-	4-6	4-6	2500	1	2	60	52	48	0.5	1	7.9		
8	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1011.3	+6	SE	3	bcF	47	97	5	-	3	-	0	2-3	-	1	2	66	46	39	Tr	Tr	5.7			
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1012.1	+6	SE	2	z	51	92	6	5	3	-	4-6	7-8	2500	1	*	64	48	44	-	-	4.4			
10	Spurn Head ...	29	1013.0	+2	SW'S	2	b	53	85	7	-	-	0	0	1013.8	+8	S	4	b	52	92	6	-	8	-	0	Tr	-	1	2	60	50	*	Tr	2.4			
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1012.7	+10	SW	2	F	45	97	1	-	-	-	10	10	1500	1	1	63	37	36	0.1	-	6.8			
	Tynemouth ...	108	1012.6	+4	SW	1	m	51	75	4	5	-	4-6	4-6	1012.2	0	SW	2	bcF	47	85	3	5	-	-	2-3	2-3	1500	1	1	64	46	42	-	-	4.3		
11	St Abbs Head ...	280	1011.7	0	SESE	3	bc	50	75	9	4	-	0	2-3	1011.5	-2	S	2	bc	50	92	5	5	G	-	2-3	4-6	2500	0	2	61	47	*	Tr	-	*		
	Leuchars ...	36	*	*	*	*	*	*	*	*	*	*	*	1011.4	+2	ESE	2	bc	50	92	7	5	3	8	2-3	4-6	4000	1	*	61	40	33	Tr	Tr	4.7			
12	Benfrew (Abbots L.) ...	19	*	*	*	*	*	*	*	*	*	*	*	1010.3	+4	ENE	2	rf	50	92	3	9	-	-	9+	9+	2500	1	*	60	47	41	2	3	3.5			
	Esksdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1010.3	+2	o	c	48	92	6	5	3	-	-	4-6	9+	1500	1	*	57	45	40	1	0.3	3.1			
	Point of Ayre ...	30	1009.2	0	SSW	5	pr	55	92	8	8	-	7-8	7-8	1009.7	+2	SSW	2	bc	52	92	8	8	-	-	2-3	2-3	1500	1	1	61	49	*	0.1	3	5.4		
13	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1007.8	+4	ESE	3	pr	63	92	7	3	7	-	7-8	9	800	1	4	57	49	46	2	0.3	4.1			
13	Stornoway ...	80	1009.3	+4	SE	4	b	54	85	8	5	-	1	1	1009.8	+2	ESE	4	c	52	85	8	5	7	-	4-6	7-8	2500	1	2	58	51	*	1	-	1.1		
15	Dalwhinnie ...	1178	*	*	*	*	*	*	*	*	*	*	*	*	0	o	c	48	85	7	6	5	-	-	7-8	9+	1500	1	*	59	40	31	1	0.2	2.2			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1012.8	+4	NW	2	bF+	40	97	1	5	-	-	1	1	800	1	1	59	37	3*	-	-	1.9			
	Wick ...	81	1010.9	+2	S	2	bc	52	92	8	5	G	-	2-3	2-3	1011.9	+4	S	2	bc	52	85	8	5	G	-	2-3	2-3	2500	1	1	58	47	*	-	-	*	
16	Lerwick ...	156	1012.5	+6	SE	4	bc	53	97	4	-	-	10	10	1013.3	+8	SSSE	1	bc	53	97	6	5	3	-	2-3	4-6	800	1	*	58	52	*	0.1	0.6	0.4		
17	Blackod Point ...	18	1006.0	-8	W	3	rr	53	97	7	G	-	10	10	1004.7	-6	SE	2	c	52	92	8	9	-	-	9	9	800	0	2	59	54	*	1	2	*		
18	Malin Head ...	84	1007.3	+9	SW</																																	