

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1939



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



# INTRODUCTION

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

## NOTES REGARDING THE BRITISH SECTION.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## THE INTERNATIONAL AND UPPER AIR SECTIONS.

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

The International Section contains 4 pp. per day and is issued daily by 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.

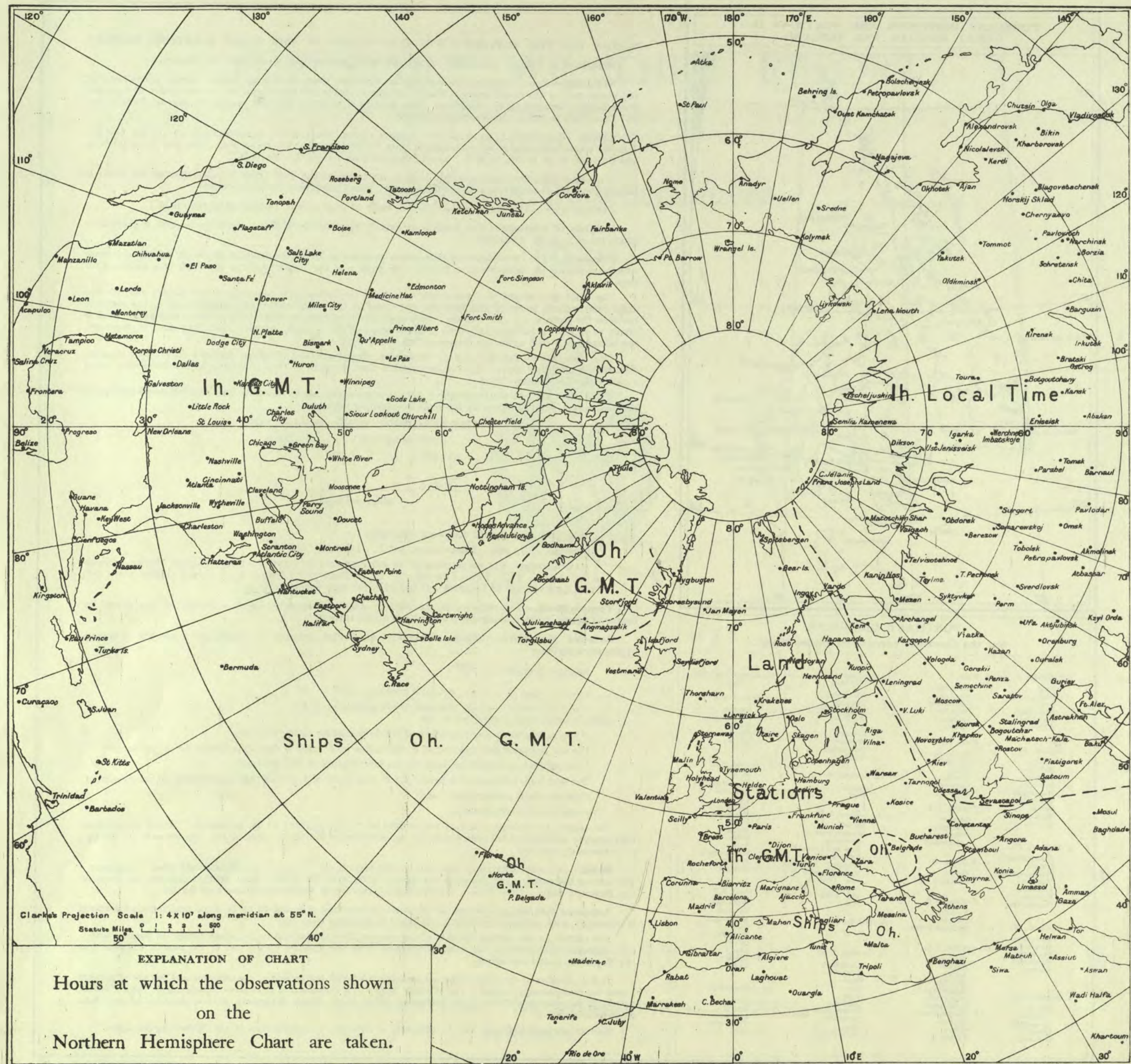
The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 against the forecast districts to which they apply :—

▲ 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 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. Orkneys 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 Melvich.)	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. Leix. Kildare. Dublin.
5. England, S.W. Dorset. Somerset. Monmouth. Devon. Cornwall.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	15. Scotland, N.E. Kincardine. Aberdeen. Banff. Elgin. Nairn. Caithness. Eastern parts of Inverness, Ross, Sutherland.	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 rain gauges are maintained, refer to two periods, day and night. The day period at Kew and Croydon is 7h. to 18h. G.M.T.; at all other stations it is 9h. to 18h. G.M.T.

*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.

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

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

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

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

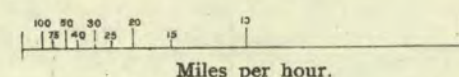
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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

**GEOSTROPHIC WIND SCALE FOR**

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

or 2 mb „ „ 1 : 10<sup>7</sup>



This scale applies under the following conditions:—

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

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

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

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

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

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

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

$t$  the dry bulb temperature; and

$t'$  the wet bulb temperature.

The entries in columns 7 and 21 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is 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. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

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

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

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



Dry. Warm, sunny periods. Cool 23rd - 30th. Some thunderstorms.

For the first few days of the month the weather of the British Isles was influenced by depressions centred off the west of Ireland, causing mild, unsettled conditions in western districts. In Southwest and Southeast England, however, after two days of warm, close weather, thunderstorms, which broke with unusual violence in the London area shortly before midnight on 2nd, were fairly widespread. Rainfall measurements were not exceptional, but several heavy falls were registered, notably Pembroke 26 mm., Mildenhall 36 mm., Boscombe Down 28 mm., Croydon 16 mm., and Kew 14 mm. Aldergrove recorded more than 43 mm. on 3rd.

Subsequently, under the influence of an anticyclone which spread to Eastern England from France, considerable bright periods, with little or no rain and maxima well above 70°F. were enjoyed in Southeast England, until the advent of a depression centred over the North Sea caused northerly winds and a marked fall in temperature on 11th. For the next few days, with high pressure situated off Western Ireland, finer weather prevailed in the West, with mainly dull, showery conditions elsewhere. An anticyclone, centred over the Shetlands on the 17th spread southward over the British Isles and reached its greatest intensity (1036 mb) about the 19th. From the 21st the anticyclone receded and became centred to the west of Scotland for several days,

and finally to south of Iceland and over the Faeroes from the 26th onwards. During this period conditions were dull generally in Scotland, but in Southeast England considerable bright intervals, with slight showers in coastal districts, were experienced.

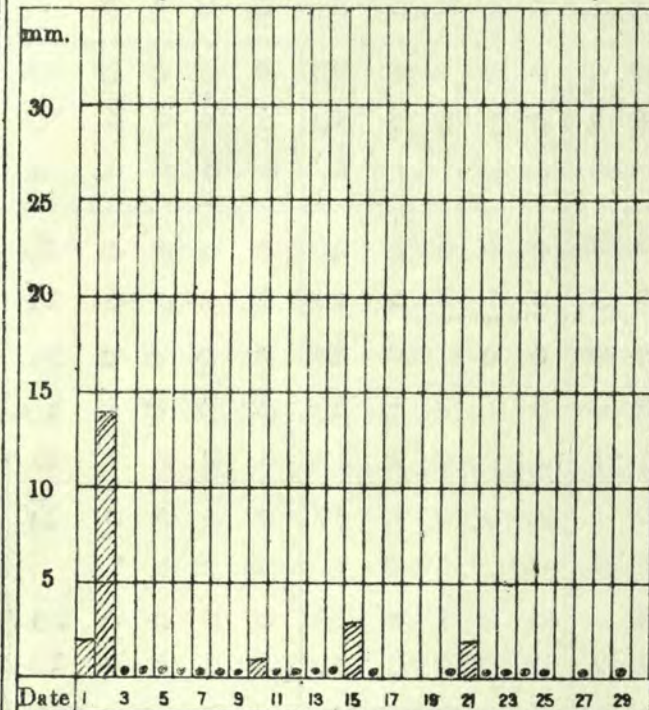
Temperature fell gradually from 23rd onwards and ground frosts were registered at several places inland from 24th to 30th.

Rainfall, with the exception of North Ireland, where Aldergrove showed an excess of 22 mm., was everywhere deficient, particularly in Southeast England, North Wales, locally in the Midlands, and in Southwest Ireland, where less than half the average was measured. Sealand recorded only 25% of average, and Ross-on-Wye reported the driest September, with one exception, since 1910.

Sunshine was below average generally except in Southeast England, locally in Western England, North Wales and in Southwest Ireland.

Gales were infrequent, and were experienced in exposed places in northern districts on 8th-9th and on 11th. Squally, northerly winds were reported on the east coasts of England from 22nd-24th, and again from 26th-28th. Considerable inland fog was experienced from 5th - 10th, and from 25th - 27th.

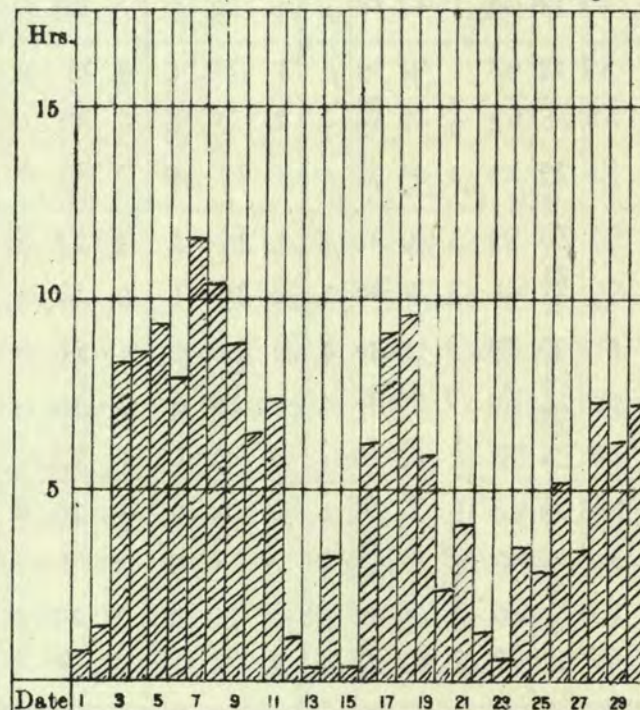
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

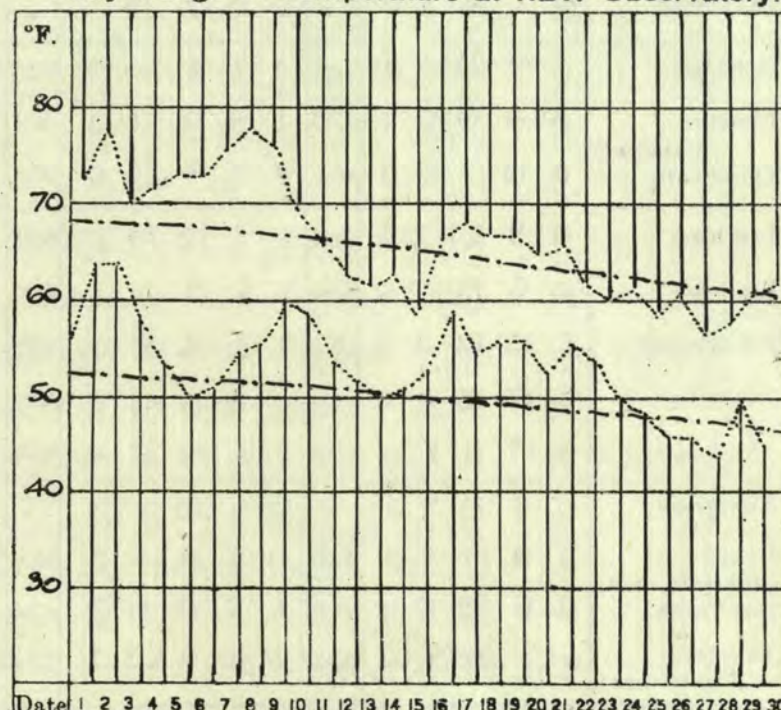
RAINFALL. Total for Month. 23 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 163 hrs.

Daily Range of Temperature at KEW Observatory.



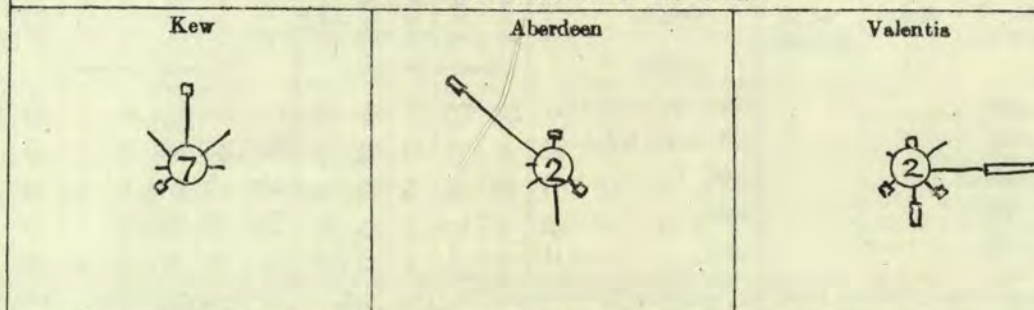
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 59.3	+1.4	°F. 1019.9	+2.5
Aberdeen	54.7	+1.5	1021.4	+6.9
Valentia	58.5	+1.9	1020.3	+4.0

\*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 18 h. daily corrected.  
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.



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

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

	miles.
Kew ...	5568
Aberdeen ...	4508
Lerwick ...	10775
Valentia ...	7400



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

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# SUNSHINE, RAINFALL, AND HUMIDITY SEPTEMBER 1939.

Page 3.

Dis. or Loc.	STATION.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.																		
		Number of Days with Duration.				Maximum Duration.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.				† Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month. †	Difference from Average.	Highest and Lowest Totals on record for Month.																										
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.						Above 9h.	Hours.	Date.	Total for past 12 months.							Difference from average.	Total for Month.	Difference from average.	First year of record.	Highest.	Year.	Lowest.			Year.	0, trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.	15.1-25 mm.	Above 25 mm.	mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month. †	Difference from Average.	First year of record.	Highest.	Year.	Lowest.	Year.
1	London ... (Kew Obsy). Croydon ...  Calshot** ... (Southampton) Lympne ...	0	9	6	10	5	11-7	7	1577	+108	163	+17	1880	224	'11	90	36	23	3	3	1	0	0	14	2	632	+26	23	-25	1856	145	'18	4	'29	1	0											
									1551	+26	160	+9	1922	205	'28	89	36									766	+87	41	-9	1921	134	'27	4	'29	2	0											
		0	5	8	12	5	11-9	7	1738	-8	191	+24	1881	243	'35	100	32	25	1	3	1	0	0	9	2	665	+19	16	-38	1871	170	'96	4	'10	1	0											
		0	6	9	8	7	11-7	7	1839	+74	189	+21	1921	244	'28	106	36	18	5	5	2	0	0	14	21	716	-8	42	-16	1920	122	'33	8	'28	1	0											
2	Shoeburyness ...  Gorleston ...  Cranwell ...	0	11	7	5	7	10-1	17	1718	+2	161	-2	1919	237	'28	108	36	20	6	4	0	0	0	4	15	518	+15	16	-26	1920	93	'30	8	'28	2	0											
		*	*	*	*	*	*	*	*	*	*	*	1908	222	'28	109	32	18	2	8	2	0	0	7	11	631	+9	37	-13	1871	163	'30	4	'98	1	0											
		0	14	8	3	5	11-2	8	1453	-85	123	-20	1921	186	'33	87	31	20	5	5	0	0	0	4	2	640	+50	17	-28	1917	126	'35	12	'28	1	0											
3	Birmingham ... (Edgbaston)	2	13	9	5	2	11-0	8	1289	-15	111	-13	1887	216	'95	67	09	21	4	4	0	1	0	15	2	804	+170	25	-21	1893	165	'18	12	'95	1	0											
4	Ross-on-Wye ...	1	12	6	6	5	10-6	28	1470	-15	141	+5	1915	205	'29	91	36	25	3	1	1	0	0	11	2	746	+29	14	-35	1859	174	'76	2	'65	1	0											
5	Falmouth ... (Observatory)	1	6	5	10	8	10-9	8	1739	+29	189	+31	1881	235	'06	99	32	26	0	3	0	0	1	27	2	1139	+32	34	-40	1871	206	'18	9	'95	0	0											
7	Holyhead ...	3	9	6	6	6	11-1	15	1645	+35	149	+6	1914	209	'33	107	16	19	3	6	2	0	0	10	2	1033	+246	31	-37	1871	188	'18	7	'94	1	0											
8	Chester ... (Sealand)	2	11	9	4	4	11-4	12	1466	+90	121	-9	1923	174	'33	80	36	22	4	4	0	0	0	4	2	789	+128	13	-39	1922	118	'35	12	'33	0	0											
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	16	7	4	3	0	0	9	2	674	+53	38	-8	1915	115	'18	22	'21	2	0											
11	Leuchars ...	2	12	8	7	1	10-4	12	1308	-172	117	-22	1922	161	'28	82	36	20	2	5	3	0	0	9	30	717	+64	43	-6	1922	126	'27	13	'29	0	0											
12	Renfrew ...  Eskdalemuir ...	4	11	8	3	4	11-2	14	1230	+47	113	-5	1921	152	'28	73	36	20	3	3	4	0	0	10	10	1143	+204	43	-23	1921	157	'35	16	'33	1	0											
		7	8	11	3	1	9-3	12	1146	-55	86	-25	1910	153	'33	75	31	18	4	2	4	2	0	19	10	1766	+337	73	-21	1910	242	'18	25	'10	0	0											
13B	Stornoway	3	13	6	4	4	11-3	19	1256	+41	113	+3	1881	175	'03	73	87	16	4	5	5	0	0	13	7	1241	-25	62	-38	1870	201	'00	12	'94	1	0											
15	Aberdeen ...	2	15	6	5	2	10-5	5	1292	-37	106	-20	1881	199	'06	57	81	14	7	5	4	0	0	13	2	752	+4	55	-1	1871	162	'27	14	'94	2	0											
18	Aldergrove ...	5	12	7	5	1	11-7	11	1317	*	101	*	1927	175	'33	96	31	20	2	4	3	0	1	43	3	1010	+172	85	+22	1926	143	'34	13	'33	1	0											
19	Dublin ... (Phoenix Park) Birr Castle ...	5	14	6	4	1	10-7	11	1352	-85	89	-41	1881	185	'35	77	16	17	5	3	3	2	0	19	2	807	+105	73	+24	1865	171	'30	3	'65	1	0											
		4	11	11	3	1	10-1	28	1298	-8	98	-21	1881	182	'35	80	08	22	2	2	3	1	0	21	7	959	+132	57	-1	1862	172	'24	8	'94	0	0											
20	Valentia ... (Cahiriveen)	2	8	9	9	2	10-9	6	1490	+122	133	+6	1880	205	'33	78	22	19	2	6	3	0	0	11	5	1363	-51	46	-59	1866	253	'75	24	'09	0	0											

MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.														
No. of Days (MDT. to MDT.) WITH MINIMA BETWEEN FIXED LIMITS.											No. of Days Each Type WAS RECORDED.														
STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.			
London (Kew)	0	0	0	1	8	16	5	0	0	0	London (Kew)	27	3	0	0	0	0	0	0	0	0	0	0	1 Dry.	
Ross-on-Wye ...	0	0	2	2	13	10	2	1	0	0	Ross-on-Wye	23	7	0	0	0	0	0	0	0	0	0	0	1 Wet.	
Falmouth (Obsy.)	1	1	5	9	14	0	0	0	0	0	Renfrew ...	23	7	0	0	0	0	0	0	0	0	0	0	2 Flooded.	
Renfrew ...	0	0	0	7	9	14	0	0	0	0	Eskdalemuir	7	23	0	0	0	0	0	0	0	0	0	0	3 Frozen hard and dry.	
Eskdalemuir ...	0	0	0	7	10	11	2	0	0	0	Aberdeen ...	16	14	0	0	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.	
Aberdeen ...	1	1	3	5	14	6	0	0	0	0	Valentia ...	14	16	0	0	0	0	0	0	0	0	0	0	5 Covered with ice or glazed frost.	
Valentia ...	0	0	2	6	13	9	0	0	0	0														6 Covered with thawing snow.	
																									7 Covered with snow, less than 6 ins., but ground not frozen.
																									8 Covered with snow, less than 6 ins., and ground frozen.
																									9 Covered with snow, greater than 6 ins. deep.

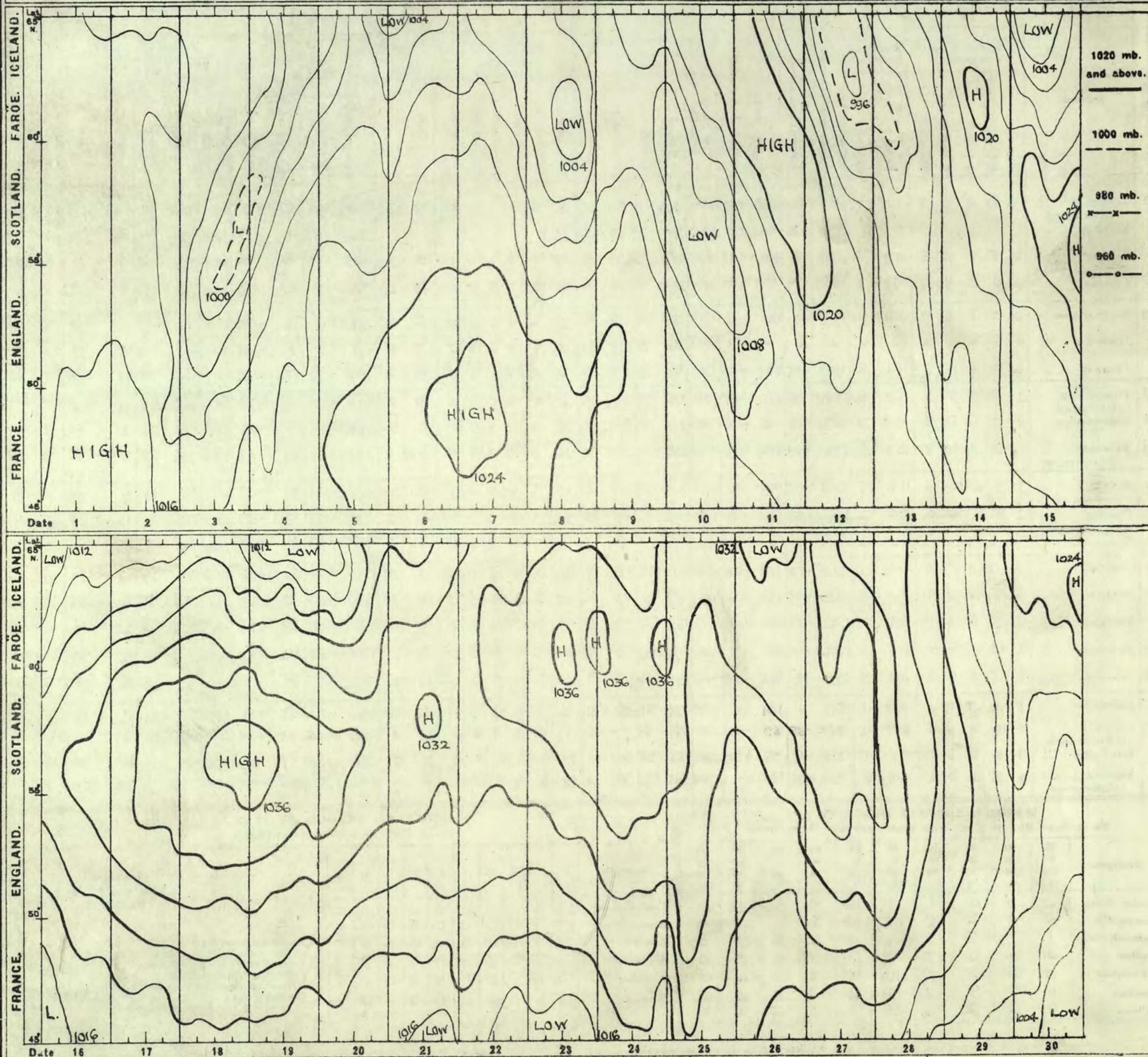
\*\* The extremes of rainfall and sunshine from Calshot are supplemented by those from Southampton.

† 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 1939.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 60° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 Friday, 1st September, 1939.  
No. 28407.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 31st August													OBSERVATIONS at 18h. G.M.T. 31st August													PAST 24 HOURS.								
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°Temp.	°Humid.	Visibility 0-10	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°Temp.	°Humid.	Visibility 0-10	Cloud.					State of Ground. 0-9	Sea. 0-9 (30)	WEATHER.						
				Direc.	Force 0-12					Form.	Amount. Low 0-10 Total 0-10	Height of Base (feet)	Form.	Amount. Low 0-10 Total 0-10			Height of Base (feet)	7h.—13h. 31st (37)					13h.—18h. 31st (38)	18h.—31st 1st (39)	1h.—7h. 1st (40)											
																										Low	Med.			High	Low	Med.	High	Low	Med.	High
1	London (Kew)...	1013.9	-4	E	2	pr	68	85	6	5	-	9+	9+	1500	1013.5	0	SW	2	c	67	85	6	5	-	2	7.8	2500	0	*	omprpm	cprcm	cmbeu	bccmow			
	Croydon ...	1014.0	-6	E	2	pr	68	85	6	5	-	9	10	1500	1013.6	+2	SSW	2	c	68	85	6	3	4	2	7.8	2500	1	*	ofcmir	cmrnm	cbcmf	bcmcw			
	S. Farnborough	1013.6	-6	ESE	2	pr	67	85	6	5	7	-	9	10	1500	1013.5	+4	SSW	3	c	67	85	6	2	-	8	Tr	3	4000	0	*	omfcm	clrbcc	cbcc	cm.id.	
	Boscombe Down	1013.5	-2	ESE	3	id	64	97	5	1	-	10	10	800	1013.3	+4	SSW	3	c	65	85	9	8	7	3	4.6	3	2500	1	*	omprfc	cbcc	cbccf	cm.cid.		
	Calshot (Soton.)	1013.6	+2	SE	3	id	64	97	6	6	2	-	7.8	10	4.50	1013.7	+2	SSW	3	bc	66	85	8	1	3	6	Tr	4.6	1500	0	*	omdirc	cmcbc	bcc	bccm.c	
	Lympe	1014.7	-2	SE	2	pr	65	97	5	5	2	-	10	10	4.50	1014.5	-2	SW	2	bc	66	92	8	5	9	9	2.3	4.6	1500	0	*	codpr	ormbc	bcFe	fecm.	
	Manston	1014.3	+6	E	1	pr	66	97	6	2	-	9	10	4.50	1014.0	0	SE	1	bc	67	85	6	8	9	9	4.6	9	800	0	*	irgpm	omcm	cw	FFbccw		
2	Shoeburyness ...	1014.5	-6	E	3	pr	68	85	7	5	7	-	7.8	10	2500	1013.8	-2	E	2	pr	67	97	6	5	3	-	10	10	800	1	*	m.ir.c	irgpm	cRRb	bccfbbm	
	Felixstowe ...	1014.7	-2	SW	3	pr	68	85	7	5	3	-	7.8	9+	4000	1013.9	-2	SE	2	pr	67	97	6	5	3	-	9	9+	800	0	1	bctlg	cirgcm	cm	cbccw	
	Gorleston	1014.9	-2	NE	2	c	67	85	6	5	-	-	7.8	7.8	2500	1013.2	-2	E	2	c	66	92	6	5	-	-	10	10	2500	0	*	c.z.	c.z.	cmirgcm	mobfz	
	Mildenhall	1013.9	-10	SE	2	c	72	78	7	7	-	1	9+	9+	4000	1013.3	-2	SE	2	c	70	75	7	8	3	4	2.3	7.8	2500	0	*	cm.cbc	c	cmirgcm	mobfz	
	Cranwell	1014.4	-6	ESE	2	z.	67	75	6	5	3	2	2.3	7.8	2500	1013.7	-2	E	1	z.	66	85	6	5	5	-	7.8	9+	2500	0	*	cmgcm	cbccz.	cmofir.	of.bccf	
3	Birmingham ...	1014.1	-4	ESE	2	c	63	75	6	5	-	-	9+	9+	800	1013.1	-8	E	2	c	63	92	4	5	-	-	9+	9+	2500	1	*	pc	corcm	cm.mbc	bccir.	
	Upper Heyford	1014.2	-4	SE	2	z.	65	85	6	5	-	-	10	10	800	1013.1	-2	SE	2	c	67	85	6	5	3	-	4.6	9+	800	0	*	omcm	c.z.cpr	cjfbmcc	fcmide	
4	Ross-on-Wye	1013.1	-4	EN	3	z.	62	97	5	5	-	-	10	10	800	1012.1	-6	S	1	c	66	92	7	8	3	-	9+	9+	1500	1	*	omcm	omcm	c	roir.	
5	Hartland Point	1010.7	-4	S	2	c	67	85	8	8	4	-	7.8	9	1500	1010.0	-2	SSW	3	c	66	85	8	8	7	-	2.3	9	1500	0	2	cp.	bc	cm	d.d.c	
	Bristol ...	1012.8	-4	SE	2	id.	64	92	6	5	-	-	10	10	800	1012.4	-2	S	3	c	66	85	8	8	7	-	4.6	9	1500	1	2	cm.c	cd.bcc	cbcc	cd.r.	
	Portland Bill	1014.2	+4	S	2	c	65	92	7	5	-	-	10	10	2500	1013.7	-8	SSW	2	c	63	92	7	5	-	-	10	10	4000	1	2	c	c	c	cpr	
	Plymouth	1012.3	+2	S	3	o	63	97	6	5	-	-	10	10	800	1012.0	-6	S	3	c	64	92	7	5	7	-	7.8	9+	4000	1	2	omddo	om.c	cd.ddm	od.dcc	
	The Lizard	1011.4	-2	S	4	c	66	92	8	8	6	-	7.8	9	2500	1010.6	-6	S	4	c	62	97	7	5	-	-	10	10	1500	1	3	c	pr	rr	drift	
	Scilly (St. Mary's)	1010.2	-4	S	4	c	66	92	8	8	8	-	4.6	9+	1500	1008.5	-12	S	5	id.	64	97	4	5	-	-	10	10	800	1	3	c	pr	oid	id.c	
	Guernsey	1013.3	0	S	3	bc	68	75	8	2	7	1	4.6	2500	1013.4	0	-	0	c	67	85	8	8	3	-	7.8	9	2500	0	1	bc	bcc	cw	corr.		
6	Pembroke	1010.9	0	SE	4	c	64	92	6	8	6	-	7.8	9+	1500	1009.6	-6	SE	4	c	63	92	7	8	6	-	7.8	9+	1500	1	2	m.c	m.c	ddm.o	ffdrbc	
7	Holyhead	1011.3	-2	SE	3	c	68	75	8	5	7	-	7.8	10	4000	1009.9	-8	SE	3	c	66	85	7	5	3	1	4.6	7.8	2500	1	1	c	m.c	m.c	cd.c	
	Chester (Sealand)	1013.1	-10	SE	3	z.	69	65	6	5	3	-	4.6	7.8	2500	1012.1	-2	SE	3	z.	64	85	5	5	-	-	10	10	1500	1	*	cm.z.	c.z.	cbccm	wcmr.w	
8	Manchester	1013.8	-4	SE	2	z.	70	65	6	1	3	-	4.6	7.8	4000	1012.8	-4	SE	2	z.	64	85	5	5	-	-	10	10	1500	1	*	cm.z.	c.z.	cbccm	wcmr.w	
10	Spurn Head	1014.2	0	E/S	1	c	61	92	6	5	2	-	4.6	7.8	800	1013.5	-4	E/S	3	of	60	97	2	5	-	-	10	10	1500	0	1	fc	cf	fo	of	
	Catterick	1014.2	-10	SE	2	c	61	92	6	5	2	-	4.6	7.8	800	1013.5	-4	E/S	3	of	60	97	2	5	-	-	10	10	1500	0	1	fc	cf	fo	of	
	Tynemouth	1015.2	-6	ESE	2	bc	65	85	6	2	-	-	2.3	2.3	1500	1013.9	-6	SE	3	bc	61	85	7	8	3	-	4.6	4.6	1500	0	1	bc	bc	bc	bc	
11	St. Abbs Head...	1014.8	-8	SE	2	bc	63	85	8	8	6	-	4.6	4.6	2500	1013.9	-6	SE	2	o	60	92	5	5	-	-	10	10	800	0	1	cbc	bcm.c	cm	Fcm.	
	Leuchars	1015.5	-6	NE	2	c/d	61	92	7	5	-	-	9+	9+	800	1013.7	-8	ENE	3	c	60	92	7	8	3	-	9+	9+	450	1	*	cirside	cbcc	bccw	cmcm.	
12	Renfrew (AbbotsL.)	1013.8	-12	E	3	c	67	65	7	8	-	2	4.6	4.6	2500	1012.1	-8	ENE	4	c	66	75	7	8	3	1	7.8	9	2500	0	*	c	bc	bcc	cm.cra	
	Eskdalemuir	1013.5	-10	SE	3	c	67	65	7	8	-	1	7.8	7.8	1500	1012.4	-6	SE	3	bc	68	75	8	5	3	-	4.6	4.6	2500	1	*	cm.bcc	cbc	bccfz	cf.cw	
	Point of Ayre	1013.0	-4	SE	4	c	63	85	6	5	-	-	9+	9+	2500	1011.1	-6	SE	3	c	63	92	6	5	-	-	10	10	2500	0	2	bcc	c	cpr	clr.	
13A	Tiree	1011.9	-4	ESE	4	bc	65	75	8	-	-	2	0	4.6	-	1009.7	-4	ESE	3	c	63	85	7	5	3	9	1	7.8	4000	0	3	cbc	bcc	c	odrr	
13B	Stornoway	1015.4	-4	SE	1	b	64	75	8	-	-	-	0	0	-	1014.3	-10	NE	3	b	60	85	8	-	-	6	0	1	-	0	1	b	b	b	cpr	
15	Dalwhinnie	1015.3	-4	S	4	c	60	75	7	5	6	-	4.6	9	2500	1013.7	-10	S	2	c	60	75	7	5	2	-	4.6	10	2500	0	*	c	c	c	c	
	Aberdeen	1016.1	-4	ESE	3	bc	63	85	7	2	3	-	4.6	4.6	2500	1015.1	-4	SE	2	c	59	97	6	5	3	-	1	9+	1500	0	1	cbcz.	bccm	cm.cw	cmcm.	
	Wick	1015.7	-6	SE	4	c	58	92	8	5	7	-	7.8	9	1500	1014.2	-4	SE	4	bc	58	97	7	5	4	-	1	2.3	1500	1	2	c	cbcc	bcc	m.c	
16	Lerwick...	1017.2	0	SW	1	c/d	55	97	7	5	2	-	7.8	9+	800	1016.8	0	SW	1	c	55	92	7	5	2	-	4.6	7.8	1500	1	*	did.	cid.	c	e	
17	Blacksod Point...	1003.9	-18	E/S	4	c	66	85	7	-	2	-	0	10	-	1002.8	-4	S	4	rr	60	97	6	6	-	-	10	10	450	2	3	irg	rr	bc	prc	
18	Malin Head	1009.3	-14	SE	5	z.	67	75	6	2	8	4	2.3	7.8	4000	1007.7	-6	SE	5	z.	64	75	6	5	-	-	9+	9+	2500	0	2	cbcz.	c.z.c	cz.cpr	ebc	
	Aldergrove	1011.2	-6	ESE	4	z.	62	85	6																											



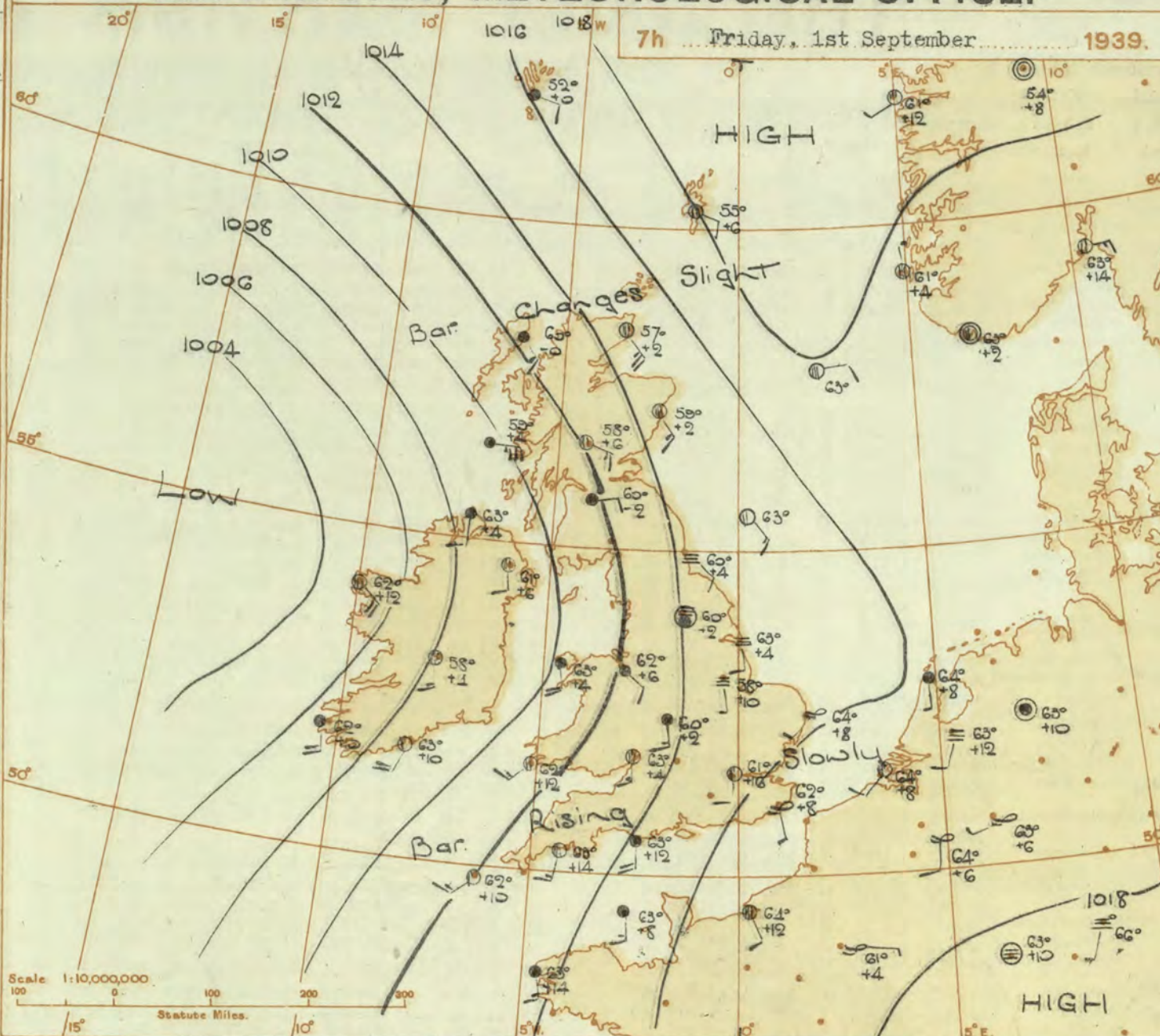
# REPORTS from HEALTH RESORTS for 31st August 1939.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE. (°F)		RAINFALL. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 3h. 31st.	Max. 3h. to 9h. 31st.	Night. 9h. to 3h. 31st.	Day. 3h. to 9h. 31st.	Sunrise to 17h. 31st.	Sunset to 30th.
1	Tunbridge W.	orc	orc	55	70	0.5	3	0.7	5.0
	Bournemouth	rc	c	58	67	2	2	0.6	5.1
	Ventnor	rc	c	63	69	-	-	3.1	6.3
	Southsea	odoc	c	60	70	-	Trace	3.7	8.5
	Bognor Regis	oc	c	59	68	Trace	-	3.9	7.5
	Littlehampton	oc	c	58	68	4	Trace	3.2	9.1
	Worthing	or	c	60	67	5	7	2.5	9.6
	Brighton	cRc	c	61	67	6	3	2.4	10.3
	Eastbourne	or	c	61	69	17	4	2.9	10.5
	Hastings	orrdm	pcbc	59	68	3	10	1.8	10.9
	Folkestone	orc	orc	59	69	-	3	1.4	8.0
	Dover	orc	orc	61	68	-	3	0.9	6.9
2	Deal	orc	orc	57	69	-	2	0.7	7.0
	Ramsgate	or	orc	62	67	-	1	0.2	7.8
	Margate	cd	c	61	70	-	Trace	0.9	8.1
	Southend	orc	orc	56	71	-	0.5	0.1	6.0
	Clacton-on-Sea	bcc	c	56	68	-	Trace	1.2	6.2
3	Dovercourt	fbcc	bcc	57	70	-	-	2.8	7.2
	Lowestoft	cbcc	bccm	56	67	-	-	2.0	10.1
	Skegness	cbcc	com	59	66	-	-	2.6	8.0
4	Mablethorpe	bc	oom	59	65	-	-	1.8	8.0
	Cleethorpe	bcc	cbccm	59	64	-	-	1.3	7.5
	Leamington S.	o	c	58	67	-	-	0.0	4.5
5	Cheltenham	oc	orc	58	69	-	1	0.5	6.9
	Bath	rc	c	60	72	2	Trace	1.1	2.6
	Weymouth	om	cb	62	68	-	-	0.8	5.3
	Jersey	cbcc	bcc	63	73	-	-	7.8	5.2
	Torquay	odpm	obcc	62	69	-	Trace	1.2	0.0
	Falmouth	rcoco	cogr	59	68	Trace	Trace	0.4	0.0
	Penzance	c	cdm	61	68	-	0.3	0.2	0.4
	St. Ives	c	c	57	68	-	0.3	1.2	1.9
	Bude	c	c	59	70	-	-	0.6	-
	Ilfracombe	c	cbcc	63	69	-	-	0.5	4.9
6	Aberystwyth	prc	cbcc	61	69	2	-	1.0	5.7
	Llandudno	c	c	59	68	-	-	0.1	9.2
	Colwyn Bay	cbcc	cbcc	56	69	-	-	1.4	8.5
7	Rhyl	rcm	cbcc	57	70	Trace	Trace	0.3	5.0
	Wallasey	cbcc	cp	57	70	-	Trace	1.5	6.8
	Southport	czcp	czcz	53	71	-	Trace	0.7	5.2
	Blackpool	cm	cm	54	72	-	-	1.1	6.4
8	Morecambe	bcc	c	59	71	-	-	2.6	4.1
	Ilkley	obc	bc	58	69	-	-	1.6	4.3
9	Harrogate	c	cbc	58	67	-	-	1.1	4.4
	Berwick-on-T.	cbc	bc	55	65	0.4	-	7.1	3.2
10	Dunbar	bcm	bcm	52	63	-	-	4.2	2.7
	Troon	cbcc	oco	53	68	-	-	4.7	6.1
11	Douglas	cprdm	cm	59	65	-	Trace	0.8	5.9

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 1st September 1939.



### FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st September, 1939.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st September, 1939.
1 S.E. England	Wind southwest to south, light; cloudy, occasional slight rain to-day, brighter periods tomorrow; close.
2 E. England	
3 E. Midlands	
4 W. Midlands	Wind southerly, light to moderate; cloudy, local light rain at first, becoming fair; rather warm and close.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Wind southeast, light; veering south later; cloudy, occasional rain or drizzle; coastal and hill fog, becoming fairer later; close.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind southeast, moderate, veering south; cloudy, occasional rain, brighter periods later; close.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Wind southeast, light to moderate; occasional light rain or drizzle; coastal fog; close.
16 Orkney and Shetland	
17 N. W. Ireland	Wind southerly, light to moderate; cloudy and brighter periods, a few local showers; rather warm and close.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

H.M.S.O. Press, Cornwall House, S.E.1. G.470/3743 W. 1109. D.4626 G. 910. 28800. 9/39

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

### GENERAL INFERENCE.

A deep depression is almost stationary on the Atlantic and a trough of low pressure is moving slowly northeast across the country. There will be occasional rain or drizzle in most northern and eastern districts to-day with fog at times on the East Coast, but fairer conditions will spread slowly from the West.

### FURTHER OUTLOOK.

Unsettled in the West, probably fair and warm in the East.

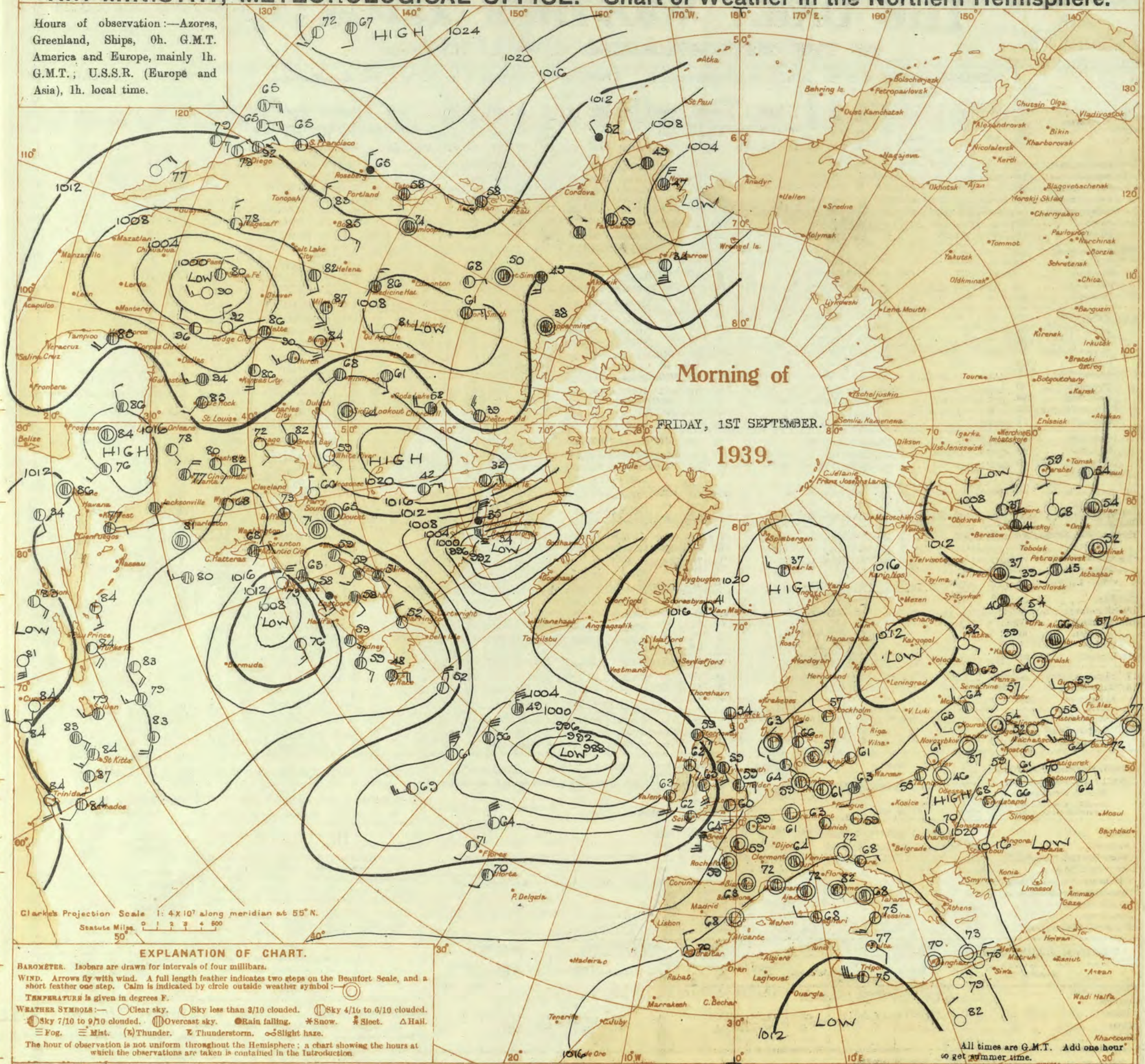
Forecasts issued at 0930 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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

Friday, 1st September, 1939

No. 28407.

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.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. miles.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. miles.	Cloud.				Sea.	TEMPERATURE.			RAINFALL.		Sun-shine 31st Hrs.					
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.		Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.								
																															Low.	Med.		High.	Low.	Med.	High.	Low.
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1016.0	+1.0	0	0	0	62	92	5	5	-	-	9+	9+	2500	0	*	70	56	50	Tr	Tr	0.5			
	Croydon ...	217	1015.2	+8	S	3	b, f	60	97	6	5	4	-	2-3	4-6	4000	1016.1	+1.6	3	2	61	92	7	-	9	2	0	3	1	*	70	58	53	Tr	Tr	0.7		
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1015.6	+6	SE	2	0	61	97	6	5	7	-	7-8	9+	4000	1	*	71	58	53	Tr	Tr	0.5			
	Boscombe Down ...	417	1014.2	-2	SE	3	m, f	60	97	4	5	-	3+	3+	1500	1014.8	+6	SE	3	d, d	62	97	5	5	7	-	10	10	800	0	1	70	58	53	1	Tr	1.2	
	Calshot (Stmntn.) ...	8	1014.4	0	SE	3	c	65	92	7	5	3	-	2-3	9	1500	1015.1	+8	SE	3	66	97	8	5	7	-	4-6	3	4000	0	1	73	63	60	1	Tr	2.8	
	Lymington ...	346	1016.1	+2	SW	2	F	60	97	1	-	-	10	10	1150	1017.0	+8	SE	1	0	62	97	3	5	-	10	10	220	0	8	69	58	53	1	Tr	1.4		
	Manston ...	154	1015.3	+4	SW	2	b	59	97	6	-	-	2	0	1	-	1016.6	+6	8	2	63	85	7	5	3	4	7-8	9	4000	0	*	69	52	52	1	Tr	1.2	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1016.5	+1.2	SSW	1	m	62	97	4	-	9	4	0	4-6	-	1	*	70	55	49	0.3	4	0.1			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1016.6	+8	WSW	2	0	62	97	5	8	5	6	4	4-6	2500	0	1	69	59	57	Tr	-	3.2			
	Gorleston ...	5	1014.6	0	-	0	c	65	92	6	5	-	10	10	2500	1015.5	+8	SW	1	64	97	5	5	3	4	2-3	7-8	2500	0	1	70	63	62	-	-	2.6		
	Mildenhall ...	19	1014.4	+4	SW	2	0	64	97	5	5	3	-	4-6	9	2500	1015.8	+10	SE	2	61	92	5	4	7	6	Tr	9+	4000	1	*	73	55	51	-	Tr	3.6	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1014.9	+10	SE	1	cf	58	97	3	8	3	1	4-6	9	2500	0	*	69	55	54	-	Tr	3.0			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1014.1	+2	SE	3	ir	60	92	5	6	-	-	10	10	450	1	*	64	58	53	3	0.3	0.1			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1015.2	+6	SE	3	2	60	97	6	5	7	-	7-8	10	450	1	*	69	57	51	7	Tr	*			
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1013.3	+4	SE	3	3	63	97	6	6	1	-	9+	10	800	1	*	67	60	57	9	3	0.3			
5	Hartland Point ...	299	1005.8	-4	SE	5	c	63	97	8	6	1	-	4-6	9	2500	1012.4	+8	SW	4	62	97	8	6	-	4	4-6	7-8	2500	1	3	69	62	60	Tr	1	0.9	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1013.7	+6	SE	2	id	63	97	7	5	2	-	7-8	10	800	1	*	70	61	56	0.3	0.4	1.5			
	Portland Bill ...	32	1013.4	-2	SW	3	c	62	85	8	5	7	-	7-8	10	4000	1015.4	+12	3	4	63	85	7	5	-	10	10	1500	1	2	65	61	*	-	1	*		
	Plymouth ...	82	1011.6	-6	S	4	d, d	63	97	5	-	2	-	10	10	450	1013.6	+14	SW	3	63	97	7	5	-	3	4-6	9+	4000	1	1	65	62	59	0.2	4	0.4	
	The Lizard ...	240	1010.6	0	SW	4	if	62	97	2	3	-	10	10	1500	1013.0	+12	SSW	2	61	97	7	8	6	-	7-8	9	1500	1	2	67	61	*	1	6	0.8		
	Scilly (St. Mary's) ...	163	1009.7	+10	SW	4	c	62	97	8	8	6	-	7-8	9+	1500	1012.0	+10	SW	3	62	97	7	5	8	3	2-3	4-6	1500	1	2	68	60	*	Tr	1	1.0	
	Guernsey ...	175	1014.5	-2	-	0	c	63	97	8	-	8	-	0	7-8	-	1014.8	+8	3	3	63	97	6	5	-	10	10	220	1	2	70	62	59	*	0.6	7.6		
6	Pembroke ...	142	1008.5	-2	SE	5	dd	62	97	5	-	10	10	800	1011.5	+12	SW	3	bc	62	97	7	5	7	1	1	4-6	800	1	2	65	61	*	-	4	0.6		
7	Holyhead ...	26	1009.6	-6	SE	4	c	65	85	7	5	-	9	9	4000	1005.6	+4	SE	4	d, d	63	92	8	5	2	-	7-8	10	450	1	1	69	63	61	-	1	0.6	
8	Chester (Sealand) ...	16	1012.1	-2	E	1	m	60	97	4	5	-	9	9	2500	1012.3	+6	SE	2	ir	62	92	5	6	2	-	9	10	1500	0	*	70	60	56	-	Tr	0.9	
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1013.1	+6	SE	3	c	64	85	7	5	7	-	7-8	10	1500	0	*	59	57	57	-	-	3.0			
10	Spurn Head ...	29	1013.5	0	ESE	3	c	59	97	5	5	2	-	4-6	10	220	1014.5	+4	SE	2	cf	63	97	3	5	1	-	4-6	7-8	220	0	1	65	59	*	-	-	0.7
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1013.9	+2	-	0	df	60	97	3	-	-	-	-	10	10	150	1	*	58	55	*	0.3	*	*		
	Tynemouth ...	108	1014.4	+2	SE	3	c	59	97	6	5	-	9+	3+	1500	1014.6	+4	SE	2	df	60	97	3	5	-	-	10	10	1500	1	1	66	58	54	-	0.2	8.5	
11	St. Abbs Head ...	280	1013.3	0	SE	4	c	58	92	5	8	2	-	7-8	10	800	1013.9	+4	SE	4	0	58	97	5	5	-	10	10	800	1	2	(63)	57	*	1	Tr	*	
	Leuchars ...	36	1014.0	0	E	2	c	60	92	7	5	-	10	10	1500	1014.0	+2	ESE	3	0	60	92	6	5	-	10	10	450	1	*	65	61	51	3	-	2.3		
12	Renfrew (Abbots I.) ...	19	1012.4	-4	E, N	3	*	61	85	6	5	-	9+	9+	4000	1012.7	-2	EN	2	re	60	97	5	5	7	4	9+	10	1500	*	*	72	*	59	*	5.4		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1014.7	0	ESE	1	c	59	92	6	5	2	-	9+	10	800	1	*	67	56	53	-	-	6.1			
	Point of Ayre ...	30	1011.1	0	SW	3	c	62	97	6	5	-	10	10	1500	1010.6	+4	SE	4	ir	61	97	6	5	-	10	10	1500	1	2	67	61	*	-	1	2.3		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1008.7	+4	SE	4	ir	59	97	5	-	2	2	10	10	450	1	3	66	59	58	-	2	4.6			
13B	Stormorway ...	80	1012.7	0	ESE	3	c	59	85	7	5	-	6	4-6	9	4000	1011.9	0	SE	3	pr	60	85	7	8	7	-	7-8	9+	2500	1	2	64	58	*	-	Tr	12.0
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1013.2	+6	ESE	3	c	58	85	7	4	6	-	7-8	9+	2500	0	*	62	55	50	-	-	3.5			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1015.3	+2	SE	3	c	59	97	6	5	-	-	3+	3+	800	0	1	63	58	56	-	-	5.3			
	Wick ...	81	1014.6	-2	SE	5	c	57	97	7	5	2	2	4-6	7																							



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 1st September														OBSERVATIONS at 18h. G.M.T. 1st 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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				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Humid. %	Visibility 0-10	Cloud.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.				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.</

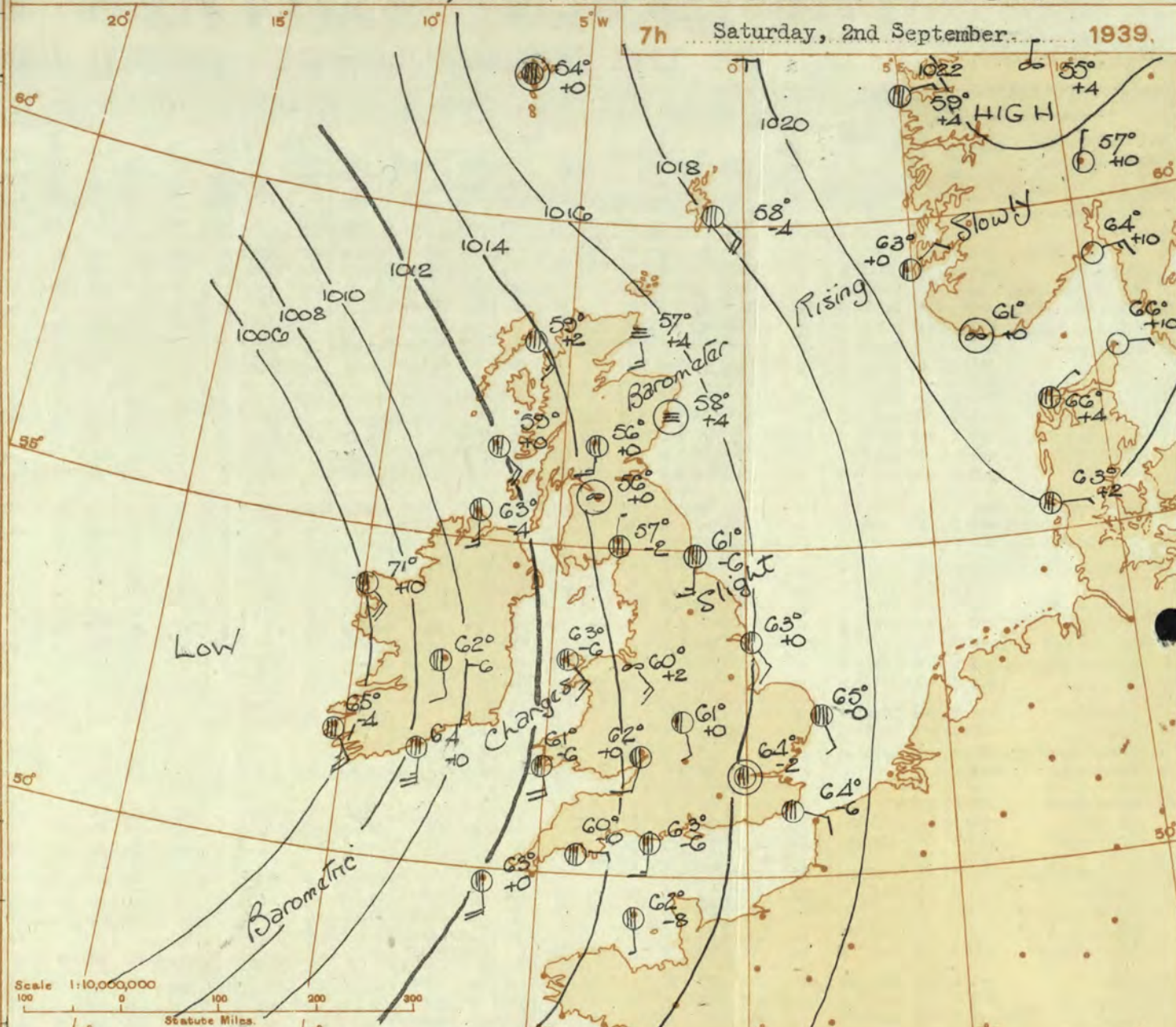


# REPORTS from HEALTH RESORTS for 1st September 1939.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE. (°F)		RAINFALL. (inches)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to 17h.	Sunset to 1st.
				9h. to 1st.	1st. to 17h.	17h. to 1st.	1st. to 17h.	1st. to 17h.	1st. to 17h.
1	Tunbridge W.	coc	co	53	74	-	-	1.5	1.0
	Bournemouth	ro	roc	62	66	-	4	0.0	0.7
	Ventnor	...	...	...	...	...	...	...	...
	Southsea	ocod	coid	63	68	Tr.	1	0.3	4.2
	Bognor Regis	bcc	ccir	63	67	-	0.5	0.3	4.4
	Littlehampton	cbe	bccr	59	68	-	0.5	0.8	3.5
	Worthing	bcc	cc	60	70	Tr.	Tr.	1.6	3.0
	Brighton	cbe	ccr	60	69	Tr.	Tr.	0.7	2.4
	Eastbourne†	co	orco	58	69	Tr.	Tr.	0.5	3.6
	Hastings†	cbe	cbccp	59	71	Tr.	Tr.	2.3	2.6
	Folkestone	c	cbcc	58	72	-	-	5.4	2.1
	Dover	bc	bc	61	70	-	-	7.9	0.3
2	Deal	bccbc	bccbc	58	70	Tr.	-	3.0	1.1
	Ramsgate	bc	bc	60	71	-	-	5.8	0.6
	Margate	cbe	bc	58	72	-	-	6.4	1.1
	Southend	bc	bcc	59	80	-	-	3.7	0.1
	Clacton-on-Sea	bcc	cbe	59	71	-	-	3.6	1.2
	Dovercourt	bc	bc	58	73	-	-	0.0	3.6
	Lowestoft	b	b	62	72	-	-	8.1	2.0
	Skegness	bco	o	61	70	-	-	2.5	2.6
	Mablethorpe	...	...	...	...	...	...	...	...
	Cleethorpes	cbcc	cbcc	59	72	Tr.	Tr.	2.5	1.3
	Leamington S.	oc	bc	58	74	3	-	2.5	0.0
	Cheltenham†	omc	cbcc	60	74	1	-	3.4	0.5
3	Bath	cbcp	bcc	62	74	0.3	Tr.	1.7	1.1
	Weymouth	dc	ccpd	63	68	1	0.5	0.5	0.8
	Jersey	cc	cbccp	65	71	4	-	0.3	8.1
	Torquay	bc	ccrpr	62	69	1	2	3.2	1.2
	Falmouth	b	c	61	71	4	-	6.2	0.4
	Penzance	cbe	bcc	60	70	6	-	6.4	0.2
	St. Ives	b	c	58	70	8	-	7.3	1.2
	Bude...	bc	bcco	58	71	0.6	-	6.0	0.8
	Ilfracombe	...	...	...	...	...	...	...	...
	Aberystwyth	prbc	bcc	62	70	1	-	8.2	1.0
	Llandudno	cbc	bcc	61	72	Tr.	-	6.1	0.3
	Colwyn Bay	bc	bcb	62	74	Tr.	-	7.3	1.4
4	Rhyl	trbc	bcc	60	72	2	-	4.1	0.3
	Wallasay	c	cbcc	61	74	2	-	3.3	1.6
	Southport	ccpc	bcbcc	59	75	2	0.1	3.4	0.7
	Blackpool	bc	cbcc	61	73	2	Tr.	3.5	1.1
	Morcambe	odr	bc	62	69	Tr.	0.5	2.6	2.6
	Ilkley	opoc	c	58	73	-	0.4	2.6	1.6
	Harrogate	ccr	cbcc	59	69	1	0.6	1.3	1.1
	Berwick-on-T.	omc	ccmo	57	62	-	0.3	0.0	3.0
	Dunbar	...	...	...	...	...	...	...	...
	Troon	ccr	cbcc	58	66	5	5	1.7	4.7
	Douglas	ccr	bc	59	64	8	1	1.8	0.8
	...	...	...	...	...	...	...	...	...

† 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, 1939.
1 S.E. England	Wind southeast light; fair today, local thunderstorms or thundery rain probable later; morning fog; warm and close.
2 E. England	
3 E. Midlands	Wind southeast light to moderate; mainly cloudy, occasional rain or drizzle of a thundery type at times; very close.
4 W. Midlands	
5 S.W. England	Wind south to southeast, mainly moderate; cloudy, occasional light rain at first, local thunderstorms or thundery rain later; local coast fog; very close.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 3 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind southeast, moderate to fresh locally on coast; fair periods, local showers at first, more general rain or drizzle and perhaps thunder later; close.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Wind southeast moderate, freshening; dull, local drizzle; coast fog; close.
16 Orkney and Shetland	
17 N.W. Ireland	Wind southeast to south, moderate or fresh; cloudy, occasional rain spreading from the South; close.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

**GENERAL INFERENCE.**

Pressure is low on the Atlantic. A secondary approaching Ireland from the Southwest and another development over West France will both move north. Occasional rain will spread to Ireland and thundery rain will occur in the Western half of Great Britain with more general thunderstorms spreading from the South Later.

**FURTHER OUTLOOK.**

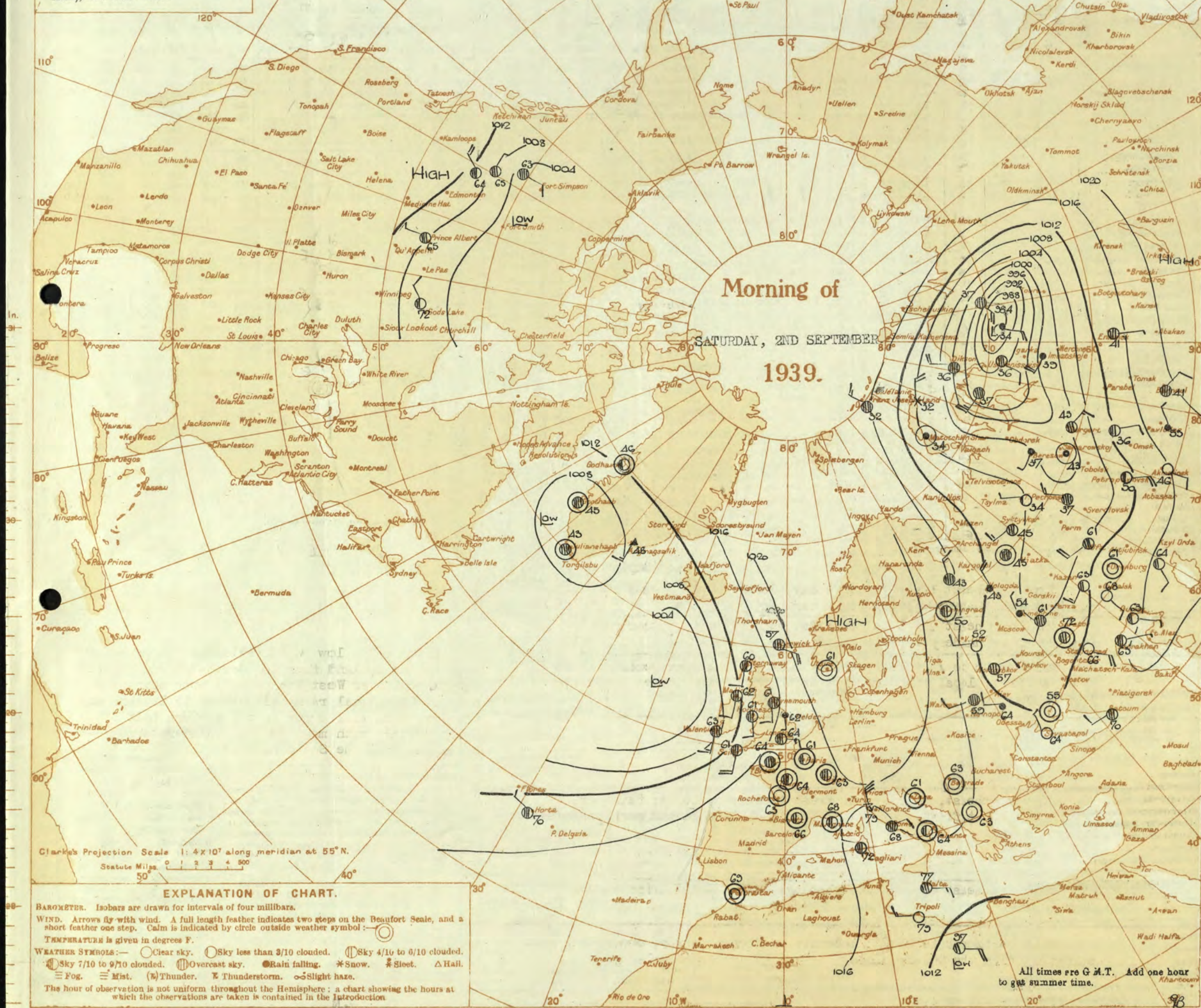
Unsettled.

Forecasts issued at 0930 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S. Director.



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

Hours of observation:—Azores, Greenland, Ships, 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

Saturday, 2nd September, 1939.

No. 28408.

OBSERVATIONS at 1 hr. G.M.T. 2nd September														OBSERVATIONS at 7 hr. G.M.T. 2nd 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.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.					RAINFALL.					SUNSHINE Hrs.
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Form.	Amount.							Height of Base (feet).	State of Ground.	Sea.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.							Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	1st Hr.							
																																					(1)	(2)	(3)	(4)	(5)	(6)	
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1016.7	-2	ES	1	65	97	6	5	3	2	2.3	9	4000	1	*	73	64	61	0.2	2	1.0									
	Croydon ...	217	1017.3	-6	SE	3	c	64	97	6	5	-	7.8	9	1500	1016.9	-2	0	64	97	7	4	3	2	2.3	9	4000	1	*	74	63	62	7	3	0.2								
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1015.9	-2	SEE	2	63	97	6	6	3	-	2.3	9	1500	1	*	71	61	60	0.3	1.9	0.5									
	Boscombe Down ...	417	1016.6	-2	S	3	id.	63	97	5	-	2	10	10	450	1015.4	-6	SES	3	63	97	5	-	2	10	10	450	1	*	68	63	62	0.6	1	0.3								
	Calshot (Stmntn.) ...	8	1016.8	-4	SE	3	z.	66	97	6	5	-	9	9	1500	1015.5	-4	ESE	3	66	97	7	5	7	-	7.8	9	1500	1	!	70	65	64	1	1	0.4							
	Lymington ...	346	1018.7	-2	SEE	2	c	62	97	7	5	-	9	9	1500	1017.3	-6	ESE	2	64	85	7	5	7	-	2.3	9	7200	0	80	61	56	0.3	5.6									
	Manston ...	154	1018.4	-4	SEE	2	ir.	63	97	6	6	-	9	9	1500	1017.2	-2	EN	2	64	85	7	8	3	2	4.6	9	4000	1	*	77	61	58	7	-	1.2							
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1017.4	-2	SEE	1	67	97	7	2	9	-	9	9	2500	1	*	75	65	61	-	0.3	3.0									
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1017.4	+2	WN	1	67	92	8	5	-	-	9	9	2500	0	1	73	65	62	-	Tr	6.2									
	Gorleston ...	5	1017.7	0	SES	2	c	66	92	6	-	3	0	10	-	1017.3	0	SEE	1	65	92	6	5	-	10	10	2500	0	1	70	64	62	-	-	8.3								
	Mildenhall ...	19	1017.5	+2	SSW	3	rr	65	97	6	-	-	9	9	450	1016.9	+2	SES	3	63	97	6	6	2	-	9	10	800	1	*	75	62	61	-	26	3.1							
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1015.7	0	SSE	1	61	97	6	5	3	-	4.6	9	800	1	*	72	60	56	1	-	2.7									
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1016.1	+2	SE	2	63	97	6	5	2	-	3	10	450	1	*	73	63	59	0.1	0.4	*									
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1015.1	0	SW	2	62	92	7	5	3	2	2.3	7.8	800	1	*	74	60	56	0.4	1	4.3									
5	Hartland Point ...	299	1014.4	-2	SW	3	c	60	97	8	4	-	7.8	7.8	4000	1012.9	-8	SEE	3	59	92	8	5	4	8	4.6	9	1500	0	2	68	57	51	-	-	7.7							
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1015.2	-6	-	0	62	97	7	5	3	-	3	9	1500	1	*	74	60	57	4	3	4.1									
	Portland Bill ...	32	1015.9	-10	SW	3	0	63	92	7	5	-	10	10	1500	1014.8	-6	S	3	63	92	7	2	7	-	4.6	7.8	4000	1	2	63	60	57	0.2	0.3	*							
	Plymouth ...	82	1015.7	0	SEE	2	id.	61	97	6	5	7	-	7.8	9	1500	1014.1	-10	E	1	60	97	8	8	7	-	7.8	9	2500	1	1	63	55	58	1	Tr	3.3						
	The Lizard ...	240	1015.0	0	S	2	of	61	97	2	8	-	10	10	800	1013.4	-10	SW	4	62	97	7	5	-	10	10	1500	0	2	68	60	*	Tr	Tr	5.8								
	Scilly (St. Mary's) ...	193	1013.4	-6	S	4	c	61	97	7	8	6	-	2.3	7.8	2500	1011.5	0	SEE	4	63	97	8	8	1	-	4.6	10	800	1	3	63	61	*	0.1	5.3							
	Guernsey ...	175	1016.3	-2	-	0	c	64	92	8	8	-	9	9	2500	1014.8	-8	SE	1	62	97	8	2	7	8	2.3	9	4000	1	2	70	62	61	6	2	1.7							
6	Pembroke ...	142	1014.2	+4	S	3	bc	62	92	7	-	4	-	0	2.3	-	1013.2	-6	SE	4	61	97	7	8	6	-	7.8	9	2500	1	2	66	60	*	-	-	7.0						
7	Holyhead ...	26	1013.8	-6	SEE	2	c	61	92	8	5	3	8	2.3	9	5700	1012.8	-6	SE	3	63	92	7	5	7	-	7.8	9	4000	1	1	68	60	58	-	-	6.0						
	Chester (Sealand) ...	16	1014.9	-2	-	0	z.	61	92	5	5	2	-	7.8	10	1500	1014.7	+2	SE	3	60	92	5	-	4	0	4.6	-	-	-	-	5.3	3.8	-	-	-							
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1014.9	+2	SE	1	63	92	6	5	7	-	7	8	1500	0	*	75	59	53	7	Tr	3.6									
10	Spurn Head ...	29	1016.7	0	SSE	1	pr	62	97	7	5	2	-	4.6	9	2500	1016.7	0	SE	2	63	97	7	5	4	-	4.6	9	2500	1	1	63	57	*	Tr	17	2.7						
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1014.7	+2	SES	2	63	97	4	5	-	-	10	10	450	1	*	73	60	60	1	0.1	1.4									
	Tynemouth ...	108	1015.5	-2	SSE	2	0	61	92	6	5	-	10	10	1500	1015.2	-6	S	3	61	97	6	5	-	10	10	1500	1	1	63	59	58	-	2	1.1								
11	St. Abbs Head ...	280	1015.2	0	WNW	2	bc	61	75	8	5	3	1	4.6	4.6	2500	1014.4	-4	SEE	2	57	97	6	5	-	10	10	800	1	1	61	56	*	0.3	0.1	*							
	Leuchars ...	36	1015.3	+2	-	0	z.	55	97	6	5	7	-	4.6	9	2500	1014.3	-2	0	56	97	4	5	7	-	7.8	9	450	1	*	65	53	45	2	-	0.0							
12	Renfrew (Abbots L.) ...	19	1014.8	+2	ES	2	z.	58	92	6	5	-	Tr	4.6	2500	1014.5	0	-	0	56	97	6	5	3	-	7.8	9	2500	1	*	63	51	46	3	-	0.9							
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1014.1	-2	N'E	1	57	92	8	5	7	-	9	10	1500	1	*	65	51	48	0.2	Tr	0.4									
	Point of Ayre ...	30	1014.4	+4	SW	3	c	60	75	8	-	8	1	0	9	-	1013.8	-2	SSW	2	61	97	7	8	3	-	1	7.8	1500	1	1	71	58	*	4	-	5.2						
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1011.0	0	SEE	4	59	97	8	5	7	-	4.6	7.8	1500	0	3	65	53	57	5	1	3.5									
13B	Stormorway ...	80	1013.1	0	SEE	2	c	60	97	5	8	-	9	9	2500	1013.0	+2	SE	3	59	97	7	5	7	-	7.8	9	2500	1	1	66	58	*	0.4	14	0.4							
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.7	+4	-	0	36	85	7	4	4	-	4.6	9	2500	0	*	67	52	46	0.1	Tr	0.4						
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1015.7	+4	-	0	36	85	7	4	4	-	4.6	9	2500	0	*	67	52	46	0.1	Tr	0.4									
	Wick ...	81	1015.0	0	SE	6	ft	58	97	3	-																																



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.  STATIONS.  (For heights see p. 4.)		OBSERVATIONS at 13h. G.M.T. 2nd September.														OBSERVATIONS at 18h. G.M.T. 2nd September.														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Cloud.														Cloud.														WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Barom. at m.b.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility	Form.					Amount.					Height of Base (feet)	State of Ground.	Sea.	7h.—13h. 2nd	13h.—18h. 2nd	18h.—2nd 1h. 3rd.	1h.—7h. 3rd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
									Low	Med.	High	Low 0-10	Total 0-10	Low 0-10	Total 0-10	Low 0-10	Total 0-10	Height of Base (feet)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	London (Kew)...	1014.5	-18	SE	1	c/pr	75	75	8	5	3	8	4.6	9+	2500	1012.4	-12	SE	2	c	72	65	8	5	7	-	7.8	9+	4000	0	*	cm, pnc	c	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, tlr	cr, t



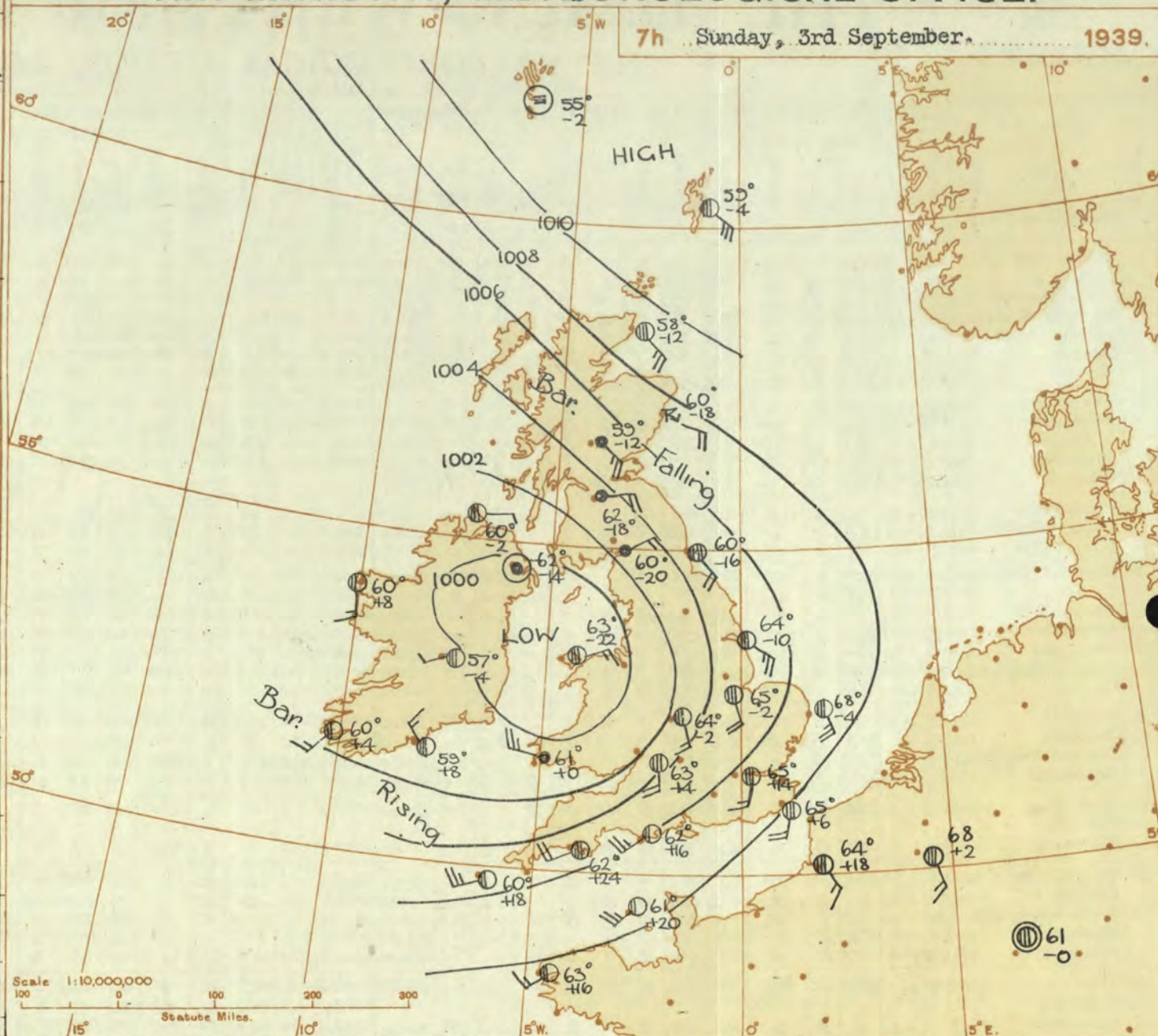
# REPORTS from HEALTH RESORTS for 2nd September 1939.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE. (°F)		RAINFALL. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. 1st.	Max. 9h. 17h. 2nd.	Night. 17h. 1st.	Day. 9h. 17h. 2nd.	Sunrise to 17h. 2nd.	Sunrise to Sunset. 1st.
				9h. 2nd.	2nd.	9h. 2nd.	2nd.	2nd.	1st.
1	Tunbridge W.								
	Bournemouth								
	Ventnor								
	Southsea								
	Bognor Regis								
	Littlehampton								
	Worthing								
	Brighton	bcc	c	63	71	4	-	3.6	0.5
	Eastbourne								
	Hastings								
	Folkestone								
	Dover	cbcc	co	63	74	Trace	-	1.4	8.1
2	Deal								
	Ramsgate	bc	bcc	63	73	-	-	3.6	6.5
	Margate								
	Southend								
	Clacton-on-Sea								
3	Dovercourt								
	Lowestoft	bccpr	cprbc	63	70	Trace	Trace	1.4	8.2
	Skegness								
	Mablethorpe								
4	Cleethorpe								
	Leamington S.	opc	cor	60	72	1	3	0.5	3.4
5	Cheltenham								
	Bath	c	cr	63	66	0.4	4	0.6	0.5
	Weymouth								
	Jersey								
	Torquay								
	Falmouth								
	Penzance	ccrr	nrc	61	65	-	5	0.0	6.4
	St. Ives								
	Bude	o	r	58	68	-	6	0.0	6.0
	Ilfracombe								
6	Aberystwyth	cbcc	cpr	59	70	-	0.3	2.1	8.2
	Llandudno	bc	c	58	71	-	-	5.0	6.3
	Colwyn Bay								
	Rhyl								
8	Wallasey	mbcc	cprc	61	71	0.3	Trace	3.9	3.9
	Southport	bczo	o	58	75	0.2	-	4.0	3.4
	Blackpool								
	Morecambe								
9	Ilkley	cbc	ro	60	75	-	4	2.7	2.6
	Harrogate								
10	Berwick-on-T.	cmm	bcc	56	66	5	-	4.6	0.0
	Dunbar								
12	Troon	bcc	coc	58	69	-	-	4.2	1.9
	Douglas								

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday, 3rd September, 1939.



### DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd September, 1939.

1 S.E. England	South to southwest wind, moderate or fresh; showers; bright intervals; local thunder; rather warm.
2 E. England	
3 E. Midlands	
4 W. Midlands	South west wind, moderate or fresh; showers; bright periods; local thunder; rather warm.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Southeast to south wind, moderate or fresh; cloudy or dull; occasional rain; bright periods and showers later; local thunder; rather warm.
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.	Southeast to east wind, light to moderate; cloudy or dull; intermittent rain; local thunder; average temperature;
14 Mid Scotland	
15 N.E. Scotland	Southeasterly wind, fresh or strong; cloudy or dull; intermittent rain; local thunder; coastal fog patches; average temperature.
16 Orkney and Shetland	
17 N.W. Ireland	Southeasterly wind, strong to gale; cloudy or dull; occasional rain; fog patches; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	Light variable wind, becoming southwest, moderate; cloudy or dull; occasional rain improving later; average temperature.
20 S.W. Ireland	West to southwest wind, moderate; showers; fair periods average temperature.

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

### GENERAL INFERENCE.

A secondary depression over the Irish Sea is moving north. There will be further rain in Scotland, but elsewhere there will be showers and bright intervals. Thunder will occur locally especially in the North. There will be strong winds or gales in the extreme North.

### FURTHER OUTLOOK.

Continuing unsettled.

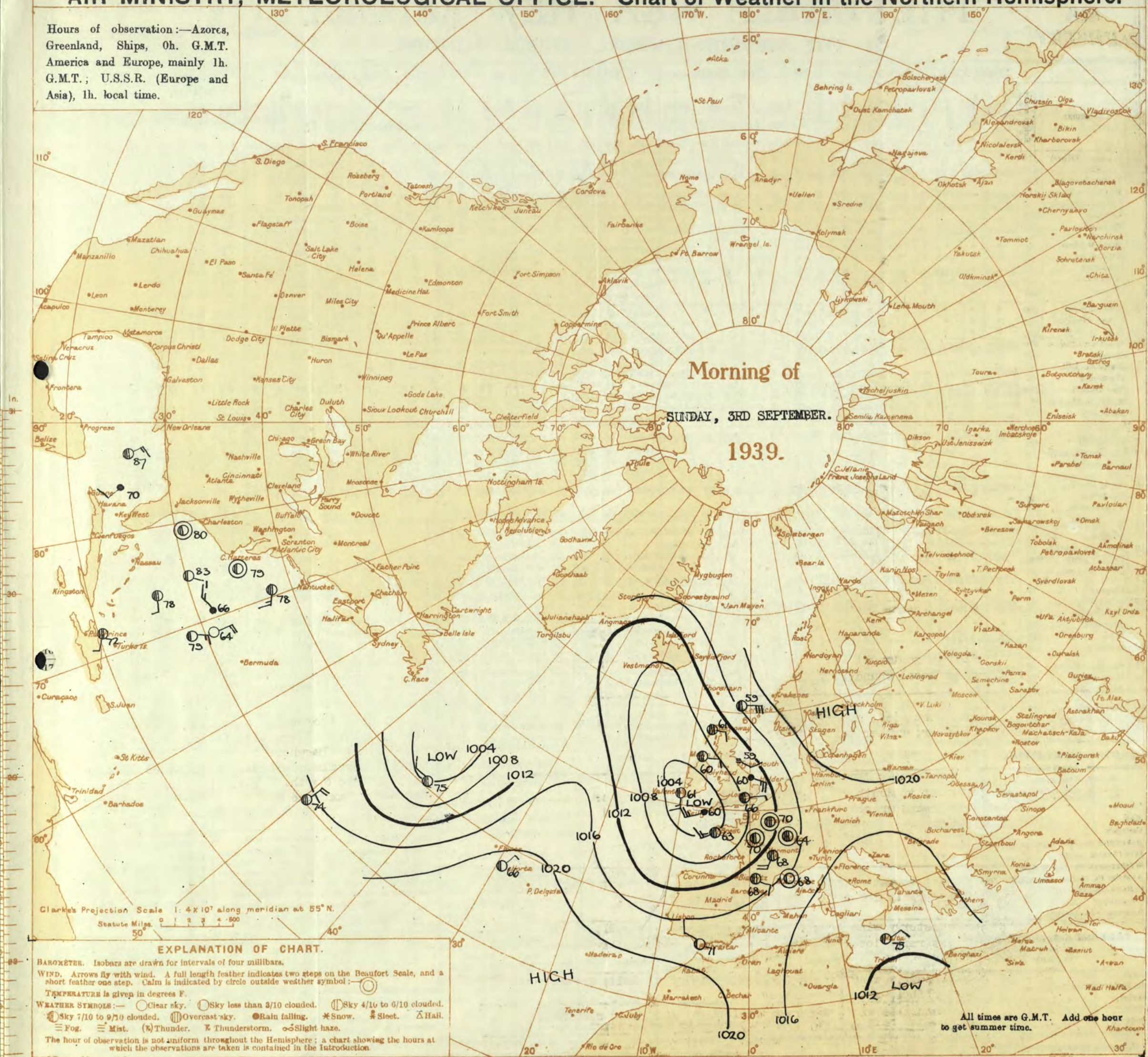
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

Forecasts issued 0930 G.M.T.



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

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





AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 3rd September, 1939.  
No. 28409.

OBSERVATIONS at 1 hr. G.M.T....3rd...September														OBSERVATIONS at 7 hr. G.M.T....3rd...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.		SUNSHINE 2nd Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-18h °F.			Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.				
																																			(1)		(2)	(3)
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1008.3	+6	SW	4	c	65	85	8	5	-	-	5+	5+	2500	1	*	78	64	61	0.1	14	1.6			
	Croydon ...	217	1008.7	-22	E S	1	o/r	66	92	6	4	3	-	4.6	7.8	2500	1008.9	+14	S W	3	c/pr	65	92	7	9	-	-	5+	10	1500	1	*	77	63	60	-	16	2.7
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1007.8	+12	S	3	c	64	85	6	5	-	-	5+	5+	1500	1	*	77	63	61	-	7	1.7			
	Boscombe Down ...	417	1006.6	-10	SE S	3	r/o	65	97	6	-	2	-	10	10	800	1007.2	+16	SW S	5	c/r	62	85	8	6	-	-	5	5	800	1	*	71	62	60	5	23	0.2
	Calshot (Stmntn.) ...	8	1007.0	-12	ESE	3	z	67	92	6	5	2	-	4.6	9	2500	1007.9	+10	SW S	5	c	64	85	8	5	-	-	5+	5+	1500	1	*	70	64	63	0.2	9	0.5
	Lympe ...	346	*	*	*	*	*	*	*	*	*	*	*	1010.3	+6	SSW	4	c	65	92	7	5	-	-	7	8	7.8	5	4000	0	*	72	65	*	Tr	Tr	0.5	
	Manston ...	154	1010.1	-20	SE E	4	z	69	85	6	9	-	7	2.3	10	1500	1009.2	+2	SSW	4	c	68	85	6	8	-	-	4.6	5	4000	0	*	75	65	*	Tr	Tr	3.1
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1009.0	+10	S E	4	c	68	92	7	5	-	-	7.8	5+	800	1	*	72	67	63	Tr	0.1	2.2			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1008.9	+2	S E	5	c	68	92	7	5	-	-	7.8	7.8	1500	0	4	72	68	65	Tr	Tr	1.2			
	Gorleston ...	5	1011.5	-20	ESE	5	pr	66	92	6	-	-	10	10	1500	1008.5	-4	SE S	5	c	68	85	6	5	-	-	2.3	5	2500	0	3	68	66	65	Tr	Tr	1.8	
	Mildenhall ...	19	1009.9	-22	SE	3	tr	66	92	7	-	2	-	0	10	-	1007.6	+2	S W	3	c	67	92	7	8	-	-	4.6	7.8	4000	1	*	75	64	59	10	2.6	2.4
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1006.4	-2	SE	4	z	65	97	6	5	-	-	4.6	7.8	2500	1	*	63	61	*	Tr	Tr	0.2			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1004.7	-2	SE	3	c	64	85	8	6	-	-	7.8	5+	800	1	*	71	60	57	0.2	15	0.1			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1006.6	+4	S E	4	c	63	85	8	5	-	-	7.8	5+	800	1	*	73	63	61	3	11	*			
4	Roos-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1004.1	+4	S	4	c	63	85	8	6	-	-	10	10	2500	1	*	71	61	60	3	8	0.3			
5	Hartland Point ...	299	1001.9	-24	SE	4	c	64	97	8	8	-	7.8	7.8	2500	1004.1	+10	SW	5	c/pr	60	97	7	9	-	-	4.6	5+	800	1	3	68	59	58	6	1	0.0	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1004.8	+8	SW	5	bc	64	85	8	5	-	-	2.3	4.6	1500	1	*	71	63	59	3	9	0.7			
	Portland Bill ...	32	1005.6	-10	SW	4	c	62	92	7	5	-	10	10	2500	1008.8	+16	SW	5	bc	62	85	8	5	-	-	4.6	4.6	4000	1	4	65	60	*	11	4	*	
	Plymouth ...	82	1003.4	-16	S	4	dd	63	97	5	5	-	10	10	800	1006.5	+26	WSW	4	c	62	92	6	8	-	-	7.8	7.8	2500	1	3	67	61	59	5	2	0.1	
	The Lizard ...	240	1002.9	-18	SW	5	r/hr	63	92	7	8	-	7.8	9	1500	1007.2	+24	WSW	4	c	62	92	8	8	-	-	7.8	7.8	2500	1	3	67	59	*	7	5	0.0	
	Scilly (St. Mary's) ...	163	1001.8	-18	W	5	rr	60	97	7	9	-	4.6	7.8	800	1006.2	+18	WSW	5	bc	60	97	8	2	-	-	2.3	2.3	1500	1	3	64	58	*	13	5	0.0	
	Guernsey ...	175	1007.0	+2	S	4	bc	63	92	8	-	3	-	0	4.6	-	1009.9	+20	SW	5	bc	61	85	8	-	-	0	2.3	-	1	4	68	60	58	5	14	0.5	
6	Pembroke ...	142	1003.0	-18	SE	4	c	63	97	7	8	-	7.8	10	1500	1002.6	0	WN	5	rr	61	97	7	8	-	-	7.8	5+	800	1	3	64	57	*	4	22	0.0	
7	Holyhead ...	26	*	*	*	*	*	*	*	*	*	*	*	999.5	-22	EN	3	c/pr	63	92	8	9	-	-	5	5+	2500	1	1	68	61	59	Tr	10	2.0			
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1001.8	-14	ESE	3	z	66	92	6	8	-	-	7.8	7.8	1500	1	*	71	62	61	Tr	4	3.9			
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1003.3	-6	SE	4	c	67	85	7	7	-	-	4.6	7.8	4000	1	*	72	61	61	-	16	2.6			
10	Spurr Head ...	29	1009.4	-8	SE	5	r/o	60	92	7	8	-	4.6	9	1500	1006.1	-10	SE	5	c	64	92	7	8	-	-	4.6	7.8	1500	0	3	67	60	*	1	1	2.6	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1006.5	-16	SE	4	c/r	60	97	5	6	-	-	10	10	800	1	2	64	58	57	2	7	1.8			
	Tynemouth ...	108	1011.2	-14	SE	2	o/r	59	97	3	-	2	-	10	10	1500	1006.5	-16	SE	4	c/r	60	97	5	6	-	-	10	10	800	1	2	64	58	57	2	7	1.8
11	St. Abbs Head ...	280	1010.9	-12	SE	3	F	58	97	1	-	-	10	10	1500	1007.0	-24	SE	4	ir	59	97	2	-	-	-	10	10	1500	1	*	63	57	*	-	4	*	
	Leuchars ...	36	1011.0	-10	ESE	4	z	60	97	5	6	-	10	10	220	1005.2	-18	E	4	rr	62	92	5	6	-	-	7.8	10	800	1	*	73	61	60	-	7	*	
12	Renfrew (Abbots L.) ...	19	1009.1	-10	E	3	R	63	92	5	*	*	10	10	800	1004.4	-20	ENE	3	ir	60	92	7	6	-	-	7.8	10	800	1	*	69	59	57	-	11	2.8	
	Eskdalemuir ...	794	1009.1	-10	E	3	R	63	92	5	*	*	10	10	800	1001.9	-10	E S	2	c	63	97	8	5	-	-	9	10	1500	1	2	70	62	*	-	5	4.7	
	Point of Ayre ...	30	1006.7	-20	SE	5	id	63	97	7	8	-	10	10	1500	1001.9	-10	E S	2	c	63	97	8	5	-	-	9	10	1500	1	2	70	62	*	-	5	4.7	
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1003.3	-10	ESE	3	c	61	97	7	5	-	-	7.8	7.8	1500	1	2	*	*	*	-	5	*			
13B	Stormoway ...	80	1010.7	-8	ESE	1	c	61	85	7	5	-	7.8	9+	2500	1006.9	-12	SE	5	RR	59	92	7	6	-	-	4.6	10	2500	1	*	68	56	56	-	6	3.4	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1009.4	-18	SE E	4	tr	60	97	4	6	-	-	5+	10	450	1	1	61	58	57	10	3	0.0			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1010.2	-12	SE	5	c/r	58	97	5	5	-	-	5	10	800	1	3	61	57	*	2	3	*			
	Wick ...	81	1012.4	-12	SE	4	m	58	97	4	5	-	9	10	800	1010.2	-12	SE	5	c/r	58	97	5	5	-	-	5	10	800	1	3	61	57	*	2	3	*	
16	Lerwick ...	156	1017.3	-6	SE	6	c	59	97	6	5	-	7.8	9+	800	1015.5	-4	SE E	6	c	59	92	6	5	-	-	7.8	9+	450	0	*	60	58	*	Tr	-	0.0	
17	Blacksod Point ...	18	1001.6	-12	S	4	c	60	92	8	9	-	7.8	7.8	450	1002.1	+8	S	3	bc	60	97	7	2	-	-	4.6	450	1	2	69	59	*	20	2	*		
18	Malin Head ...	84	1005.1	-10	E	2	c	60	92	6	9	-	7.8	9+	1500	1002.5	-2	E	1	if	60	92	7	8	-	-	5	5	1500	0	1	70	57	*	Tr	0.4	4.5	
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	1001.9	-14	-	0	ir																				



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 Monday, 4th September, 1939.  
No. 28410.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 3rd September														OBSERVATIONS at 18h. G.M.T. 3rd September														PAST 24 HOURS.									
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.									
				Dir.	Force					Low	Med.	High	Low 0-10	Amount Total 0-10			Height of Base (feet)	Low					Med.	High	Low 0-10	Amount Total 0-10	Height of Base (feet)			7h.—13h. 3rd...	13h.—18h. 3rd...	18h.—4th 1st...	4th—7h. 4th...						
(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)...	1010.8	+10	SSW	4	c	68	75	8	8	-	-	7.8	7.8	2500	1011.4	+6	SSW	3	b	66	75	8	1	4	-	1	1	4000	0	*	cbpr	beb	bw	bcwm				
	Croydon ...	1010.5	+2	SSW	4	c	70	75	8	2	-	-	7.8	7.8	4000	1011.4	+2	SSW	3	b	66	75	8	1	4	-	1	1	4000	0	*	bc	beb	bw	bc				
	S. Farnborough	1010.1	+14	SSW	4	bc	60	65	8	8	5	-	4.6	4.6	4000	1011.1	+6	SSW	3	bc	64	75	8	1	8	-	7	7	2500	1	*	cbpr	beb	bw	bcwm				
	Boscombe Down	1010.5	+10	SSW	4	bc	71	75	8	8	-	-	4.6	4.6	2500	1011.6	+2	SSW	4	bc	66	85	8	8	-	4.6	4.6	2500	0	2	cbpr	beb	bw	bcwm					
	Calshot (Soton.)	1012.2	+6	SSW	4	bc	71	65	9	1	3	3	2.3	4.6	1500	1013.4	+6	SSW	3	b	66	75	8	1	-	3	7	1	2500	0	*	cbpr	beb	bw	bcwm				
	Lymington	1011.3	+8	SSW	5	c	75	55	8	1	4	5	4.6	7.8	4000	1012.6	+6	SSW	4	bc	67	65	8	1	6	-	1	2.3	4000	0	*	cbpr	beb	bw	bcwm				
2	Shoeburyness ...	1011.0	+4	SSW	4	bc	75	65	8	1	-	-	2.3	2.3	2500	1011.5	+8	SSW	4	bc	68	75	8	-	-	4	0	2.3	-	0	*	cbpr	beb	bw	bcwm				
	Felixstowe ...	1010.6	+8	SSW	5	bc	77	55	8	3	3	1	2.3	2500	1010.6	+10	SSW	1	bc	74	55	7	-	3	-	0	4.6	-	0	2	*	cbpr	beb	bw	bcwm				
	Gorleston ...	1009.2	+8	SSW	5	c	73	65	8	8	6	-	4.6	7.8	4000	1009.2	+10	SSW	2	bc	67	75	8	8	4	-	4.6	4.6	2500	0	*	cbpr	beb	bw	bcwm				
	Mildenhall ...	1007.7	+10	SSW	5	c/p	70	65	8	8	3	-	7.8	9	2500	1007.7	+10	SSW	2	bc	67	75	8	8	4	-	4.6	4.6	2500	0	*	cbpr	beb	bw	bcwm				
3	Birmingham ...	1007.5	+14	S	4	c	56	32	8	8	7	-	7.8	7.8	1500	1007.5	+6	S	3	bc	68	65	8	5	6	-	2.3	4.6	2500	1	*	cbpr	beb	bw	bcwm				
	Upper Heyford	1007.7	+14	S	4	c	65	35	7	9	3	-	7.8	9	800	1007.7	+10	SSW	2	bcpr	65	55	8	8	4	-	2.3	2.3	2500	1	*	cbpr	beb	bw	bcwm				
4	Ross-on-Wye ...	1008.2	+14	S	4	bc/pr	70	65	8	8	-	-	4.6	4.6	4000	1008.3	+8	SSW	2	bc	66	75	8	8	3	-	2.3	2.3	4000	1	*	cbpr	beb	bw	bcwm				
5	Hartland Point	1008.1	+14	S	4	bc	62	37	8	2	-	-	2.3	2.3	1500	1008.5	+8	S	4	bc	63	37	8	3	4	3	2.3	4.6	1500	0	3	cbpr	beb	bw	bcwm				
	Bristol ...	1009.2	+14	SSW	4	bc	67	75	8	7	-	-	4.6	4.6	1500	1009.3	+4	SSW	3	bcpr	65	85	8	8	6	1	4.6	4.6	1500	1	3	cbpr	beb	bw	bcwm				
	Portland Bill ...	1010.5	+18	SSW	5	bc	62	85	8	2	-	-	4.6	4.6	4000	1011.8	+4	SSW	4	c	62	85	8	2	-	-	7.8	7.8	4000	1	3	cbpr	beb	bw	bcwm				
	Plymouth ...	1010.1	+14	SSW	4	bc	66	85	8	3	4	-	2.3	2.3	1500	1010.7	+4	SSW	4	bc	63	97	6	2	4	-	4.6	4.6	1500	0	3	cbpr	beb	bw	bcwm				
	The Lizard ...	1010.0	+14	S	4	c	66	85	8	6	-	-	7.8	7.8	2500	1011.1	+6	SSW	4	bc	64	85	8	8	6	-	4.6	4.6	2500	0	2	cbpr	beb	bw	bcwm				
	Scilly (St. Mary's)	1012.5	+8	SSW	5	b	67	75	8	1	-	-	7.8	7.8	2500	1012.7	+2	S	3	bc	64	85	8	4	3	-	2.3	4.6	2500	1	4	cbpr	beb	bw	bcwm				
6	Pembroke ...	1007.4	+16	S	4	bc	65	32	7	8	6	-	4.6	4.6	2500	1008.8	+4	SSW	4	bc	63	85	7	3	7	-	2.3	2.3	1500	1	3	cbpr	beb	bw	bcwm				
7	Holyhead ...	1003.3	+34	SSW	5	bc	61	32	7	9	2	-	9	9	450	1003.9	+8	SSW	4	b	62	85	8	3	-	-	1	1	4000	1	3	cbpr	beb	bw	bcwm				
	Chester (Sealand)	1005.2	+32	SSW	5	bc	71	75	8	8	3	-	4.6	4.6	2500	1007.7	+14	S	2	bc	63	65	7	8	6	-	2.3	4.6	4000	0	*	cbpr	beb	bw	bcwm				
8	Manchester ...	1005.0	+18	SSW	5	c	71	55	8	8	3	-	7.8	7.8	4000	1007.7	+14	SSW	3	bc	67	75	8	8	-	-	4.6	4.6	2500	1	*	cbpr	beb	bw	bcwm				
10	Spurn Head ...	1006.4	0	S	5	cq	73	65	8	2	3	-	4.6	7.8	4000	1006.4	0	S	5	cq	73	65	8	2	3	-	4.6	7.8	4000	1	*	cbpr	beb	bw	bcwm				
	Catterick ...	1004.4	-6	SE	4	c	62	32	6	2	-	-	7.8	7.8	1500	1005.0	+18	S	4	bc	67	65	7	2	-	-	4.6	4.6	1500	1	1	cbpr	beb	bw	bcwm				
	Tynemouth ...	1004.4	-6	SE	4	c	62	32	6	2	-	-	7.8	7.8	1500	1005.0	+18	S	4	bc	67	65	7	2	-	-	4.6	4.6	1500	1	1	cbpr	beb	bw	bcwm				
11	St. Abbs Head...	1003.1	-12	SSW	4	m	58	37	4	5	-	-	10	10	800	1003.2	+10	SSW	4	c	63	75	8	8	6	-	4.6	7.8	2500	0	3	cbpr	beb	bw	bcwm				
	Leuchars ...	1003.3	-18	ESE	4	c	62	32	5	5	2	-	7.8	10	220	1001.8	+4	SSW	4	c	65	75	8	8	3	-	4.6	7.8	1500	1	*	cbpr	beb	bw	bcwm				
12	Renfrew (Abbotsl.)	1000.6	-26	NEE	3	z	70	85	8	8	-	-	5	5	1500	1000.7	+10	SSW	3	pr	64	85	6	3	7	-	3	3	1500	1	*	cbpr	beb	bw	bcwm				
	Eskdalemuir ...	1000.3	-12	SSW	5	c	70	65	8	8	-	-	7.8	7.8	2500	1003.1	+18	SSW	6	bc	59	92	7	5	-	1	3	3	450	1	*	cbpr	beb	bw	bcwm				
	Point of Ayre ...	1000.1	0	SSW	5	c	64	32	7	8	6	9	7.8	9	1500	1005.1	+28	SSW	4	bc	62	32	7	8	4	4	2.3	2.3	1500	1	2	cbpr	beb	bw	bcwm				
13A	Tiree ...	1001.0	-4	0	C/r	63	32	8	5	2	-	4.6	9	1500	1003.7	-6	SSW	2	ir	59	37	6	-	2	-	10	10	800	1	2	cbpr	beb	bw	bcwm					
13B	Stornoway ...	1001.8	-18	E	4	c	63	32	6	5	4	1	2.3	7.8	4000	1001.8	-18	E	4	c	63	32	6	5	4	1	2.3	7.8	4000	1	2	cbpr	beb	bw	bcwm				
15	Dalwhinnie ...	1003.7	-12	SE	4	bc	61	32	6	5	3	-	2.3	2.3	800	1004.0	-20	SE	6	m	60	37	4	5	2	-	3	10	800	1	4	cbpr	beb	bw	bcwm				
	Aberdeen ...	1007.4	-16	ESE	5	c	59	37	5	5	2	-	7.8	10	800	1004.0	-20	SE	6	m	60	37	4	5	2	-	3	10	800	1	4	cbpr	beb	bw	bcwm				
	Wick ...	1007.4	-16	ESE	5	c	59	37	5	5	2	-	7.8	10	800	1004.0	-20	SE	6	m	60	37	4	5	2	-	3	10	800	1	4	cbpr	beb	bw	bcwm				
16	Lerwick...	1004.5	+12	S	4	bc	62	85	8	3	-	3	2.3	4.6	450	1004.5	+12	S	4	bc	62	85	8	3	-	3	2.3	4.6	450	0	3	cbpr	beb	bw	bcwm				
17	Blacksod Point...	1002.4	+6	S	4	c/r	60	32	6	3	2	-	4.6	10	1500	1002.4	+6	S	4	c/r	60	32	6	3	2	-	4.6	10	1500	0	2	cbpr	beb	bw	bcwm				
18	Malin Head ...	1003.7	+18	S	2	c/r	60	37	8	5	7	-	4.6	10	800	1003.7	+18	S	2	c/r	60	37	8	5	7	-	4.6	10	800	1	*	cbpr	beb	bw	bcwm				
	Aldergrove ...	1006.4	0	SSW	4	tlr	59	37	6	6	2	-	3	10	800	1006.4	0	SSW	4	tlr	59	37	6	6	2	-	3	10	800	1	*	cbpr	beb	bw	bcwm				
19	Birr Castle ...	1002.9	+4	S	2	c	66	75	8	8	7	-	7.8	9	1500	1005.2	+14	S	3	c/pr	65	75	8	8	8	-	4.6	7.8</											



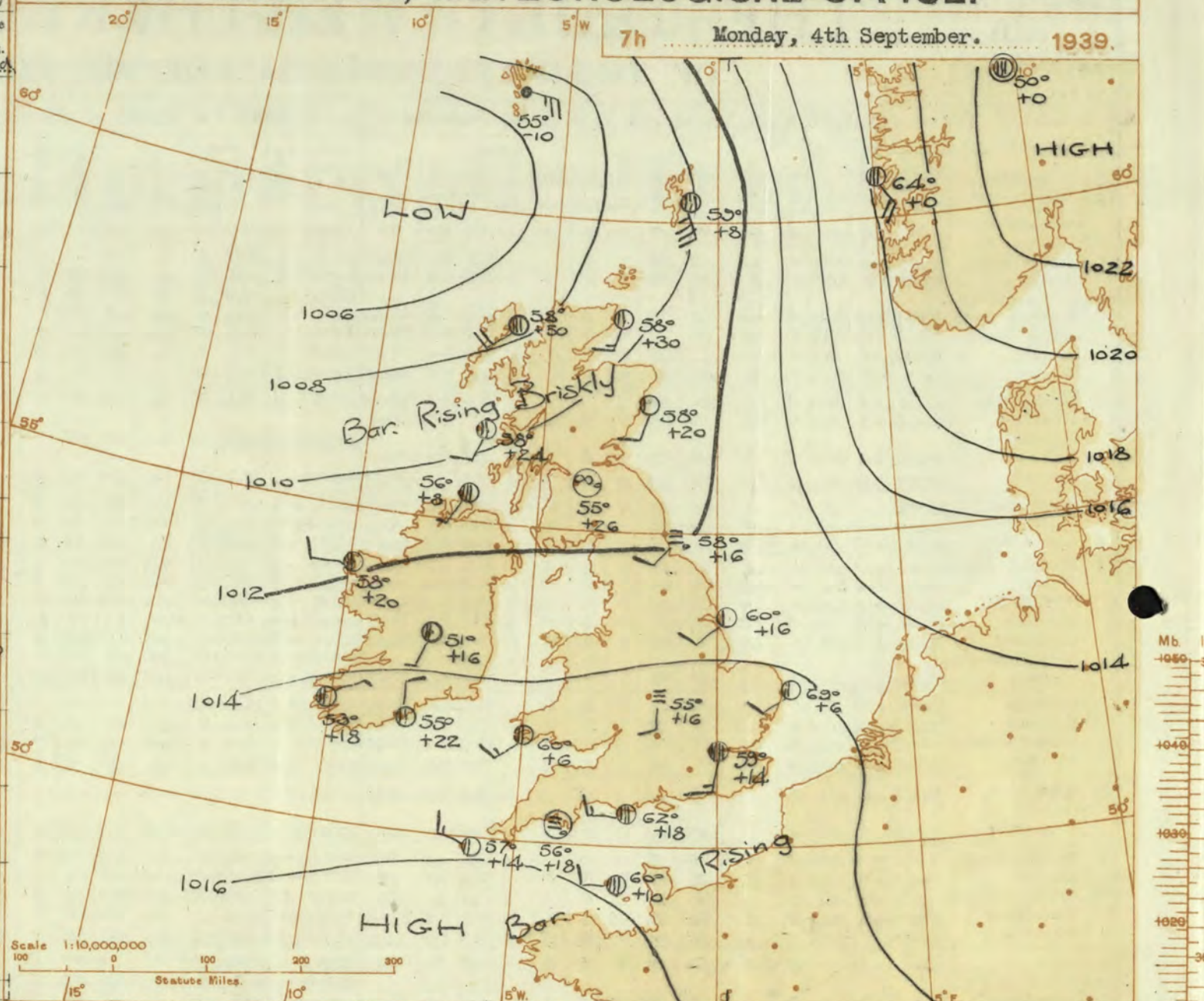
# REPORTS from HEALTH RESORTS for 3rd September 1939

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE, (°F)		RAINFALL, (mm.)	SUNSHINE, (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 5h.	Max. 5h. to 9h.	Night. 9h. to 5h.	Day. 9h. to 5h.	Sunrise to 17h.
1	Tunbridge W.							
	Bournemouth							
	Ventnor ...							
	Southsea ...							
	Bognor Regis							
	Littlehampton							
	Worthing ...							
	Brighton ...							
	Eastbourne†	cbcb	b	65	65	0.5	—	7.3
	Hastings†							3.6
	Folkestone ...							
	Dover ...							
2	Deal ...	geb	b	65	74	7	—	8.0
	Ramsgate ...							1.7
	Margate ...	dedcv	bc	67	76	—	—	7.5
								3.6
	Southend ...							
	Clacton-on-Sea							
	Dovercourt ...							
	Lowestoft ...	cbcb	b	65	74	—	—	6.7
	Skegness ...							1.4
	Mablethorpe...							
	Cleethorpes ...							
	Leamington S.							
3	Cheltenham†							
	Bath ...							
	Weymouth ...	bc	b	61	68	3	—	10.5
	Jersey ...							0.6
	Torquay ...							
	Falmouth ...							
	Penzance ...	cbc	bc	53	60	5	—	8.8
	St. Ives ...							0.0
	Bude... ..	bc	bc	60	63	1	—	8.3
	Ilfracombe ...							0.3
	Aberystwyth	cprbc	bpr	60	63	4	2	6.0
	Llandudno ...	cbcr	ncbc	64	65	5	3	6.4
4	Colwyn Bay...	bebc	cbc	63	73	4	0.3	5.8
	Rhyl ...							*
	Wallasay ...	bc	bc	62	71	5	—	6.5
	Southport ...							3.3
	Blackpool ...							
	Morecambe ...							
	Ilkley... ..							
	Harrogate ...							
	Berwick-on-T.	cmrm	bc	57	63	4	—	4.3
	Dunbar ...							4.6
	Troon... ..	ocorb	optor	62	73	7	1	2.3
	Douglas ...	cirm	bcir	60	64	4	4	1.2
								*

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 4th September. 1939.



### DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th September, 1939.

1 S.E. England	Wind light westerly; fair apart from a few local showers. Fog in many places in early morning; rather warm by day.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Wind south, fresh or strong; some showers; average temperature.
17 N.W. Ireland	Wind light westerly, variable to-day, freshening from south to-morrow; fair to-day apart from local showers; some rain tomorrow; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

#### GENERAL INFERENCE.

A depression south of the Faeroes is moving away northwards and there are indications of a disturbance far out on the Atlantic. Apart from a few scattered showers to-day will be fine, but more disturbed conditions are probable in the West to-morrow.

#### FURTHER OUTLOOK.

Unsettled conditions spreading from the west.

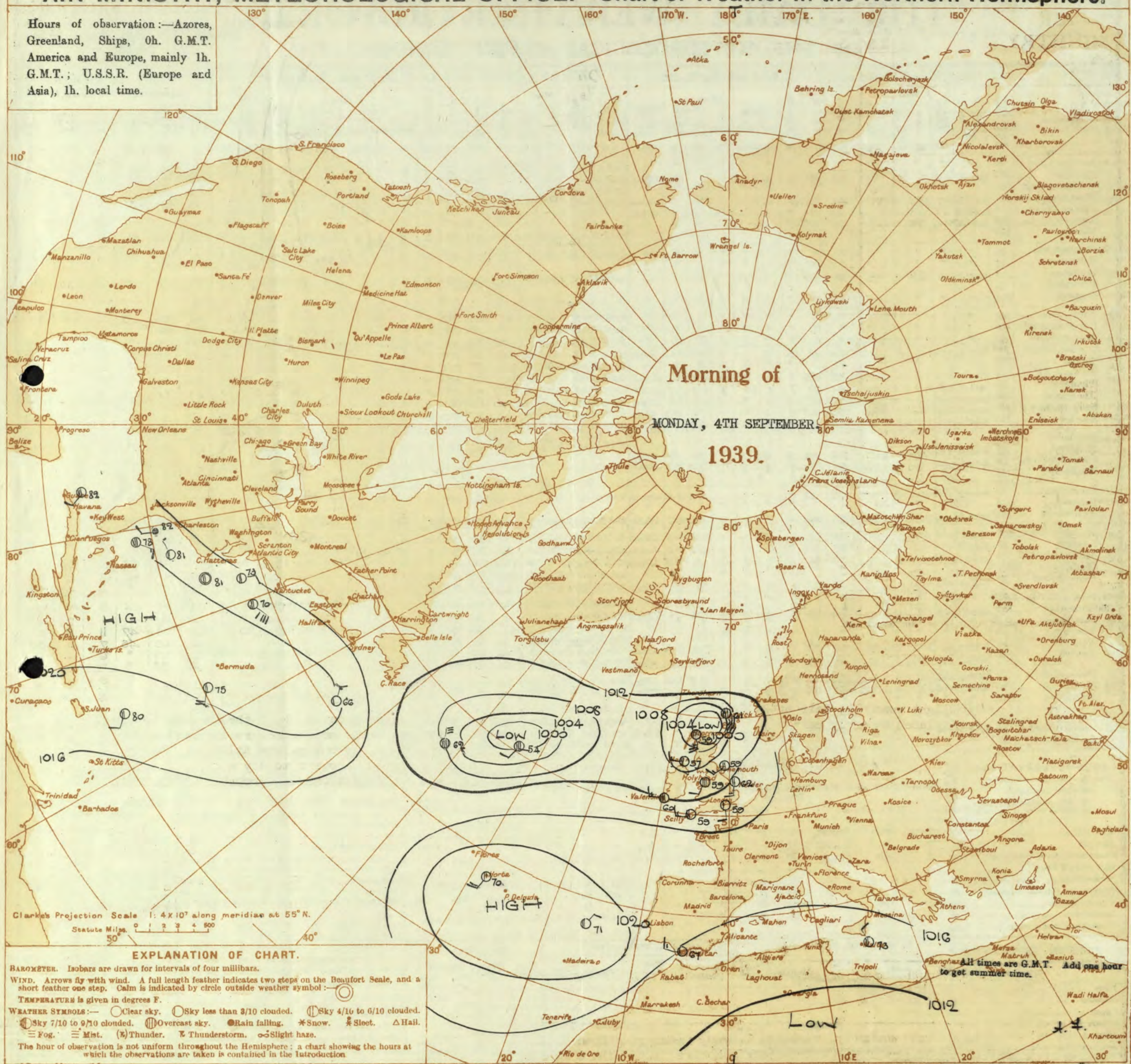
Forecasts issued at 0930 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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, 4th September, 1939.  
No. 28410.

OBSERVATIONS at 1 hr. G.M.T. 4th September														OBSERVATIONS at 7 hr. G.M.T. 4th September														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.				State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE 3 Hrs.					
					Direc.	Force.					Form.	Amount.	Direc.	Force.			Form.	Amount.					Height of Base (feet)	Form.	Amount.	Height of Base (feet)			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.		Night 18h-7h mm.				
																																			Low	Med.	High	Low
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1014.8	+10	SSW	2	Z	61	85	6	5	-	-	3+	3+	2500	1	*	76	58	48	Tr	-	8.3			
	Croydon ...	217	1013.4	+6	3	2	bc	53	37	8	5	-	1	1	2.5	1500	1015.2	+14	SSW	3	c	59	37	6	5	-	-	3+	3+	1000	1	*	72	57	58	Tr	-	3.0
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1015.2	+12	SSW	1	bc	59	32	8	1	-	-	6	4-6	4-6	1500	1	*	72	56	58	Tr	-	3.0		
	Boscombe Down ...	417	1015.3	+3	SSW	2	b	56	37	6	4	-	-	Tr	Tr	4000	1015.0	+12	-	0	53	37	1	-	-	2	0	1	-	*	63	51	47	Tr	-	3.0		
	Calshot (Stmntn.) ...	8	1013.6	+6	WS	1	b	60	37	7	2	-	-	1	1	2500																						
	Lympe ...	346	1014.5	+2	WS	3	b	57	37	7	-	-	-	0	0	-																						
	Manston ...	154												1014.5	+6	SSW	3	c	59	32	6	8	3	2	2-3	2.8	2500	1	*	76	54	43	-	Tr	3.1			
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1015.0	+18	WS	2	c	61	37	6	5	-	-	3+	3+	1500	0	*	75	55	51	-	-	8.4			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*																									
	Gorleston ...	5	1012.4	+4	SSW	2	b	61	85	7	-	4	-	0	1	-	1013.3	+6	SSW	2	bc	63	85	6	5	-	-	2-3	2-3	2500	0	*	75	57	55	-	-	6.0
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*																									
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*																									
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1015.7	+16	S	2	bf	55	37	3	-	-	1	0	1	-	1	*	70	54	45	1	-	8.1			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1014.7	+12	SSW	2	Z	57	37	6	5	-	-	3+	3+	450	1	*	71	56	47	2	-	8.2			
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1014.3	+10	SSW	1	Z	56	37	5	5	-	-	3	Tr	1	4000	1	*	71	53	47	1	-	8.2		
5	Hartland Point ...	299	1012.0	+10	W	4	bc	60	37	8	8	-	-	4-6	4-6	1500	1014.3	+16	W	3	bc	60	37	8	3	4	1	4-6	4-6	1500	1	*	65	53	57	Tr	Tr	8.5
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1014.6	+16	SSW	2	c	57	32	8	2	6	2	1	7.8	2600	1	2	63	60	*	-	-	7.3			
	Portland Bill ...	32	1014.1	+14	W	4	bc	62	85	8	1	-	-	4-6	4-6	4000	1015.0	+18	W	3	c	62	85	8	5	7	-	4-6	7.8	4000	1	2	63	60	*	-	-	11.3
	Plymouth ...	82	1013.1	+6	WS	1	bc	61	77	7	3	-	3	1.3	4-6	1500	1015.4	+18	-	0	56	37	4	-	3	0	2.3	-	1	67	58	43	*	-	11.3			
	The Lizard ...	240	1013.7	+6	W	3	bc	59	37	8	3	-	-	2-3	2-3	2500	1015.3	+10	WN	3	bc	60	32	8	8	4	-	4-6	4-6	2500	0	2	68	58	*	0.5	-	11.3
	Scilly (St. Mary's) ...	163	1013.1	+12	W	3	bc	59	37	8	3	-	-	2-3	2-3	1500	1015.4	+14	WN	3	bc	57	32	8	8	4	-	2-3	4-6	2500	1	2	67	57	*	-	-	11.3
	Guernsey ...	175	1014.6	+6	SSW	2	c	61	37	7	8	1	-	7.8	3+	1500	1015.7	+10	W	2	c	60	37	7	8	3	1	7.8	7.8	800	1	4	68	59	55	-	1	12.0
6	Pembroke ...	142	*	*	*	*	*	*	*	*	*	*	*	1014.0	+6	SSW	3	bc	60	32	8	2	6	-	2-3	4-6	2500	1	1	65	57	*	2	-	7.1			
7	Holyhead ...	26	1003.2	+14	SSW	2	c	59	32	8	8	-	-	3+	3+	2500																						
	Chester (Sealand) ...	16	1010.6	-10	SE	2	c	56	32	6	1	4	-	2-3	2-3	4000																						
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*																									
10	Spurn Head ...	29	1010.7	+4	SSW	3	bc	62	32	7	4	-	-	4-6	4-6	4000	1013.2	+16	SSW	2	b	60	32	6	-	4	-	0	Tr	-	1	75	59	*	Tr	7.4		
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*																									
	Tynemouth ...	108	1009.3	+6	SSW	3	bc	59	85	6	2	-	-	4-6	4-6	2500	1011.9	+16	SSW	2	m	58	85	4	5	-	-	4-6	4-6	800	1	1	71	55	48	1	-	7.2
11	St. Abbs Head ...	280	1008.3	+16	SSW	2	bc	57	32	8	7	-	-	2-3	2-3	2500	1011.3	+23	SSW	4	c	59	85	8	8	4	-	4-6	7.8	2500	0	2	66	56	*	5	-	7.2
	Leuchars ...	36	1007.7	+20	SSW	2	bc	57	37	3	4	-	-	2-3	2-3	4000	1011.3	+24	S	1	bc	56	37	6	5	3	-	2-3	4-6	2500	1	*	65	54	49	8	-	1.2
12	Renfrew (Abbots L.) ...	19	1008.3	+24	WS	1	Z	58	32	6	5	4	3	1	2.8	2500	1011.5	+26	-	0	55	37	5	5	-	-	7.8	7.8	2500	1	*	71	53	47	6	0.3	1.1	
	Eekdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1011.4	+18	SSW	2	c/pr	57	37	6	5	3	-	3	3+	1500	1	*	71	57	56	13	6	3.2			
	Point of Ayre ...	30	1009.8	+12	WN	1	c	59	37	6	6	-	-	3+	3+	2500	1012.6	+18	WN	2	bc	57	37	8	8	6	-	2-3	4-6	1500	1	1	68	51	*	3	0.2	2.4
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1009.8	+24	SSW	2	bc	58	32	8	8	-	-	4-6	4-6	1500	1	2	63	57	54	5	41	0.0			
13B	Stormoray ...	80	1009.5	+8	S	5	c	59	32	6	5	7	-	7.8	3+	2500	1006.8	+50	SSW	4	c	55	85	8	5	7	-	7.8	3+	4000	1	2	65	58	*	3	1.7	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1011.4	+28	SSW	2	c	55	32	7	4	6	-	7.8	3+	2500	0	2	65	52	47	11	8	1.1			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1011.4	+20	SSW	2	b	58	85	6	-	3	-	0	1	-	1	1	62	55	48	7	-	0.1			
	Wick ...	81	1002.2	0	SSE	5	bc	58	85	7	5	-	-	2-3	2-3	1500	1008.3	+30	SSW	3	bc	58	85	7	5	4	-	2-3	4-6	1500	1	2	60	56	*	-	-	0.1
16	Lerwick ...	156	1008.2	-12	SE	7	c	61	32	6	5	-	-	7.8	10	450	1009.1	+8	SE	7	c	59	85	7	5	7	-	4-6	7.8	800	0	2	62	59	*	-	-	0.1</



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 5th September, 1939.

No. 28411.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. September 4 <sup>th</sup>														OBSERVATIONS at 18h. G.M.T. September 4 <sup>th</sup>														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. (6)	Humid. (7)	Visibility (8)	Cloud. (9) (10) (11) (12) (13) (14)				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. (20)	Humid. (21)	Visibility (22)	Cloud. (23) (24) (25) (26) (27) (28)				State of Ground. (29)	Sea. (30)	WEATHER. (31) (32) (33) (34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Dir. (3)	Force (4)					Low (9)	Med. (10)	High (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base (feet) (14)					Low (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 4 <sup>th</sup> (31)	13h.—18h. 4 <sup>th</sup> (32)	18h.—4 <sup>th</sup> 5 <sup>th</sup> (33)	4h.—7h. 5 <sup>th</sup> (34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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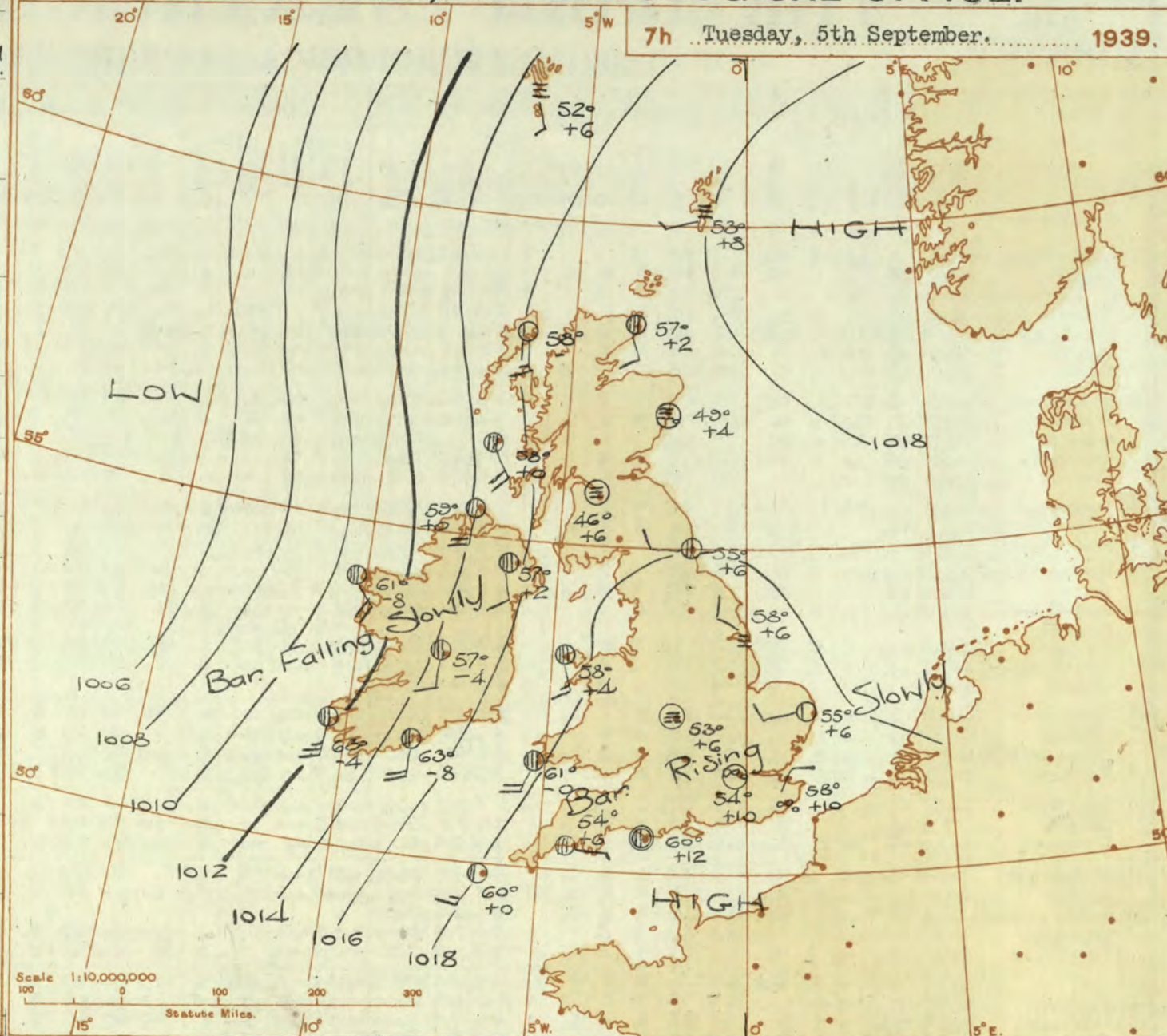
REPORTS from HEALTH RESORTS for 4th September 1939.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE. (°F)		RAINFALL. (mm.)		SUNSHINE. (Hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 4h.	Max. 4h. to 9h.	Night. 9h. to 4h.	Day. 4h. to 9h.	Sunrise to 17h.	Sunset to 3h.
1	Tunbridge W. Bournemouth Ventnor ... Southsea ... Bognor Regis Littlehampton Worthing ... Brighton ... Eastbourne† ... Hastings† ... Folkestone ... Dover ... Deal ... Ramsgate ... Margate ...								
2	Southend ... Clacton-on-Sea Dovercourt ... Lowestoft ... Skegness ... Mablethorpe ... Cleethorpes ...								
3	Leamington S.								
4	Cheltenham†								
5	Bath ... Weymouth ... Jersey ... Torquay ... Falmouth ... Penzance ... St. Ives ... Bude ... Ilfracombe ...								
6	Aberystwyth	prbc	bc	59	66	6	-	2.7	6.3
7	Llandudno ... Colwyn Bay ... Rhyl ...								
8	Wallasey ... Southport ... Blackpool ... Morecambe ...								
9	Ilkley ... Harrogate ...								
10	Berwick-on-T.	cbe	bccc	54	64	-	0.5	4.6	5.0
11	Dunbar ...								
12	Troon ... Douglas ...	b	b	58	67	1	-	10.5	1.4

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 5th September. 1939.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th September, 1939.

1 S.E. England	Wind south, light or moderate; fair or fine apart from morning fog and a few local showers in the afternoon; rather warm by day.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south, moderate; fair to-day, perhaps rain later to-morrow; rather warm.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 3.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 4 - 8
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Wind light, southerly; fair but coastal mist or fog; rather warm.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	Wind fresh southerly; cloudy; occasional rain; average temperature.
19 S.E. Ireland	
20 S.W. Ireland	

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

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 covers the British Isles and a trough of low pressure off the west of Ireland is slowly advancing eastwards. Winds will freshen from the south and fog will disperse during the morning giving a fair day apart from local showers. Rain starting in Ireland will slowly spread eastwards, but will only reach the extreme west of Britain by midnight.

### FURTHER OUTLOOK.

Unsettled.

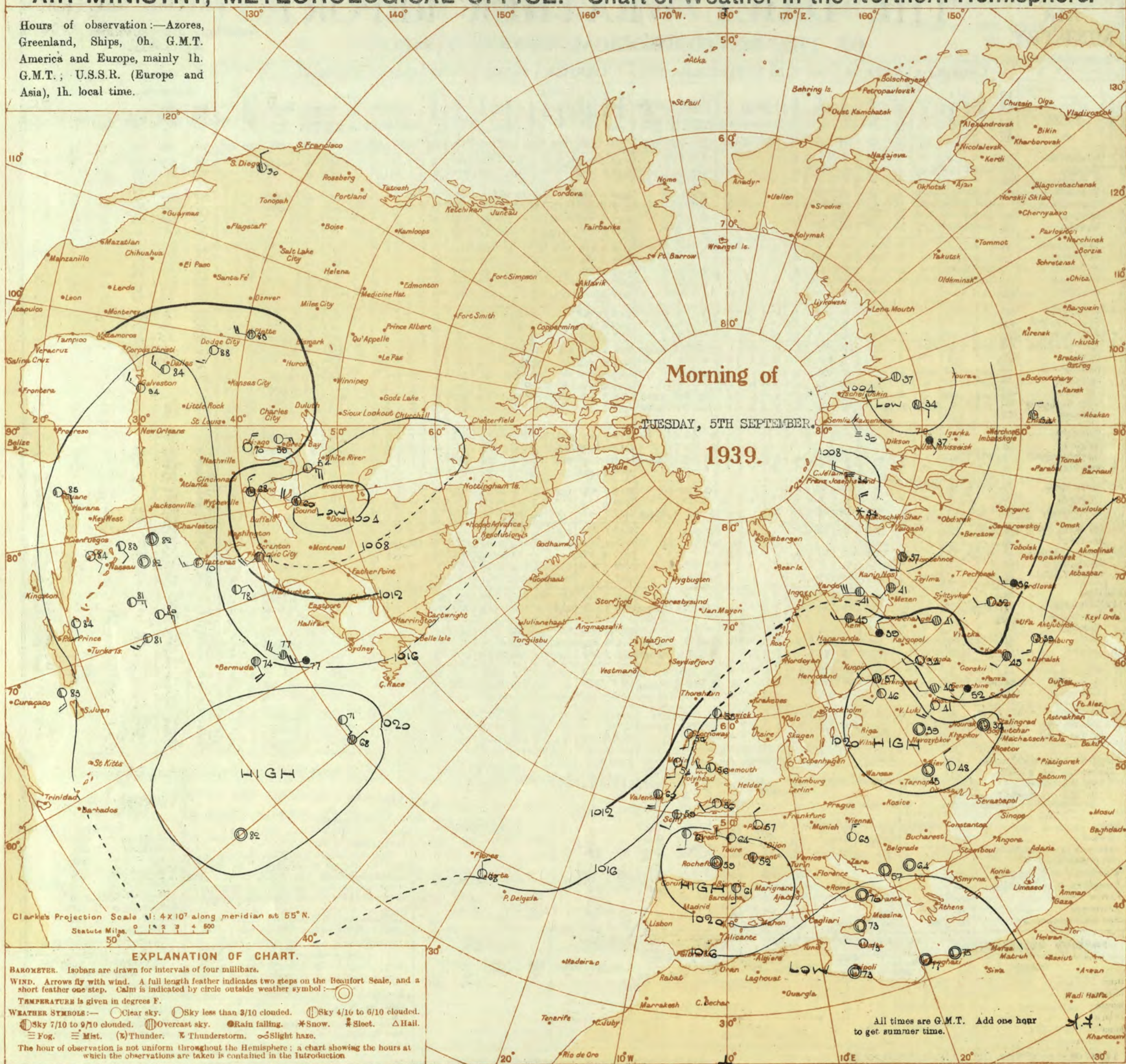
Forecasts issued at 0930 G.M.T.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 5th September, 1939.  
No. 28411.

OBSERVATIONS at 1 hr. G.M.T. <i>September 5<sup>th</sup></i>														OBSERVATIONS at 7 hr. G.M.T. <i>September 5<sup>th</sup></i>														PAST 24 HOURS.											
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Force. (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Height of Base. (feet) (14)	Barom. at M.S.L. -mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Force. (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 1/16 Hrs. (36)		
											Form.			Amount.											Low 0-10 (12)	Total 0-10 (13)	Low 0-10 (23)	Total 0-10 (24)	Height of Base (feet) (25)			Low 0-10 (26)	Total 0-10 (27)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
											Low	Med.	High	Low 0-10	Total 0-10																								
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmntn.) ... Lympne ... Manston ...	18 217 226 417 8 346 154	* 1018.5 * 1019.1 1018.8 1018.3 1018.0	* +4 * +6 +8 +4 +4	* WSW * NNW NW NW WS	* 1 * 2 3 2 2	* 20 * 20 20 20 20 b	* 56 * 54 58 58 58 56	* 97 * 97 97 97 97 92	* 6 * 5 5 6 6 7	* - * - - - -	* - * 8 5 - - 0	* 0 * 1 1 0 0 0	* - * - - -	1020.0 1019.7 * 1020.1 1019.9 1019.4 1019.3	+10 +10 * +10 +12 +10 +10	WSW - * - WS NE WN	1 0 * 0 2 2 2	f Z * OF F+ Z Z	56 54 * 51 57 38 59	92 97 * 97 97 85 92	2 5 * 1 0 5 5	- - * - - - -	- - * 10 10 0 0	10 0 * 10 10 0 0	450 - * 450 450 - -	1 1 * 1 1 0 1	* * * \$1 * * *	72 73 * 70 70 72 70	54 51 * 51 50 56 54	43 48 * 51 49 49 *	- - * - 2 Tr Tr	Tr - * Tr Tr Tr Tr	8.7 9.0 * 7.3 8.0 7.6 *					
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	* * 1017.5 1007.7 *	* * +2 +4 *	* * SW SW *	* * 2 2 *	* * b 20 *	* * 63 54 *	* * 85 97 97 *	* * 8 5 * *	* * - - *	* * - - *	* * 0 0 *	* * 0 0 *	* * - - *	1019.4 1019.0 1018.0 1018.9 1019.0	+14 +8 +6 +10 +10	WN NW WS W WN	1 3 2 2 2	b Z b bf- b	58 58 55 53 55	97 92 97 97 92	7 5 * 3 4	- - * - -	- 0 0 0 0	- 0 0 0 0	- 1 1 1 0	* 1 1 1 *	74 73 72 73 72	62 55 54 49 52	42 53 53 45 49	- - - Tr -	- - - Tr -	5.3 4.7 9.9 9.1 10.0					
3	Birmingham ... Upper Heyford ...	535 408	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1019.9 1019.8 1019.8	+6 +10 +8	- NW -	0 1 0	bf+ bf- F	53 50 49	92 97 97	3 3 1	- - -	- - -	0 0 10	0 0 0	- - 450	1 1 1	* * *	69 71 70	52 49 46	39 44 41	0.3 3 1	0.1 - -	5.4 * 6.6				
4	Ross-on-Wye ...	223	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1019.8 1019.8 1019.8	+10 +10 +10	W W W	0 0 0	bf- bf- bf-	52 52 52	97 97 97	2 2 2	- - -	3 3 3	- - -	2.3 2.3 2.3	7.8 7.8 7.8	2500 2500 2500	0 0 0	2 2 2	65 70 64	54 46 *	52 40 *	- Tr -	- - -	11.5 9.9 *			
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	1018.4 * 1018.9 1019.5 1019.5 1018.9	+2 * +4 0 +6 0	SSW * NNW N - SW	3 * 3 1 0 2	c * b Z c c	55 * 51 54 63 59	97 * 85 92 92 85	8 * 8 6 8 5	4 * - 4 8 5	3 * 																											
6	Pembroke ...	142													1017.9	0	SSW	4	c	61	85	8	2	7	-	2.3	9	2500	1	1	65	57	*	-	-	11.4			
7	Holyhead ...	26													1017.5	+4	SSE	6	c	58	92	9	5	7	-	7.8	9	2500	1	1	(67)	57	*	-	-	9.6			
8	Chester(Sealand) ... Manchester ...	16 70	1018.8 *	+6 *	- *	0 *	m *	51 *	97 *	4 *	5 *	- *	- *	9 *	1019.3 1019.3	+8 +2	SSE -	2 0	F f	49 54	97 97	1 2	- -	- -	- -	10 10	450 450	1 1	* *	68 68	49 46	*	44	Tr	-	8.4			
10	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	1017.3 * 1017.1	+6 * +4	NNW * W	4 * 3	b * bc	60 * 56	92 * 85	6 * 6	- * 2	- * -	- * 2.3	0 * 2.3	1018.6 1018.8 1017.7	+6 +6 +6	NW - W	2 0 0	F b bf	58 50 55	97 97 97	1 6 6	- - 5	- - -	10 0 2.3	10 0 1500	450 0 1500	1 1 1	1 1 1	74 68 69	57 49 52	*	42	0.2 1 7	Tr Tr -	9.4 7.5 *			
11	St. Abbs Head ... Leuchars ...	280 36	1016.7 *	+6 *	NW *	4 *	b *	59 *	85 *	7 *	- *	- *	- *	0 *	1017.1 1017.9	+4 +10	W -	2 0	b b	57 49	75 97	8 8	- 5	- -	- -	0 Tr	0 Tr	1500 450	0 1	1 1	65 71	58 49	*	38	0.6 *	- Tr	- 10.0		
12	Reafrow (Abbots L.) ... Eskdalemuir ... Point of Ayre ...	19 794 30	1017.3 * 1017.3	+6 * 0	- * SSW	0 * 1	bf+ * b	50 * 60	97 * 97	3 * 8	- * -	- * -	- * 5	0 * 0	1017.9 1018.1 1017.6	+6 +4 +2	- SW SSW	2 2 3	f+ c c	46 54 60	97 97 92	2 2 8	5 5 3	- - -	10 10 1	10 10 7.8	450 450 1500	1 1 1	* * 1	67 65 65	51 49 *	*	47	0.6 - -	0.1 - -	3.9 9.4 *			
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1014.2	0	SE'S	4	c	58	92	8	5	7	-	4.6	7.8	2500	0	3	64	53	47	-	-	9.4			
13B	Stornoway ...	80	1015.7	+4	S	2	b	56	92	8	1	-	-	Tr	1015.3	-8	SSE	3	b	58	85	9	1	4	-	Tr	1	4000	1	2	65	56	*	Tr	-	7.0			
15	Dalwhinnie ... Aberdeen ...	1176 79	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	* *	1017.6 1016.6	+4 +2	- SSE	0 2	%f Z	49 57	97 97	4 5	- -	- -	- -	0 10	0 450	1 1	1 1	69 63	48 50	46 *	- -	- -	10.2				
16	Wick ... Lerwick ...	81 156	1016.9 1017.2	+6 +4	NNE SW	2 1	c bc	58 55	97 85	7 7	5 3	- -	1 4.6	9 4.6	1500 1500	1016.2 1016.2	+8 +8	SSW WSW	2 1	bcft bcft	53 53	97 97	3 3	5 5	- -	4.6 4.6	7.8 4.6	2500 1500	0 1	3 2	65 62	54 52	*	-	-	12.3			
17	Blacksod Point ...	18	1012.0	-10	S	4	c	61	75	8	-	7	-	0	1009.9	-8	SE	4	c	61	75	8	-	7	-	0	9	-	0	3	65	54	*	-	Tr	*			
18	Malin Head ... Aldergrove ...	84 268	1014.9 *	0 *	S *	2 *	bc *	54 *	92 *	8 *	4 *	- *	1 *	2.3 *	1013.6 1015.8	0 +2	S SSE	4 2	c c	59 57	75 85	8 9	8 3	7 -	- -	4.6 0	9 9	5700 -	0 1	2 1	64 63	52 55	*	7	-	-	6.2 *		
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	1014.5	-4	S	2	c	57	85	8	5	4	-	4.6	7.8	2500	0	3	63	56	51	-	-	6.4			
20	Valentia Obsy.† ... Roches Point ...	30 22	1013.9 *	-14 *	SE *	4 *	c *	60 *	85 *	8 *	4 *	- *	7.8 *	2500 *	1011.5 1014.8	-4 -8	S S	5 4	c bc	63 63	85 92	8 8	5 8	3 5	- -	9 4.6	10 1500	1 1	3 3	65 66	53 60	54 *	0.1 -	- -	- -	4.2			

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.													Height above M.S.L. in feet.		Morning.			Afternoon.			Night.			Day Max.			Night Min.			Min. on Grass °F.			Day. mm.		Night. mm.		Yesterday.		To-day.		24 hrs. ended 7h. G.M.T. 5h.				COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
24 hrs. ended 9h.													°F.		°F.			°F.			mm.		mm.		Yesterday.		To-day.		24 hrs. ended 7h. G.M.T. 5h.				COLUMNS 8, 22—Code for surface visibility.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Kew...													18	cm	cb	bc	bc	bc	72	54	43	-	Tr	8.7	.	.	4	SOUTH KENSINGTON.				Objects not visible at																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
CROYDON...													217		bc	bc	bc	73	51	48	-	-	9.0	.	.		Max. Time. Min. Time.				0 Dense fog 55 yards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
GREENWICH (Royal Observatory)...													149	e	cy	cy	cy	76	53	42	Tr	Tr	6.4	49	80	5					1 Thick fog 220 "																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
CITY (Gunhill Row) ...													-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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

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

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



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

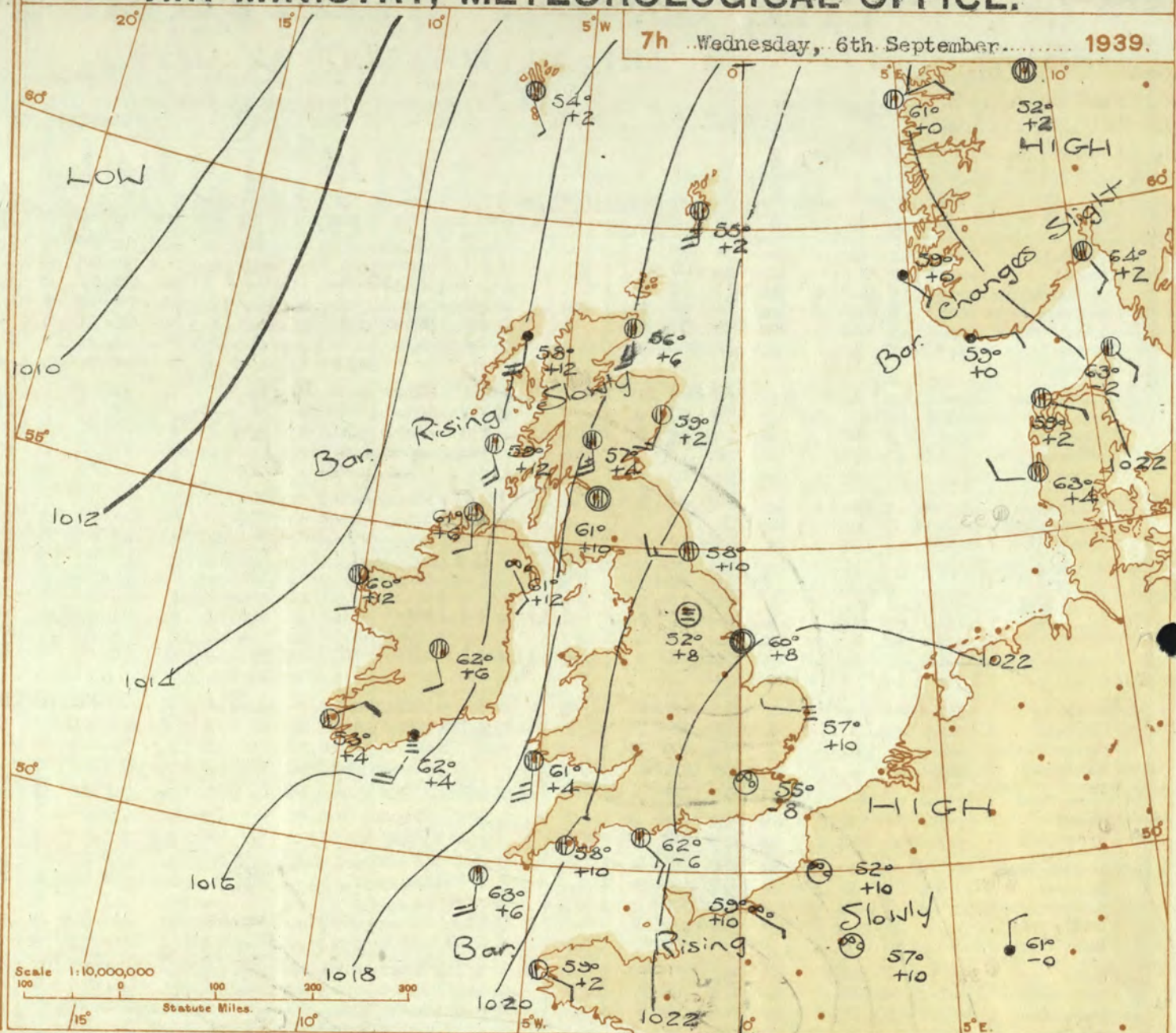
Wednesday, 6th September, 1939.  
No. 28412.

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 5th September														OBSERVATIONS at 18h. G.M.T. 5th 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					Low	Med.	High	Low 0-10	Amount. 0-10	Height of Base (feet)			Direc.	Force 0-12					Low	Med.	High	Low 0-10	Amount. 0-10	Height of Base (feet)			7h.—13h. 5th	13h.—18h. 5th	18h.—5th 6th	1h.—7h. 6th
1	London (Kew)...	1020.1	-2	W	1	bc	70	55	7	1	-	-	4-6	4-6	4000	1020.3	+10	WSW	2	bc	69	55	8	4	-	4	1	2-3	4000	0	*	Febmby	bcbv	pybw	bcbmwl
	Croydon ...	1019.9	+2	SW	1	bc	74	55	8	1	-	-	2-3	2-3	4000	1020.2	+8	SW	2	bc	69	55	8	1	4	4	1	2-3	4000	0	*	Bmzby	bcbv	bcbzw	bcbmwl
	S. Farnborough	1020.0	-2	SW	3	bc	73	75	8	1	-	-	4-6	4-6	4000	1020.4	+6	SW	3	bc	66	65	8	-	-	1	0	2-3	-	0	*	bfbey	bcbv	bcmo	bcbfw
	Boscombe Down	1020.1	-8	SW	2	bc	70	55	8	1	8	-	4-6	4-6	4000	1020.1	0	SSW	2	bc	65	65	8	-	4	2	0	2-3	-	0	*	Fewbwb	bcbv	bcbcf	bcbfw
	Calshot (Soton.)	1020.6	+2	SSW	3	bc	72	65	8	1	6	-	2-3	2-3	2500	1020.6	+2	SW	3	bc	66	75	8	-	4	4	0	2-3	-	0	*	Felomo	bcbv	bcbcf	bcbfw
	Lympe	1020.0	+2	S	1	bc	70	65	7	2	-	-	4-6	4-6	2500	1020.3	+6	SW	2	bc	66	75	8	2	-	-	2-3	2-3	4000	0	*	bmbey	bcmo	bmbmwl	bmbmwl
	Manston	1020.0	+2	S	1	bc	70	65	7	2	-	-	4-6	4-6	2500	1020.1	+2	SW	2	b	67	75	8	4	-	-	1	1	2500	0	*	bmbey	bcmo	bmbmwl	bmbmwl
2	Shoeburyness ...	1019.4	-4	S	2	bc	75	65	8	2	-	-	2-3	2-3	2500	1019.8	+4	SE	1	c	68	85	7	8	-	-	7-8	7-8	4000	0	*	bwbv	bcbv	bcbv	bcbv
	Felixstowe ...	1019.4	0	S	3	bc	74	35	6	2	-	-	2-3	2-3	4000	1019.7	+4	S	3	bc	68	75	7	3	6	-	2-3	2-3	5700	0	2	bmbmwl	bcbv	bcbv	bcbv
	Gorleston ...	1019.1	+4	N	3	bc	69	75	5	2	-	-	2-3	2-3	4000	1020.4	+6	EN	2	b	65	85	5	-	-	-	0	0	-	0	1	bmbmwl	bcbv	bcbv	bcbv
	Mildenhall ...	1019.5	+2	NW	1	bc	70	65	7	1	-	-	2-3	2-3	4000	1019.7	+4	-	0	bc	69	75	7	4	-	-	4-6	4-6	4000	0	*	bfbmwl	bcbv	bcbv	bcbv
	Cranwell ...	1019.5	-2	WS	2	bc	70	55	8	1	4	-	2-3	2-3	2500	1019.3	+4	WS	1	bc	65	75	8	1	5	-	Tr	4-6	2500	0	*	bmbmwl	bcbv	bcbv	bcbv
3	Birmingham ...	1019.9	+2	SW	3	bc	68	45	8	1	4	-	4-6	4-6	4000	1019.7	+2	SSW	2	c	67	55	8	-	3	2	0	7-8	-	0	*	fbbv	bcbv	bcbv	bcbv
	Upper Heyford	1019.9	-2	SW	2	bc	71	55	8	1	4	-	2-3	2-3	2500	1019.9	+2	SW	1	bc	67	65	9	4	6	2	Tr	4-6	4000	0	*	bmbmwl	bcbv	bcbv	bcbv
4	Ross-on-Wye ...	1019.1	-4	WS	3	bc	68	55	8	1	3	9	1	2-3	4000	1019.4	+4	S	2	bc	64	65	8	5	7	9	Tr	4-6	1500	1	*	Ffbv	bcbv	bcbv	bcbv
5	Hartland Point	1019.0	0	W	3	bc	64	75	8	8	5	-	4-6	4-6	1500	1018.8	+4	W	3	c	65	75	8	6	3	3	4-6	7-8	4000	0	2	bcbv	bcbv	bcbv	bcbv
	Bristol ...	1020.1	-2	SW	3	bc	69	55	9	1	3	5	4-6	4-6	4000	1020.3	+4	SW	2	bc	65	75	9	4	6	8	2-3	4-6	4000	1	*	bcbv	bcbv	bcbv	bcbv
	Portland Bill ...	1020.7	+4	SW	2	c	63	85	8	5	-	-	2-3	7-8	4000	1020.6	+4	SW	2	c	62	85	8	4	4	-	4-6	7-8	4000	1	2	bcbv	bcbv	bcbv	bcbv
	Plymouth ...	1020.7	+4	SW	2	c	63	85	8	5	-	-	2-3	7-8	4000	1020.6	+4	SW	2	c	62	85	8	8	7	3	4-6	7-8	2500	1	2	bcbv	bcbv	bcbv	bcbv
	The Lizard ...	1019.9	+4	S	3	bc	64	85	8	8	4	-	4-6	4-6	2500	1020.0	+2	SW	3	c	62	85	8	8	6	-	4-6	7-8	2500	0	1	bcbv	bcbv	bcbv	bcbv
	Scilly (St. Mary's)	1018.0	-2	SSW	4	c	66	65	8	1	4	9	2-3	7-8	2500	1018.0	+2	SSW	4	c	63	92	8	8	7	-	4-6	8+	1500	0	3	bcbv	bcbv	bcbv	bcbv
	Guernsey ...	1018.0	-2	SSW	4	c	66	65	8	1	4	9	2-3	7-8	2500	1018.0	+2	SSW	4	c	63	92	8	8	7	-	4-6	8+	1500	0	3	bcbv	bcbv	bcbv	bcbv
6	Pembroke ...	1018.4	+4	SSW	4	bc	64	85	8	2	7	1	2-3	4-6	2500	1017.9	0	SW	4	c	62	85	8	5	7	-	2-3	9	2500	1	2	bcbv	bcbv	bcbv	bcbv
7	Holyhead ...	1018.2	+2	S	4	c	65	75	9	7	9	-	2-3	7-8	2500	1017.6	0	S	3	c	62	85	9	5	3	-	7-8	9+	5700	1	2	bcbv	bcbv	bcbv	bcbv
	Chester (Sealand)	1019.0	-2	SSW	2	c	73	45	9	7	3	-	4-6	7-8	4000	1018.3	-2	SE	2	c	66	65	8	4	7	-	4-6	9	4000	0	*	bcbv	bcbv	bcbv	bcbv
8	Manchester ...	1019.5	0	S	3	bc	70	45	8	1	3	9	1	2-3	4000	1018.9	+2	SE	2	c	65	65	8	-	3	6	0	9	-	0	*	bcbv	bcbv	bcbv	bcbv
10	Spurn Head ...	1019.4	+4	E	1	bc	69	75	5	2	-	-	2-3	2-3	5700	1019.4	+2	SE	2	bc	64	92	6	-	4	1	0	2-3	-	0	1	bcbv	bcbv	bcbv	bcbv
	Catterick ...	1018.6	-2	SE	2	bc	72	55	8	1	5	-	4-6	4-6	2500	1018.3	+6	-	0	c	65	65	7	-	3	-	0	7-8	-	1	*	bcbv	bcbv	bcbv	bcbv
	Tynemouth ...	1018.4	+2	SE	2	bc	63	85	6	7	-	-	2-3	2-3	2500	1018.2	+2	S	3	bc	62	85	6	5	3	-	4-6	4-6	1500	1	1	bcbv	bcbv	bcbv	bcbv
11	St. Abbs Head...	1017.8	+2	SW	3	bc	69	65	8	7	3	-	2-3	2-3	2500	1017.9	+4	SE	2	c	58	92	8	5	3	-	4-6	7-8	2500	0	1	bcbv	bcbv	bcbv	bcbv
	Leuchars ...	1017.5	-8	S	2	bc	69	65	7	8	-	-	2-3	2-3	4000	1017.3	-2	SE	2	c	64	75	8	5	7	-	4-6	9	4000	1	*	bcbv	bcbv	bcbv	bcbv
12	Renfrew (Abbots)	1017.4	-4	SW	3	c	67	55	9	2	3	5	4-6	9	4000	1017.2	+2	S	1	c	64	75	8	7	7	-	4-6	10	2500	0	*	bcbv	bcbv	bcbv	bcbv
	Eskdalemuir ...	1017.7	0	SW	4	bc	64	55	8	1	7	9	2-3	4-6	4000	1017.3	+4	S	1	c	59	65	8	-	9	6	0	3+	-	1	*	bcbv	bcbv	bcbv	bcbv
	Point of Ayre ...	1017.9	0	S	4	c	67	65	8	8	3	9	4-6	9	1500	1017.9	0	SW	3	c	62	85	8	8	7	-	2-3	9+	2500	0	2	bcbv	bcbv	bcbv	bcbv
13A	Tiree ...	1013.7	-2	SE	5	c	62	85	8	5	4	8	2-3	7-8	2500	1012.6	-4	SE	5	c	60	85	7	5	1	-	7-8	9+	2500	0	4	bcbv	bcbv	bcbv	bcbv
13B	Stornoway ...	1015.0	+4	S	5	c	62	75	8	5	3	-	4-6	7-8	4000	1014.6	+2	SE	4	c	61	75	8	5	1	-	7-8	10	4000	1	2	bcbv	bcbv	bcbv	bcbv
15	Dalwhinnie ...	1016.8	-2	S	5	bc	64	55	8	4	6	1	2-3	4-6	4000	1016.6	+2	S	5	c	58	65	8	5	6	-	4-6	9+	4000	0	*	bcbv	bcbv	bcbv	bcbv
	Aberdeen ...	1017.5	0	S	3	b	66	65	8	1	-	-	Tr	Tr	2500	1017.3	+2	S	2	bc	61	85	7	-	4	6	0	2-3	-	0	1	bmb	bcbv	bcbv	bcbv
	Wick ...	1017.0	0	SE	3	F	57																												



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 6th September, 1939.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th September, 1939.

1 S.E. England	Light variable wind; fine apart from morning mist or fog; warm by day.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate southerly wind; fair; rather warm.
6 South Wales ...	
7 North Wales ...	As 1 - 6.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate southerly wind; mainly cloudy with local rain; rather warm.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
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	

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 established over England and France. Apart from morning mist and fog the weather will be fine and warm by day in eastern districts, but in Ireland and West Scotland there will be occasional rain.

### FURTHER OUTLOOK.

Fair over most of England and East Scotland. Unsettled further west.

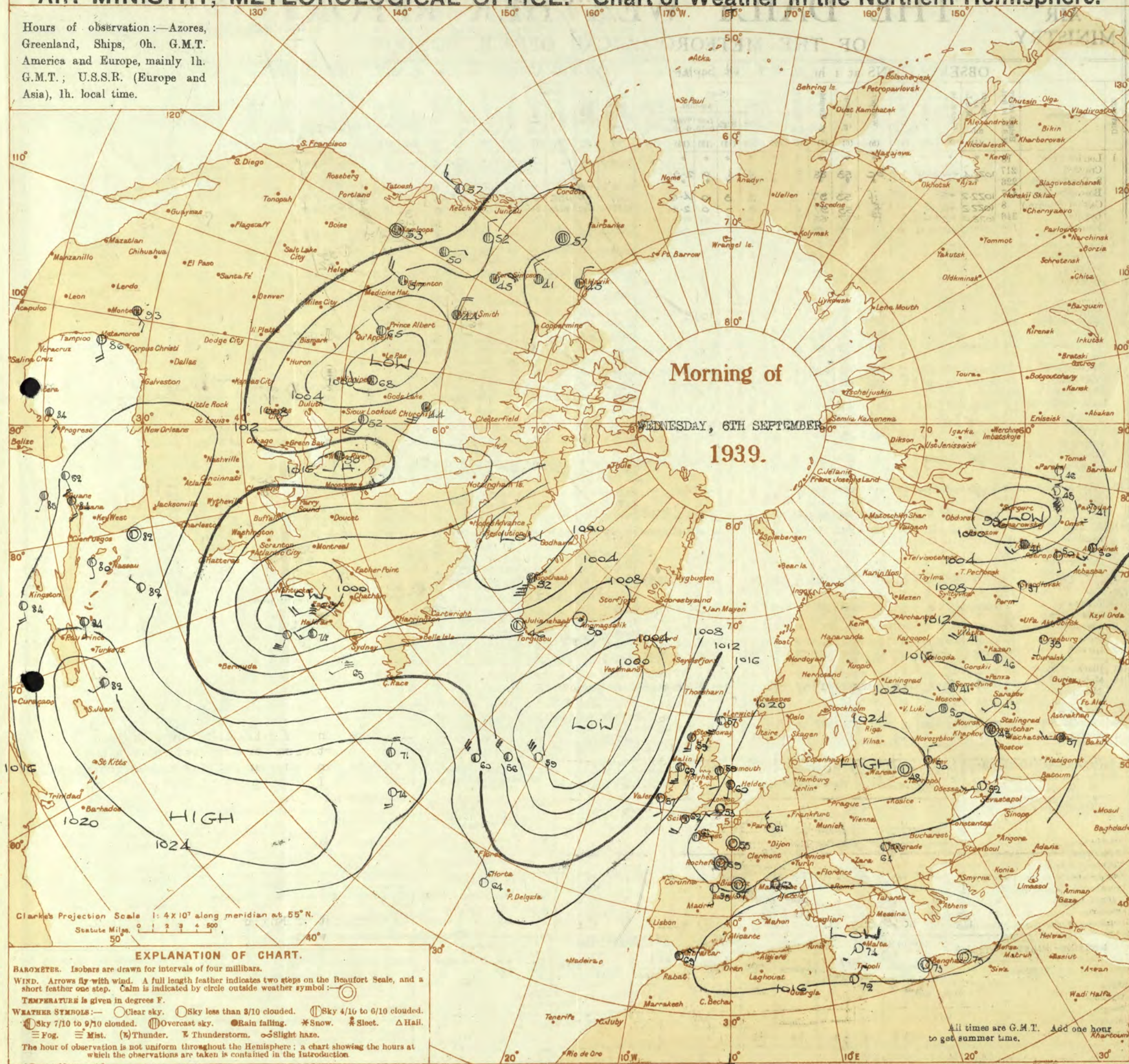
Forecasts issued at

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



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

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





# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 6th September, 1939.  
No. 28412.

OBSERVATIONS at 1 hr. G.M.T. 6th 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. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility.	TEMPERATURE.				SUNSHINE 5th Hrs.	
					Direc.	Force.				Form.	Amount.	Direc.	Force.			Form.	Amount.				Height of Base (feet).	Form.	Amount.	Height of Base (feet).			State of Ground.	Sea.				Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.		Night 18h-7h mm.
1	London (Kew) ...	18	1022.4	+10	SW	1	53	85	7	-	4	1	2-3	-	1023.7	+8	-	0	56	92	6	-	3	1	0	2-3	-	0	73	50	38	-	Tr	9.3			
	Croydon ...	217	1022.4	+10	SW	1	53	85	7	-	4	1	2-3	-	1023.5	+8	-	0	56	97	6	-	3	1	0	1	-	1	74	41	48	-	Tr	8.8			
	S. Farnborough ...	226	1022.2	+8	-	0	53	97	3	-	3	3	0	4-6	-	1023.1	+6	ENE	2	53	97	3	-	3	2	0	2-3	-	1	70	55	48	-	Tr	8.8		
	Boscombe Down ...	417	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
	Calshot (St. Mary's) ...	8	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
	Lymington ...	346	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
	Manston ...	154	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
2	Shoeburyness ...	11	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
	Felixstowe ...	15	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
	Oranwell ...	240	1022.2	+6	W	1	55	97	6	-	3	0	2-3	-	1022.9	+6	NE	1	58	97	6	-	3	2	0	4-6	-	1	70	55	48	-	Tr	8.8			
3	Birmingham ...	535	1023.1	+10	-	0	52	97	4	-	3	-	0	3	-	1	52	97	4	-	3	-	0	3	-	1	73	49	49	-	-	-	8.8				
	Upper Heyford ...	408	1022.2	+6	SW	1	56	97	6	-	5	8	0	7-8	-	1	56	97	6	-	5	8	0	7-8	-	1	70	54	49	-	-	-	8.8				
	Ross-on-Wye ...	223	1022.2	+6	SW	1	56	97	6	-	5	8	0	7-8	-	1	56	97	6	-	5	8	0	7-8	-	1	70	54	49	-	-	-	8.8				
4	Hartland Point ...	299	1019.9	+4	S	3	59	97	8	8	-	7-8	7-8	4000	1020.3	+4	SE	3	58	85	8	4	7	-	4-6	7-8	4000	0	67	56	54	-	-	6.1			
	Bristol ...	209	1022.0	+12	SW	2	61	85	8	5	-	4-6	4-6	4000	1021.8	-6	SE	3	62	85	8	4	7	-	7-8	9	4000	1	64	59	53	-	-	10.2			
	Portland Bill ...	32	1021.2	+2	SE	2	58	97	7	-	3	-	0	4-6	-	1021.4	+10	NE	1	58	92	7	5	3	-	9	9	2500	1	65	58	53	-	-	6.1		
	Plymouth ...	82	1021.2	+2	SE	2	58	97	7	-	3	-	0	4-6	-	1021.4	+10	NE	1	58	92	7	5	3	-	9	9	2500	1	65	58	53	-	-	6.1		
	The Lizard ...	240	1018.9	+2	SW	4	62	97	8	8	-	4-6	7-8	2500	1018.9	+6	S	4	63	97	8	8	-	4-6	9	1500	0	68	61	*	-	-	5.7				
	Scilly (St. Mary's) ...	133	1018.9	+2	SW	4	62	97	8	8	-	4-6	7-8	2500	1018.9	+6	S	4	63	97	8	8	-	4-6	9	1500	0	68	61	*	-	-	5.7				
	Guernsey ...	175	1017.9	+2	SW	4	62	97	7	8	-	9	9	2500	1019.1	+4	S	5	61	92	7	8	2	-	7-8	9	2500	1	65	60	*	-	-	7.1			
6	Pembroke ...	142	1020.5	+6	SE	1	57	85	5	1	-	7-8	9	4000	1021.4	+10	SE	3	58	92	6	5	7	-	4-6	7-8	5700	0	73	54	50	-	-	2.0			
7	Holyhead ...	26	1021.6	+6	SE	1	57	85	5	1	-	7-8	9	4000	1021.6	+6	SE	1	57	85	5	1	3	1	2-3	9	5700	0	71	53	49	-	-	8.0			
8	Chester (Sealand) ...	16	1021.6	+6	SE	1	57	85	5	1	-	7-8	9	4000	1021.6	+6	SE	1	57	85	5	1	3	1	2-3	9	5700	0	71	53	49	-	-	8.0			
	Manchester ...	70	1021.1	+6	SSW	1	60	85	6	-	3	-	0	7-8	-	0	60	85	6	5	4	-	4-6	7-8	4000	1	69	59	*	-	-	9.0					
10	Spurn Head ...	29	1021.1	+6	SSW	1	60	85	6	-	3	-	0	7-8	-	0	60	85	6	5	4	-	4-6	7-8	4000	1	69	59	*	-	-	9.0					
	Catterick ...	175	1021.3	+8	-	0	60	85	6	5	4	-	4-6	7-8	4000	1021.3	+8	-	0	60	85	6	5	4	-	4-6	7-8	4000	1	69	59	*	-	-	9.0		
	Tynemouth ...	108	1019.5	+4	S	2	59	85	6	5	-	7-8	7-8	1500	1020.2	+6	W	2	58	85	6	8	3	-	4-6	7-8	1500	1	67	57	52	-	-	*			
11	St. Abbs Head ...	280	1019.1	0	S	3	56	75	8	4	6	-	4-6	7-8	2500	1019.5	+4	SW	3	58	75	8	4	6	-	4-6	7-8	2500	0	69	54	*	-	-	*		
	Leuchars ...	36	1019.7	+10	-	0	53	97	7	5	3	-	2-3	7-8	2500	1019.7	+10	-	0	53	97	7	5	3	-	2-3	7-8	2500	1	69	51	*	-	-	*		
12	Reafrew (Abbots L.) ...	19	1018.3	+10	-	0	61	85	7	5	3	-	9	10	1500	1018.3	+10	-	0	61	85	7	5	3	-	9	10	1500	0	69	56	52	-	-	3.3		
	Eskdalemuir ...	794	1019.9	+4	SW	2	56	92	8	5	3	-	4-6	9	1500	1019.9	+4	SW	2	56	92	8	5	3	-	4-6	9	1500	1	66	53	50	-	-	4.8		
	Point of Ayre ...	30	1018.5	+4	SW	3	60	92	8	7	-	4-6	9	1500	1019.1	+2	SSW	4	61	92	8	8	7	-	4-6	9	2500	1	67	58	*	-	-	6.5			
13a	Tisee ...	23	1014.9	+2	S	4	59	85	7	5	1	-	7-8	10	4000	1015.5	+2	SSE	4	59	97	7	5	2	-	9	10	1500	1	63	58	57	-	-	2.1		
13b	Stormoway ...	80	1014.9	+2	S	4	59	85	7	5	1	-	7-8	10	4000	1015.5	+2	SSE	4	59	97	7	5	2	-	9	10	1500	1	63	58	57	-	-	2.1		
15	Dalwhinnie ...	1176	1018.9	+4	S	5	57	92	7	4	4	2	4-6	7-8	1500	1018.9	+4	S	5	57	92	7	4	4	2	4-6	7-8	1500	0	65	54	51	-	-	7.8		
	Aberdeen ...	79	1016.4	+6	SSE	3	57	92	7	5	7	-	7-8	10	1500	1016.4	+6	SSE	3	57	92	7	5	7	-	7-8	10	1500	0	68	56	51	-	-	10.5		
	Wick ...	81	1016.4	+6	SSE	3	57	92	7	5	7	-	7-8	10	1500	1016.4	+6	SSE	3	57	92	7	5	7	-	7-8	10	1500	0	68	56	51	-	-	10.5		
15	Lerwick ...	156	1018.4	+4	SSW	5	57	92	7	8	7	-	4-6	7-8	800	1018.8	+2	S	5	55	97	7	5	2	-	7-8	10	800	0	60	55	*	-	-	0.2		
17	Blacksod Point ...	18	1012.9	+6	S	2	60	85	8	3	-	9	9	450	1014.4	+12	S	2	60	92	8	3	-	4	2-3	7-8	450	1	63	57	*	0.3	0.3	*			
18	Malin Head ...	84	1013.6	+8	S	5	62	85	7	8	-	4	4-6	7-8																							



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 7th September, 1939.  
No. 28413.

DISTRICT.	STATIONS.  (For heights see p. 4.)	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 0-9	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.				State of Ground. 0-9	Sea. 0-9	WEATHER.								
				Dir.	Force 0-12					Low	Med.	High	Form.			Amount.	Height of Base (feet)					Low	Med.	High	Form.			Amount.	Height of Base (feet)	7h.—13h. 6th.. (37)	13h.—18h. 6th.. (38)	18h.—6h. to 7h.. (39)	6h.—1h. 7th.. (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)	
1	London (Kew)...	1023.7	0	NW	2	c	73	65	8	1	3	5	4-G	7.8	4000	1023.8	+6	SW	2	c	66	65	8	5	-	-	3+	4000	0	*	bombc	beyc	cbebw	bcbfbc		
	Croydon ...	1023.4	-2	SW	2	bc	73	55	8	1	3	5	4-G	4-G	4000	1023.6	+6	SW	2	c	67	75	8	1	3	-	0	3+	-	0	*	bbe	beyc	cbeb	bcbw	
	S. Farnborough	1023.4	-2	SW	3	c	73	55	8	7	1	5	7-8	7.8	4000	1023.3	+4	SSW	1	c	65	75	8	1	3	-	0	3+	-	0	*	bmb,cy	cyc	cbrmw	bfbmb	
	Boscombe Down	1022.9	-2	SW	3	c	69	55	8	1	7	6	1	3+	4000	1023.3	+4	SE	2	c	64	55	8	1	7	8	0	3	-	0	*	bfbccbc	cyc	cbebfq	bfbmb	
	Calshot (Soton.)	1023.6	+4	SES	3	bc	77	65	8	1	4	6	2-3	4-G	4000	1023.6	-2	SE	1	c	68	75	8	1	7	3	T	7.8	4000	0	\$	bby	beyc	cbebm	bfbmb	
	Lympe ...	1023.6	+2	NN	2	bc	73	45	9	1	-	4	1	2-3	4000	1024.2	+10	SSA	1	c	64	75	9	-	7	-	0	3	-	0	\$	bby	beyc	cbe	bmb	
	Manston ...	1023.3	+6	NEN	3	bc	72	55	7	1	5	5	T	2-3	2500	1023.9	+10	SE	3	c	64	55	7	-	-	8	0	3+	-	0	*	by	c	cbe w	bmfq	
2	Shoeburyness ...	1023.6	0	NW	3	bc	74	55	8	-	-	6	0	2-3	-	1023.7	+6	NW	2	c	68	75	7	7	5	-	7.8	3+	4000	0	*	bby	beyc	c	cbe	
	Felixstowe ...	1023.5	-2	S	3	b	75	45	8	-	4	3	0	1	-	1023.6	+8	S	4	c	68	75	8	-	3	-	0	3+	-	0	2	F.bmy	beyc	c	bmb	
	Gorleston ...	1023.4	+4	ESE	3	bc	69	35	6	1	-	2-3	2-3	4000	1023.2	0	SSE	3	c	67	75	6	-	2	-	0	3	-	0	2	q/bc	bcc	be	bmb		
	Mildenhall ...	1023.1	0	SW	2	bc	73	45	9	1	3	3	T	4-G	4000	1023.5	+4	S	3	c	67	75	8	5	3	-	4-G	3+	5700	0	*	bmb,bv	beyc	bebm	bmbw	
	Cranwell ...	1022.6	+8	SSW	3	c	68	55	8	1	5	5	T	7.8	2500	1022.8	+6	SW	1	c	66	55	8	-	7	8	0	3	-	0	*	cmabce	cyc	cbebm	bmb	
3	Birmingham ...	1022.3	+2	SW	2	c	67	65	8	1	7	-	4-G	3+	2500	1023.3	+6	SSW	1	c	66	75	8	5	7	5	-	2-3	3+	5700	0	*	cbee	c	bbs	bbs
	Upper Heyford	1023.7	+2	NN	3	c	70	65	8	3	3	8	4-G	3	4000	1023.3	+6	SSW	1	c	66	75	8	5	7	5	-	2-3	3+	5700	0	*	cmbee	c	cbebm	bbs
4	Ross-on-Wye ...	1022.2	0	NNW	3	c	69	65	8	2	4	3	2-3	7.8	4000	1022.2	0	S	2	bc	67	75	8	-	3	-	0	4-G	-	1	*	cbee	c	bbs	bbs	
5	Hartland Point ...	1021.2	+2	SSW	3	c	66	75	8	4	3	-	4-G	7.8	4000	1021.3	+2	NW	2	bc	65	75	8	4	-	-	4-G	4-G	4000	0	2	c	bee	c	bbs	bbs
	Bristol ...	1022.8	+2	S	2	c	68	65	8	4	2	-	1	3+	2500	1023.0	+2	S	2	c	66	75	8	-	3	-	0	7.8	-	1	2	c	c	bbs	bbs	
	Portland Bill ...	1023.1	+14	S	2	c	68	85	8	5	1	-	7.8	3	4000	1024.1	+10	E	1	c	64	85	8	4	-	4	-	4-G	7.8	4000	0	1	c	c	bbs	bbs
	Plymouth ...	1022.3	+6	SE	2	c	66	65	8	5	7	3	T	3+	2500	1022.4	+2	SE	2	c	65	75	8	-	3	-	0	3+	-	0	2	c	c	bbs	bbs	
	The Lizard ...	1021.7	+4	SSE	2	c	64	35	8	8	2	-	7.8	3+	2500	1022.0	+6	SE	3	bc	64	35	8	8	6	-	4-G	4-G	2500	0	1	c	c	bbs	bbs	
	Scilly (St. Mary's)	1020.0	+6	S	4	c	63	32	8	6	7	-	2-3	3	2500	1020.6	+2	SE	4	c	65	32	8	8	7	3	2-3	7.8	2500	0	2	cisc	c	cbebw	qbebw	
6	Pembroke ...	1021.1	+4	S	4	c	63	32	7	5	6	-	4-G	7.8	2500	1021.2	+2	S	3	c	63	32	8	8	6	-	4-G	7.8	2500	1	2	c	c	cbe	c	
7	Holyhead ...	1020.3	+6	SE	4	ig	62	35	8	5	2	-	4-G	10	1500	1020.5	-2	SE	3	bc	64	75	3	5	4	-	4-G	4-G	5700	1	1	c	kmrcc	kmrcc	bbs,c	c
	Chester (Sealand)	1021.3	+4	SSE	2	c	63	55	7	5	7	-	2-3	10	4000	1021.3	0	SE	2	bc	67	75	7	5	3	-	1	2-3	4000	0	*	bccaccy	cycbe	bcbmw	bcbmw	
8	Manchester ...	1022.2	+2	SSW	2	c	67	65	7	1	3	-	T	3+	4000	1022.2	0	S	2	bc	67	65	7	1	4	3	2-3	4-G	4000	0	*	cmcczcc	cbe	bbs	bmbw	
10	Spurn Head ...	1022.8	+2	SES	2	c	70	65	7	-	4	2	0	7.8	-	1022.8	0	SW	2	c	67	65	6	5	4	8	4-G	3	2500	0	0	c	fmabce	c	bbs	bbs
	Catterick ...	1021.3	+6	SSE	1	c	69	65	7	7	8	-	4-G	3	2500	1021.8	+6	-	0	z	65	75	6	5	3	-	4-G	3+	4000	1	*	fmabce	c	bbs	bbs	
	Tynemouth ...	1020.3	0	NW	2	c	70	53	6	8	-	-	7.8	7.8	1500	1021.3	+6	-	0	c	67	65	6	5	-	-	3+	3+	1500	1	1	cbee	c	bbs	bbs	
11	St. Abbs Head...	1020.2	+6	SSW	3	c	67	65	8	8	3	-	4-G	3	2500	1020.7	+6	SE	2	rr	62	35	8	8	2	-	7.8	10	1500	1	1	bcc	err	c	cbe	
	Leuchars ...	1020.4	+6	SSW	2	c/pr	67	75	7	5	7	-	4-G	3+	2500	1020.4	0	SW	1	rr	61	37	7	5	2	-	4-G	10	2500	1	*	cwbepre	kmrcc	cbe	bbs	
12	Renfrew (Abbots)	1019.3	+6	SW	3	ig	64	35	6	5	2	-	4-G	10	800	1020.1	+2	SE	2	c/r	61	32	6	5	2	-	7.8	10	800	1	*	ciscid	kmrcc	cbe	bbs	
	Eskdalemuir ...	1020.3	+4	SW	3	c	61	35	7	5	2	-	3	10	1500	1021.4	+4	SSW	3	rr	58	32	7	6	7	-	2-3	3+	800	1	*	cisc	kmrcc	cbe	bbs	
	Point of Ayre ...	1020.7	+6	SSW	3	rr	61	37	8	2	-	4-G	10	1500	1020.7	-2	SW	4	c	61	32	7	8	7	-	7.8	3+	1500	1	2	rrrr	rrrr	c	cbe		
13A	Tiree ...	1017.2	+6	SSE	3	c/d	62	37	7	5	-	-	3+	3+	1500	1017.5	+2	SES	2	c	60	37	7	5	-	-	3	3	1500	0	2	cisc	cbe	c	cbe	
13B	Stornoway ...	1017.3	+8	S	4	id	59	37	6	5	2	-	3	10	1500	1018.6	+2	S	4	c/pr	59	37	6	5	4	-	7.8	3+	1500	1	2	cisc	PR	cbe	cbe	
15	Dalwhinnie ...	* +6	S	3	c	c	62	35	7	4	1	-	4-G	10	2500	1019.3	0	S	3	ig	60	35	7	5	2	-	4-G	10	2500	0	*	c	c	cbe	cbe	
	Aberdeen ...	1015.5	+4	SE	3	c	65	75	7	5	3	-	T	3	2500	1015.8	+2	S	2	c	62	35	6	5	7	-	0	3+	-	1	1	bcc	cisc	cisc	cbe	
	Wick ...	1012.7	+4	S	3	c	61	35	7	5	6	2	4-G	7.8	2500	1015.3	+2	S	2	c	59	32	7	5	7	2	4-G	3+	1500	1	1	cbee	c	c	cbe	
16	Lerwick...	1018.3	-2	SE	5	c	60	35	6	5	7	-	4-G	3	800	1018.6	0	SE	4	c	57	32	7	8	7	1	7.8	3	800	0	*	cmo	c	com	oprFF	
17	Blackod Point...	1016.6	+10	S	4	bc	65	75	8	2	4	-	2-3	4-G	1500	1016.3	+4	S	2	bc	63	35	8	1	-	1	1	2-3	2500	0	2	bc	bc	bc	c	
18	Malin Head ...	1016.3	+10	N	1	c	64	32	7	3	-	-	3	3	1500	1017.3	+4	SW	1	c	64	35	7	3	-	2	4-G	7.8	1500	0	1	cpra	clprbce	cPRbce	c	
	Aldergrove ...	1018.3	+8	SE	2	c/d	62	32	7	5	-	-	10	10	1500	1018.2	0	SE	3	c/r	63	32	7	5	-	-	3	3	1500	1	*	cmadec	cisc	cisc	cbebm	
19	Birr Castle ...	1015.8	+4	NW	1	pr	65	37	7	3	7	-	7.8	3	800	1017.1	+6	S	2	pr	63	32	7	3	7	-	7.8	3	800	1	1	idpr	cpr	cpr	cw	
20	Valentia Obsy.†	1017.3	+3	NW	3	bc	67	75	3	1	-	-	4-G	4-G	1500	1017.3	0	SW	2	bc	63	35	8	1	-	2	T	4-G	450	1	1	bwcub	bcbce	bcbw	cw	
	Roches Point ...	1017.5	+14	SSW	4	dd	62	37	6	5	-	-	10	10	450	1018.2	+2	SSW	4	id	62	37	5	5	-	-	10	10	450	1	4	dfdrdd	drddid	drdr	ddffddr	

### 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).  
 la, mist, visibility 1100-2200 yds.  
 h, hail. i, intermittent.  
 jf, fog at a distance, but not at station.  
 jp, precipitation within sight of station.  
 ks, storm of drifting snow.  
 k/s<sub>o</sub>, slight storm of drifting snow (generally low).  
 l/S, heavy storm of drifting snow (generally low).  
 s<sub>c</sub>/k, slight storm of drifting snow (generally high).  
 S/k, heavy storm of drifting snow (generally high).  
 KQ, line squall. l, lightning.  
 o, overcast sky. p, passing showers.

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

Columns 18, 27. The figures in these columns indicate the total amount of all forms of cloud.

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

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

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29 — STATE OF GROUND.

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

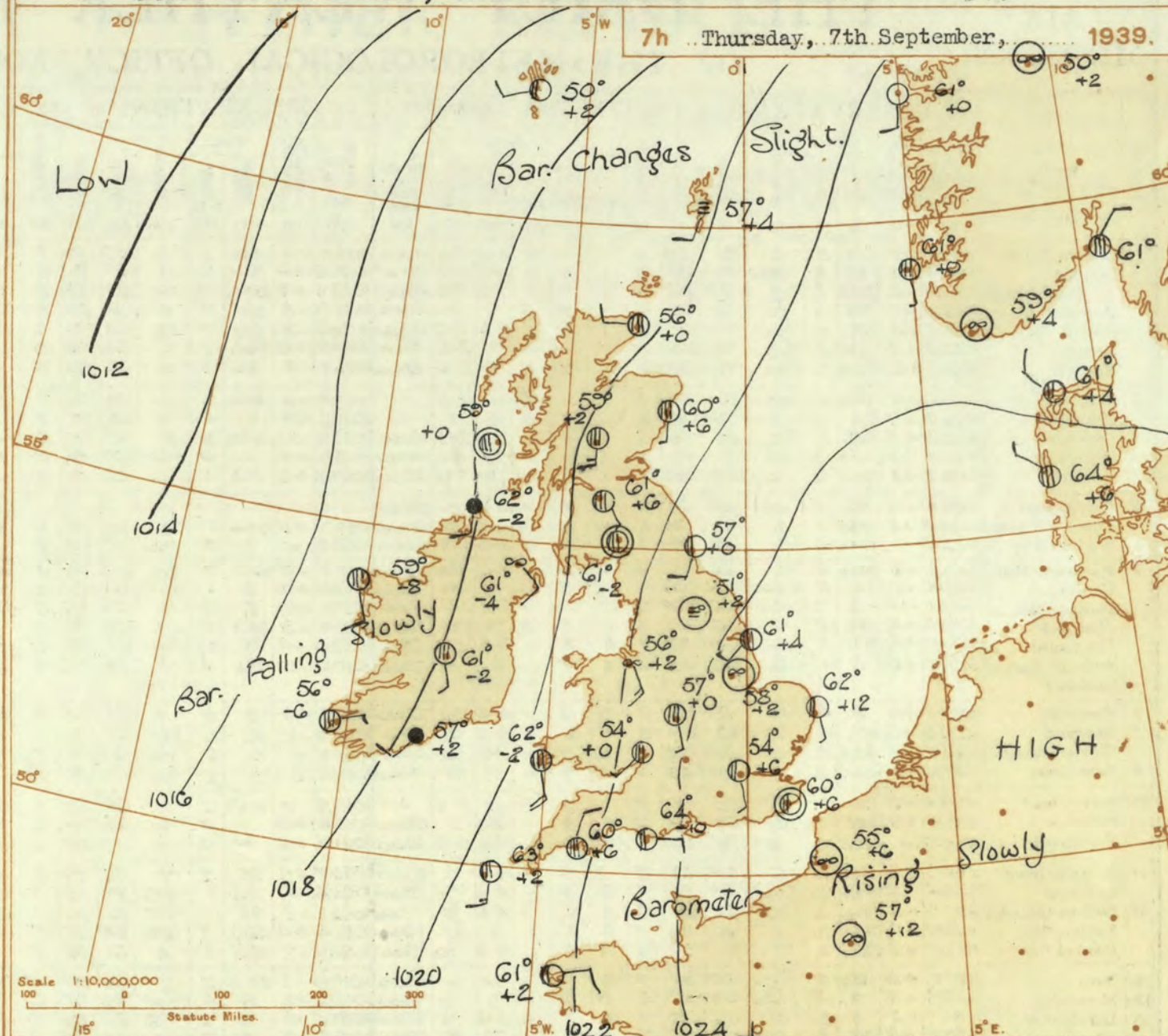
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

<sup>‡</sup> Sea disturbance reported from Dungeness.



**AIR MINISTRY, METEOROLOGICAL OFFICE.**

7h Thursday, 7th September, 1939



### DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th September, 1939

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

Wind light variable between south and east, fair or fine apart from morning mist or fog; warm by day.

Moderate southerly wind, cloudy, some local rain and fog; rather warm.

Moderate southerly wind, cloudy; some local rain; rather warm.

H.M.S.O. Press, Cornwall House, S.E.1. D. 470/3743 Ws. 8109. D. 4626. G. 348. 28800. 9/39

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 extensive anticyclone covers most of Europe and the British Isles. Apart from local rain in Ireland and West Scotland the weather will be fair and warm by day.

### FURTHER OUTLOOK.

Little change

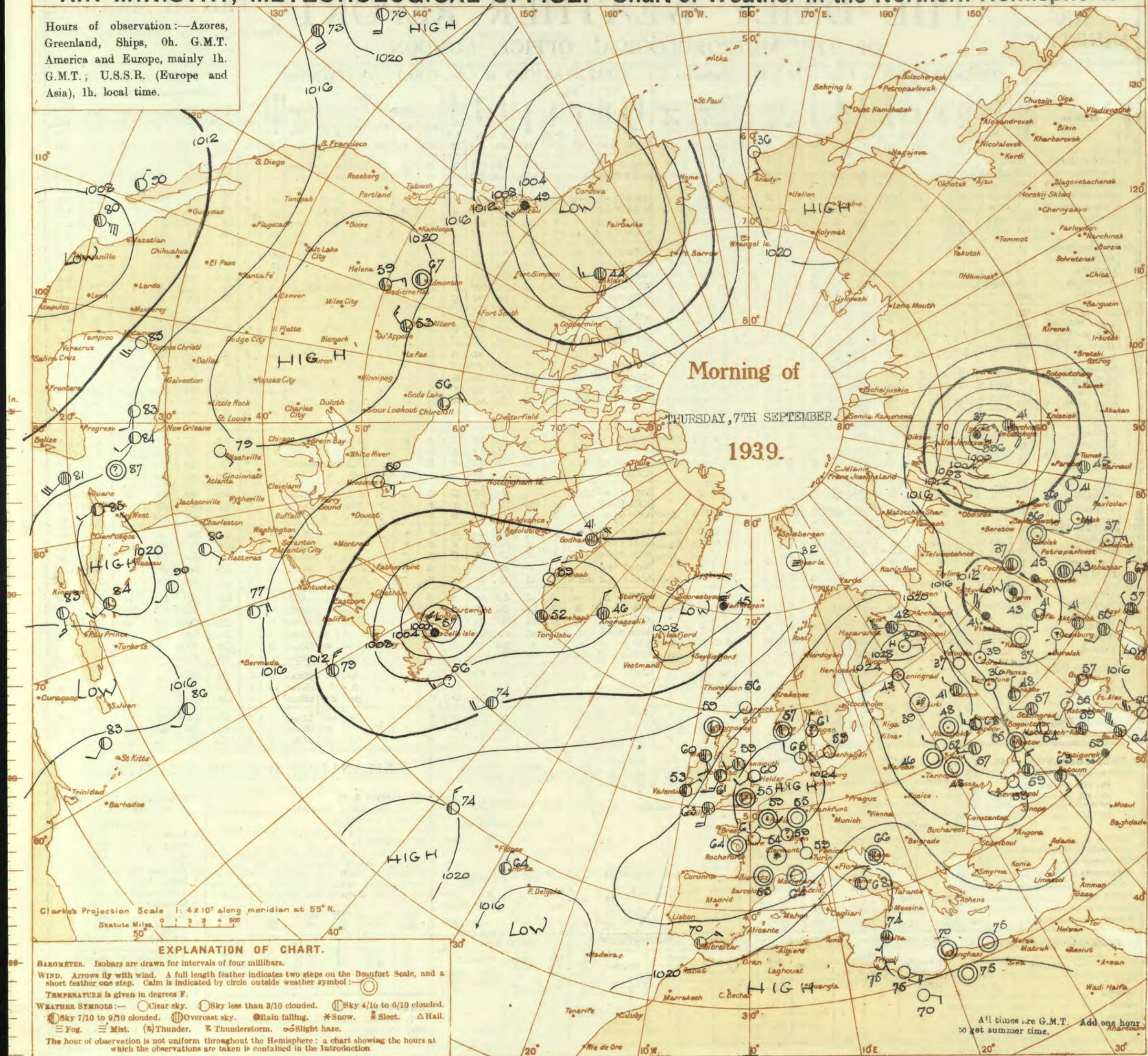
Forecasts issued at 1000 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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

Thursday, 7th September, 1939.

No. 28413.

OBSERVATIONS at 1 hr. G.M.T. 7th September														OBSERVATIONS at 7 hr. G.M.T. 7th 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. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.	Force.	Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.	Force.	Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.					RAINFALL.		SUN-SHINE Hrs.				
					Dir.	Force.					Low.	Med.	High.	Low.	Total.									Height of Base (feet).	Form.	Amount.	Low.	Med.									High.	Low.	Total.	Height of Base (feet).	State of ground.	Sea.	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.
1	London (Kew) ...	18	1024.8	+2	0	bc	55	32	7	5	3	*	Tr	2-3	570	1025.4	+8	0	bc	57	32	5	5	3	1	2-3	4-6	4000	0	*	73	51	41	-	Tr	8.0												
	Croydon ...	217	1024.8	+2	0	bc	55	32	7	5	3	*	Tr	2-3	570	1025.2	+6	SSE	1	bc	54	32	7	-	3	2	0	4-6	-	0	73	50	48	-	Tr	8.7												
	S. Farnborough ...	226	1024.7	+4	0	bc	56	37	4	-	4	0	0	2-3	-	1024.7	+2	ESE	3	bc	53	37	7	-	-	3	0	4-6	-	1	73	52	50	Tr	Tr	5.2												
	Boscombe Down ...	417	1024.3	-2	E	3	61	32	6	-	4	1	0	2-3	-	1024.7	+6	ESE	2	bc	62	32	6	-	3	2	0	4-6	-	0	72	56	58	-	Tr	9.0												
	Calshot (St. Mary's) ...	8	1024.3	-2	E	3	61	32	6	-	4	1	0	2-3	-	1025.3	+6	E	0	bc	60	35	8	-	3	1	0	4-6	-	0	74	55	44	-	Tr	10.3												
	Lympne ...	346	1024.3	-2	E	3	58	35	7	-	4	1	0	2-3	-	1025.3	+6	E	0	bc	60	35	8	-	3	1	0	4-6	-	0	74	55	44	-	Tr	10.3												
	Manston ...	154	1025.1	-2	ESE	1	57	32	7	-	4	0	0	2-3	-	1025.3	+6	E	1	bc	58	32	6	-	2	0	2-3	-	0	74	51	40	-	Tr	10.3													
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.2	+8	N	1	bc	53	32	7	-	-	2	0	2-3	-	0	76	51	42	-	Tr	3.7												
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.4	+8	N	2	bc	58	37	6	-	4	1	0	1	-	0	76	55	53	-	Tr	7.6												
	Gorleston ...	5	1024.5	+2	SW	1	61	35	6	-	4	0	0	4-6	2500	1025.4	+12	SSE	1	bc	62	35	6	-	5	0	2-3	-	0	76	58	56	-	Tr	0.0													
	Mildenhall ...	19	1024.4	-2	SSW	2	56	37	6	-	1	0	0	1	-	1025.8	+16	E	0	bc	56	37	6	-	3	3	Tr	4-6	1500	1	74	50	45	-	Tr	7.5												
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	+2	E	0	bc	58	32	6	-	5	3	0	4-6	-	0	71	52	47	-	Tr	3.7												
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.3	0	SSE	1	bc	57	37	6	-	4	2	0	3	-	1	71	55	46	-	Tr	4.6												
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.2	+4	E	0	bc	53	37	6	-	3	2	0	3	-	1	71	51	42	-	Tr	4.0												
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.8	0	SA	1	bc	54	37	7	-	7	7	0	3	-	1	71	51	45	-	Tr	4.0												
5	Hartland Point ...	299	1024.7	-1	S	3	bc	53	35	8	-	2-3	2-3	4000	1021.3	+2	SSW	3	bc	61	35	8	-	5	-	7-8	7-8	2500	0	2	63	58	55	-	Tr	1.5												
	Bristol ...	209	1024.1	-2	S	3	bc	58	35	7	-	2-3	2-3	*	1024.1	+2	SE	2	bc	58	35	7	-	5	7	8	2-3	7-8	4000	0	71	52	44	-	Tr	3.5												
	Portland Bill ...	32	1023.4	-6	E	2	bc	62	35	8	-	4	0	7-8	-	1023.7	-10	E	2	bc	64	32	8	-	1	-	4-6	4-6	4000	1	2	66	60	*	-	Tr	*											
	Plymouth ...	82	1022.9	-6	ESE	2	bc	60	32	7	-	3	0	2-3	-	1022.6	+6	NNE	2	bc	60	32	3	-	8	7-8	7-8	5700	0	1	66	58	54	-	Tr	2.4												
	The Lizard ...	240	1022.3	-4	SE	3	bc	61	32	8	-	4-6	4-6	2500	1021.6	-8	SE	2	bc	62	32	8	-	4	3	1	2-3	7-8	2500	0	1	67	61	*	Tr	4.0												
	Scilly (St. Mary's) ...	163	1020.8	-4	S	4	bc	63	37	7	-	4-6	7-8	800	1020.6	+2	S	3	bc	63	37	8	-	4	3	1	2-3	7-8	2500	0	3	67	62	*	Tr	2.5												
	Guernsey ...	175	1020.8	-4	S	4	bc	63	37	7	-	4-6	7-8	800	1020.6	+2	S	3	bc	63	37	8	-	4	3	1	2-3	7-8	2500	0	3	67	62	*	Tr	2.5												
6	Pembroke ...	142	1021.3	0	SE	4	bc	62	32	7	-	4-6	7-8	2500	1020.5	-2	SE	4	bc	62	32	7	-	5	2	-	4-6	7-8	2500	1	2	65	61	*	-	Tr	1.8											
7	Holyhead ...	26	1021.6	+2	SE	3	bc	61	35	8	-	7-8	7-8	4000	1020.7	0	SSE	3	bc	62	35	3	-	1	7-8	7-8	5700	1	1	65	59	55	2	-	Tr	0.7												
	Chester (Sealand) ...	16	1022.3	+2	ESE	1	bc	56	32	5	-	2-3	4-6	570	1023.0	+2	SE	3	bc	56	32	6	-	7	-	2-3	7-8	4000	1	*	63	54	50	-	Tr	3.2												
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	+2	E	0	bc	56	37	5	-	5	6	0	3	-	0	63	52	46	-	Tr	2.2												
10	Spurn Head ...	29	1023.3	+2	SW	2	bc	60	35	6	-	0	0	-	1025.1	+4	SW	2	bc	61	32	6	-	4	1	2-3	7-8	570	1	0	73	58	*	-	Tr	4.1												
	Catterick ...	175	1023.2	+2	E	0	bc	51	37	4	-	0	0	-	1023.2	+2	E	0	bc	51	37	4	-	3	2	8	7-8	4000	1	*	70	47	45	-	Tr	2.1												
	Tynemouth ...	108	1022.3	+4	SA	2	bc	53	35	6	-	2-3	2-3	1500	1022.6	0	SSW	2	bc	57	35	5	-	3	2	2-3	4-6	1500	1	1	71	55	51	-	Tr	*												
11	St. Abbs Head ...	280	1020.6	-8	SW	4	bc	60	35	8	-	4-6	7-8	1500	1021.5	+4	SW	2	bc	58	35	3	-	4	3	2	4-6	7-8	1500	0	1	68	56	*	0.1	-	Tr	*										
	Leuchars ...	36	1020.3	-6	SW	1	bc	58	37	8	-	7-8	7-8	2500	1021.1	+4	S	1	bc	53	32	8	-	5	7	-	4-6	7-8	2500	1	*	68	51	49	1	0.3	2.0											
12	Reitnew (Abbots L.) ...	19	1020.8	0	SSE	2	bc	61	32	6	-	10	10	800	1020.7	+6	SSE	2	bc	61	32	7	-	5	7	-	4-6	7-8	2500	1	*	62	56	4	0.1	0.0												
	Eskdalemuir ...	794	1021.6	0	SSW	2	bc	60	35	8	-	7-8	7-8	4000	1021.7	+4	SSE	2	bc	61	37	7	-	8	7	-	2-3	7-8	1500	1	*	62	50	45	2	Tr	0.0											
	Point of Ayre ...	30	1021.6	0	SSW	2	bc	60	35	8	-	7-8	7-8	4000	1021.1	-2	SSE	2	bc	61	37	7	-	8	7	-	2-3	7-8	1500	1	1	61	53	*	11	0.3	0.0											
13A	Tiree ...	22	1018.3	0	*	*	bc	53	37	6	-	4-6	4-6	4000	1018.7	+2	S	3	bc	53	37	5	-	-	10	10	450	1	1	63	53	52	Tr	1	0.4													
13B	Stormway ...	80	1018.3	0	*	*	bc	53	37	6	-	4-6	4-6	4000	1018.7	+2	S	3	bc	53	37	5	-	-	10	10	800	1	2	63	53	52	Tr	1	0.7													
15	Dalwhinnie ...	1176	1018.3	0	*	*	bc	53	37	6	-	4-6	4-6	4000	1018.7	+2	S	3	bc	53	37	5	-	-	10	10	1500	1	*	63	53	54	Tr	1	0.5													



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

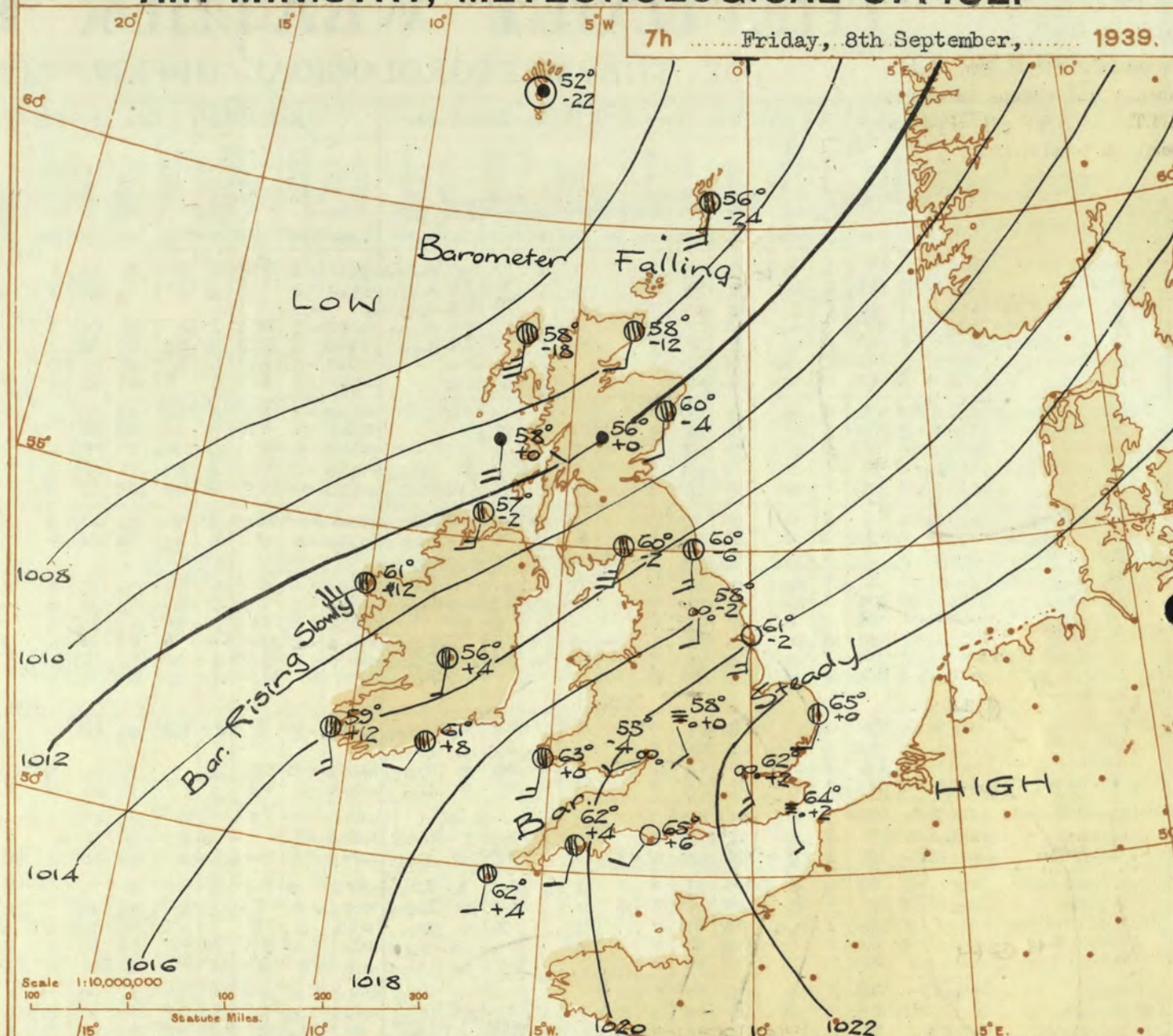
Friday, 8th September, 1939.  
No. 28414.

DISTRICT.	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.		Weather.	Temp. °F.	Humid. %	Visibility 0-6	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.				State of Ground. 0-9	Sea. 0-9	WEATHER.											
				Dir.	Force 0-12					Form.	Amount.	Height of Base (feet)	Form.			Amount.	Height of Base (feet)					Form.	Amount.	Height of Base (feet)	7h.-13h. ..... (37)			13h.-18h. ..... (38)	18h.-7h. 1h. after (39)	1h.-7h. 8h. after (40)									
																															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)								
1	London (Kew)...	1024.4	-1.0	S	2	c	73	55	8	1	4	6	78	4000	1023.1	-4	SW	2	b	72	55	8	-	-	1	0	1	-	0	*	bcyey	cbey	bybw	bfbwms					
	Croydon ...	1024.4	-6	SE	2	c	72	55	8	1	4	2	78	4000	1023.2	-2	-	0	b	72	65	8	-	-	1	0	Tr	-	0	*	bcyey	cybcy	bbm						
	S. Farnborough	1024.0	-12	SE	3	c	75	45	8	1	4	2	78	4000	1022.5	-2	SE	2	b	68	75	8	-	4	8	0	Tr	-	0	*	bcyey	bcy	bbm						
	Boscombe Down	1023.7	-6	SE	2	c	73	65	8	1	4	2	78	4000	1022.9	-8	SE	3	b	67	85	7	-	-	5	0	2-3	-	0	2		bcy	bbm						
	Calshot (Soton.)	1024.2	-4	SE	2	c	71	75	8	1	4	2	78	4000	1023.7	-4	SE	2	b	67	85	6	-	-	1	0	1	-	0	*	bcy	bcy	bbm						
	Lymington	1024.3	-2	SE	2	c	74	65	7	-	-	2	0	4-6	-	1023.7	-2	SE	2	b	67	85	6	-	-	1	0	1	-	0	*	bcy	bcy	bbm					
	Manston	1025.1	-2	SE	2	c	72	65	6	-	-	6	0	4-6	-	1023.7	-2	SE	2	b	67	85	6	-	-	1	0	1	-	0	*	bcy	bcy	bbm					
2	Shoeburyness ...	1024.5	-14	E	3	c	73	75	7	-	-	6	0	4-6	-	1023.8	-2	SE	3	bc	68	97	6	-	4	1	0	2-3	-	0	*	bcy	bcy	bbm	bcy				
	Felixstowe ...	1025.4	-2	SE	3	c	73	65	8	-	2	7	9	-	-	1023.8	-4	SE	3	c	67	85	6	-	5	0	7-8	-	0	2		bcy	bcy	bbm					
	Gorleston	1025.2	0	SE	3	c	69	75	6	-	2	7	9	-	-	1023.6	-4	SE	3	c	67	75	6	-	5	0	7-8	-	0	2		bcy	bcy	bbm					
	Mildenhall	1024.6	-6	S	2	c	73	65	7	-	6	7	9	2500	1022.9	-6	SE	3	bc	71	65	7	-	4	9	0	4-6	-	0	*	bcy	bcy	bbm						
	Cranwell	1023.7	-4	S	3	bc	73	55	8	1	5	8	1	4-6	4000	1022.4	-4	SE	2	bc	67	75	8	-	4	9	0	2-3	-	0	*	bcy	bcy	bbm					
3	Birmingham ...	1023.5	-2	S	3	c	72	55	8	1	9	4	7-8	2500	1021.7	-4	SE	2	c	70	65	9	-	4	9	1	7-8	2500	1	*	bcy	bcy	bbm						
	Upper Heyford	1023.9	-10	SE	3	c	73	55	8	1	4	9	4	7-8	4000	1022.6	-6	S	2	bc	70	65	9	-	4	9	1	7-8	2500	1	*	bcy	bcy	bbm					
4	Ross-on-Wye ...	1022.5	+8	S	3	bc	75	55	8	1	-	9	1	4-6	4000	1022.6	-6	S	2	bc	70	65	9	-	4	9	1	7-8	2500	1	*	bcy	bcy	bbm					
5	Hartland Point	1020.7	-4	S	3	bc	73	65	8	1	9	4	7-8	2500	1020.1	+4	S	2	bc	70	75	8	-	4	9	1	7-8	2500	1	*	bcy	bcy	bbm						
	Bristol ...	1023.1	-8	SE	3	bc	73	55	8	1	9	4	7-8	2500	1022.3	-2	SE	2	bc	70	75	8	-	4	9	1	7-8	2500	1	*	bcy	bcy	bbm						
	Portland Bill	1023.6	+2	SE	2	bc	66	85	8	1	-	9	0	-	-	1022.2	-8	SE	3	b	64	85	8	-	-	0	0	-	0	1	3		bcy	bcy	bbm				
	Plymouth	1022.2	-2	SE	3	b	70	75	7	2	3	-	Tr	Tr	4000	1021.0	-6	SE	4	b	68	85	7	-	-	0	0	-	0	1	3		bcy	bcy	bbm				
	The Lizard	1021.7	+2	SE	3	bc	69	75	8	4	4	-	2-3	1	4-6	4000	1020.9	-4	SE	3	b	66	85	7	-	-	0	0	-	0	1	3		bcy	bcy	bbm			
	Scilly (St. Mary's)	1021.0	+4	SE	4	bc	69	85	8	4	4	-	2-3	1	4-6	4000	1019.1	-8	SE	4	b	67	92	6	-	3	-	0	Tr	-	0	3		bcy	bcy	bbm			
	Guernsey	1021.0	+4	SE	4	bc	69	85	8	4	4	-	2-3	1	4-6	4000	1019.1	-8	SE	4	b	67	92	6	-	3	-	0	Tr	-	0	3		bcy	bcy	bbm			
6	Pembroke ...	1020.9	0	SE	4	c	66	85	7	8	6	-	7-8	7-8	4000	1019.6	-8	S	4	bc	65	86	7	7	4	-	2-3	2-3	2500	0	2		bcy	bcy	bbm				
7	Holyhead	1020.4	-6	SE	3	c	65	85	7	7	7	-	4-6	10	5700	1020.2	-10	SE	2	c	70	75	6	8	7	-	7-8	9	4000	0	*	bcy	bcy	bbm					
	Chester (Sealand)	1020.7	-8	SE	3	c	71	65	6	5	7	-	4-6	9	5700	1020.2	-10	SE	2	c	70	75	6	8	7	-	7-8	9	4000	0	*	bcy	bcy	bbm					
8	Manchester	1022.8	-6	SE	3	c	72	55	7	1	7	-	Tr	9	4000	1020.9	-4	SE	3	c	70	65	7	5	3	9	2-3	7-8	5700	0	*	bcy	bcy	bbm					
10	Spurn Head	1024.1	0	SW	2	bc	76	55	7	-	4	8	0	4-6	-	1022.3	-6	SE	4	c	68	85	6	-	4	2	0	7-8	-	0	2		bcy	bcy	bbm				
	Catterick	1022.0	-10	S	2	bc	72	65	5	-	7	7	7-8	9	2500	1020.5	-8	SE	0	c	68	75	6	5	3	-	4-6	7-8	1500	1	1	*	bcy	bcy	bbm				
	Tynemouth	1021.8	-4	S	2	bc	69	65	6	8	-	7	7-8	9	1500	1020.5	-4	W	2	c	66	75	6	8	-	-	9	9	1500	1	1	*	bcy	bcy	bbm				
11	St. Abbs Head...	1021.1	-6	SE	2	c	67	75	8	7	3	9	4-6	9	2500	1018.9	0	SW	2	c	61	75	8	8	2	-	7-8	10	1500	1	1	*	bcy	bcy	bbm				
	Leuchars	1020.9	-2	S	2	c	67	75	7	5	7	-	4-6	9	2500	1019.2	-4	S	2	c	63	85	7	5	2	-	7-8	10	1500	1	1	*	bcy	bcy	bbm				
12	Renfrew (Abbots I.)	1020.2	-6	SW	3	c	65	85	6	2	-	9	10	450	1018.6	-10	SE	1	c	60	92	5	5	2	-	7-8	10	1500	1	1	*	bcy	bcy	bbm					
	Eska Dalemuir	1021.0	-2	S	3	c	62	85	7	6	2	-	4-6	10	1500	1020.1	-10	SW	3	c	58	92	6	6	2	-	7-8	10	800	1	1	*	bcy	bcy	bbm				
	Point of Ayre	1021.1	-2	SW	3	c	61	97	6	6	1	-	4-6	10	1500	1019.4	-8	W	3	c	62	92	8	8	7	-	4-6	10	1500	1	1	*	bcy	bcy	bbm				
13A	Tiree ...	1016.6	-4	SE	3	c	60	97	5	5	-	-	10	10	450	1013.9	-14	SE	4	c	59	92	7	5	1	-	7-8	10	1500	0	3		bcy	bcy	bbm				
13B	Stornoway	1017.7	-6	SE	1	c	60	92	6	8	7	-	7-8	9	1500	1016.2	-20	S	3	c	57	92	6	4	2	-	4-6	10	2500	1	1	*	bcy	bcy	bbm				
15	Dalwhinnie	1019.6	-2	S	5	c	62	85	7	4	7	-	4-6	10	2500	1018.4	-10	S	3	c	60	85	6	5	7	-	2-3	10	5700	0	1	*	bcy	bcy	bbm				
	Aberdeen	1020.3	-2	S	3	c	65	85	6	5	1	-	4-6	10	4000	1018.4	-10	S	3	c	62	85	6	5	7	-	2-3	10	5700	0	1	*	bcy	bcy	bbm				
	Wick	1019.0	+2	S	2	c	62	85	7	5	7	2	4-6	9	2500	1016.4	-10	S	3	c	60	92	7	5	7	-	2-3	10	2500	0	1	*	bcy	bcy	bbm				
16	Lerwick	1019.6	-2	SW	3	c	57	97	1	-	-	-	10	10	1500	1018.3	-6	SW	2	c	56	97	1	-	-	-	10	10	1500	0	1	*	bcy	bcy	bbm				
17	Blacksod Point...	1015.9	-10	S	3	c	63	75	8	-	6	-	0	10	-	1013.7	-10	S	3	c	62	85	8	5	-	-	10	10	800	0	2		bcy	bcy	bbm				
18	Malin Head	1016.8	-8	S	1	c	66	85	8	2	8	4	2-3	7-8																									



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Friday, 8th September, ..... 1939.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th September, 1939.

1 S.E. England	Wind southerly, light or moderate, fine apart from morning mist; warm.
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	Wind south, moderate or fresh, cloudy, occasional rain; warm.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

A large anticyclone covers most of Europe and extends over the North Sea to England. Secondary depressions are moving north northeast along our western seaboard. The weather will remain fine over England but unsettled in Ireland and most of Scotland.

### FURTHER OUTLOOK.

Little change.

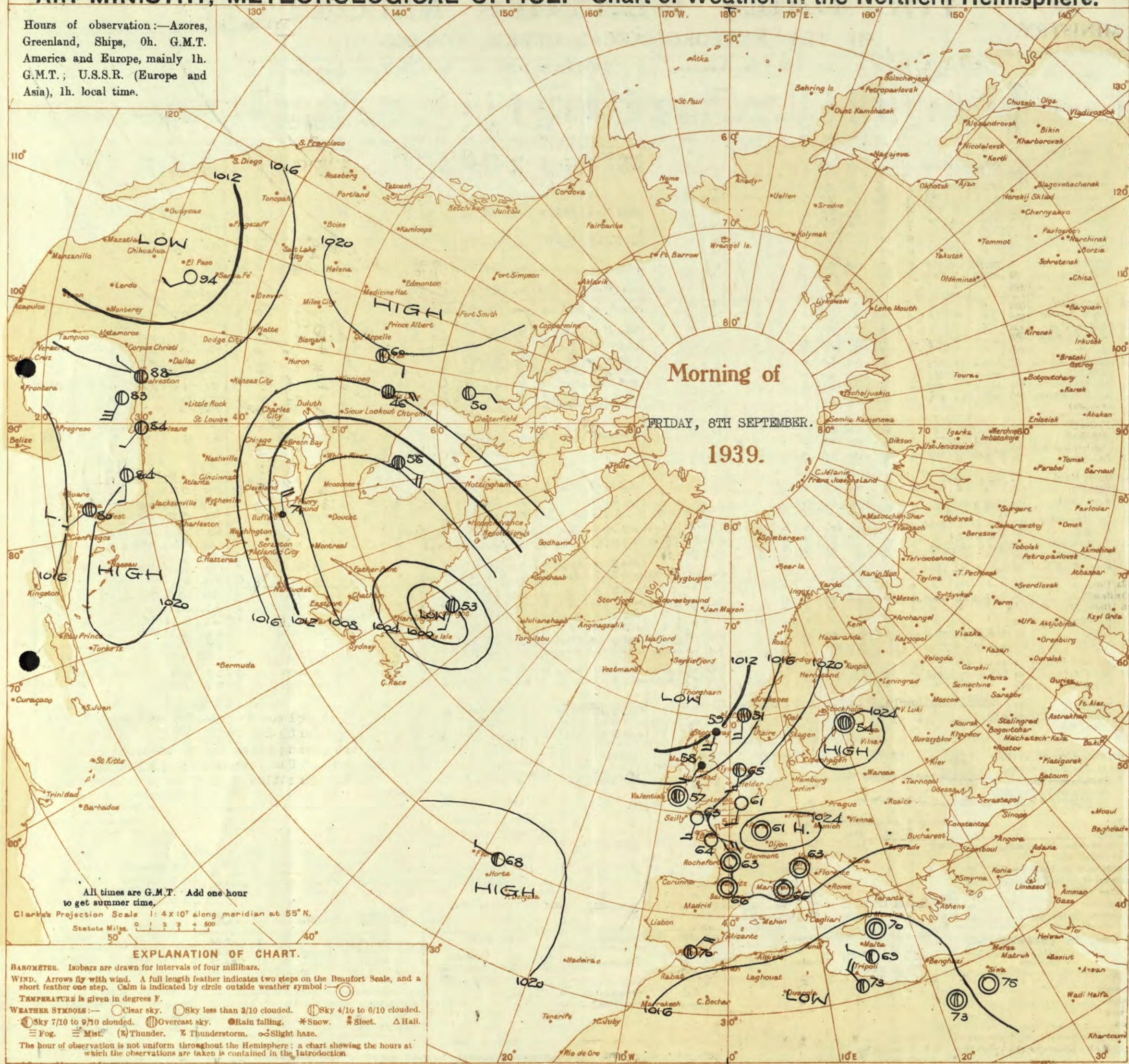
Forecasts issued at 1000 G.M.T.

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



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

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





AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 8th September, 1939.  
No. 28414.

OBSERVATIONS at 1 hr. G.M.T. 8th September														OBSERVATIONS at 7 hr. G.M.T. 8th September														PAST 24 HOURS.																		
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours.	Wind.	Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.					RAINFALL.					SUNSHINE Hrs.
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	Sea.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.								Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	Total 24 Hrs.							
																																								(9)	(10)	(11)	(12)	(13)	(14)	
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1021.3	+4	0	2	58	32	5	-	-	-	0	0	-	0	*	76	55	40	-	Tr	11.7												
	Croydon ...	217	1023.1	-6	SSE	2	2	61	32	5	-	-	-	1023.0	+2	SSE	3	62	37	5	-	-	-	0	0	-	1	*	78	59	57	-	Tr	11.7												
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*										
	Boscombe Down ...	417	1021.7	-10	SE	2	2	60	37	5	-	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*											
	Calshot (Stmtn.) ...	8	1021.0	-12	ESE	2	2	62	37	6	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
	Lympne ...	346	1023.1	-8	ESE	2	2	60	37	6	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
	Manston ...	154	1022.9	-8	SE	2	2	64	37	6	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1022.4	+2	S'W	1	60	37	4	-	-	-	0	0	-	0	*	74	58	50	-	-	10.1												
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1022.1	0	S'W	2	65	32	5	5	-	-	4-6	4-6	2500	0	2	70	64	62	-	-	9.9												
	Gorleston ...	5	1023.3	-4	SSE	3	3	64	35	6	-	-	-	1	0	0	Tr	-	-	-	-	-	-	0	0	-	0	*	71	52	45	-	-	10.6												
	Mildenhall ...	19	1022.2	-10	SE	2	2	57	37	5	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1020.5	-6	S	2	58	32	4	-	-	-	0	0	-	0	*	71	52	45	-	-	10.6												
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1020.7	0	SSE	2	58	32	4	-	-	-	0	0	-	0	*	75	55	44	-	-	7.0												
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1020.4	-4	WSW	1	60	37	5	-	-	-	0	0	-	1	*	75	52	45	-	-	8.6												
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1020.4	-4	WSW	1	60	37	5	-	-	-	0	0	-	1	*	75	52	45	-	-	8.6												
5	Hartland Point ...	299	1015.0	-8	SSE	4	4	61	35	8	-	-	-	1018.7	+2	S	3	61	37	7	-	-	-	0	0	-	0	2	74	59	57	-	-	9.2												
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1020.4	-2	S	2	63	35	6	-	-	-	0	0	-	0	2	75	54	45	-	-	10.1												
	Portland Bill ...	32	1021.3	-8	E	2	2	63	35	7	-	-	-	1021.4	+6	S	2	63	35	6	-	-	-	0	0	-	1	2	67	60	55	-	-	8.9												
	Plymouth ...	82	1019.8	-10	SSE	3	3	65	35	7	-	-	-	1019.2	-8	SSE	2	61	37	6	-	-	-	0	0	-	1	0	71	60	55	-	-	11.1												
	The Lizard ...	240	1019.8	-10	SSE	3	3	63	32	8	-	-	-	1019.2	-8	SSE	2	62	37	6	-	-	-	0	0	-	0	1	70	60	55	-	-	11.1												
	Scilly (St. Mary's) ...	163	1018.0	-4	S'W	3	3	63	37	7	-	-	-	1018.6	+4	SSE	2	62	37	6	5	-	-	9+	9	1500	0	2	69	61	*	-	-	11.1												
	Guernsey ...	175	*	*	*	*	*	*	*	*	*	*	*	1018.4	0	S'W	3	63	37	7	8	-	-	7-8	7-8	1500	1	2	67	61	*	-	-	3.5												
6	Pembroke ...	142	1018.3	0	SE	5	5	63	32	7	-	-	-	1018.4	0	S'W	3	63	37	7	8	-	-	7-8	7-8	1500	1	2	67	61	*	-	-	3.5												
7	Holyhead ...	26	1017.8	-8	SE	5	5	64	35	6	-	-	-	1017.8	-2	S	2	60	35	5	5	-	-	4-6	4-6	1500	1	1	72	58	48	-	-	2.7												
	Chester (Sealand) ...	16	1019.6	-6	SE	2	2	60	35	6	-	-	-	1017.5	-6	S	3	60	35	5	5	-	-	4-6	4-6	1500	1	1	72	58	48	-	-	2.7												
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1017.5	-6	S	3	60	35	5	5	-	-	4-6	4-6	1500	1	1	72	58	48	-	-	2.7												
10	Spurn Head ...	29	1021.0	-8	S'W	4	4	61	32	6	-	-	-	1020.5	-2	S'W	3	61	32	5	-	-	-	0	0	-	1	2	77	59	*	-	Tr	3.7												
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1017.8	-2	S	2	60	35	5	5	-	-	4-6	4-6	1500	1	1	72	58	48	-	-	2.7												
	Tynemouth ...	108	1018.3	-10	S	3	3	65	35	6	5	-	-	1017.5	-6	S	3	60	35	5	5	-	-	4-6	4-6	1500	1	1	72	58	48	-	-	2.7												
11	St. Abbs Head ...	280	1016.0	-14	SSE	2	2	61	35	8	3	2	4-6	1013.3	-26	S'W	6	62	35	8	5	6	-	7-8	7-8	2500	0	3	68	58	*	Tr	1	*												
	Leuchars ...	36	1015.4	-30	S	1	1	53	37	7	3	-	4-6	1013.0	+2	S'W	3	62	35	7	5	3	-	2-3	2-3	800	1	*	68	57	53	0.5	4	0.0												
12	Renfrew (Abbots L.) ...	19	1014.8	-22	ESE	2	2	61	32	6	5	7	-	1014.8	-2	SSE	5	60	35	7	5	2	-	7-8	7-8	800	1	*	65	61	52	3	0	0.1												
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1015.9	0	S'W	4	63	32	7	5	7	-	2-3	2-3	1500	1	2	63	60	*	9	-	0.0												
	Point of Ayre ...	30	1016.2	-20	SSE	5	5	63	35	7	5	-	4-6	1015.9	0	S'W	4	63	32	7	5	7	-	2-3	2-3	1500	1	2	63	60	*	9	-	0.0												
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1010.8	0	S	4	58	37	7	8	-	-	7-8	7-8	1500	1	3	59	55	52	0.5	10	0.0												
13B	Stornoway ...	80	1012.3	-8	SSE	4	4	58	37	6	5	2	-	1010.2	-18	S	3	58	35	5	8	7	-	2-3	2-3	1500	1	2	63	56	*	5	3	0.8												
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1012.5	0	S'W	2	56	37	6	5	2	-	4-6	4-6	800	1	*	62	53	52	0.5	6	0.2												
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1012.3	-4	S	2	56	35	6	6	7	-	4-6	4-6	800	1	1	66	57	55	Tr	3	1.8												
	Wick ...	81	1012.8	-24	SSE	3	3	57	37	7	8	2	-	1009.2	-12	SSE	2	58	35	7	5	7	8	4-6	4-6	1500	1	1	64	56	*	-	9	0.0												
16	Lerwick ...	156	1014.9	-12	S'W	4	4	57	37	7	8	2	-	1003.8	-24	S'W	5	56	37	7	5	2	-	4-6	4-6	800	1	*	59	55	*	-	7	0.0												
17	Backsod Point ...	18	1012.2	-8	S	4	4	61	32	7	3	-	7-8	1012.8	+12	S'W	5	61	35	7	3	5	-	2-3	2-3	450	0	3	65	58	*	-	0.4	*												
18	Malin Head ...	84	1013.3	-2	SSE	2	2	58	37	6	5	2	-	1012.8	-2	SSE	3	57	35	8	3	8	-	2-3	2-3	1500	0	2	67	54	*	1	15	0.5												
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	1012.8	-2	SSE	3	57	35	8	3	8																								

LONDON OBSERVATIONS														EXPLANATION OF FIGURES, LETTERS, etc.																					
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall are 9h—18h.														Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun-shine.		Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.				COLUMNS 8, 22—Code for surface visibility.  Objects not visible at 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.			
Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	Sun-shine to Sunset hrs.	15h. G.M.T. %	9h. G.M.T. %	24 hrs. ended 7h. G.M.T. 21h.	SOUTH KENSINGTON.			MAX. Time. Min. Time.																				
24 hrs. ended 9h.			°F.	°F.		mm.	mm.	Yesterday.	To-day.	Kew Observatory.		Max. Time. Min. Time.			Beaufort No. Statute m/h. Beaufort No. Statute m/h. Beaufort No. Statute m/h.																				
Kew... .. 18 Croydon... .. 217 Greenwich (Royal Observatory)... 149 City (Sunhill Row) ... .. 14 Westminster (St. James' Park) ... 27 Roholts Pk. (Botanic Gardens)... 168 Camden Square ... .. 110 Kensington ... .. 80 Hamptstead Observatory ... .. 450															bc bc bc	cb bc bc	by by bm	76 78 79 79 79 76	55 55 58 60 58 60	46 57 45 54 51 58	- - Tr - - -	Tr - Tr - - -	11.7 11.7 11.7 * * *	. . .42 * .83 43	. .72 73 * 74 74	3 6 * * * *	COLUMNS 4, 16. 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.  COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.								
FOREIGN OBSERVATIONS.														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.																					
STATIONS.																																			
PARIS ... .. 1022.6																																			
BRUSSELS ... ..																																			
MORLIN ... ..																																			
ZURICH ... ..																																			
ROME ... ..																																			
TERMS OF SUBSCRIPTION. (Single Copies, 1d. each: by post 1½d. 2/6 per month; 6/6 per quarter; 25/- per year.														METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2																					
														N. K. JOHNSON, D.Sc., A.R.C.S., Director.																					



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.  (For heights see p. 4.)	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.	Humid.	Visibility	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.				State of Ground. 0-9	Sen. 0-9	WEATHER.												
				Dir.	Force					Form	Amount	Height of Base (feet)	Form			Amount	Height of Base (feet)					Sen.	7h.-13h. 8th	13h.-18h. 8th	18h. to 1h. 9th			1h.-7h. 9th												
																													Low	Med.	High	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)	(37)	(38)	(39)	(40)							
1	London (Kew)...	1020.7	-10	SSW	2	bc	74	75	7	4	-	-	4.6	1019.3	-4	SW	2	b	73	75	7	-	-	-	0	0	-	0	*	bmbc	bc	bwf	bfofe							
	Croydon ...	1020.8	-16	SSW	2	bc	78	65	7	1	-	-	4.6	1019.6	-2	SW	2	b	74	75	7	-	-	-	0	0	-	0	*	bmbc	bc	bzb	bfofe							
	S. Farnborough	1020.7	-6	SSW	3	20	79	65	6	1	-	-	4.6	1019.3	-6	SSW	2	b	72	75	7	-	-	-	0	0	-	0	*	bmbc	bc	bzb	bfofe							
	Boscombe Down	1020.5	-4	S'W	3	20	76	65	7	1	-	-	2.3	1019.1	-4	S	3	20	70	75	6	-	-	-	0	0	-	0	*	Fubmbc	bc	bm	bfofe							
	Calshot (Soton.)	1021.0	-2	ESE	3	20	75	85	6	1	-	-	2.3	1019.7	-6	SW	1	20	72	75	6	-	-	-	0	0	-	0	*	bmbm	bm	bm	bfofe							
	Lympe ...	1021.6	-8	SE	2	20	74	65	6	-	-	-	0	1020.0	-2	SSW	1	b	71	75	7	-	-	-	0	0	-	0	*	bmbz	bm	bm	bfofe							
	Manston ...	1021.2	-10	SE	2	bc	77	65	7	5	-	-	2.3	1019.7	-4	SSE	2	b	70	65	7	-	-	5	0	1	-	0	*	bmbz	bm	bm	bfofe							
2	Shoeburyness ...	1021.0	-20	ESE	2	b	70	70	6	1	-	-	Tr	1019.3	-6	ESE	3	b	73	92	6	-	3	-	0	1	-	0	*	bmbm	bm	bm	bmbm							
	Felixstowe ...	1021.3	-10	SSE	3	20	75	75	5	1	-	-	Tr	1019.2	-8	S'E	3	20	70	85	5	-	-	-	0	0	-	0	2	bmbm	bm	bm	bmbm							
	Gorleston ...	1020.7	-8	SE	4	bc	71	85	6	1	-	-	0	1019.4	-8	SSE	3	bc	66	92	5	5	-	-	4.6	4.6	1500	0	2	bcz	bm	bm	bz							
	Mildenhall ...	1020.1	-2	SW	3	20	79	55	6	1	-	-	2.3	1018.5	-6	SW	1	20	74	75	6	4	3	1	Tr	2.3	4000	0	*	bmbm	bm	bm	bz							
	Cranwell ...	1019.2	-10	S'W	4	bc	78	65	7	1	-	-	2.3	1017.6	-6	SSW	2	20	71	85	6	4	3	-	1	1	4000	0	*	bmbz	bm	bm	bz							
3	Birmingham ...	1019.2	-2	SSW	3	bc	75	55	8	1	-	-	4.6	1018.0	-2	SSW	2	b	75	55	8	1	-	-	Tr	Tr	2500	0	*	mbbc	bc	bm	bfb							
	Upper Heyford	1020.0	-10	S	3	bc	78	65	7	1	-	-	4.6	1019.0	-4	S'W	2	20	73	75	6	-	-	-	0	0	-	0	*	bmbz	bc	bm	bfb							
4	Ross-on-Wye ...	1019.1	-6	SSW	4	bc	76	65	7	1	-	-	2.3	1018.0	-6	SSW	2	20	74	75	6	1	-	-	1	1	4000	0	*	bz	bc	bm	bfb							
5	Hartland Point	1019.7	+6	SSW	3	bc	68	85	7	4	-	-	2.3	1018.9	-4	NE	1	bc	64	97	7	4	-	-	2.3	2.3	2500	0	1	bbc	bc	bcb	bcb							
	Bristol ...	1020.0	-2	SSW	3	bc	77	65	8	1	-	-	4.6	1018.6	-2	S	2	bc	72	75	7	5	5	-	Tr	2.3	4000	0	1	bmbc	bc	bcb	bcb							
	Portland Bill ...	1021.7	+8	E	1	b	68	85	7	-	-	-	0	1019.6	-14	E	1	b	64	85	7	-	-	-	0	0	-	0	1	b	bc	bc	bc							
	Plymouth ...	1020.1	0	S'W	1	b	72	75	7	-	-	-	0	1019.2	-4	SSW	1	b	67	97	7	-	-	-	0	0	-	0	1	bmb	b	bcb	bcb							
	The Lizard ...	1019.8	+4	SW	2	b	71	75	6	-	-	-	0	1019.6	-4	-	0	bc	67	92	4	8	-	-	2.3	2.3	2500	0	1	b	bcb	bcb	bcb							
	Scilly (St. Mary's)	1019.6	+2	SW	2	bc	69	85	7	2	4	-	2.3	1019.4	-2	WNW	1	bc	68	85	7	4	4	-	2.3	4.6	2500	0	1	bcb	bcb	bcb	bcb							
6	Pembroke ...	1018.6	+2	SSW	3	bc	67	92	7	5	4	-	1	1019.5	-6	NW	2	c	64	92	7	8	-	-	7.8	9.4	1500	0	2	bcb	bcb	cb	cb							
7	Holyhead ...	1018.4	-6	SW	2	bc	79	45	8	1	7	-	1	1018.6	0	S'W	1	c	61	97	6	5	-	-	9.4	9.4	4000	0	1	bcb	bcb	cb	cb							
8	Chester (Sealand)	1018.4	-6	SW	2	bc	79	45	8	1	7	-	1	1018.6	0	WNW	3	c	67	85	7	7	2	-	2.3	7.8	4000	0	*	bmbc	bc	cb	cb							
8	Manchester ...	1018.3	-6	SW	3	bc	76	55	7	1	3	2	1	1018.3	+8	WNW	2	c	66	92	7	-	3	6	0	9	-	0	*	bmbc	bc	cb	cb							
10	Spurn Head ...	1018.9	-10	SSW	4	b	79	55	6	-	8	-	0	1017.2	-8	SW	2	bc	73	75	6	-	8	2	0	4.6	-	0	1	bcb	bcb	cb	cb							
	Catterick ...	1016.5	-10	SW	4	c	76	55	7	-	5	9	0	1016.1	-8	SW	3	c	67	7	4	7	-	1	9	1500	0	1	bcb	bcb	cb	cb								
	Tynemouth ...	1016.6	+2	SW	4	c	72	85	6	2	3	1	4.6	1016.8	+6	W	3	c	63	85	8	-	-	-	7.8	7.8	1500	0	1	bcb	bcb	cb	cb							
11	St. Abbs Head...	1014.8	+4	SW	5	c	65	85	8	8	2	-	4.6	1014.6	+6	SW	3	c	63	75	9	8	6	-	4.6	7.8	2500	0	2	c	bcb	bcb	bcb							
	Leuchars ...	1015.4	+14	SW	3	bc	66	75	8	2	4	-	2.3	1014.0	+2	SW	3	bc	61	75	9	4	4	-	2.3	2.3	4000	0	1	c	bcb	bcb	bcb							
12	Renfrew (Abbotsl.)	1015.4	+14	SW	3	bc	66	75	8	2	4	-	2.3	1015.9	+6	SW	2	c	62	75	8	7	3	-	4.6	7.8	2500	0	1	c	bcb	bcb	bcb							
	Eskdalemuir ...	1016.1	+4	SW	4	cd	59	92	6	6	-	-	10	1016.0	+2	SW	3	pr	60	85	7	6	-	-	9	9	800	0	1	c	bcb	bcb	bcb							
	Point of Ayre ...	1017.5	+14	SW	3	c	63	85	8	8	7	-	1	1017.4	0	W'S	4	bc	64	85	8	-	7	-	0	2.3	-	0	2	c	bcb	bcb	bcb							
13A	Tiree ...	1012.3	+6	SW	5	bc	62	75	8	8	3	-	4.6	1013.5	+4	SW	5	c	60	75	8	8	-	-	9	9	1500	0	4	c	bcb	bcb	bcb							
13B	Stornoway ...	1009.5	0	SW	6	c/pr	59	75	7	8	-	-	7.8	1009.7	+2	SW	5	PR	59	75	7	8	7	-	7.8	9.4	4000	0	3	c	bcb	bcb	bcb							
15	Dalwhinnie ...	1013.2	+4	SW	5	c	58	85	7	4	2	-	4.6	1013.2	+2	SW	4	bc	56	65	8	4	6	-	2.3	4.6	4000	0	*	cir	cir	cir	cir							
	Aberdeen ...	1012.4	0	SW	4	c	59	65	8	7	7	-	4.6	1012.2	+2	SW	2	bc	65	75	8	4	-	-	4.6	4.6	2500	0	1	c	bcb	bcb	bcb							
	Wick ...	1009.5	+6	SW	5	c	57	97	7	5	2	-	7.8	1009.5	+4	SW	5	c	61	65	8	8	7	-	4.6	7.8	1500	0	1	c	bcb	bcb	bcb							
16	Lerwick...	1008.5	+6	SW	5	c	57	97	7	5	2	-	7.8	1006.1	-12	SW	5	c	57	85	8	5	7	-	4.6	7.8	1500	0	1	c	bcb	bcb	bcb							
17	Blackod Point...	1016.0	+16	W	3	bc	69	75	8	3	3	-	2.3	1018.5	+8	W'S	3	bc	62	65	8	2	6	-	2.3	4.6	1500	0	3	bc	bcb	bcb	bcb							
18	Malin Head ...	1015.2	+12	W	5	bc	63	85	8	2	-	2	2.3	1016.1	+8	W	5	bc	61	75	8	5	9	-	2.3	4.6	5700	0	3	c	bcb	bcb	bcb							
	Aldergrove ...	1016.3	+2	SW	3	bc	67	75	8	1	7	1	2.3	1017.2	+10	W'N	4	bc	64	75	8	8	-	-	2.3	2.3	2500	0	1	c	bcb	bcb	bcb							
19	Birr Castle ...	1017.6	+6	SSW	2	c	67	75	8	8	3	-	7.8	1018.6	+6	SSW	3	c	66	75	8	2	8	-	1.6	7.8	1500	0	1	c	bcb	bcb	bcb							
20	Valentia Obsy.†	1019.6	+12	SW	3	bc	65	85	8	2	-	-	4.6	1020.2	+4	SW	3	bc	63	85	8	2	-	-	2.3	2.3	1500	0	1	c	bcb	bcb	bcb							
	Roches Point ...	1018.9	+8	SW	3	c	65	85	9	8	1	-	4.6	1018.7	-2	SSW	3	bc	64	92	9	5	-	-	2.3	4.6	2500	0	1	c	bcb	bcb	bcb							

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

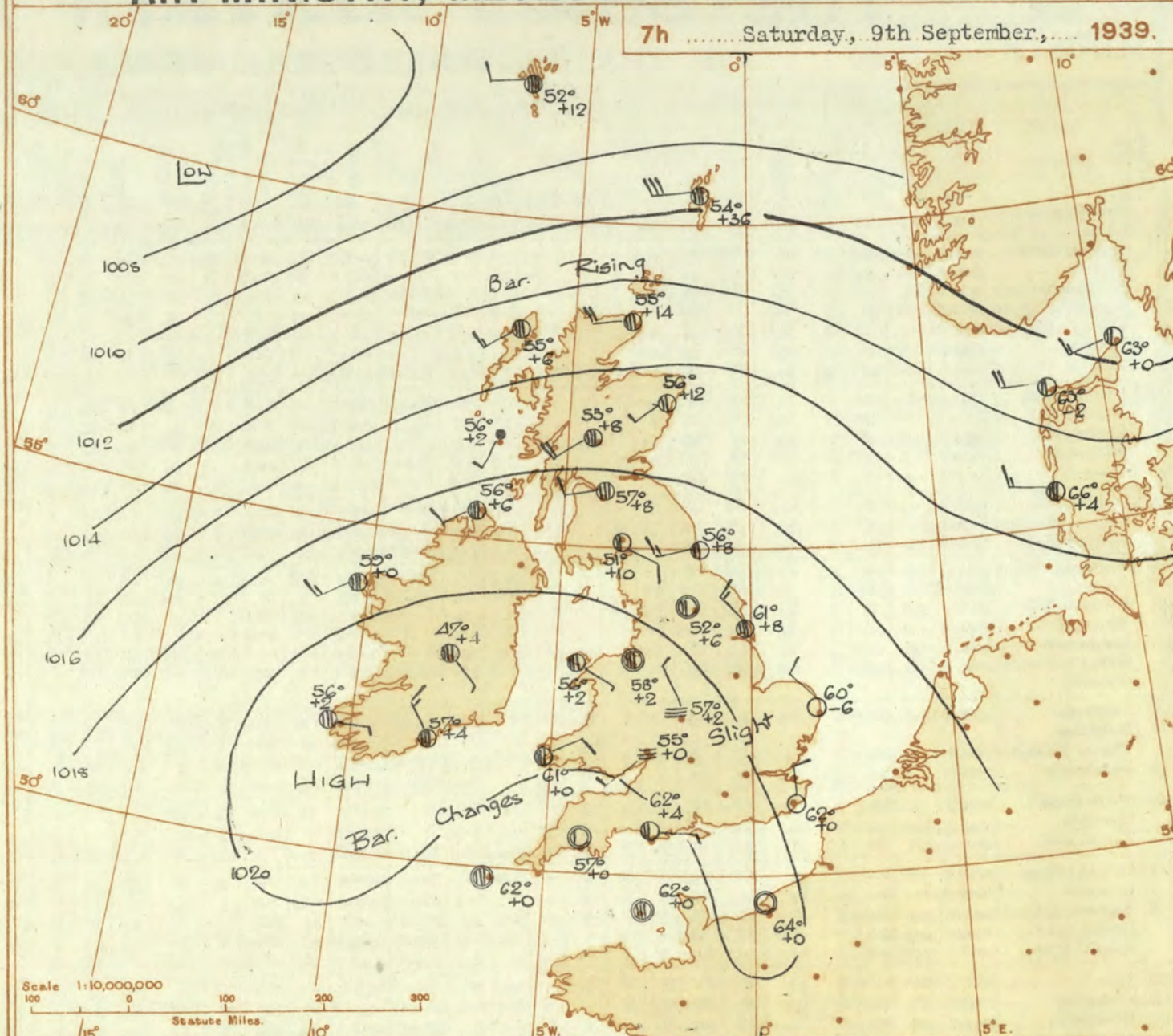
COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION  
AND SYMBOLS FOR WEATHER.

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



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday, 9th September, 1939.



## DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th September, 1939.

1 S.E. England	Wind light westerly or variable. Fine apart from mist or fog at night; warm.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	Wind west to southwest, moderate, freshening to-morrow. Mainly bright to-day, but a few scattered showers. Rain spreading from the west to-morrow. Rather warm.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Wind light variable; rather warm.
20 S. W. Ireland	

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

SEA DISTURBANCE. Rough. High.

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

## GENERAL INFERENCE.

A ridge of high pressure covers the British Isles and apart from fog or mist inland at night and a few scattered showers near the northwest coasts to-day will be fine and rather warm. To-morrow more unsettled conditions will approach from the west.

## FURTHER OUTLOOK.

Unsettled in the North. Fair over most of England.

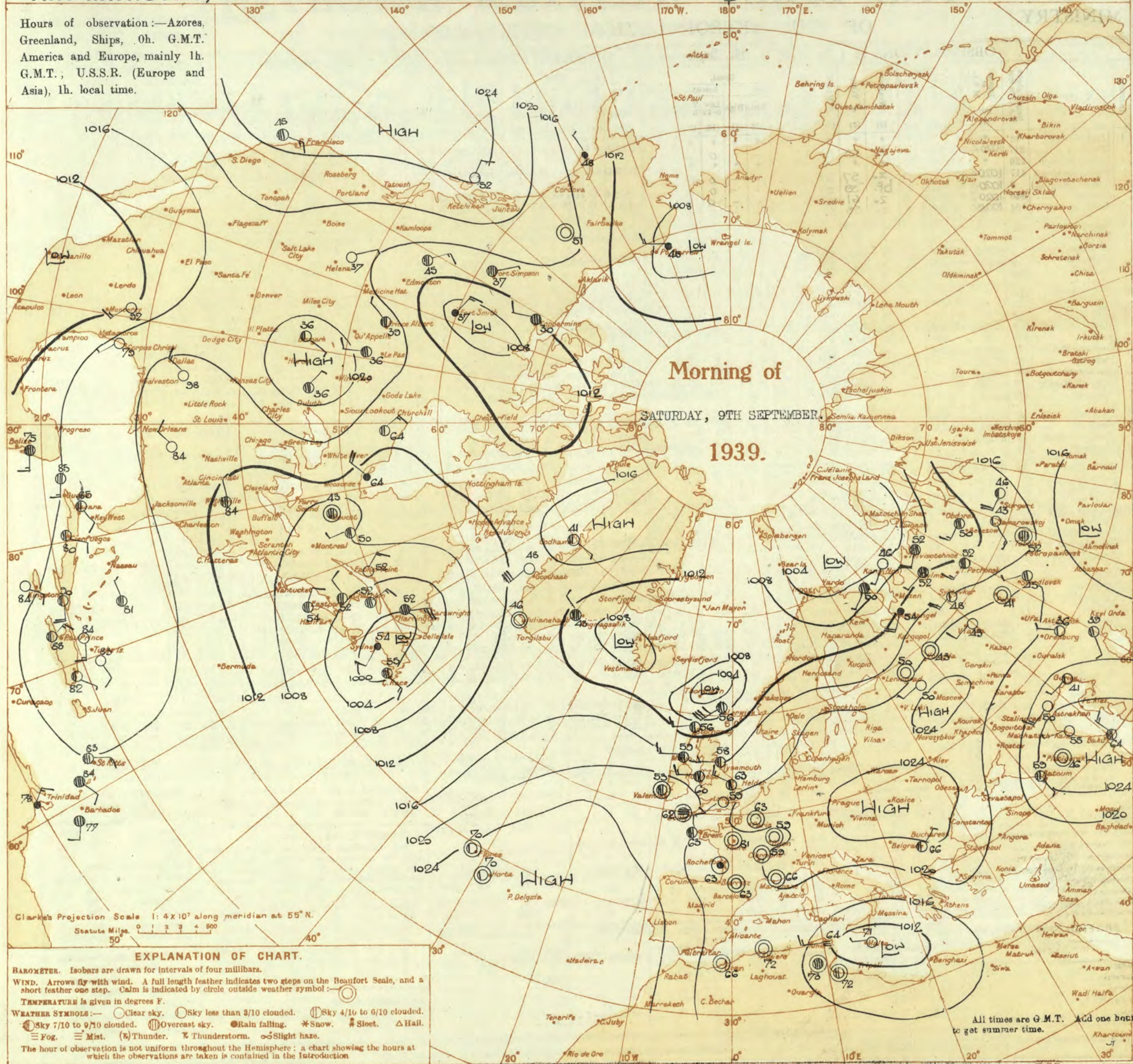
Forecasts issued at

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



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

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



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

Statute Miles. 0 1 2 3 4 500

## EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.

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

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS:** ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail. ☼ Fog. ☼ Mist. (☼) Thunder. ☼ Thunderstorm. ☼ Slight haze.

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

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



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 9th September, 1939.

No. 28415.

[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.																									
Height above M.S.L. in feet.	Weather.			Temperature.			Rainfall.		Sun- shine. to Sunset. hrs.	Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.						COLUMNS 8, 22 — Code for surface visibility.  Objects not visible at 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 2¼ " 6 Moderate 6¼ " 7 Good 12½ " 8 Very good 31 " 9 Excellent beyond 31m.						
	Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.		% G.M.T.	% G.M.T.														
	24 hrs. ended 9h.			°F.	°F.		mm.	mm.		Yesterday.	To-day.														
Kew...	18	bm.bc	bcb	bwfofe	78	56	47	—	7	10·5	.	.	2	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	bmob	*	bz.bm	80	*	*	—	*	*	.	.	*							COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0·1 mm.					
GREENWICH (Royal Observatory)...	149	by	by	bwm	82	56	44	—	7	10·5	56	81	4												
CITY (Bunhill Row) ...	—	.	.	.	.	.	.	.	.	.	.	.	.												
WESTMINSTER (St. James' Park) ...	27	.	.	.	79	59	53	—	—	9·8	59	86	.	COLUMN 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.											
REGENTS PK. (Botanic Gardens)†...	168	.	.	.	.	.	.	.	.	.	.	.	.												
CAMDEN SQUARE ...	110	b	bc	.	81	59	53	—	—	*	.	85	.												
KENSINGTON ...	80	bm	bc	.	81	58	48	—	—	*	At 18h	83	.												
HAMPSTEAD OBSERVATORY ...	450	b	b	bm	79	63	60	—	—	*	2	87	.												
FOREIGN OBSERVATIONS.													18h. G.M.T.... 8th September.....												
													7h. G.M.T.... 9th 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 ...	1013·1	SSE	2	Z.	79						84														
BRUSSELS ...																									
BERLIN ...																									
ZÜRICH ...																									
ROME ...																									

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2/6 per month; 5/6 per quarter; 25/- per year.

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

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

† 1 hr. observations are from Valencia W/T Station.

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

§ Sea disturbance reported from Dungeness.



# THE DAILY WEATHER REPORT

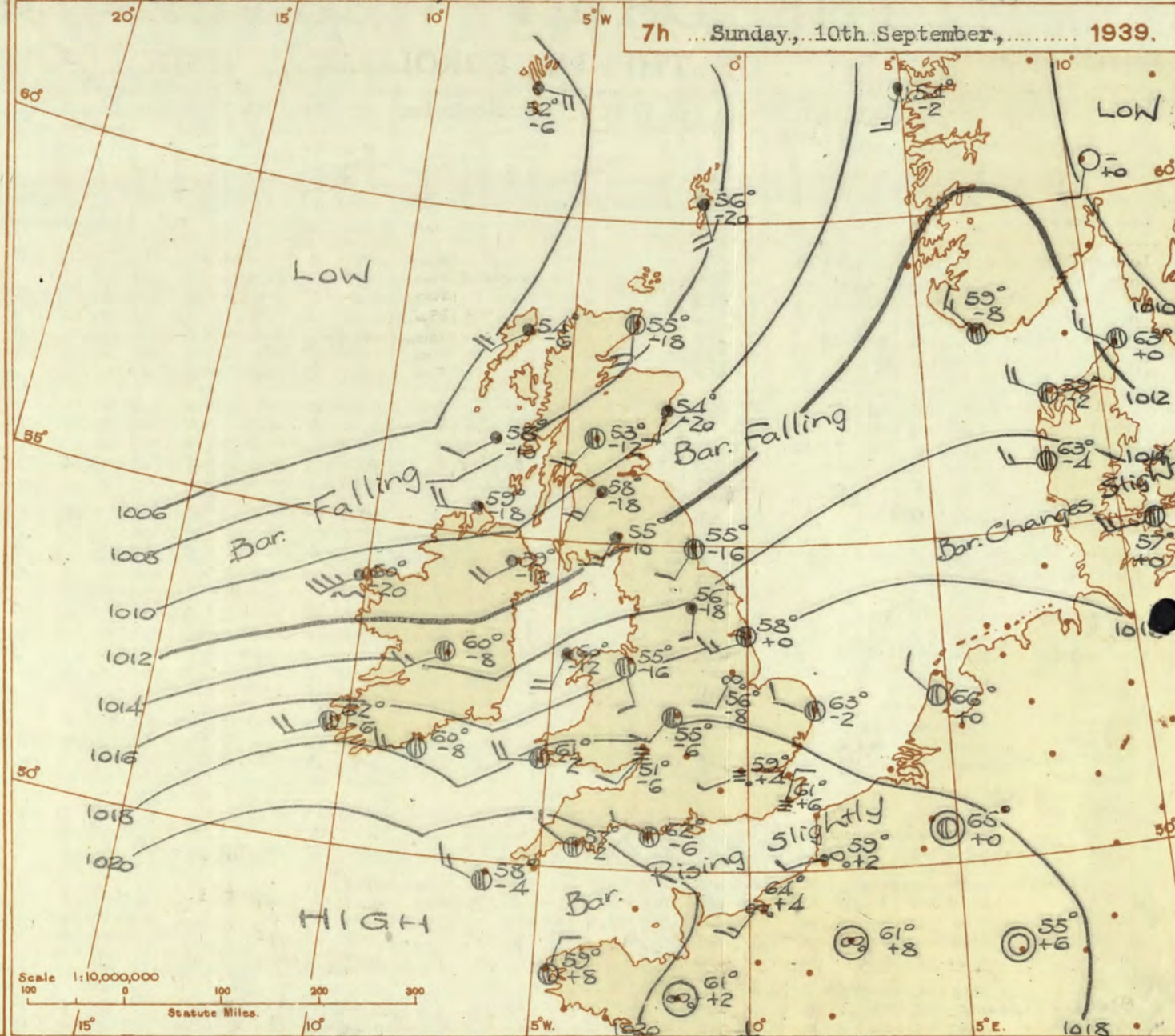
OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.  (For heights see p. 4.)	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. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.								
				Dirce.	Force 0-12					Form.	Amount.	Height of Base (feet)	Dirce.	Force 0-12			Form.	Amount.					Height of Base (feet)	7h.-13h. ...9th...	13h.-18h. ...9th...	18h. 24h. 1st 10th	1h.-7h. ...10th...											
																														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)	(37)	(38)	(39)	(40)					
1	London (Kew)...	1019.2	-8	SWW	2	bc	71	75	7	1	-	6	4-6	4-6	4000	1018.4	0	-	0	bc	73	65	7	4	7	-	2-3	2-3	4000	0	*	sc	bc	bc	bc	bc		
	Croydon ...	1019.7	-6	-	0	bc	77	65	6	2	-	-	4-6	4-6	4000	1018.2	-2	NNW	1	0	bc	73	65	7	8	3	9	0	1	4000	0	*	bc	bc	bc	bc		
	S. Farnborough	1020.1	-4	WNW	2	bc	75	65	6	1	-	1	4-6	4-6	4000	1018.1	-2	NNW	1	0	bc	73	65	7	8	-	9	7-8	7-8	4000	*	*	bc	bc	bc			
	Boscombe Down	1019.2	-10	W	1	bc	74	65	6	7	3	-	4-6	7-8	2500	1018.2	-2	-	0	bc	69	75	6	2	-	1	1	2-3	2500	0	*	bc	bc	bc	bc			
	Calshot (Soton.)	1019.6	-6	SSW	2	bc	75	75	6	1	-	1	4-6	7-8	4000	1018.5	-2	SW	3	0	bc	70	85	6	4	-	-	1	1	4000	*	*	bc	bc	bc			
	Lympne ...	1019.3	-6	SES	2	bc	74	65	6	2	-	-	4-6	7-8	4000	1018.3	0	SES	2	0	bc	68	85	6	4	-	-	1	1	4000	*	*	bc	bc	bc			
	Manston ...	1019.3	-6	NW	1	bc	77	75	6	2	-	-	4-6	7-8	2500	1018.6	+2	ESE	2	0	bc	67	92	6	-	-	-	0	0	4000	0	*	bc	bc	bc			
2	Shoeburyness ...	1019.1	-16	ESE	2	b	74	85	6	1	-	-	4-6	7-8	4000	1018.2	0	ES	3	0	bc	68	97	6	7	-	-	7-8	7-8	2500	0	*	bc	bc	bc			
	Felixstowe ...	1019.4	-6	ESE	3	b	73	75	7	2	-	9	4-6	7-8	4000	1018.8	-8	E	3	0	bc	65	85	6	5	5	8	4-6	7-8	4000	0	1	bc	bc	bc			
	Gorleston ...	1019.6	-6	NNE	2	bc	69	75	7	-	3	-	4-6	7-8	4000	1018.6	+20	NNE	2	0	bc	65	85	7	-	-	6	7-8	4000	0	1	bc	bc	bc				
	Mildenhall ...	1019.4	-6	-	0	bc	74	65	7	5	-	-	4-6	7-8	4000	1018.3	-2	NNE	2	0	bc	69	85	6	8	3	9	4-6	7-8	4000	0	*	bc	bc	bc			
	Cranwell ...	1019.4	-8	-	0	bc	72	55	8	1	3	5	4-6	7-8	2500	1018.3	-2	NNW	2	0	bc	67	76	7	5	3	-	9	10	4000	0	*	bc	bc	bc			
3	Birmingham ...	1019.6	-4	SSW	1	c	68	65	6	8	3	-	4-6	7-8	1500	1018.5	-4	NW	1	bc	66	75	6	5	7	-	2-3	2-3	1500	0	*	bc	bc	bc				
	Upper Heyford	1019.5	-8	-	0	c	72	75	6	2	4	1	7-8	9	4000	1018.4	-2	N	1	bc	69	85	6	2	3	6	4-6	7-8	2500	0	*	bc	bc	bc				
4	Ross-on-Wye ...	1019.4	-8	NW	2	c	68	65	6	7	3	-	7-8	9	2500	1018.5	-4	WSW	1	bc	65	85	6	3	-	2	1	7-8	2500	0	*	bc	bc	bc				
5	Hartland Point	1019.7	-6	W	0	c	66	62	7	9	6	-	4-6	7-8	1500	1019.6	0	NW	2	bc	67	97	8	8	4	-	7-8	9	1500	0	1	bc	bc	bc				
	Bristol ...	1019.8	-6	-	0	c	70	85	6	5	-	-	4-6	7-8	2500	1018.8	-2	W	2	bc	68	85	6	5	-	8	0	4-6	4000	0	2	bc	bc	bc				
	Portland Bill ...	1019.5	-2	SE	1	c	65	85	6	5	-	-	7-8	7-8	4000	1018.8	-6	W	1	bc	68	85	6	5	-	-	2-3	2-3	4000	0	2	bc	bc	bc				
	Plymouth ...	1019.7	-6	S	1	c	66	85	6	5	-	-	4-6	7-8	2500	1019.5	+2	NNW	4	bc	67	75	8	4	3	-	1	4-6	4000	0	1	bc	bc	bc				
	The Lizard ...	1020.1	-8	WS	2	bc	70	85	6	5	-	-	4-6	7-8	2500	1019.5	+2	NNW	4	bc	67	75	8	4	3	-	1	4-6	4000	0	1	bc	bc	bc				
	Scilly (St. Mary's)	1020.8	+2	WNW	2	c	67	92	8	8	6	-	4-6	7-8	1500	1020.8	0	NE	2	c	64	92	8	4	4	2	2-3	7-8	2500	0	1	bc	bc	bc				
	Guernsey ...	1020.8	+2	WNW	2	c	67	92	8	8	6	-	4-6	7-8	1500	1020.8	0	NE	2	c	64	92	8	4	4	2	2-3	7-8	2500	0	1	bc	bc	bc				
6	Pembroke ...	1020.3	+2	NW	2	c	65	85	8	8	6	-	4-6	7-8	1500	1019.5	-4	NNW	1	bc	62	85	8	-	7	-	0	4-6	-	0	1	bc	bc	bc				
7	Holyhead ...	1020.3	-2	NW	2	c	61	85	8	8	7	-	7-8	9	4000	1019.4	0	SWW	2	bc	61	65	9	8	3	-	1	2-3	2500	1	1	bc	bc	bc				
	Chester (Sealand)	1019.9	-6	WNW	1	c	66	75	6	5	7	-	7-8	9	2500	1019.3	0	NW	3	c/r	61	75	8	5	7	4	4-6	7-8	2500	0	*	bc	bc	bc				
8	Manchester ...	1019.9	-6	WNW	1	c	66	75	6	5	7	-	7-8	9	2500	1018.7	-6	WNW	2	bc	64	75	8	7	4	4	2-3	2-3	4000	0	*	bc	bc	bc				
10	Spurn Head ...	1020.2	-2	E	2	c	64	75	7	5	-	-	9	9	2500	1018.6	-8	SEE	2	c	62	85	6	5	-	-	10	10	1500	0	1	bc	bc	bc				
	Catterick ...	1019.1	-14	-	0	c	69	65	8	7	3	-	2-3	7-8	2500	1017.7	-8	W	1	c	63	65	8	1	9	1	1	7-8	4000	1	1	bc	bc	bc				
	Tynemouth ...	1019.3	-2	SE	1	c	68	65	8	7	3	-	4-6	7-8	2500	1018.1	-6	SE	2	c	60	76	6	2	3	1	4-6	7-8	1500	0	1	bc	bc	bc				
11	St. Abbs Head...	1018.5	0	NW	1	c	61	65	8	7	6	-	4-6	9	2500	1017.3	-8	-	0	c	61	75	9	5	6	1	4-6	7-8	2500	0	0	bc	bc	bc				
	Leuchars ...	1017.9	-2	W	3	c	60	85	9	8	-	-	4-6	9	4000	1016.4	-4	SW	2	0	60	75	8	4	4	4	1	7-8	4000	1	*	bc	bc	bc				
12	Renfrew (Abbots)	1019.1	-2	SW	2	c	62	65	5	3	5	-	4-6	9	2500	1017.6	-8	SW	3	0	60	75	9	5	-	-	1	7-8	4000	1	*	bc	bc	bc				
	Eskdalemuir ...	1018.8	-4	WSW	3	c	62	65	5	3	-	-	4-6	9	2500	1017.6	-8	WSW	3	0	57	85	8	5	7	-	4-6	9	1500	1	*	bc	bc	bc				
	Point of Ayre ...	1022.0	-2	NNW	1	c	61	85	8	8	-	-	2-3	9	2500	1018.3	-8	NNW	3	bc	60	85	8	8	4	6	1	4-6	2500	0	1	bc	bc	bc				
13	Tiree ...	1017.2	-2	SSW	4	c	61	75	8	5	-	-	4-6	9	1500	1014.5	-12	SSW	4	c	58	85	8	8	-	-	7-8	7-8	2500	0	3	bc	bc	bc				
13	Stornoway ...	1015.7	-2	SSW	5	c	58	85	8	5	7	-	7-8	10	2500	1014.2	-12	SSW	6	c	57	85	8	6	7	-	7-8	9	1500	1	3	bc	bc	bc				
15	Dalwhinnie ...	1018.2	-2	SW	3	c	63	65	8	4	4	4	4-6	7-8	4000	1016.9	-12	S	3	bc	55	75	8	4	5	1	2-3	4-6	4000	0	*	bc	bc	bc				
	Aberdeen ...	1017.6	0	SE	3	bc	64	65	8	5	-	-	2-3	4-6	2500	1015.4	-18	SSE	2	c	58	85	9	5	3	6	1	9	4000	0	1	bc	bc	bc				
	Wick ...	1017.6	+4	WSW	2	c	61	75	9	5	7	8	4-6	9	2500	1015.1	-6	S	2	c	58	85	9	5	7	8	4	9	2500	0	1	bc	bc	bc				
	Lerwick ...	1014.0	+14	NW	2	c	55	92	8	8	7	-	7-8	9	1500	1014.8	-4	SSW	3	c	55	92	8	8	7	-	7-8	10	800	1	*	bc	bc	bc				
	Blacksod Point...	1019.0	-8	SW	3	bc	61	75	9	5	-	-	10	10	4000	1016.4	-14	SW	4	c	61	75	9	8	-	-	9	9	800	0	3	bc	bc	bc				
18	Malin Head ...	1018.6	-6	SWW	4	c	61	75	8	8	-	-	9	9	4000	1016.7	-8	SWW	4	c	60	75	8	5	-	-	7-8	7-8										



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ... Sunday, 10th September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th September, 1939.
1 S.E. England	Wind light westerly increasing tomorrow; fair and rather warm today; some rain tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind southwest to west, fresh and strong locally; mainly cloudy with occasional rain; 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.Scotld. B.N.W.Scotland.	Wind becoming easterly, cloudy, some rain; rather cold.
14 Mid Scotland	
15 N.E. Scotland	As 7 to 14.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

## GENERAL INFERENCE.

A depression off the north of Scotland is moving southeast and another will approach the west of Ireland later. Today will be fair in Southern England but conditions will later become generally unsettled.

## FURTHER OUTLOOK.

Generally unsettled.

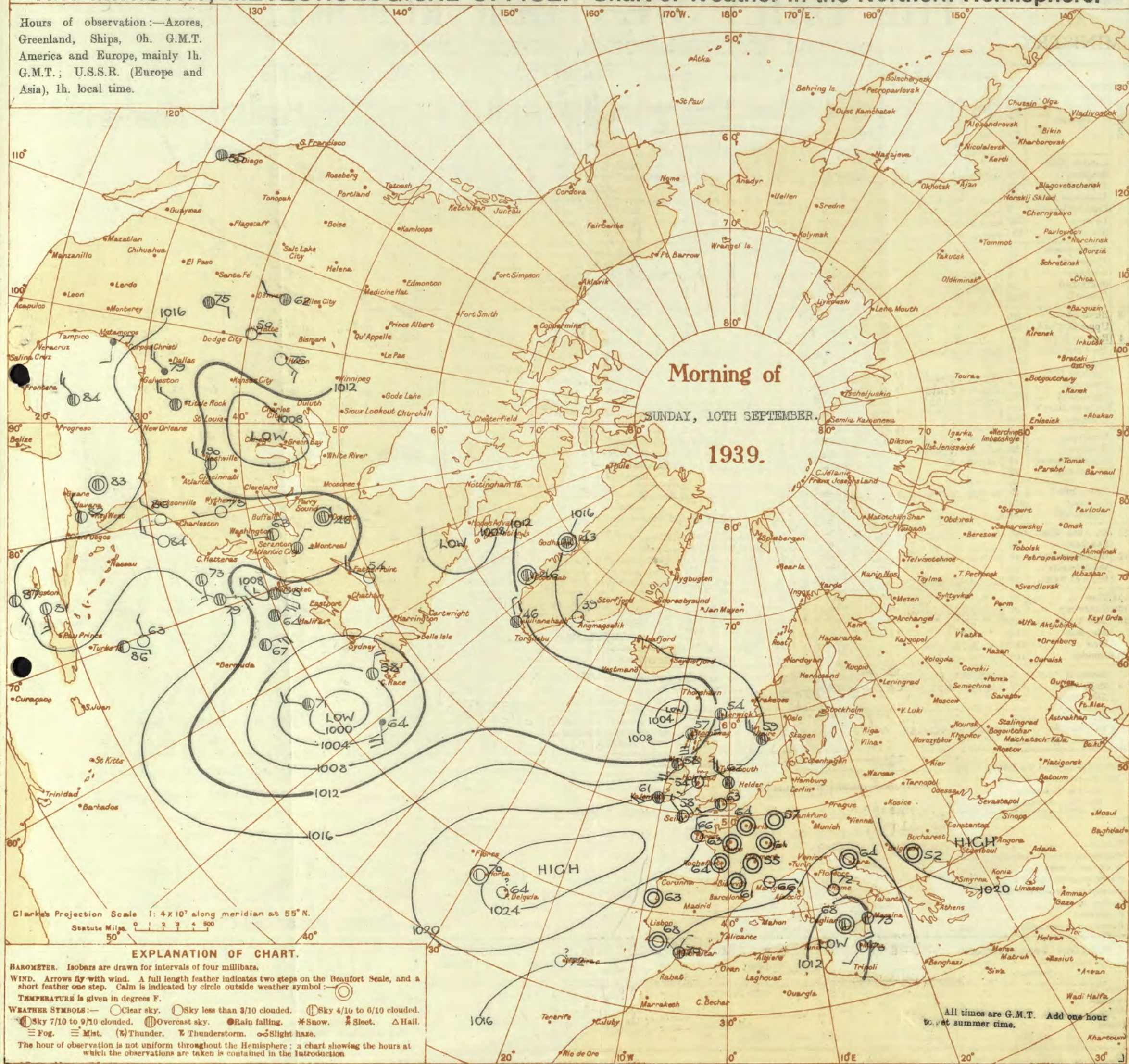
Forecasts issued at 1100 G.M.T.

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



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

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





AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 10th September, 1939.

No. 28416.

OBSERVATIONS at 1 hr. G.M.T. 10th September.														OBSERVATIONS at 7 hr. G.M.T. 10th 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)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Force. (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs. (36)				
											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	*	*	*	*	*	*	*	*	*	*	*	1018.6	0	WSW	1	20	61	92	6	5	-	-	3	3	4000	0	*	76	60	53	-	Tr	7.9			
	Croydon ...	217	1019.1	+2	WSW	1	z	63	92	5	5	-	-	2.3	2.3	4000	1019.6	+4	WSW	1	20	59	97	4	5	4	-	2.3	4.6	1500	0	*	79	59	*	-	*	
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1018.8	+2	WS	2	20	58	97	5	5	-	-	10	10	480	0	*	74	56	*	-	*				
	Boscombe Down ...	417	1019.5	-2	WNW	2	of+	60	97	2	5	-	-	10	10	480	1019.5	+6	WNW	2	bc/f	56	97	6	5	3	4	1	4.6	800	0	*	74	56	*	-	*	
	Calshot (St. Mary's) ...	8	1019.0	+2	NW	2	z	64	97	3	-	-	-	0	0	0	1019.1	+2	NW	2	z	61	97	5	5	-	-	10	10	480	0	*	77	59	*	-	0.1	
	Lymington ...	346	1018.6	-4	WNW	2	z	62	97	6	-	-	-	0	0	0	1018.4	+6	NE	2	f+	61	97	2	-	-	-	10	10	450	0	*	77	59	*	-	*	
	Manston ...	154	1018.0	-2	W	2	f	61	97	5	-	-	-	0	0	0																						
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1018.6	+6	NW	2	z	61	97	4	5	-	-	10	10	800	0	*	75	61	57	-	-	8.6			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1017.7	+2	NW	2	z	63	97	6	5	-	-	10	10	450	0	1	61	*	-	Tr	8.6				
	Gorleston ...	5	1017.8	0	E	1	c	64	85	7	8	-	-	7.8	7.8	2500	1016.9	-2	WNW	2	c	63	97	6	5	-	-	10	10	2500	0	1	69	62	60	-	Tr	9.9
	Mildenhall ...	19	1018.4	-2	W	2	f+	55	97	3	-	-	-	0	0	0	1018.0	+6	WS	2	z	56	97	4	5	-	-	9	9	5700	1	*	77	51	*	-	Tr	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1017.4	-8	SW	2	z	56	92	6	-	4	2	0	9	-	0	*	74	50	*	-	-	*			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1018.4	-6	SW	2	c	55	85	8	-	3	8	0	9	-	0	*	70	53	*	-	-	2.9			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1018.8	-2	SW	1	my	55	97	4	-	4	6	0	7.8	-	0	*	73	54	*	-	-	0.6			
	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1018.0	-6	SW	2	cf	51	97	2	5	3	-	4.6	9	4000	0	*	70	48	4.5	-	-	*			
5	Hartland Point ...	299	1020.7	+2	WNW	2	bc	59	92	8	4	-	-	2.3	2.3	5700	1019.3	-4	WNW	3	c	60	85	8	5	1	4.6	7.8	2500	0	2	68	58	56	-	-	2.7	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1019.6	-2	W	2	bc	56	85	8	5	9	8	1	4.6	5700	0	2	71	53	43	-	-	2.9			
	Portland Bill ...	32	1020.3	+6	NW	1	b	62	85	7	-	-	-	0	0	-	1019.5	-6	WNW	1	c	62	85	8	5	4	-	4.6	7.8	4000	0	2	69	56	50	-	-	2.6
	Plymouth ...	82	1020.7	+2	NW	1	b	60	85	7	-	-	-	0	0	-	1020.3	-2	WNW	1	c	57	97	8	5	3	6	Tr	7.8	2500	0	1	70	55	*	-	-	4.5
	The Lizard ...	240	1022.0	+6	WNW	2	bc	56	92	8	7	4	-	2.3	2.3	4000	1021.3	-6	WN	2	bc	58	97	8	8	4	-	4.6	4.6	2500	0	0	70	55	*	-	-	4.2
	Scilly (St. Mary's) ...	163	1022.2	+2	WNW	2	bc	58	97	8	5	-	-	2.3	2.3	2500	1021.0	-4	WNW	3	c	58	97	8	8	4	3	2.3	7.8	1500	0	1	69	55	*	-	-	4.2
	Guernsey ...	175																																				
6	Pembroke ...	142	1020.5	+4	WN	3	bc	60	92	7	5	-	-	2.3	2.3	2500	1018.8	-2	W	4	c	61	85	7	8	7	-	4.6	7.8	2500	0	2	66	58	*	-	-	4.1
7	Holyhead ...	26	1019.4	-8	SW	2	b	58	92	8	1	4	1	Tr	Tr	4000	1015.8	-12	SSW	4	in	60	85	9	5	2	-	9	10	2500	1	1	68	48	*	Tr	*	
	Chester (Sealand) ...	16	1019.2	-6	-	0	z	50	97	5	5	-	-	2.3	2.3	2500	1016.5	-16	SSE	2	c	55	92	8	5	7	-	9	10	5700	1	*	68	48	*	Tr	*	
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1015.9	-10	SSE	1	z	52	97	5	-	8	-	0	10	-	0	*	70	*	*	-	-	*			
10	Spurn Head ...	29	1017.9	0	NW	4	o	62	85	6	5	-	-	10	10	4000	1016.5	0	WSW	3	c	58	75	6	-	4	8	0	9	-	0	2	70	58	*	-	-	4.0
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1014.0	-18	S	1	in	56	85	7	6	7	-	7.8	10	1500	1	1	69	49	*	-	Tr	*			
	Tynemouth ...	108	1017.0	-6	W	3	bc	55	85	6	2	-	-	2.3	2.3	2500	1013.5	-16	SW	2	or	55	92	6	-	2	-	10	10	1500	1	1	65	52	4.8	-	Tr	*
11	St. Abbs Head ...	280	1015.2	-14	W	3	bc	51	75	8	7	4	-	2.3	4.6	2500	1008.7	-20	SW	4	rr	55	92	8	8	2	-	7.8	10	1500	1	3	64	50	*	-	2	*
	Leuchars ...	36	1014.3	-18	S	2	c	54	85	7	5	3	6	4.6	7.8	4000	1010.3	-18	SW	3	rr	58	92	6	5	2	-	9	10	800	1	*	64	56	*	-	7	*
12	Renfrew (Abbots L.) ...	19	1015.0	-14	SSW	1	c	57	85	7	5	7	-	9	10	2500	1011.0	-10	SW	3	rr	55	97	6	6	-	-	10	10	450	1	*	63	47	3.9	-	6	3.9
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1011.0	-10	SW	3	rr	55	97	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	
	Point of Ayre ...	30	1017.4	-8	WSW	3	c	57	85	8	8	-	-	7.8	7.8	2500	1013.3	-16	WS	5	rr	58	97	7	8	2	-	2.3	10	1500	1	3	64	50	*	-	9	4.2
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1007.6	-10	SW	2	in	58	97	6	6	2	-	10	10	800	1	2	63	57	55	0.5	-	10	2.3		
13B	Stormoway ...	80	1008.5	-20	S	6	c/r	57	92	7	5	2	-	9	10	1500	1007.3	-12	SW	4	pr	54	92	7	5	7	-	4.6	7.8	2500	1	2	60	54	*	Tr	8	0.5
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1003.0	-12	SW	3	c	53	97	6	5	2	-	4.6	10	1500	1	*	64	51	47	-	-	6	5.9		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1008.6	-20	SSW	2	rr	54	97	6	5	-	-	10	10	800	1	1	66	52	4.5	-	-	8	6.3		
	Wick ...	81	1010.8	-20	S	3	c	56	85	8	5	7	-	4.6	7.8	1500	1006.5	-18	S	4	c	55	97	7	5	7	8	4.6	7.8	1500								



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 11th September, 1939.

No. 28417.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 10 <sup>th</sup> September														OBSERVATIONS at 18h. G.M.T. 10 <sup>th</sup> September														PAST 24 HOURS.						
		Barom. M.S.L. mb.	Change in 3 hours	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.						
				Direc.	Force 0-12					Form	Amount. Low 0-10 Total 0-10	Height of Base (feet)	Direc.	Force 0-12			Form	Amount. Low 0-10 Total 0-10					Height of Base (feet)	Low.	Med.	High.	Low 0-10			Total 0-10	Height of Base (feet)	7h.—13h. ..10th.	13h.—18h. ..10th.	18h.—1st ..11th.	1st.—7h. ..11th.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)			
1	London (Kew)...	1016.7	-16	WSW	3	C	69	55	8	7	3	2	2-3	9+	4000	1014.9	-16	WSW	3	C/r	65	55	8	5	2	-	3	10	2500	0	*	cbe	m	cir	j	crr/bcb
	Croydon ...	1017.4	-14	WSW	2	C	69	65	7	1	-	2	4-6	7-8	4000	1015.5	-16	WSW	3	C	66	75	8	4	7	-	4	10	2500	0	*	bca	c	r	n	r/bcb
	S. Farnborough	1017.2	-16	WSW	4	C	69	65	8	1	-	2	4-6	9+	4000	1015.1	-8	SWW	2	i	64	75	8	5	7	-	2-3	10	2500	0	*	pmbca	dycr	c	r	
	Boscombe Down	1017.6	-12	SW	4	C	67	65	8	7	-	3	4-6	9+	2500	1015.5	-8	WSW	2	i	62	75	8	5	7	-	4-6	10	2500	0	*	bmc	c	r	r	omd/bcb
	Calshot (Soton.)	1018.0	-12	SSW	4	C	71	65	8	7	-	2	4-6	9+	1500	1016.3	-8	WSW	3	C	64	85	8	7	7	-	4-6	9+	1500	0	1	pbmca	c	r	o	omd/bcb
	Lympe ...	1017.1	-12	SW	2	Z	71	75	5	1	-	2	2-3	7-8	2500	1015.8	-6	WSW	3	C	62	85	8	-	7	8	0	9	-	0	\$	fcbca	bca	c	r	crr/bcb
	Manston ...	1016.5	-14	SE	2	Z	70	75	6	8	-	1	7-8	7-8	1500	1014.6	+2	SW	4	C	67	75	8	5	7	6	2-3	9+	1500	0	*	cm	c	r	e	crr/bcb
2	Shoeburyness ...	1016.7	-18	W	2	Z	74	75	5	7	-	2-3	7-8	5700	1014.5	-10	SWW	4	C	67	75	8	5	7	7	4-6	10	5700	0	*	cmca	c	r	c	cbe	
	Felixstowe ...	1015.8	-18	W	4	Z	72	65	6	7	3	-	4-6	9+	2500	1013.8	-8	W	4	C	70	85	8	5	7	-	Tr	10	5700	0	2	cmca	c	r	c	cbe
	Gorleston ...	1015.7	-12	SWW	3	C	69	55	7	2	3	-	4-6	7-8	2500	1012.7	-10	SW	2	C	67	65	6	5	2	-	2-3	10	2500	0	1	c	c	r	c	cbe
	Mildenhall ...	1015.5	-18	WS	3	C	69	65	8	7	-	-	4-6	9+	4000	1011.5	-10	SWW	3	i	63	85	7	5	2	-	7-8	10	4000	1	*	cmca	c	r	c	cbe
	Cranwell ...	1014.9	-14	W	4	C	64	75	6	5	7	-	2-3	10	2500	1013.0	-22	SW	5	i	62	85	7	5	7	-	4-6	9+	2500	*	*	cmca	c	r	c	cbe
3	Birmingham ...	1015.9	-12	SW	3	pr	63	75	8	5	1	-	7-8	10	1500	1012.7	-16	SWW	2	c/r	59	82	5	7	7	-	9	9+	1500	1	*	c	c	r	c	cb
	Upper Heyford	1017.2	-12	W	4	C	65	75	8	5	7	1	7-8	9	2500	1014.5	-14	WSW	3	i	61	65	7	6	7	6	4-6	10	1500	1	*	bca	c	r	c	cb
4	Ross-on-Wye ...	1016.1	-16	WSW	4	C	67	65	8	4	7	8	4-6	9+	2500	1012.9	-14	SW	3	C	62	85	8	6	7	-	2-3	9	2500	0	*	fcbca	c	r	c	cb
5	Hartland Point	1017.6	-16	WSW	4	C	62	92	8	8	1	-	7-8	9+	2500	1014.9	-14	WNW	5	c/r	62	92	7	6	2	-	2-3	10	1500	1	3	c	c	r	c	cb
	Bristol ...	1018.0	-10	WS	4	C	64	75	8	5	1	8	4-6	9	2500	1015.3	-14	WSW	4	C/r	62	75	8	5	7	-	7-8	9+	1500	0	*	bca	c	r	c	cb
	Portland Bill	1019.0	-12	W	2	C	64	85	8	5	-	-	10	10	4000	1016.6	-28	WSW	3	C	62	85	8	5	7	-	10	10	4000	0	2	c	c	r	c	cb
	Plymouth ...	1019.4	-10	WNW	4	C	64	75	8	5	-	-	9+	9+	4000	1017.5	-8	W	4	C	63	75	8	5	7	-	7-8	9+	2500	0	2	c	c	r	c	cb
	The Lizard	1020.3	-8	WSW	4	bc	68	75	8	8	6	-	4-6	4-6	2500	1018.3	-6	W'S	5	C	63	75	8	8	9	-	7-8	7-8	2500	0	3	c	c	r	c	cb
	Seilly (St. Mary's)	1020.5	-8	W	4	C	63	92	8	8	2	-	4-6	10	1500	1018.5	-10	W'S	5	C	62	85	8	8	4	3	4-6	9+	2500	0	3	c	c	r	c	cb
	Guernsey ...																																			
6	Pembroke ...	1016.6	-10	W'S	5	C	63	85	8	5	6	-	7-8	9+	2500	1014.2	-20	W'S	7	C	61	97	7	8	2	-	7-8	10	1500	*	*	c	c	r	c	bc
7	Holyhead ...	1012.6	-22	SSW	5	rr	60	92	7	6	2	-	7-8	10	450	1003.2	-14	SW	5	C	61	82	7	5	2	-	9	10	1500	*	*	c	c	r	c	bc
	Chester (Sealand)	1013.4	-14	SEE	2	rr	60	85	6	6	2	-	7-8	10	1500	1010.2	-20	SW	4	c/r	61	85	6	-	2	-	10	10	1500	1	*	c	c	r	c	bc
8	Manchester ...	1014.0	-18	SSW	3	rr	60	92	6	6	2	-	4-6	10	1500	1003.8	-14	SWW	4	c/r	60	85	6	5	2	-	7-8	10	1500	1	*	c	c	r	c	bc
10	Spurn Head ...	1013.6	-14	WSW	4	C	65	65	6	5	-	-	10	10	2500	1010.1	-20	SWW	4	c/r	61	85	6	5	-	-	9+	9+	2500	1	3	c	c	r	c	bc
	Catterick ...	1010.6	-22	SW	4	rr	62	85	6	5	2	-	4-6	10	2500	1007.4	-18	SWW	3	c/r	61	85	6	7	-	-	9+	9+	1500	1	1	c	c	r	c	bc
	Tynemouth ...	1009.7	-18	WSW	4	C/r	64	75	6	6	-	-	10	10	1500	1006.3	-20	WSW	3	C	62	85	6	5	-	-	9+	9+	1500	1	1	c	c	r	c	bc
11	St. Abbs Head...	1007.4	-12	W	2	C/r	63	85	8	3	3	-	7-8	9+	1500	1004.0	-10	W	3	C	60	92	7	8	6	-	7-8	9	1500	1	2	c	c	r	c	bc
	Leuchars ...	1006.0	-20	SW	2	C	62	85	7	8	7	-	7-8	9+	1500	1003.1	-10	SW	2	C	61	92	7	8	6	-	4-6	7-8	1500	1	*	c	c	r	c	bc
12	Renfrew (Abbots)	1007.7	-12	SWW	4	rr	61	97	6	6	2	-	9	10	800	1005.7	+2	W	3	C	59	75	7	8	4	-	7-8	7-8	2500	1	*	c	c	r	c	bc
	Eskdalemuir ...	1007.6	-20	SW	6	rr	59	92	6	6	-	-	10	10	450	1004.6	-14	SWW	4	rr	59	92	6	6	-	-	10	10	450	1	*	c	c	r	c	bc
	Point of Ayre ...	1009.9	-20	W'S	6	rr	60	97	6	6	2	-	4-6	10	800	1007.5	-4	WNW	5	C	59	92	7	8	-	-	9+	9+	1500	1	3	c	c	r	c	bc
13A	Tiree ...	1006.3	-4	WNW	3	C	60	75	8	8	-	-	7-8	7-8	1500	1005.8	-4	WSW	4	PR	56	97	8	8	6	-	4-6	7-8	1500	1	4	c	c	r	c	bc
13B	Stornoway ...	1006.1	-4	W	4	pr	57	75	8	8	7	-	9	9+	2500	1006.3	+10	-	0	i	53	97	7	9	2	-	7-8	10	2500	1	0	c	c	r	c	bc
15	Dalwhinnie ...	1005.5	-20	SW	4	rr	60	85	6	8	6	-	7-8	9+	1500	1004.5	-6	SW	3	C	59	75	8	8	6	-	4-6	7-8	4000	1	*	c	c	r	c	bc
	Aberdeen ...	1005.7	-18	SW	3	C	60	85	8	8	3	-	7-8	9+	1500	1003.5	-6	N	2	rr	57	97	6	9	2	-	9+	9+	800	1	1	c	c	r	c	bc
	Wick ...	1004.7	-12	SSW	3	C	59	85	8	8	7	-	4-6	7-8	1500	1004.4	+2	NNE	2	C	57	85	8	5	7	-	4-6	9+	1500	1	1	c	c	r	c	bc
16	Lerwick...	1005.9	-19	SE	3	C/r	54	97	7	6	2	-	7-8	9+	800	1005.5	+6	NNE	1	C	54	97	7	8	7	-	4-6	9	800	1	*	c	c	r	c	bc
17	Blacksod Point.																																			
18	Malin Head	1007.3	-2	NW	2	C	60	92	7	8	-	-	9	9	800	1003.5	+8	NW	4	C/pr	57	75	8	8	-	-	7-8	7-8	4000	1	3	c	c	r	c	bc
	Aldergrove ...	1008.0	-26	SW	4	rr	60	97	5	6	-	-	10	10	450	1008.7	+18	WNW	3	C	53	75	8	8	-	-	7-8	7-8	1500	1	*	c	c	r	c	bc
19	Birr Castle ...	1011.7	-18	WSW	4	rr	61	97	7	6	2	-	7-8	10	800	1010.9	+4	WSW	3	C	65	85	8	8	7	-	7-8	9	1500	1	1	c	c	r	c	bc
20	Valentia Obsy.	1015.3	-16	WSW	5	rr	62	97	6	6	-	-	10	10	800	1015.3	+4	WNW	4	id	62	97	8	8	-	-	10	10	450	1	2	c	c	r	c	bc
	Roches Point ...	1015.9	-19	WS	4	rr	61	92	6	6	2	-	7-8	10	1500	1013.4	-10	W	4	C	65	92	8	8	-	-	9+	9+	800	1	3	c	c	r	c	bc

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). 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. jp, 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). L/S, heavy storm of drifting snow (generally low). s <sub>o</sub> /k, slight storm of drifting snow (generally high). S/k, heavy storm of drifting snow (generally high). KQ, line squall. l, lightning. o, overcast sky. p, passing showers.	q, squalls. r, rain. s, snow. rs, sleet. t, thunder. u, ugly, threatening sky. v, unusual visibility. w, dew. x, hoar frost. y, dry air. z, dust haze: the turbid atmosphere of dry weather. h(r), "hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r <sub>o</sub> , slight rain. rr, continuous rain. <, less than (for cloud height). $\nearrow$ gale. ☉ Solar halo. ☾ Lunar halo. ☀ Aurora. With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions thus: —bc/r, fair weather after rain; —, has decreased; +, has increased.	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.	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.	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).
		COLUMNS 12, 13, 26, 27.	Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.	
		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.	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 .. " covered with thawing snow.	7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. 8 .. " covered with snow, less than 6 ins., but ground frozen. 9 .. " covered with snow greater than 6 ins. deep. - .. Fresh snow has fallen in the mountains.

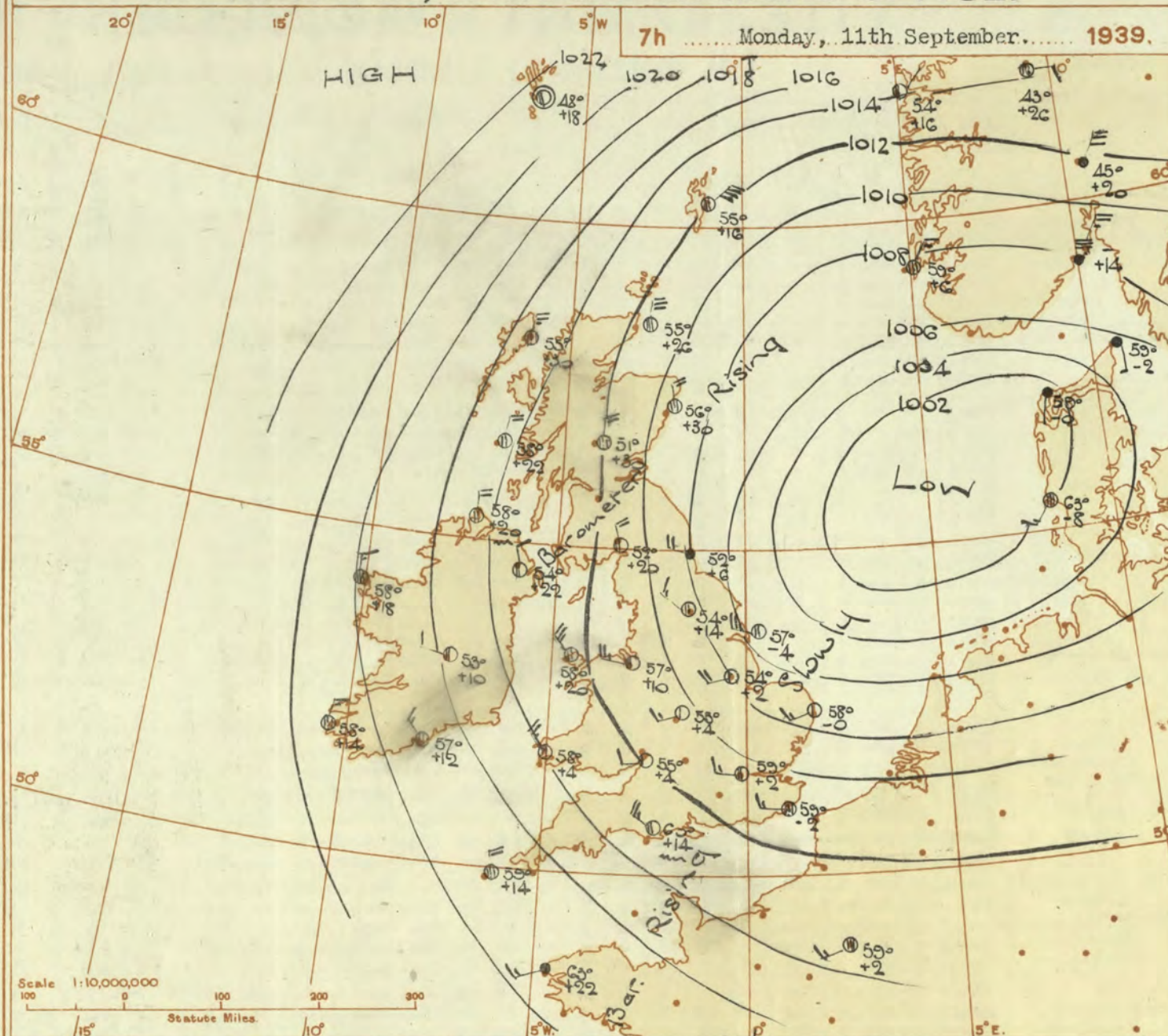
3. overcast sky. p, passing showers. +, has no record. —, no record.

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.



# AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th September, 1939.
1 S.E. England	Fresh squally northwest wind, strong on coasts, veering north; bright intervals; showers; local thunderstorms; cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh squally north to northeast wind, strong on coasts; bright intervals; local showers; cool.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh to strong north to northeast wind, decreasing slowly; cloudy; local thundery showers; cool.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Fresh to strong north to northeast wind, decreasing slowly; bright intervals; local showers; cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Fresh squally north wind, decreasing slowly; bright intervals; local showers; cool.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A depression over the Central North Sea is moving southeast. There will be showers in most districts with local thunderstorms, more particularly in eastern districts

## FURTHER OUTLOOK.

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

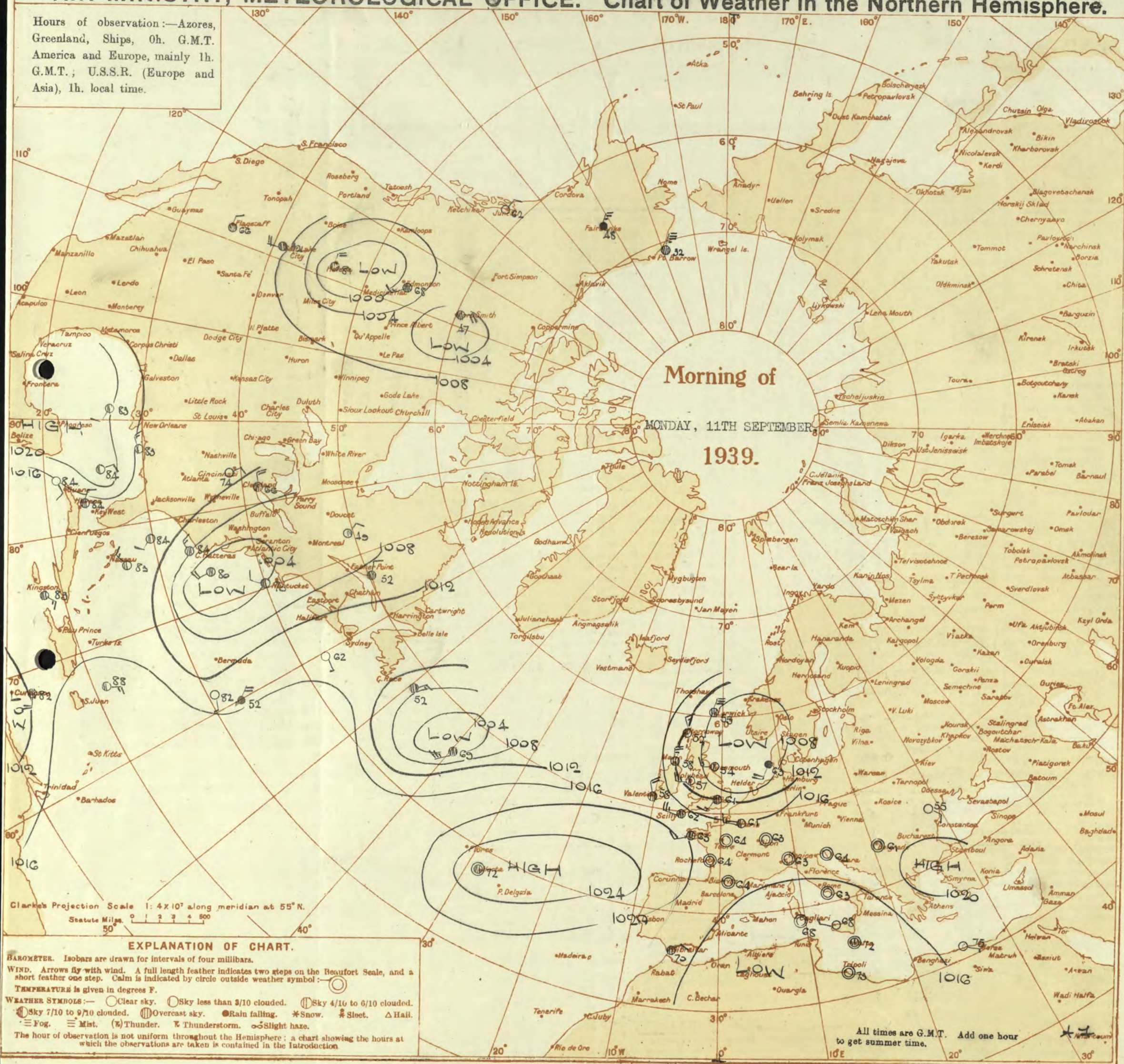
Forecasts issued at 0930 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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, 11th September, 1939.  
No. 28417.

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 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 10th Hrs.				
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	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)							
																																(3)	(4)		(9)	(10)	(11)	(12)
1	London (Kew) ... 18	217	1012.5	-22	SW	3	c	61	85	7	5	-	-	10	10	1500	1011.3	+8	NW	3	b	59	75	8	2	-	1	Tr	1	2500	1	70	59	55	Tr	1	6.7	
	Croydon ... 226	1012.5	-22	SW	3	c	61	85	7	5	-	-	-	10	10	1500	1011.3	+2	WN	3	bc	59	75	8	3	4	-	4-6	4-6	4000	1	72	59	57	Tr	1	7.3	
	S. Farnborough ... 417	1012.1	-22	SW	4	z	59	92	6	5	-	-	-	10	10	1500	1012.3	+12	NW	3	b	55	85	8	5	3	-	Tr	Tr	1500	1	70	55	51	Tr	0.5	5.0	
	Boscombe Down ... 8	1012.8	-26	SW	4	c/r	61	97	6	5	-	-	-	10	10	800	1012.1	+8	WNW	3	bc	60	92	8	2	4	-	2-3	4-6	1500	1	72	56	56	-	3	4.0	
	Calshot (Stmntn.) ... 346	1013.3	-18	SW	3	c	57	97	7	5	5	-	3+	3+	2500	1011.4	-2	WN	3	c	59	97	7	5	4	-	4-6	7-8	450	1	73	56	55	-	3	3.2		
	Lymington ... 154	1011.9	-18	-	-	0	60	85	6	5	-	-	-	10	10	4000	1009.7	+2	W	3	c	66	85	8	2	4	8	4-6	7-8	2500	1	75	59	57	-	0.2	2.7	
2	Shoeburyness ... 11	15	1009.9	-22	SW	3	ir	62	97	7	6	-	-	10	10	1500	1009.5	+6	NW	5	b	61	75	8	5	3	-	9	9	1500	0	75	60	55	-	0.2	4.1	
	Felixstowe ... 15	5	1009.9	-22	SW	3	ir	62	97	7	6	-	-	10	10	1500	1009.5	+6	NW	5	b	61	75	8	5	3	-	9	9	1500	0	75	60	55	-	0.2	3.0	
	Gorleston ... 19	1009.3	-20	WSW	4	c/r	61	85	7	5	2	-	-	7-8	10	1500	1008.0	0	WSW	3	b	58	85	7	-	4	-	0	1	-	1	2	72	57	56	-	0.2	*
	Mildenhall ... 240	1009.3	-20	WSW	4	c/r	61	85	7	5	2	-	-	7-8	10	1500	1009.3	+10	WN	4	b	55	85	8	5	-	9	Tr	1	5700	1	70	53	56	0.1	0.5	*	
	Cranwell ... 240	1008.6	+2	WS	4	b	54	85	7	5	-	-	-	-	-	-	1008.6	+2	WS	4	b	54	85	7	5	-	-	Tr	Tr	2500	0	52	49	52	Tr	1.7	*	
3	Birmingham ... 535	408	1011.0	+4	WSW	3	b	53	85	6	5	7	-	Tr	Tr	1500	1011.0	+4	WSW	3	b	53	85	6	5	7	-	Tr	Tr	1500	1	64	52	48	2	Tr	2.3	
	Upper Heyford ... 223	1011.3	+10	WN	2	b	52	82	8	5	-	-	3	Tr	Tr	4000	1011.3	+10	WN	2	b	52	82	8	5	-	3	Tr	Tr	4000	1	66	51	51	0.1	0.3	*	
4	Ross-on-Wye ... 223	1012.1	+4	W	2	b	55	85	8	4	-	-	-	1	1	2500	1012.1	+4	W	2	b	55	85	8	4	-	-	1	1	2500	0	67	53	49	0.1	0.1	2.6	
5	Hartland Point ... 209	1013.1	-2	N	3	ir	62	97	8	6	2	-	2-3	10	1500	1014.6	+10	NNW	4	c	58	85	9	8	-	-	9	9	2500	1	63	57	54	0.1	5	1.5		
	Bristol ... 209	1013.1	-2	N	3	ir	62	97	8	6	2	-	2-3	10	1500	1013.1	+12	WN	3	bc	54	85	8	5	4	-	2-3	2-3	2500	1	67	52	44	Tr	3	3.0		
	Portland Bill ... 32	1012.6	-20	WSW	3	c/r	60	92	7	5	-	-	10	10	1500	1013.1	+14	NW	3	bc	60	92	8	5	-	-	4-6	4-6	4000	1	66	58	58	-	3	3.0		
	Plymouth ... 82	1014.2	-18	W	4	d.d.	63	97	7	5	2	-	10	10	800	1014.8	+14	NW	3	c	58	85	8	5	-	-	9	9	2500	1	66	58	58	-	1	2.1		
	The Lizard ... 240	1016.0	-20	WSW	3	c/r	62	97	6	5	-	-	10	10	1500	1016.3	-8	NNW	3	c	58	92	8	8	2	-	7-8	3	1500	1	68	57	57	-	1	7.0		
	Seilly (St. Mary's) ... 163	1015.7	-12	WN	5	c/r	62	97	6	5	-	-	10	10	800	1016.6	+4	NW	4	c	59	92	8	8	-	-	9+	9+	1500	1	64	58	58	-	0.6	3.1		
	Guernsey ... 175	1013.5	0	NNW	3	bc	60	92	8	8	-	-	4-6	4-6	2500	1014.5	+4	NNW	5	bc	58	85	8	5	-	-	4-6	4-6	2500	1	63	56	56	-	0.2	0.3		
6	Pembroke ... 142	1010.9	+2	W	3	bc	57	85	8	2	4	-	2-3	2-3	2500	1012.0	+20	NW	5	bc	58	75	8	8	-	-	4-6	4-6	1500	1	64	56	54	2	0.1	0.0		
7	Holyhead ... 26	1010.1	+2	WN	3	bc	57	75	7	5	-	-	4-6	4-6	2500	1010.8	+10	NNW	5	bc	57	85	7	8	-	-	4-6	4-6	1500	1	64	56	54	2	0.5	*		
8	Chester (Sealand) ... 16	1010.1	+2	WN	3	bc	57	75	7	5	-	-	4-6	4-6	2500	1009.7	+12	NNW	3	bc	56	92	7	8	3	-	2-3	4-6	2500	1	62	54	54	4	2	*		
10	Spurn Head ... 29	1006.7	-10	NNW	5	bc	61	85	6	3	-	-	2-3	2-3	800	1006.2	-4	NNW	5	bc	57	85	6	-	4	5	0	4-6	-	1	3	67	56	56	1	Tr	*	
	Catterick ... 175	1007.4	+14	NNW	3	bc	54	85	8	5	-	-	4-6	4-6	4000	1007.4	+14	NNW	3	bc	54	85	8	5	-	-	4-6	4-6	4000	1	62	52	52	0.4	-	*		
	Tynemouth ... 108	1005.5	+2	W	3	bc	54	85	7	2	-	-	2-3	2-3	2500	1005.8	+6	NNW	4	rr	52	92	6	-	2	-	10	10	1500	1	65	52	42	2	4	*		
11	St. Abbs Head ... 280	1003.4	0	NNW	5	bc	54	75	8	4	6	1	4-6	4-6	1500	1006.8	+14	NNW	6	rr	54	85	8	3	6	-	7-8	3+	800	1	63	51	51	4	15	*		
	Leuchars ... 36	1004.9	+8	N	3	ir	54	85	6	5	-	-	7-8	7-8	1500	1008.8	+26	NW	3	c	55	75	9	5	-	-	3+	3+	2500	1	65	51	51	2	1	*		
12	Retfrew (Abbots L.) ... 19	1007.4	+6	WSW	2	b	50	92	7	5	-	-	1	1	2500	1011.4	+24	W	3	bc	52	85	3	5	4	1	2-3	2-3	2500	1	63	48	43	10	0.1	1.3		
	Eskdalemuir ... 794	1008.8	+6	WSW	2	b	50	92	7	5	-	-	1	1	2500	1009.1	+20	NNW	4	bc	52	75	8	5	-	-	2-3	2-3	2500	1	63	48	43	17	2	0.0		
	Point of Ayre ... 30	1008.8	+6	S'W	6	bc	56	92	8	8	-	-	2-3	2-3	1500	1011.2	+26	NW	5	bc	57	85	8	5	4	-	2-3	2-3	2500	1	62	55	55	14	Tr	0.0		
13A	Tiree ... 22	1009.8	+24	NNW	3	bc	52	97	7	5	7	-	4-6	4-6	2500	1014.1	+22	NE	4	bc	58	85	8	2	6	-	2-3	2-3	2500	0	62	55	50	1	-	2.0		
13B	Stormorway ... 80	1015.3	+30	NNW	3	bc	52	97	7	5	7	-	4-6	4-6	2500	1015.3	+30	NNW	3	bc	58	85	8	2	6	-	2-3	2-3	2500	0	62	55	50	1	-	2.0		
15	Dalwhinnie ... 1176	1012.2	+20	N	4	c	51	85	7	5	6	-	7-8	7-8	2500	1012.2	+20	N	4	c	51	85	7	5	6	-	7-8	7-8	2500	0	62	45	35	2	2	4.0		
	Aberdeen ... 79	1007.2	+18	NW	4	ol	53	92	7	5	7	8	2-3	4-6	1500	1008.5	+30	NNW	4	c</																		



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

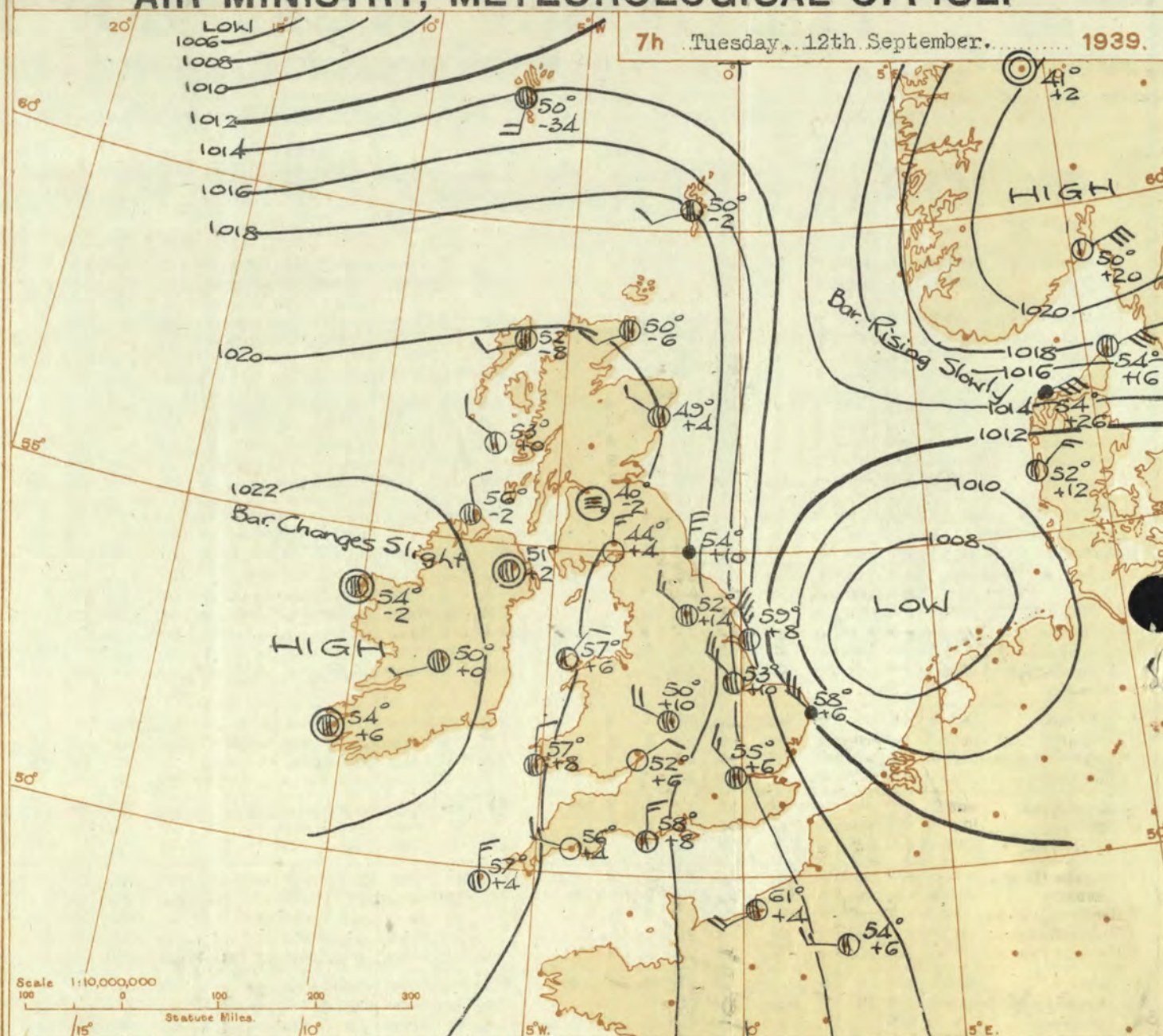
 Tuesday, 12th September, 1939.  
No. 28418.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 11th September														OBSERVATIONS at 18h. G.M.T. 11th September														PAST 24 HOURS.															
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.				Sea. 0-9	WEATHER.																		
				Dir.	Force 0-12					Form.	Amount.	Height of Base (feet)	Dir.			Force 0-12	Form.					Amount.	Height of Base (feet)	State of Ground.	0-9		7h.—13h. 11h.	13h.—18h. 11h.	18h.—11h. 12h.	1h.—7h. 12h.															
																															Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.
(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)	(37)	(38)	(39)	(40)					
1	London (Kew)...	1012.4	+2	NW	3	c	65	55	8	1	-	3	7-8	7-8	2500	1013.9	+10	NW	2	c	63	65	7	5	-	-	3+	3+	2500	0	*	bbeey	cprc	cbcb	bbccm										
	Croydon ...	1012.6		WNW	3	bc	65	*	8	1	4		4-6	4-6	4000	1013.5	+6	WNW	3	c	63	65	7	5	2	-	4-6	10	1500	0	*	bbccy	bcyey	cbcb	id.c										
	S. Farnborough																																												
	Boscombe Down	1013.5	+4	WNW	4	c	63	55	8	7	4	-	4-6	7-8	4000	1014.9	+10	WNW	3	bc	62	65	8	5	-	-	4-6	4-6	4000	0	*	bbccy	bcyey	cbcb	bm.bcm										
	Calshot (Soton.)	1013.3	+2	NW	4	c	65	65	8	4	6	-	9	9	2500	1014.3	-6	WNW	3	bc	65	65	8	5	3	-	2-3	2-3	4000	0	1	bbccy	bcyey	cbcb	bm.bcm										
	Lymington	1012.1	+2	WNW	3	c	66	45	8	5	-	-	7-8	7-8	4000	1013.5	+8	WNW	3	c	61	65	8	5	-	-	3+	3+	4000	0	1	bbccy	bcyey	cbcb	bm.bcm										
	Manston	1010.9	+2	WNW	4	bc	67	55	8	8	-	-	4-6	4-6	2500	1012.3	+6	WNW	4	bc	62	75	7	5	-	-	3+	3+	4000	0	*	bbccy	bcyey	cbcb	o										
2	Shoeburyness ...	1011.6	+4	WNW	4	c	67	65	8	4	-	-	7-8	7-8	2500	1012.7	+6	WNW	4	c	62	75	8	5	-	-	7-8	7-8	5700	0	*	bbccy	bcyey	cbcb	cir.c										
	Felixstowe ...	1010.0	-2	WNW	5	c	67	45	8	7	-	-	7-8	7-8	2500	1011.6	+6	WNW	4	c	61	65	7	5	-	-	3	3	2500	1	2	bbccy	bcyey	cbcb	cir.c										
	Gorleston	1010.3	+6	WNW	4	c	64	55	7	8	-	-	10	10	2500	1008.6	+4	SE	2	pr	63	65	7	8	-	-	3	3	2500	1	2	bbccy	bcyey	cbcb	ORing										
	Mildenhall	1010.6	+10	NW	4	c	62	85	8	5	3	-	9	9+	2500	1011.7	+4	WNW	4	c	60	85	7	8	3	-	3	3+	4000	0	*	bbccy	bcyey	cbcb	cm.cir										
	Cranwell	1011.1	+16	WNW	4	clod	57	85	6	7	-	-	10	10	2500	1013.0	+14	WNW	4	c	57	85	6	8	8	9	7-8	9	2500	1	*	bbccy	bcyey	cbcb	cir.c										
3	Birmingham ...	1013.3	+10	WNW	4	bc	61	55	8	7	-	-	4-6	4-6	2500	1014.7	+10	WNW	4	c	60	75	7	5	4	-	4-6	7-8	2500	0	*	bbccy	bcyey	cbcb	cir.c										
4	Upper Heyford																																												
	Ross-on-Wye ...	1013.7	+6	NW	3	bc	65	55	9	7	-	-	4-6	4-6	4000	1015.5	+8	WNW	3	bc	62	65	9	5	-	-	4-6	4-6	4000	0	*	bbccy	bcyey	cbcb	cc.c										
5	Hartland Point	1016.1	+4	WNW	4	bc	59	85	9	2	6	-	2-3	4-6	2500	1017.2	+2	N	3	b	60	75	9	1	-	-	1	1	4000	0	3	bbccy	bcyey	cbcb	bbcc										
	Bristol ...	1013.9	+2	WNW	5	c	65	65	9	8	-	-	7-8	7-8	2500	1015.6	+6	WNW	3	bc	63	55	9	4	-	-	4-6	4-6	4000	1	3	bbccy	bcyey	cbcb	bbcc										
	Portland Bill	1014.8	+4	NW	4	c	64	85	8	*	-	-	7-8	7-8	4000	1015.4	+6	WNW	3	bc	62	85	8	4	-	-	4-6	4-6	4000	1	3	bbccy	bcyey	cbcb	bbcc										
	Plymouth	1015.9	+4	NW	4	c	63	75	8	7	-	-	4-6	4-6	2500	1017.2	+8	WNW	4	bc	62	65	8	7	-	-	4-6	4-6	4000	0	1	bbccy	bcyey	cbcb	bbcc										
	The Lizard	1017.1	0	WNW	5	c	63	75	8	6	-	-	7-8	9+	1500	1018.8	+8	WNW	4	bc	60	75	8	6	-	-	4-6	4-6	2500	0	2	bbccy	bcyey	cbcb	bbcc										
	Scilly (St. Mary's)	1018.3	+4	N	4	c	63	85	9	8	6	-	4-6	7-8	2500	1018.8	+4	N	4	bc	61	85	8	8	-	-	2-3	2-3	2500	0	2	bbccy	bcyey	cbcb	bbcc										
	Guernsey																																												
6	Pembroke ...	1016.8	+6	N	4	bc	62	65	8	2	-	-	4-6	4-6	2500	1018.4	+4	N/E	4	bc	59	75	8	7	-	-	2-3	2-3	2500	0	2	bbccy	bcyey	cbcb	bbcc										
7	Holyhead	1015.4	+10	WNW	5	bc	60	75	8	2	-	-	2-3	4-6	2500	1017.2	+10	WNW	4	bc	61	85	8	3	-	-	4-6	4-6	2500	0	3	bbccy	bcyey	cbcb	bbcc										
	Chester (Sealand)	1014.2	+12	NW	5	bc	62	65	9	8	-	-	4-6	4-6	2500	1015.6	+6	WNW	4	c	62	85	8	6	-	-	7-8	7-8	1500	0	*	bbccy	bcyey	cbcb	bbcc										
8	Manchester	1013.1	+14	NW	4	c	60	55	8	8	-	1	7-8	7-8	2500	1015.3	+14	N	2	bc	61	75	7	8	4	-	4-6	4-6	2500	1	*	bbccy	bcyey	cbcb	bbcc										
10	Spurn Head	1008.9	+8	NW	6	cq	59	85	6	5	-	-	9+	9+	1500	1010.5	+10	WNW	7	cq	59	85	6	5	-	-	10	10	1500	1	4	bbccy	bcyey	cbcb	bbcc										
	Catterick	1010.8	+14	WNW	5	c	61	75	8	5	-	-	9	9	1500	1014.9	+18	N	5	c	56	75	7	5	-	-	10	10	1500	1	4	bbccy	bcyey	cbcb	bbcc										
	Tynemouth	1010.0	+16	WNW	5	c/r	57	92	6	2	-	-	10	10	1500	1014.0	+16	N	6	c	55	75	6	5	-	-	9	9	1500	1	4	bbccy	bcyey	cbcb	bbcc										
11	St. Abbs Head...	1012.5	+28	WNW	8	cq	56	85	8	6	-	-	7-8	9+	1500	1015.7	+8	WNW	8	cq	45	75	8	8	6	-	4-6	7-8	1500	0	4	bbccy	bcyey	cbcb	bbcc										
	Leuchars	1014.5	+26	WNW	5	bc	60	75	9	8	3	-	4-6	4-6	2500	1017.1	+12	N	4	bc	56	65	9	8	-	-	4-6	4-6	4000	1	*	bbccy	bcyey	cbcb	bbcc										
	Renfrew (Abbots)	1014.8	+12	NNE	5	c	66	55	9	8	-	-	7-8	7-8	4000	1018.1	+14	NNE	2	b	60	65	9	4	5	-	1	1	2500	1	*	bbccy	bcyey	cbcb	bbcc										
	Eskdalemuir	1013.4	+22	N/E	4	pr	59	75	8	8	-	-	9	9	1500	1016.6	+16	N	4	b	56	65	8	8	-	-	2-3	2-3	2500	1	*	bbccy	bcyey	cbcb	bbcc										
	Point of Ayre	1014.9	+12	N/U	4	bc	63	75	8	4	-	-	4-6	4-6	2500	1016.8	+10	WNW	4	bc	62	85	8	8	-	-	2-3	2-3	1500	0	3	bbccy	bcyey	cbcb	bbcc										
13A	Tiree ...	1018.2	+14	N	6	bc	59	75	8	7	4	-	2-3	2-3	4000	1020.1	+2	N	4	b	57	75	8	1	4	-	7	1	4000	0	4	bbccy	bcyey	cbcb	bbcc										
13B	Stornoway	1020.4	+14	N/E	5	c/pr	56	85	7	8	-	-	4-6	4-6	1500	1022.4	+6	NNE	4	c	54	65	8	5	7	-	3	10	2500	1	2	bbccy	bcyey	cbcb	bbcc										
15	Dalwhinnie		+38	N	5	c	59	75	7	5	2	-	4-6	10	2500	*	420	N	4	c	49	75	8	5	6	-	7-8	9	4000	0	*	bbccy	bcyey	cbcb	bbcc										
	Aberdeen	1014.7	+20	NW	5	c	57	75	8	5	-	-	9+	9+	1500	1017.9	+18	NW	4	c	54	75	7	5	-	-	7-8	7-8	1500	1	3	bbccy	bcyey	cbcb	bbcc										
	Wick	1016.5	+22	WNW	6	c	55	92	8	5	7	1	7-8	9+	2500	1019.6	+12	NNE	6	c	54	65	8	5	7	-	7-8	10	1500	1	3	bbccy	bcyey	cbcb	bbcc										
16	Lerwick...	1015.5	+16	NNE	8	c	55	75	8	5	7	-	4-6	7-8	1500	1018.6	+10	NNE	6	c	53	75	8	5	7	-	4-6	7-8	1500	0	*	bbccy	bcyey	cbcb	bbcc										
	Blacksod Point...	1021.4	+12	N/E	4	c	62	75	8	3	6	-	4-6	7-8	2500	1022.3	+10	N/E	4	c	60	85	8	3	-	-	7-8	7-8	800																



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 12th September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th Sept. 1939.
1 S.E. England	Fresh northwest wind, strong locally on coasts, decreasing; local showers at first, fair later; local morning fog; cool; perhaps slight ground frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light to moderate north wind, becoming west, light; fair; local morning fog; cool; perhaps slight ground frost at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light to moderate north wind, backing southwest; fine at first, cloud increasing later with local rain; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light variable wind, becoming moderate southwest later, fresh locally; fair at first, occasional rain or drizzle later; local coast fog; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Light variable wind, becoming southwest, light to moderate; mainly fair but cloud increasing; local fog later on western coasts; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A depression east of Yarmouth is moving slowly southeast and a ridge of high pressure over northern districts is moving southeast. A trough of low pressure off West Ireland and West Scotland is moving east. There will be local rain in Southeast England at first and later there will be occasional rain in Scotland, elsewhere weather will be fair.

## FURTHER OUTLOOK.

Mainly fair in the Southwest; rather unsettled elsewhere.

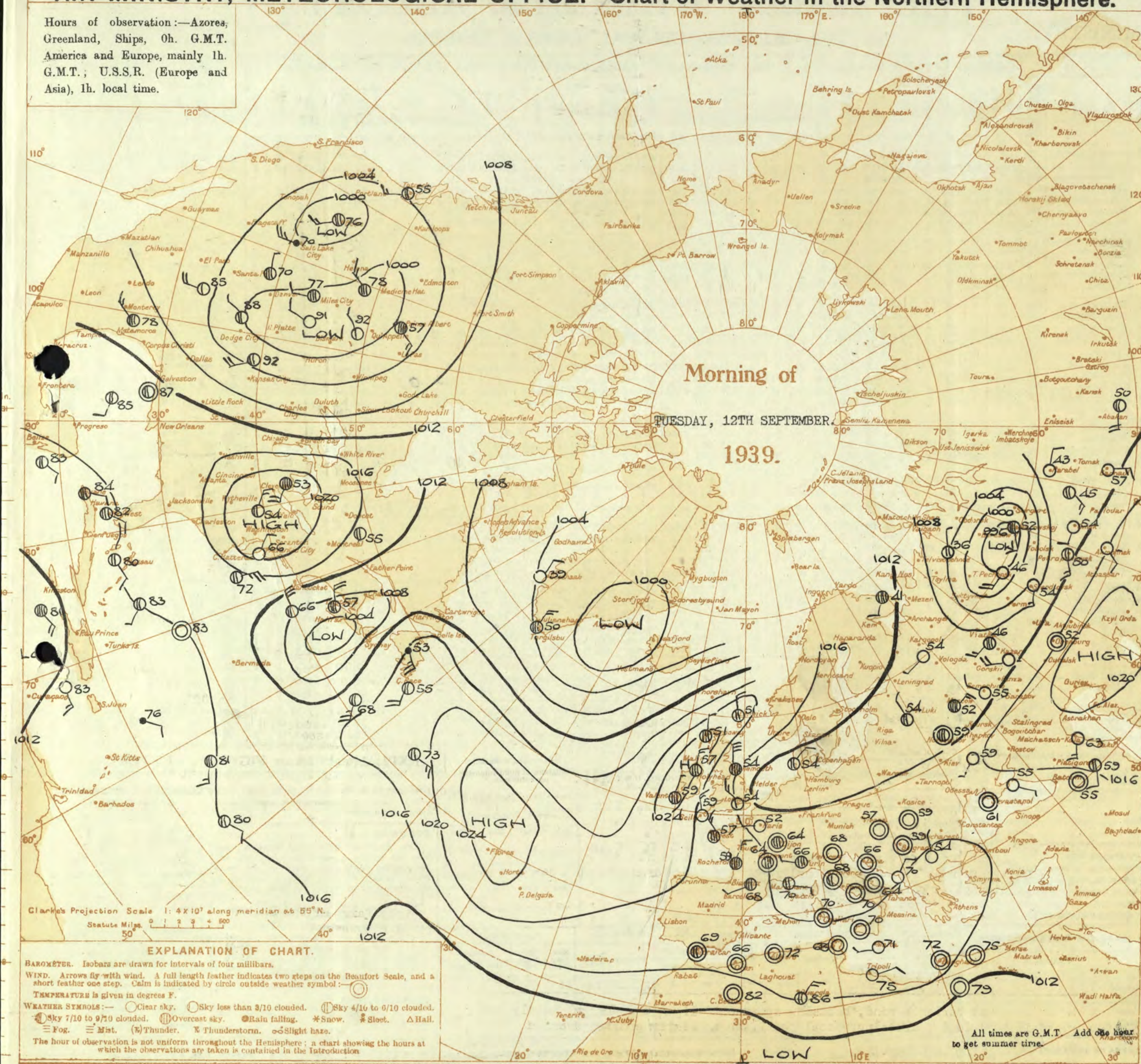
Forecasts issued at 1015 G.M.T.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 12th September, 1939.  
No. 28418.

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. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud. (9)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud. (23)					Barom. at M.S.L. (29)	Change in 3 hours. (30)	Wind. (31)	Weather. (32)	TEMPERATURE. (33)		RAINFALL. (34)		Sun-shine Hrs. (36)
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)	Amount. (24)			Height of Base. (feet) (25)	State of Ground. (26)					Sea. (27)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)					Night 18h-7h mm. (35)				
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	1015.7	+8	NNW	4	z	56	85	6	5	-	-	9+	9+	2500	0	*	66	54	47	Tr	-	7.4			
	Croydon ...	217	1015.7	+2	NNW	3	b	54	85	7	5	-	-	1015.8	+6	NNW	3	c	55	85	8	5	4	-	9+	9+	1500	0	*	67	53	*	-	Tr	*		
	S. Farnborough ...	228	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Boscombe Down ...	417	1016.9	0	NNW	3	z	53	85	6	-	-	0	0	-	1017.9	+10	NNW	4	c	52	75	7	5	-	9	9	5700	0	*	67	*	-	-	10.2		
	Calshot (Sthmtn.) ...	8	1016.3	+4	NNW	3	b	57	85	7	-	-	0	0	-	1016.8	+4	NNW	4	z	56	85	6	5	4	-	7.8	7.8	5700	0	*	65	*	-	-	*	
	Lympne ...	346	1014.4	0	NNW	4	c	55	75	7	5	-	-	9+	9+	2500	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Manston ...	154	1012.9	-2	NNW	6	c	56	85	7	5	-	-	9	9	1500	0	NNW	6	o	57	92	7	5	-	10	10	1500	0	*	68	*	*	Tr	*		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	1013.2	+6	NW	5	bc	56	45	7	5	5	-	-	4.6	7.8	1500	0	*	70	53	48	Tr	-	5.3		
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	1011.3	+2	NW	6	bc	56	97	6	6	-	-	10	10	220	1	4	*	*	*	Tr	0.2	*			
	Gorleston ...	5	1009.4	-20	WN	4	RR	59	85	7	6	-	-	10	10	1500	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Mildenhall ...	19	1013.1	*	NW	4	z	53	*	6	5	-	-	10	10	1500	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	1018.5	+10	NNW	5	bc	53	85	6	5	3	-	-	9+	9+	800	0	*	63	*	*	0.4	*	*		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	1018.4	+4	NW	4	c	50	85	6	5	-	-	7.8	7.8	2500	0	*	63	49	46	-	-	9.6			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	1017.7	-2	NNW	4	z	51	92	6	5	3	-	-	7.8	9	800	1	*	65	50	*	-	0.1	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	1018.9	+6	NEE	2	b	52	85	8	5	-	-	Tr	Tr	4000	0	*	66	49	43	-	-	9.8			
5	Hartland Point ...	299	1019.0	+2	N	2	b	58	85	8	-	-	0	0	-	1019.7	+6	N	3	c	59	85	8	8	-	9	9	1500	0	3	60	58	54	-	-	7.8	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	1019.2	+4	-	0	bc	52	92	7	1	3	-	-	1	2.3	1500	1	3	66	48	39	-	-	10		
	Portland Bill ...	32	1018.1	+2	N	3	bc	60	85	8	5	-	-	4.6	4.6	4000	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Plymouth ...	82	1019.2	+6	NNW	2	b	54	85	8	-	-	0	0	-	1019.4	+4	NNW	3	b	56	92	8	2	0	-	Tr	Tr	2500	0	1	64	53	46	-	-	9.7
	The Lizard ...	240	1020.0	+2	NW	4	bc	52	92	8	4	-	-	2.3	2.3	2500	0	2	65	92	8	8	-	-	2.3	2.3	2500	0	2	65	51	*	-	-	5.8		
	Scilly (St. Mary's) ...	163	1020.4	-2	NW	3	b	59	92	8	-	-	0	0	-	1021.2	+4	N	3	bc	57	97	8	8	-	-	4.6	4.6	2500	0	2	65	56	*	-	-	4
	Guernsey ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
6	Pembroke ...	142	1020.2	+4	NE	4	b	58	92	8	7	-	-	1	1	2500	0	2	63	92	8	8	-	-	9	9	1500	1	1	63	53	*	-	-	11.0		
7	Holyhead ...	26	1019.1	+4	NNW	4	b	58	92	7	-	-	0	0	-	1020.1	+6	NEE	2	bc	57	75	9	5	-	7	4.6	4.6	1500	1	2	*	*	*	Tr	-	*
8	Chester (Sealand) ...	16	1019.0	+10	NW	2	z	50	85	6	-	-	0	0	-	1019.1	+6	NW	2	z	48	92	5	1	4	-	Tr	2.3	2500	1	*	63	44	*	Tr	-	*
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
10	Spurn Head ...	29	1011.6	0	NNW	7	ir	56	92	6	5	-	-	10	10	1500	0	3	61	92	6	6	3	-	2.3	7.8	800	1	4	63	*	*	1	3	5.1		
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1013.9	+8	NNW	7	cq	59	92	6	6	3	-	2.3	7.8	800	1	4	61	*	*	0.2	4	*		
	Tynemouth ...	108	1016.9	+10	N	6	o	54	75	6	5	-	-	10	10	1500	0	1	58	53	50	0	2	-	-	-	-	-	0	2	65	54	31	-	-	7.7	
11	St. Abbs Head ...	280	1018.8	+10	NW	6	cq	53	75	8	5	3	-	4.6	7.8	1500	0	3	57	85	8	5	4	-	7.8	9	2500	0	3	57	51	*	0.3	Tr	*		
	Leuchars ...	36	1020.5	+4	-	0	z	41	*	6	-	-	0	0	-	1020.6	+2	WSW	1	b	41	92	9	5	-	6	Tr	1	5700	1	3	63	*	*	-	-	*
12	Renfrew (Abbots L.) ...	19	*	*	*	*	*	*	*	*	*	*	*	1020.7	+4	N	3	b	44	85	8	-	-	1	0	Tr	-	0	2	62	38	31	Tr	-	7.7		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1019.9	+2	EN	3	c	55	85	8	-	7	-	0	9+	-	0	2	65	54	*	-	-	3.9		
	Point of Ayre ...	30	1019.8	+8	ENE	2	b	57	75	8	4	-	-	Tr	Tr	2500	0	2	65	54	31	Tr	-	-	-	-	-	-	0	2	65	54	*	-	-	7.3	
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	1020.4	0	NNW	2	bc	53	75	8	5	3	6	2.3	4.6	4000	0	2	60	51	44	-	-	11.8			
13B	Stormorway ...	80	1022.7	-8	N	1	c	51	75	7	5	7	-	7.8	10	2500	0	2	59	75	8	5	7	-	7.8	9+	4000	1	1	59	50	*	Tr	Tr	2.5		
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	1021.0	-4	S	2	b	39	92	8	4	6	1	1	4000	0	2	(59)	38	29	0.4	-	0.4				
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	1020.2	+4	NNW	1	c	49	85	6	5	-	-	9+	9+	4000	1	2	58	46	44	-	-	1.2			
	Wick ...	81	1020.8	0	NNW	3	c	52	75	7	5	1	-	7.8	9+	1500	0	2	57	75	7	5	7	2	7.8	9+	1500	1	1	57	47	*	-	-	*		
16	Lerwick ...	156	1020.0	+2	NW	4	bc	51	85	8	5	-	-	4.6	4.6	1500	0	2	56	85	8	5	7	-	4.6	7.8	1500	0	*	56	48	*	-	-	7.3		
17	Blacksod Point ...	18	1023.5	-2	-	0	c	57	85	7	5	-	-	10	10	800	0	2	63	85	9	5	-	-	10	10	450	0	1	63	54	*	0.1	0.1	*		
18	Malin Head ...	84	1022.1	0	N	3	c	57	75	7	8	-	-	7.8	7.8	4000	0	3	60	65	8	5	-	-	7.8	7.8	5700	0	3	60	50	*	-	-	5.1		
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	1021.4	+2	-	0	c	51	75	8	5	-	-	9+	9+	2500	1	*	64	48	*	-	-	*			
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	1022.1	0	WS	1	c	50	97	8	5	-	-	9+	9+	2500	1	*	66	48	37	-	-	8.2			
20	Valentia Obsy.† ...	39	1023.9	+2	N	1	c	59	92	8	5	-	-	7.8	7.8	1500	0	2	64	92	8	5	-	-	10	10	2500	1	1	64	52	45	Tr	Tr	7.5		
	Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	1022.3	+4	NE	3	bc	54	92	8	5	-	-	2	2.3	4.6	1500	1	2	66	53	*	-	-	*		

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

OF THE METEOROLOGICAL OFFICE, LONDON.

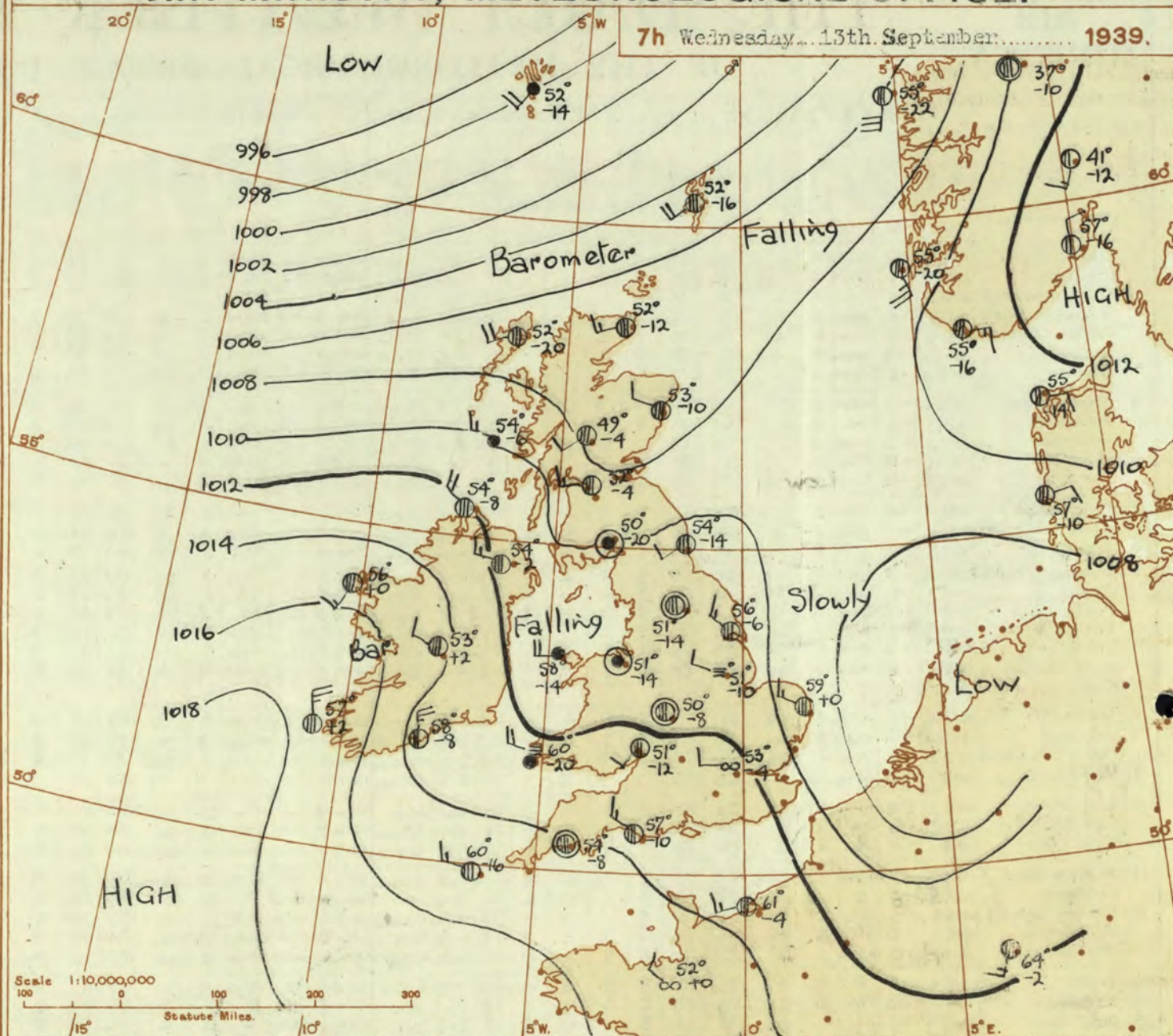
Wednesday, 17th September, 1939.  
No. 28419.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 12th September.													OBSERVATIONS at 18h. G.M.T. 12th September.													PAST 24 HOURS.																					
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.																			
				Dir.	Force 0-12					Form.	Amount.	Height of Base (feet)	Dir.	Force 0-12			Form.	Amount.					Height of Base (feet)	Dir.	Force 0-12	Form.	Amount.			Height of Base (feet)	7h.—13h. 12th.	13h.—18h. 12th.	18h.—24h. 13th.	1h.—7h. 13th.															
																																			Low	Mod.	High	Low	Mod.	High	Low	Mod.	High	Low	Mod.	High	Low	Mod.	High
1	London (Kew)...	1016.1	-2	NNW	4	c	62	65	7	5	4	-	9	9	1500	1015.2	-4	NNW	3	c	61	65	7	5	-	10	10	1500	0	*	cnc	c	cnc	cm.															
	Croydon ...	1016.1	-2	NNW	4	c	60	75	7	5	-	-	9	9	1500	1015.5	-2	NNW	4	c	60	75	7	5	-	10	10	1500	0	*	cnc	c	cnc	cm.															
	S. Farnborough	1016.7	-6	NNW	4	c	62	65	7	4	-	-	9	9	2500	1016.3	-10	NNW	2	c	60	75	7	5	-	2-3	2-3	4000	0	*	cnc	c	cnc	cm.															
	Boscombe Down	1017.7	-4	NNW	4	c	62	65	8	1	-	-	4-6	4-6	4000	1016.4	-2	NNW	3	c	64	75	7	5	-	3	3	4000	0	2	cnc	c	cnc	cm.															
	Calshot (Soton.)	1017.0	-2	NNW	4	c	65	75	8	2	-	-	7-8	7-8	2500	1016.4	-2	NNW	5	c	59	85	7	5	-	4-6	3	1500	0	3	cnc	c	cnc	cm.															
	Lymington	1014.1	-2	NNW	4	c	61	75	8	5	-	-	3	3	1500	1011.3	0	NNW	5	c	59	85	7	5	-	4-6	7-8	2500	0	*	cnc	c	cnc	cm.															
	Manston	1012.0	-8	NNW	6	c	65	75	8	5	7	-	3	3	1500	1011.5	+2	NNW	5	c	61	82	8	8	-	4-6	7-8	2500	0	*	cnc	c	cnc	cm.															
2	Shoeburyness ...	1013.6	-2	NNW	5	c	65	85	8	8	6	-	7-8	7-8	1500	1013.4	0	NNW	5	c	61	82	8	8	-	7-8	3	2500	0	*	cnc	c	cnc	cm.															
	Felixstowe	1011.9	-2	N	6	c	67	85	8	8	-	-	3	3	1500	1012.0	+2	NNW	4	c	62	85	8	8	-	4-6	4-6	1500	0	2	cnc	c	cnc	cm.															
	Gorleston	1011.0	+6	NNW	6	c	63	85	7	8	5	-	4-6	7-8	2500	1011.3	+2	NNW	4	c	63	85	7	8	-	4-6	7-8	2500	0	3	cnc	c	cnc	cm.															
	Mildenhall	1014.3	+6	NNW	5	c	61	92	7	6	7	-	3	3	1500	1013.9	0	NNW	4	c	61	85	7	5	-	3	3	1500	0	1	cnc	c	cnc	cm.															
	Cranwell	1016.6	+2	NNW	4	c	59	85	6	5	-	-	10	10	1500	1015.9	-2	NNW	3	c	57	92	6	5	-	7-8	10	1500	0	*	cnc	c	cnc	cm.															
3	Birmingham ...	1018.4	-4	NNW	3	c	61	65	7	7	-	-	7-8	7-8	1500	1017.1	-6	NNW	3	c	58	75	7	5	-	4-6	4-6	4000	0	*	cnc	c	cnc	cm.															
	Upper Heyford	1017.2	*	NNW	4	c	63	65	6	2	4	-	2-3	4-6	1500	1016.7	-2	NNW	3	c	59	85	6	5	-	4-6	3	4000	0	*	cnc	c	cnc	cm.															
4	Ross-on-Wye ...	1017.8	-6	NNW	3	c	65	65	9	7	-	-	4-6	4-6	4000	1016.9	-8	NNW	2	c	60	75	8	7	-	4-6	4-6	2500	0	*	cnc	c	cnc	cm.															
5	Hartland Point ...	1020.2	-6	NNW	2	c	60	85	8	8	4	-	4-6	4-6	2500	1018.8	-2	NNW	3	c	58	75	8	5	-	2-3	4-6	1500	0	3	cnc	c	cnc	cm.															
	Bristol ...	1018.7	*	NNW	4	c	65	65	9	4	-	-	4-6	4-6	2500	1016.5	-2	NNW	3	c	58	65	8	8	-	4-6	4-6	2500	0	*	cnc	c	cnc	cm.															
	Portland Bill	1018.7	-12	NNW	3	c	64	85	8	5	-	-	4-6	7-8	4000	1018.0	-20	NNW	2	c	62	85	8	5	-	4-6	4-6	4000	0	3	cnc	c	cnc	cm.															
	Plymouth	1019.4	-6	NNW	4	c	65	65	8	1	-	-	2-3	2-3	4000	1018.6	-2	NNW	3	c	61	75	8	2	-	6	2-3	4-6	4000	0	1	cnc	c	cnc	cm.														
	The Lizard	1020.3	+2	NNW	4	c	66	65	8	6	-	-	4-6	4-6	2500	1019.2	-6	NNW	5	c	61	85	8	3	-	7-8	7-8	2500	0	2	cnc	c	cnc	cm.															
	Scilly (St. Mary's)	1022.1	+2	NNW	4	c	64	85	8	8	-	-	4-6	4-6	2500	1020.2	-12	NNW	4	c	59	92	8	8	-	7-8	3	1500	0	2	cnc	c	cnc	cm.															
	Guernsey	1022.1	+2	NNW	4	c	64	85	8	8	-	-	4-6	4-6	2500	1020.2	-12	NNW	4	c	59	92	8	8	-	7-8	3	1500	0	2	cnc	c	cnc	cm.															
6	Pembroke ...	1021.0	-2	NNW	3	c	61	75	8	2	4	-	4-6	4-6	2500	1019.6	-6	NNW	3	c	57	75	3	8	-	3	3	2500	0	2	cnc	c	cnc	cm.															
7	Holyhead	1020.4	-4	NNW	3	c	60	85	8	7	3	-	2-3	2-3	1500	1018.6	-12	NNW	3	c	57	65	3	5	-	3	3	1500	0	2	cnc	c	cnc	cm.															
	Chester (Sealand)	1019.5	-6	NNW	4	c	60	75	8	7	-	-	2-3	2-3	4000	1018.0	-10	NNW	3	c	57	75	3	4	-	1	2-3	4000	0	*	cnc	c	cnc	cm.															
8	Manchester	1018.7	-10	NNW	2	c	63	75	7	3	-	-	2-3	4-6	2500	1017.4	-2	NNW	3	c	59	75	7	5	-	7-8	7-8	2500	0	*	cnc	c	cnc	cm.															
10	Spurn Head	1015.0	+8	NNW	7	c	60	82	5	5	-	-	10	10	450	1014.4	-4	NNW	6	c	58	82	6	5	-	7-8	3	300	0	4	cnc	c	cnc	cm.															
	Catterick	1018.8	-2	NNW	2	c	58	85	7	5	-	-	3	3	2500	1016.7	-10	NNW	0	c	58	85	7	5	-	7-8	3	2500	0	*	cnc	c	cnc	cm.															
	Tynemouth	1019.1	-4	NNW	4	c	57	85	7	8	-	-	7-8	7-8	1500	1017.5	-6	NNW	3	c	55	82	8	8	-	2-3	4-6	2500	0	3	cnc	c	cnc	cm.															
11	St. Abbs Head...	1019.5	-6	NNW	2	c	55	75	8	7	4	-	4-6	4-6	2500	1016.3	-8	NNW	3	c	54	85	8	4	-	2-3	4-6	2500	0	3	cnc	c	cnc	cm.															
	Leuchars	1019.2	-16	S	1	c	62	55	8	-	-	-	2	2	-	1016.0	-10	S	3	c	56	85	8	-	7	2	0	7-8	-	1	cnc	c	cnc	cm.															
12	Renfrew (AbbotsI.)	1019.3	-18	WSW	2	c	63	55	8	1	-	-	4-6	4-6	4000	1017.2	-10	WSW	2	c	56	75	8	5	-	7-8	3	2500	0	*	cnc	c	cnc	cm.															
	Eskdalemuir	1018.3	-10	SSW	2	c	59	75	8	7	-	-	4-6	4-6	2500	1016.6	-10	WSW	3	c	54	75	8	5	-	4	4	4000	0	1	cnc	c	cnc	cm.															
	Point of Ayre	1019.3	-6	NNW	3	c	60	75	8	2	-	-	4-6	4-6	2500	1017.8	-18	NNW	3	c	57	75	8	4	-	1	4-6	4000	0	2	cnc	c	cnc	cm.															
13A	Tiree ...	1018.4	-14	S	3	c	60	75	8	5	3	-	4-6	7-8	4000	1014.4	-18	SSW	4	c	57	87	6	-	2	-	10	10	450	0	3	cnc	c	cnc	cm.														
13B	Stornoway	1017.5	-20	SSW	6	c	55	75	8	5	7	-	7-8	3	2500	1013.8	-12	S	7	c	56	87	6	8	-	10	10	450	0	3	cnc	c	cnc	cm.															
15	Dalwhinnie	1018.4	-20	SW	4	c	58	65	8	-	-	-	0	2-3	-	1016.1	-20	S	4	c	52	75	8	5	-	4-6	10	4000	0	*	cnc	c	cnc	cm.															
	Aberdeen	1018.7	-12	SEE	3	c	58	65	8	5	-	-	0	2-3	4000	1016.2	-18	S	3	c	54	75	7	-	7	5	0	7-8	-	0	cnc	c	cnc	cm.															
	Wick	1017.4	-20	S	4	c	54	65	8	5	7	-	4-6	7-8	2500	1013.5	-10	S	3	c	55	85	8	5	-	7	8	2500	0	1	cnc	c	cnc	cm.															
16	Lerwick...	1016.2	-22	SSW	4	c	52	85	8	5	7	-	4-6	9	1500	1013.1	-10	SSW	5	c	52	85	8	8	-	7-8	3	800	0	*	cnc	c	cnc	cm.															
17	Blacksod Point...	1021.0	-10	WSW	3	c	59	85	8	5	-	-	10	10	1500	1017.5	-20	SW	3	c	56	87	6	-	-	10	10	450	0	3	cnc	c	cnc	cm.															
18	Malin Head	1019.8	-14	W	4	c	60	65	8	4	8	-	4-6	7-8	5700	1016.6	-12	WSW	3	c	58	85	6	-	-	3	3	1500	0	2	cnc	c	cnc	cm.															
	Aldergrove	1020.5	-10	WS	2	c	61	75	8	5	3	-	3	3	2500	1017.5	-16	WSW	2	c	59	75	8	5	-	7	3																						



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday 13th September 1939.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th September, 1939.

1 S.E. England	Moderate west wind veering northwest fresh, squally, strong locally on coasts; occasional rain at first, bright intervals and local thundery showers later; becoming colder.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate west to northwest wind, freshening later, veering north strong locally on coasts; bright intervals, showers, local thunder; becoming colder.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Freshening west to northwest wind, veering north, strong on coasts; bright intervals, showers; local thunder; becoming colder.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	As 7 - 12.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

A depression near the Faeroes and a associated trough extending from Shetland to west of the Scilly Isles are moving southeast. A belt of rain over North and West England will move southeast followed by showery conditions with local thunder.

### FURTHER OUTLOOK.

Rather cold and showery with local thunder.

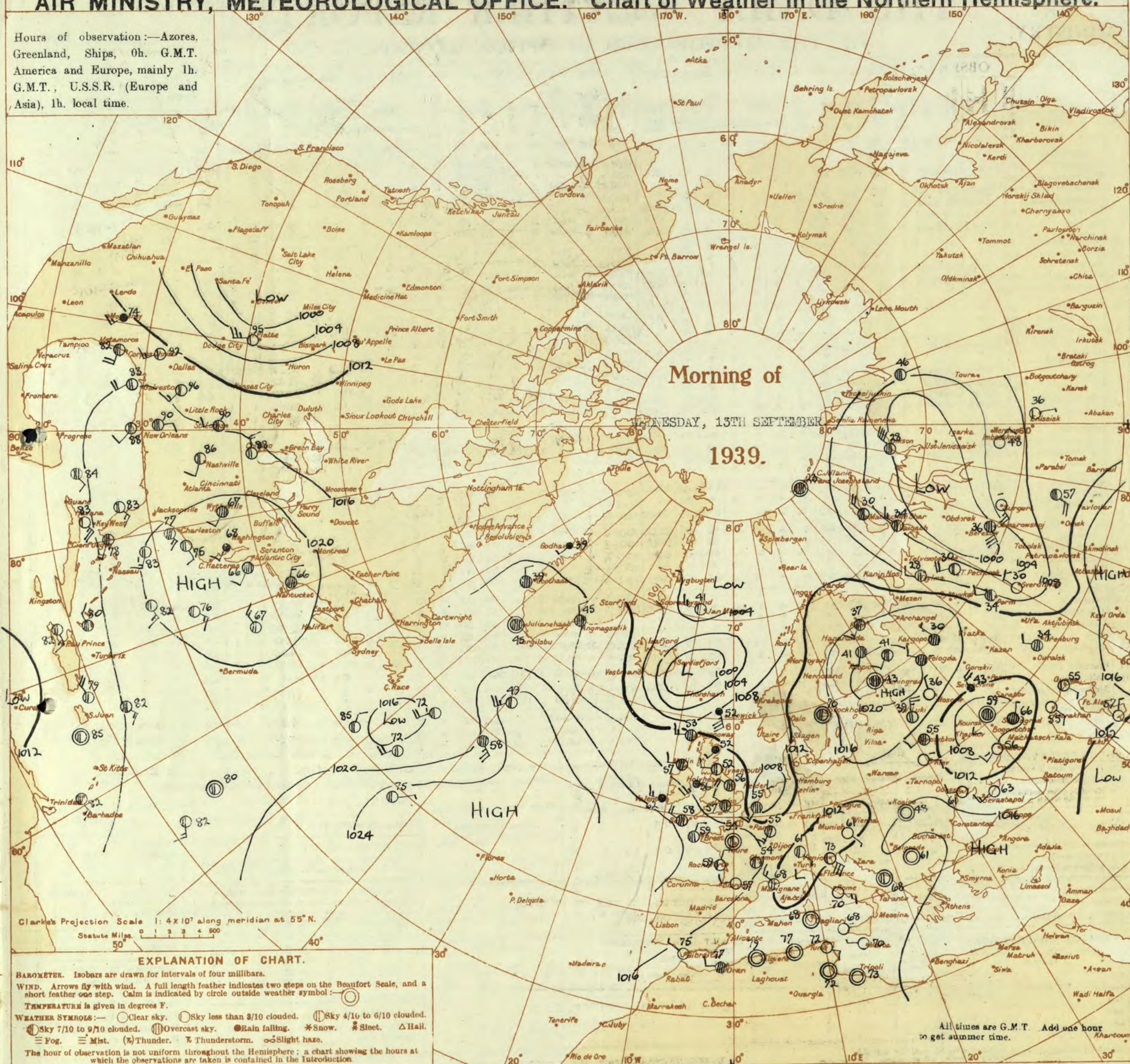
Forecasts issued at 0945 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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

Wednesday, 13th September, 1939.  
No. 26419.

OBSERVATIONS at 1 hr. G.M.T. 13th September														OBSERVATIONS at 7 hr. G.M.T. 13th 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.		SUN-SHINE 12 Hrs. (36)			
					Dir. (3)	Force. (4)					Form.	Amount.		Height of Base (feet) (14)			Dir. (17)	Force (18)					Form.	Amount.		Height of Base (feet) (28)			Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h 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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1012.4	-6	NNW	2	Z.	53	85	5	5	-	7	2-3	10	1500	0	*	63	52	45	-	0.1	1.3		
	Croydon	217	1014.3	-10	NWN	2	C	57	92	7	5	-	-	10	10	1500	1012.7	-4	W	2	53	92	6	5	-	10	10	1500	0	*	62	53	*	Tr	-	*	
	S. Farnborough	226	*	*	*	*	*	*	*	*	*	*	*	1012.4	-2	WSW	2	Z.	50	92	6	5	7	-	2-3	9+	5700	0	*	*	47	*	-	-	*		
	Boscombe Down	417	1015.2	-10	NWN	2	Z.	48	92	6	-	-	-	0	0	-	1013.3	-4	-	0	49	97	6	5	2	-	4-6	10	5700	1	*	64	48	*	Tr	*	
	Calshot (Stmntn.)	8	1014.5	-12	NWN	3	b	55	92	7	5	-	-	2-3	2-3	4000	1011.5	+2	NNW	3	55	85	6	5	-	10	10	450	0	*	64	54	*	Tr	-	*	
	Lympe	346	1012.1	-12	NNW	4	b	55	92	7	5	-	-	1	1	1500	1010.1	0	NNW	4	58	92	7	5	-	10	10	800	0	*	67	57	54	1	-	3.3	
	Mauston	154	1010.7	-10	NWN	5	c	60	92	7	5	-	-	10	10	1500																					
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1011.0	-4	NW	3	55	97	6	5	-	-	10	10	800	0	*	66	54	50	7	Tr	2.5			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1010.0	0	NNW	5	57	92	7	5	-	-	10	10	800	0	2	64	57	56	0.3	Tr	*			
	Gorleston	5	1011.9	-6	NW	4	C	60	92	7	5	-	-	7-8	7-8	2500	1009.0	0	NNW	3	59	92	6	5	-	10	10	1500	1	2	64	57	56	0.2	4	*	
	Mildenhall	19	1012.8	-10	NWN	3	C	55	97	7	5	-	-	10	10	800	1011.0	-2	NW	3	54	97	5	5	-	10	10	450	1	1	64	53	*	Tr	Tr	*	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1011.4	-10	NWN	2	M	51	92	4	-	7	-	0	10	-	0	*	60	49	*	Tr	Tr	*		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1012.4	-8	-	0	C	50	85	6	5	7	-	9	10	4000	0	*	63	49	45	-	-	4.0		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1012.8	-8	NW	2	Z.	49	92	6	5	7	-	4-6	10	4000	0	*	64	48	*	-	-	*		
4	Roos-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1012.5	-12	SW	2	C	51	92	8	5	2	-	2-3	10	2500	0	*	68	47	41	-	-	10.3		
5	Hartland Point	299	1016.4	-16	N	3	C	56	75	8	5	-	-	7-8	7-8	2500	1012.8	-14	W	3	56	97	6	5	-	10	10	1500	1	2	61	55	53	-	7	8.7	
	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1013.1	-10	SW	1	ir	53	92	8	8	7	8	4-6	9+	2500	0	*	68	50	44	-	-	8.2		
	Portland Bill	32	1014.6	-8	N	3	bc	59	85	7	4	-	-	4-6	4-6	4000	1014.3	-10	NW	3	57	85	7	5	-	10	10	4000	1	2	64	56	*	-	-	*	
	Plymouth	82	1016.6	-12	NW	3	bc	56	75	8	-	-	3	0	4-6	-	1014.1	-8	-	0	54	97	6	-	2	-	10	10	1500	1	1	66	52	51	-	3.3	11.0
	The Lizard	240	1017.7	-16	NW	3	C	55	85	7	8	2	-	7-8	5+	2500	1014.7	-20	W	3	57	83	7	5	-	10	10	1500	1	1	67	53	*	-	1	10.9	
	Seilly (St. Mary's)	163	1018.4	-10	NW	4	C	58	92	8	5	4	-	4-6	7-8	2500	1014.7	-16	NW	3	57	83	7	5	-	7-8	9+	1500	1	2	65	57	*	-	2	7.7	
	Guernsey	175																																			
6	Pembroke	142	1016.2	-12	WS	1	C	57	85	8	5	-	-	9+	9+	2500	1012.4	-20	NW	4	56	97	6	5	-	10	10	450	1	2	62	53	*	-	5	5.6	
7	Holyhead	26	1015.0	-18	WS	1	rr	56	75	7	6	2	-	10	10	800	1010.8	-14	W	4	58	97	6	5	-	10	10	450	1	2	61	49	*	-	5	*	
	Chester (Sealand)	16	1015.3	-20	WS	1	Z.	50	85	6	5	-	-	10	10	2500	1011.7	-14	-	0	51	92	4	-	2	-	10	10	1500	1	*	61	47	*	-	0.4	*
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*																						
10	Spurn Head	29	1013.0	-10	NW	4	C	56	97	6	5	-	-	4-6	4-6	2500	1010.7	-6	NW	3	56	97	5	5	-	9	9	2500	1	3	61	*	*	0.1	0.1	0.5	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1010.1	-14	-	0	C	51	97	7	5	-	9	9	2500	0	*	61	49	*	-	-	-	*		
	Tynemouth	108	1013.7	-26	W	2	bc	52	92	5	2	-	-	2-3	2-3	2500	1010.3	-14	SW	2	54	85	5	8	-	9+	9+	1500	1	2	(57)	51	45	-	Tr	*	
11	St. Abbs Head	280	1012.3	-30	W	3	0	51	85	8	5	-	-	10	10	2500	1008.6	-12	NW	1	54	92	8	8	2	-	7-8	9	1500	1	2	56	49	*	-	1	*
	Leuchars	36	1011.8	-22	SW	1	ir	52	97	7	5	-	-	10	10	1500	1007.9	-16	SW	3	53	97	7	5	7	-	2-3	4-6	1500	1	*	62	51	*	-	4	*
12	Renfrew (Abbots L.)	19	1012.7	-22	SSW	1	0	53	92	5	5	-	-	10	10	800	1010.2	-4	WS	3	52	92	8	5	-	7-8	7-8	4000	1	*	63	52	*	-	0.5	*	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	-20	-	0	50	97	6	5	-	10	10	1500	1	*	62	47	43	-	6	9.3		
	Point of Ayre	30	1014.1	-20	WS	2	C	55	85	8	8	2	-	4-6	10	1500	1010.8	-10	N	4	57	85	8	8	7	-	4-6	7-8	1500	1	3	62	53	*	-	5	7.8
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1010.0	-6	NW	3	pr	54	92	8	8	-	-	7-8	7-8	1500	1	3	61	52	50	3	4	1.5		
13b	Stormorway	80	1011.8	-6	W	3	pr	53	92	7	5	2	-	9	10	2500	1008.7	-20	WSW	4	52	92	8	8	7	-	4-6	7-8	4000	1	2	57	51	*	-	1	1.6
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1007.6	-10	NW	2	C	49	85	8	5	-	-	9+	9+	4000	0	*	60	*	45	-	1	7.5		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1007.6	-10	NW	2	C	53	92	8	5	3	6	4-6	7-8	1500	1	1	59	51	43	-	2	8.1		
	Wick	81	1008.6	-24	SSW	4	C	50	97	5	5	2	-	7-8	10	1500	1006.5	-12	WSW	3	52	92	8	5	7	-	4-6	7-8	1500	1	1	56	50	*	-		



AIR  
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## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

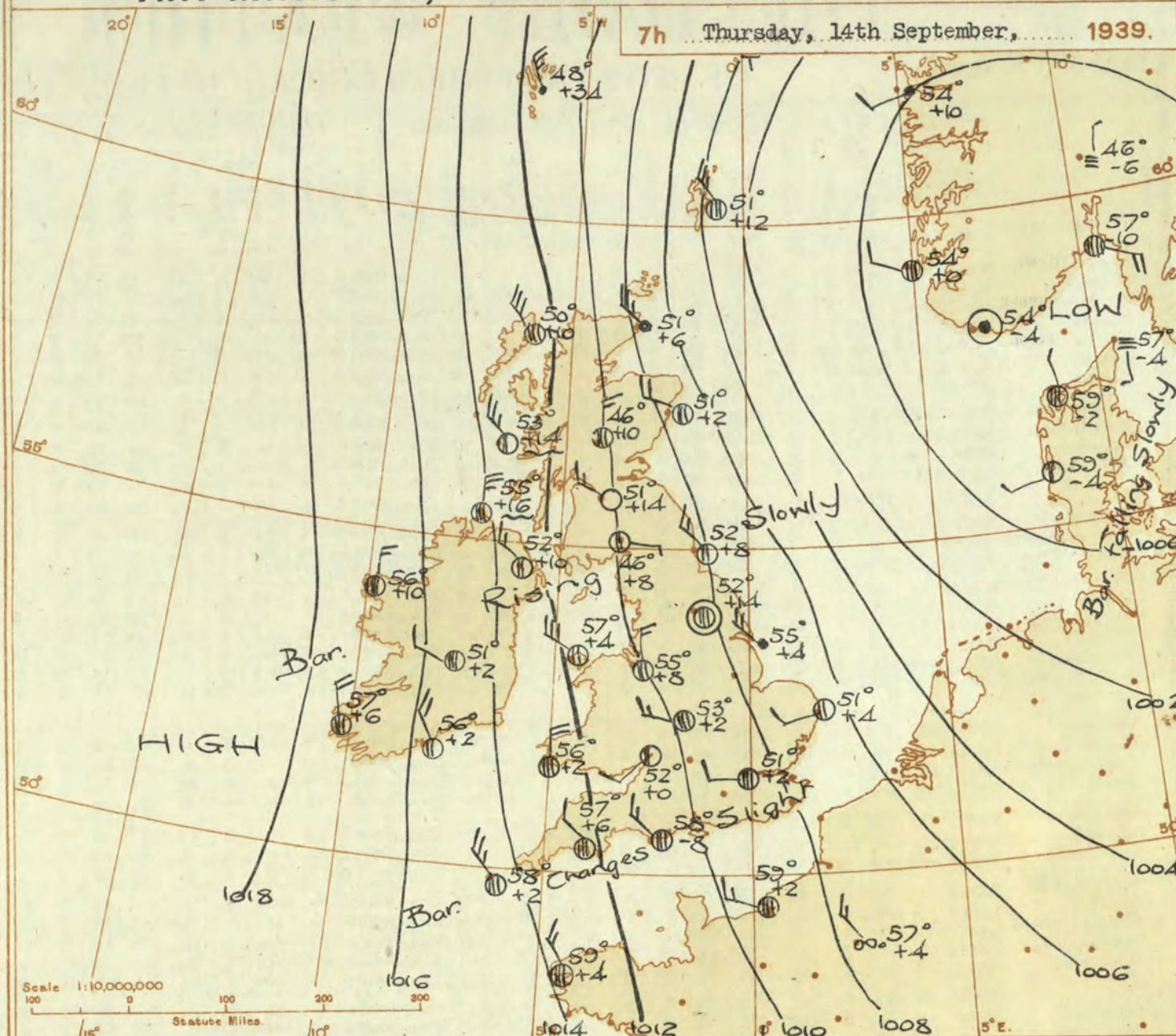
Thursday, 14th September, 1939.  
No. 28420.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 13th September														OBSERVATIONS at 18h. G.M.T. 13th September														PAST 24 HOURS.														
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. °	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. °	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.														
				Dir.	Force 0-12					Form	Amount. Low 0-10	Total 0-10	Height of Base (feet)	Dir.			Force 0-12	Form					Amount. Low 0-10	Total 0-10	Height of Base (feet)	7h.—13h. 13th	13h.—18h. 13th			18h.—1st 14th	1st.—7h. 14th													
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne ... Manston ...	1010.2 1010.6 1010.2 1010.4 1011.0 1010.8 1009.2	-14 -16 -18 -22 -16 -6 -10	N N N N N N N	3 3 3 3 3 3 3	C C C C C C C	59 61 59 60 62 61 63	65 65 65 75 75 75 75	7 6 7 7 7 6 6	5 7 7 5 7 5 5	7 7 7 2 7 1 2	- - - - - - -	10 3 7 9 2 10 3	1500 2500 2500 2500 2500 1500 2500	1008.3 1009.7 1008.3 1008.5 1008.8 1009.2 1007.7	-8 -2 -10 -12 -10 -2 -2	WSW W/S WSW N W/S W/N W/S	2 1 1 5 2 2 2	id. d.d. c/d c/pr N c/r c	58 57 58 58 61 58 60	92 97 92 85 92 75 75	6 5 7 7 6 6 4	5 2 5 9 3 6 4	- - - - - - -	7-8 7-8 7-8 7-8 7-8 7-8 9	10 10 9 9 9 9 9	1500 800 800 1500 800 2500 4000	0 1 1 1 0 0 0	*	*	*	*	*	cm cm cm cm cm cm cm	c c c c c c c	cid czwcd cm cm cm cm cm	c d d d d d d	c d d d d d d	cb cb cb cb cb cb cb	cb cb cb cb cb cb cb	bb bm bm bm bm bm bm	cc cc cc cc cc cc cc		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1010.1 1009.0 1008.2 1009.2 1008.8	-12 -10 -8 -14 -20	NW N N N N	2 3 3 3 2	C C C C C	62 64 63 59 61	85 75 85 75 65	7 7 7 6 7	5 5 8 5 5	7 1 1 7 7	- - - - -	4-6 7-8 4-6 4-6 2-3	10 10 10 3 10	5700 2500 2500 2500 2500	1008.3 1007.5 1006.8 1007.5 1007.2	-8 -6 -6 -6 -10	NW W SW W/N NW	2 4 2 3 2	c ir ir id. 20	59 61 60 56 58	85 75 75 92 85	6 7 6 5 6	8 5 - 5 5	7 - 2 - 7	- - - - -	9 9 9 10 7-8	10 9 9 10 7-8	2500 2500 2500 800 1500	0 0 1 1 0	*	*	*	*	*	om om om om om	m m m m m	ir r r cd cd	b b b d d	c c c m m	cb cb cb cb cb	cb cb cb cb cb	bm bm bm bm bm	cc cc cc cc cc
3	Birmingham ... Upper Heyford	1009.6 1010.3	-16 -18	NW N	2 2	C C	57 59	85 75	8 8	6 5	- 2	- -	10 9	800 2500	1009.0 1009.6	-4 -4	NW NW	3 2	bc 20	57 55	65 92	7 6	8 5	4 7	- -	4-6 4-6	4-6 9	2500 1500	0 1	*	*	eor cm	or cm	ar cm	or cm	bc cb	bc cb	b b	b b	R R	R R			
4	Ross-on-Wye ...	1009.7	-20	NW	3	C	61	85	6	5	-	-	9	3	1500	1009.6	0	NW	2	bc	58	75	9	5	-	-	4-6	4-6	4000	1	*	*	eor cm	or cm	ar cm	or cm	bc cb	bc cb	b b	b b	R R	R R		
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) Guernsey ...	1011.8 1010.5 1012.2 1011.1 1012.3 1013.8 1013.8	0 -18 -14 -16 -8 -2 -2	N N N N N N N	2 3 3 3 4 5 5	C C C C C C C	60 60 58 65 63 61 61	85 85 92 85 82 92 92	8 8 7 7 8 8 8	8 5 5 9 8 8 8	6 2 2 2 2 7 7	- - - - - - -	4-6 7-8 10 10 9 9 7-8	1500 1500 1500 1500 1500 1500 1500	1011.5 1009.5 1009.1 1011.1 1013.0 1014.1 1014.1	-2 0 -10 -10 +8 +4 +2	NW N NW NW NW NW NW	4 3 3 3 4 4 4	bc N bc bc c bc bc	59 58 60 60 58 59 59	75 85 92 92 75 85 85	8 7 8 8 8 8 8	4 9 3 5 3 3 4	5 3 - - - - 1	- - - - - - -	4-6 7-8 2-3 4-6 4-6 7-8 2-3	4-6 9 2-3 4-6 4-6 7-8 4-6	2500 1500 2500 2500 2500 2500 2500	0 1 1 1 1 1 1	3 *	3 *	3 *	3 *	3 *	cm cm cm cm cm cm cm	c c c c c c c	cd cd cd cd cd cd cd	d d d d d d d	cb cb cb cb cb cb cb	cb cb cb cb cb cb cb	cc cc cc cc cc cc cc	c c c c c c c		
6	Pembroke ...	1012.7	+2	N/E	5	C	58	75	8	8	2	-	7-8	3	1500	1011.9	-4	NW	4	c	60	75	9	8	4	-	4-6	7-8	1500	1	2	df d	pr d	ac d	co d	co d	co d	co d	co d	co d	co d	co d		
7	Holyhead ...	1011.2	-2	NW	4	C	59	75	7	5	-	-	4-6	4-6	1500	1010.0	-6	W	3	c	58	85	8	6	-	-	9	9	1500	1	2	df d	pr d	ac d	co d	co d	co d	co d	co d	co d	co d			
8	Chester (Sealand) Manchester ...	1010.3 1009.6	-2 -8	NW NW	4 3	C C	60 59	65 85	8 7	8 7	- 3	- -	7-8 9	7-8 3	2500 1500	1009.5 1008.7	-4 -2	WNW WNW	4 4	bc bc	58 58	75 85	8 8	8 8	3 -	- -	4-6 4-6	4-6 4-6	2500 2500	1 1	*	*	df d	pr d	ac d	co d	co d	co d	co d	co d	co d			
10	Spurn Head ... Catterick ... Tynemouth ...	1008.2 1007.9 1007.8	-14 -10 -8	NW N N	3 2 2	C C C	62 59 60	75 75 75	6 6 6	5 5 8	3 5 -	- - -	7-8 3 7-8	3 3 10	2500 1500 1500	1006.5 1006.6 1007.0	-8 -2 -2	NW NW E	4 2 2	rr c c	57 60 55	92 65 85	4 7 7	5 8 2	- - 3	- - -	10 7-8 4-6	10 7-8 7-8	800 2500 2500	1 1 1	3 *	3 *	cm om	pr ad	ac d	co d	co d	co d	co d	co d	co d			
11	St. Abbs Head... Leuchars ...	1006.3 1006.8	0 -6	N N	2 3	C C	58 63	75 65	8 5	8 8	6 4	- -	4-6 7-8	2500 2500	1005.8 1005.6	-6 -6	WNW W	4 1	bc/pr bc/pr	57 61	75 75	8 9	8 8	4 -	9 -	4-6 4-6	4-6 4-6	2500 4000	0 1	2 *	2 *	cm bc	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr				
12	Renfrew (Abbots) Eskdalemuir ... Point of Ayre ...	1008.7 1007.8 100.2	-14 -4 -6	NW N N	4 3 5	C C C	61 58 60	65 65 85	5 8 8	8 8 8	6 - 3	- - -	7-8 9 2-3	2500 2500 2500	1008.1 1007.0 1009.3	-4 -4 -2	WNW WNW NNW	3 4 5	bc bc bc	56 54 58	85 75 85	8 8 8	8 8 8	- - 4	- - -	2-3 4-6 2-3	2-3 4-6 2-3	2500 1500 2500	0 1 0	*	*	cm d	pr d	ac d	co d	co d	co d	co d	co d	co d				
13A	Tiree ...	1009.3	-2	NW	4	C	59	75	8	8	6	-	4-6	4-6	1500	1009.1	0	NW	4	c	57	85	8	8	-	-	7-8	7-8	1500	0	3	be pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr	co pr			
13B	Stornoway ...	1008.1	0	NW	4	C	55	92	7	8	-	-	7-8	7-8	2500	1008.2	+2	NNW	4	c	55	85	8	5	7	-	7-8	9	2500	1	2	be pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr	co pr			
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick...	* 1006.3 1004.7 1001.4	-10 -8 -10 -14	N N N N	3 2 3 5	C C C C	56 61 58 58	75 65 85 85	7 8 8 8	4 5 5 8	6 1 7 7	- - - -	4-6 3 7-8 7-8	2500 4000 1500 800	1007.5 1005.5 1009.5 1000.0	-2 -2 +2 0	W NW NW W	3 1 5 5	c c/pr c/pr c/pr	52 56 54 52	85 85 85 92	7 8 8 8	6 8 7 7	- - 8 -	- - 7 -	7-8 9 4-6 4-6	9 1500 1500 800	0 1 1 1	*	*	cm pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr	co pr				
17	Blacksod Point...	1015.0	0	WNW	4	C	60	75	8	3	-	-	4-6	4-6	1500	1015.0	0	WNW	4	bc	57	75	8	3	5	-	4-6	4-6	800	0	3	be pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr	co pr			
18	Malin Head ... Aldergrove ...	1011.4 1011.0	-4 -10	NW N	4 2	C C	59 60	75 75	8 8	8 8	4 -	- -	7-8 7-8	4000 2500	1011.1 1010.5	+4 -2	NNW WNW	4 3	bc c/pr	57 57	75 75	8 8	2 8	- -	2 -	2-3 9	4-6 9	4000 2500	0 1	3 *	3 *	be pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr				
19	Birr Castle ...	1014.3	-6	NW	2	C	60	75	8	8	-	-	7-8	7-8	1500	1013.8	-2	WNW	1	c	57	85	8	5	7	-	7-8	9	1500	1	*	cm pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr	co pr			
20	Valentia Obsy.† Roche's Point ...	1017.6 1015.2	-2 0	NW N	4 4	C C	59 61	85 85	8 8	5 8	- -	- -	7-8 7-8	1500 1500	1013.8 1013.9	-2 -2	WNW N	1 5	c bc	57 60	85 75	8 9	8 5	- -	4 9	7-8 4-6	9 4-6	1500 2500	1 1	3 2	3 2	cm pr	pr pr	ac pr	co pr	co pr	co pr	co pr	co pr	co pr	co pr			



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 14th September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th September, 1939.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Moderate to fresh squally northwest wind, decreasing and backing west; bright intervals and local thundery showers, fair later; rather cold, slight ground frost locally at night.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 { A.W. Scotld. B.N.W. Scot- land. 14 Mid Scotland	Fresh squally northwest to north wind, strong on coasts, decreasing and backing south, freshening again later; bright intervals and local thundery showers at first, mainly fair tonight, rain later tomorrow morning; rather cold; slight ground frost locally tonight.
15 N. E. Scotland 16 Orkney and Shetland 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	

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

## GENERAL INFERENCE.

A complex depression over Scandinavia and Denmark and a ridge of high pressure west of Ireland are moving east. A deep depression off South Greenland is moving eastwards. There will be bright intervals and showers at first followed by a fair interval tonight in England, Wales and Ireland. Rain will spread from the west to western districts tomorrow morning.

## FURTHER OUTLOOK.

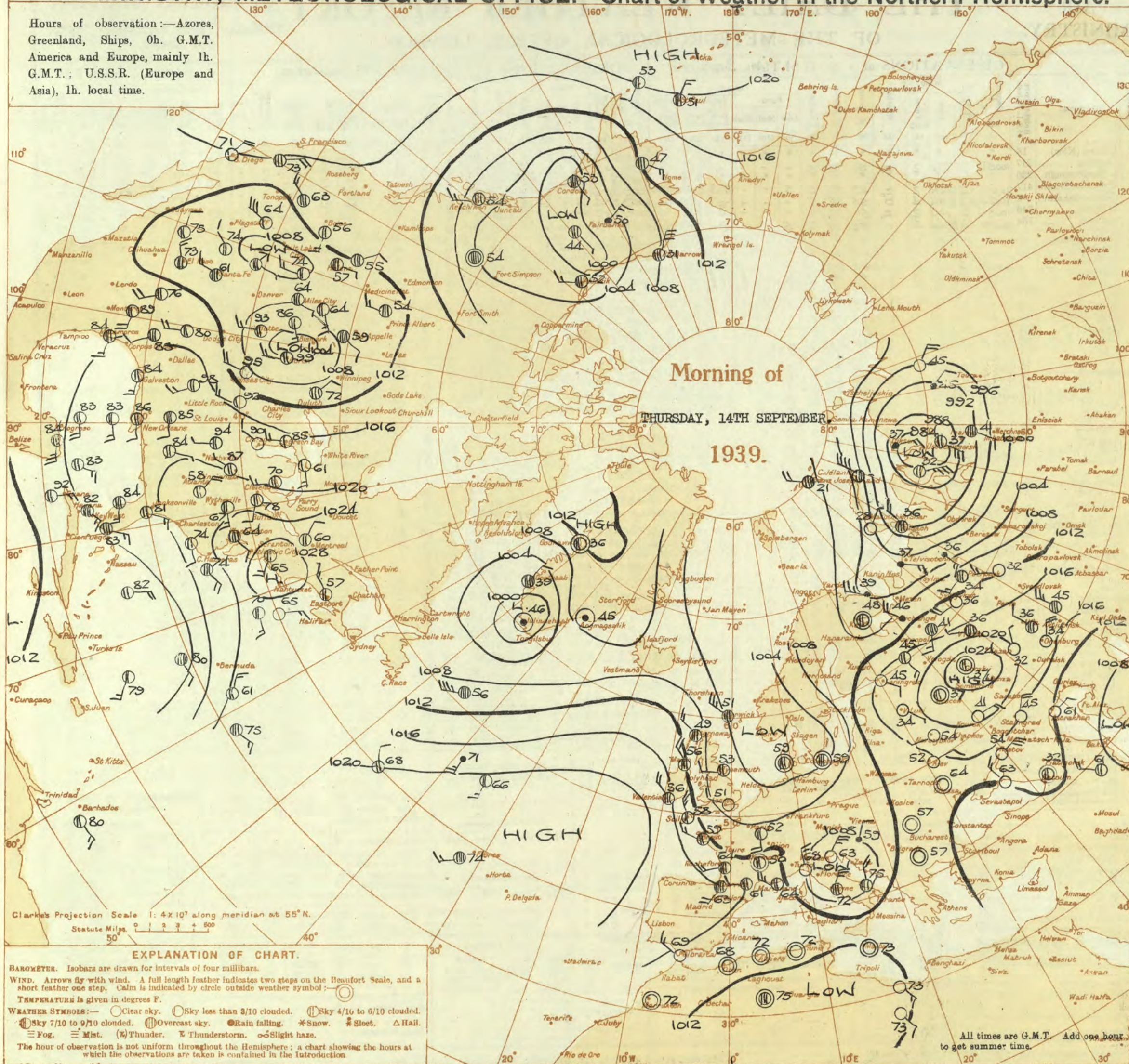
Rain spreading from the west.

Forecasts issued at 11.00 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S. Director.



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

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





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## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 14th September, 1939.  
No. 28420.

OBSERVATIONS at 1 hr. G.M.T. 14th September														OBSERVATIONS at 7 hr. G.M.T. 14th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.				RAINFALL.		Sun-shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																											
					Dir.	Force.					Form.	Amount.	Dir.	Force.			Form.	Amount.					Dir.	Force.	Form.	Amount.			Dir.	Force.					Form.	Amount.	Dir.	Force.	Form.	Amount.		Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.	Dir.	Force.	Form



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

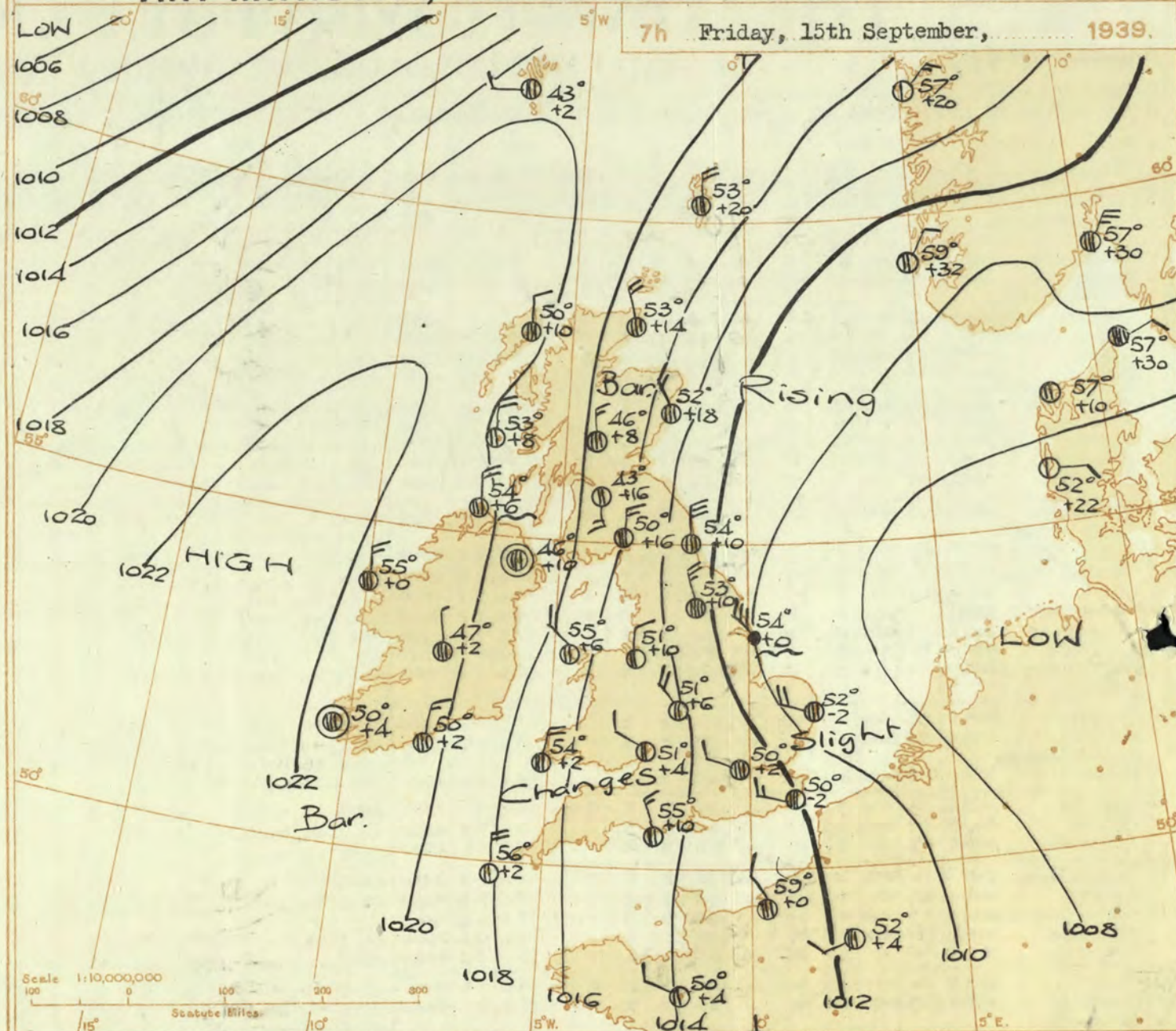
Friday, 15th September, 1939.

No. 28421.

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. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					State of Ground.	Sea.	WEATHER.								
				Dir.	Force					Form.	Amount.	Height of Base (feet)	Low 0-10	Total 0-10			Dir.	Force					Form.	Amount.	Total 0-10	Height of Base (feet)	7h.-13h. 14th.			13h.-18h. 14th.	18h. 14th to 1h. 15th.	1h.-7h. 15th.						
																																	0-12	0-9	0-12	0-9	0-9	0-9
1	London (Kew)...	1010.0	+4	N	2	c	61	65	7	2	3	-	2-3	7-8	2500	1011.4	+8	NNW	2	c	58	75	6	5	7	-	7-8	7-8	2500	0	*	cm.c	clr.cz.	clr.cm	cm			
	Croydon ...	1010.9	+14	NW	2	c/pr	60	75	7	2	3	-	2-3	9	4000	1011.9	+10	NW	1	c	59	75	6	5	-	-	3+	3+	4000	1	*	cm.cpr	clr.cz.	clr.cm	cm			
	S. Farnborough	1010.9	+2	NW	4	c	65	65	8	7	3	-	7-8	9	2500	1011.5	+10	NW	1	c	59	75	6	5	3	-	7-8	3+	4000	0	*	cm.cpr	clr.cz.	clr.cm	cm			
	Boscombe Down	1010.7	+6	NW	4	c	62	65	8	8	3	-	4-6	7-8	2500	1012.1	+6	NW	2	c	58	75	7	5	4	-	7-8	7-8	1500	1	*	cm.c	clr.cz.	clr.cm	cm			
	Calshot (Soton.)	1009.5	+10	NNW	3	c	61	65	8	2	3	-	4-6	9+	2500	1011.7	+10	NNW	4	c	61	75	7	4	3	-	4-6	3+	4000	0	2	cm.c	clr.cz.	clr.cm	cm			
	Lympne ...	1008.5	+2	NW	4	c	60	75	7	2	3	-	1	9+	1500	1010.3	+12	NNW	2	c	57	75	8	2	6	-	2-3	7-8	2500	0	1	cm.c	clr.cz.	clr.cm	cm			
	Manston ...	1008.5	+2	NW	4	c	60	75	7	2	3	-	1	9+	1500	1010.3	+12	NNW	3	c	58	75	8	8	3	1	2-3	7-8	1500	1	*	cm.c	clr.cz.	clr.cm	cm			
2	Shoeburyness ...	1007.6	+8	NNW	3	ir	57	85	7	5	-	-	10	10	2500	1010.7	+10	NW	2	c	55	85	8	8	4	1	4-6	7-8	2500	0	*	cm.c	clr.cz.	clr.cm	cm			
	Felixstowe ...	1008.3	+8	NW	4	pr	60	75	8	8	3	-	9+	9+	1500	1009.8	+8	NE	3	bc	58	65	8	7	4	-	1	2-3	2500	0	2	cm.c	clr.cz.	clr.cm	cm			
	Gorleston ...	1008.0	+8	NNW	5	bc	61	65	7	7	-	1	4-6	4-6	2500	1009.4	+6	NNW	3	bc	58	65	7	7	-	-	2-3	2-3	2500	0	1	cm.c	clr.cz.	clr.cm	cm			
	Mildenhall ...	1009.2	+6	NW	4	c	60	65	8	2	3	-	7-8	7-8	2500	1010.6	+10	NW	1	c	55	85	8	8	-	-	3+	3+	2500	1	*	cm.c	clr.cz.	clr.cm	cm			
	Cranwell ...	1010.1	+4	NW	3	c	60	75	7	8	6	3	4-6	7-8	4000	1011.0	+6	NNW	2	c	58	75	7	5	6	-	7-8	3+	4000	*	*	cm.c	clr.cz.	clr.cm	cm			
3	Birmingham ...	1010.8	+2	NNW	3	bc	60	65	7	8	6	-	2-3	4-6	2500	1012.6	+12	NW	4	bc	57	65	8	7	-	-	2-3	2-3	2500	1	*	cm.c	clr.cz.	clr.cm	cm			
4	Upper Heyford	1012.0	+10	NW	4	c	57	75	8	8	3	-	4-6	7-8	2500	1012.0	+10	NW	4	c	57	75	8	8	6	-	7-8	3	1500	0	*	cm.c	clr.cz.	clr.cm	cm			
	Ross-on-Wye ...	1011.7	+4	NNW	3	c	60	75	8	8	-	-	7-8	7-8	4000	1013.0	+6	NW	3	bc	58	65	9	8	-	-	1	1	4000	0	*	cm.c	clr.cz.	clr.cm	cm			
5	Hartland Point	1014.1	+6	NNW	4	bc	57	85	8	8	-	-	4-6	4-6	2500	1014.8	+6	NNW	4	bc	58	75	8	2	4	-	2-3	4-6	2500	0	3	cm.c	clr.cz.	clr.cm	cm			
	Bristol ...	1011.6	+2	N	3	pr	61	75	8	8	3	-	4-6	7-8	2500	1013.0	+10	NW	3	c	59	75	8	8	3	-	4-6	7-8	4000	0	3	cm.c	clr.cz.	clr.cm	cm			
	Portland Bill ...	1012.2	0	NW	3	c	61	92	8	5	4	-	4-6	7-8	4000	1013.0	+8	NW	3	c	59	85	8	5	4	-	4-6	7-8	4000	1	3	cm.c	clr.cz.	clr.cm	cm			
	Plymouth ...	1013.7	+4	NNW	4	c/pr	61	65	8	8	3	-	7-8	7-8	2500	1014.8	+10	NNW	4	bc	61	75	8	8	4	-	4-6	4-6	2500	0	1	cm.c	clr.cz.	clr.cm	cm			
	The Lizard ...	1014.9	+6	NW	4	c	62	77	8	8	6	-	7-8	7-8	2500	1016.2	+8	NW	4	c	57	85	8	8	9	-	7-8	7-8	2500	0	2	cm.c	clr.cz.	clr.cm	cm			
	Scilly (St. Mary's)	1016.1	+6	NW	4	c	62	85	8	8	6	-	4-6	7-8	1500	1017.0	+6	NW	4	bc	57	85	8	8	4	4	4-6	4-6	2500	0	2	cm.c	clr.cz.	clr.cm	cm			
	Guernsey ...	1016.1	+6	NW	4	c	62	85	8	8	6	-	4-6	7-8	1500	1017.0	+6	NW	4	bc	57	85	8	8	4	4	4-6	4-6	2500	0	2	cm.c	clr.cz.	clr.cm	cm			
6	Pembroke ...	1014.9	+2	NNW	5	cg	61	75	8	8	-	-	7-8	7-8	2500	1016.0	+4	NNE	4	c	56	85	8	8	6	1	4-6	7-8	2500	1	2	cm.c	clr.cz.	clr.cm	cm			
7	Holyhead ...	1013.6	+10	NNW	5	bc	59	75	9	8	-	-	4-6	4-6	2500	1014.6	+6	NNW	5	c	57	75	8	8	-	-	7-8	7-8	2500	1	3	cm.c	clr.cz.	clr.cm	cm			
	Chester (Sealand)	1013.6	+10	NNW	5	bc	59	75	9	8	-	-	4-6	4-6	2500	1013.4	+6	NNW	4	bc	57	75	8	4	6	-	7-8	7-8	2500	1	3	cm.c	clr.cz.	clr.cm	cm			
8	Manchester ...	1011.0	+4	NNW	3	bc	63	65	8	8	-	-	4-6	4-6	2500	1012.4	+8	NNW	3	c	56	75	8	7	-	-	3+	3+	4000	1	*	cm.c	clr.cz.	clr.cm	cm			
10	Spurn Head ...	1009.5	+2	NW	4	c	59	65	8	5	4	-	7-8	9	2500	1010.4	+8	NNW	4	bc	57	75	8	5	4	-	2-3	4-6	4000	0	3	cm.c	clr.cz.	clr.cm	cm			
	Catterick ...	1010.3	+4	NNW	1	c	58	65	8	8	-	-	7-8	7-8	4000	1011.4	+6	NNW	1	c	57	75	7	5	-	-	3+	3+	4000	0	*	cm.c	clr.cz.	clr.cm	cm			
	Tynemouth ...	1010.5	+8	N	3	c	57	75	8	2	-	-	7-8	7-8	2500	1010.3	+6	NNW	3	c	56	85	6	2	-	-	7-8	7-8	2500	1	1	cm.c	clr.cz.	clr.cm	cm			
11	St. Abbs Head...	1009.8	+6	NNW	3	clr	56	75	9	5	6	-	4-6	7-8	2500	1010.6	+4	N	5	c	56	75	9	3	6	-	4-6	7-8	1500	0	3	cm.c	clr.cz.	clr.cm	cm			
	Leuchars ...	1010.1	+4	NNW	4	c	60	65	9	8	-	-	7-8	7-8	4000	1011.3	+10	NW	4	bc	57	65	9	8	-	-	4-6	4-6	4000	1	*	cm.c	clr.cz.	clr.cm	cm			
12	Renfrew (Abbots)	1012.4	+4	NNW	4	bc	61	65	9	7	-	-	4-6	4-6	4000	1012.3	+8	-	0	c	55	75	8	8	-	-	7-8	7-8	2500	1	*	cm.c	clr.cz.	clr.cm	cm			
	Eskdalemuir ...	1011.3	+8	NNW	4	bc	56	55	8	8	-	-	4-6	4-6	2500	1012.3	+8	-	0	c	55	75	8	8	-	-	7-8	7-8	2500	1	*	cm.c	clr.cz.	clr.cm	cm			
	Point of Ayre ...	1012.8	+10	N	6	bc	60	75	8	2	-	-	2-3	2-3	4000	1013.7	+4	N	6	b	58	85	8	4	-	-	1	1	4000	0	3	cm.c	clr.cz.	clr.cm	cm			
13A	Tiree ...	1015.5	+6	NNW	5	bc	57	75	8	8	6	-	4-6	4-6	1500	1017.0	+6	NW	3	bc	53	85	8	8	-	-	4-6	4-6	1500	0	4	cm.c	clr.cz.	clr.cm	cm			
13B	Stormoway ...	1014.9	+14	NNW	5	c/pr	52	85	7	8	7	-	7-8	9	4000	1017.6	+12	NNW	4	c	52	85	8	5	7	-	7-8	10	4000	1	2	cm.c	clr.cz.	clr.cm	cm			
15	Dalwhinnie ...	1011.5	+8	N	4	c	49	85	8	8	-	-	4-6	7-8	4000	1011.5	+8	N	4	c	49	85	8	8	6	-	4-6	7-8	4000	1	*	cm.c	clr.cz.	clr.cm	cm			
	Aberdeen ...	1009.2	+8	NNW	5	pr	56	85	7	9	-	-	9+	9+	1500	1010.3	+12	NNW	5	c/pr	52	85	8	9	-	-	3	3	1500	1	2	cm.c	clr.cz.	clr.cm	cm			
	Wick ...	1009.0	+10	NNW	7	c/pr	55	85	8	8	7	-	4-6	9	1500	1011.6	+10	NNW	7	c/pr	52	85	8	8	7	-	7-8	3+	1500	1	2	cm.c	clr.cz.	clr.cm	cm			
	Lerwick ...	1005.6	+14	NNW	6	pr	54	85	7	8	7	-	4-6	7-8	800	1008.8	+14	NW	6	cg	53	92	8	7	-	-	7-8	3	800	1	*	cm.c	clr.cz.	clr.cm	cm			
17	Blackod Point...	1019.0	+8	N/E	3	bc	59	75	8	3	-	-	4-6	4-6	1500	1020.6	+10	N	4	bc	57	65	9	2	-	-	2-3	2-3	4000	0	3	cm.c	clr.cz.	clr.cm	cm			
18	Malin Head ...	1016.4	+8	N	4	c	56	75	8	8	-	-	4-6	7-8	5700	1018.4	+12	N	5	c/pr																		



# AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th September, 1939.
1 S.E. England	Moderate to fresh north wind; showers and perhaps local thunder; bright intervals later; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate north wind, decreasing; mainly fair; rather cold; ground frost locally at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Moderate to fresh north wind, decreasing; bright intervals; local showers; rather cold; ground frost locally at night.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland.	Light north wind, backing south; moderate; fair today; local rain tomorrow; rather cold.
14 Mid Scotland	Moderate north wind, decreasing; backing south; mainly fair; rather cold; ground frost locally at night.
15 N. E. Scotland.	
16 Orkney and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	As 13A - 13B.
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A depression over Germany is moving south and a ridge of high pressure extending from west of Ireland to west of Norway is moving southeast. Weather will be mainly fair in the North and West but there will be showers in the East and perhaps local thunder.

## FURTHER OUTLOOK.

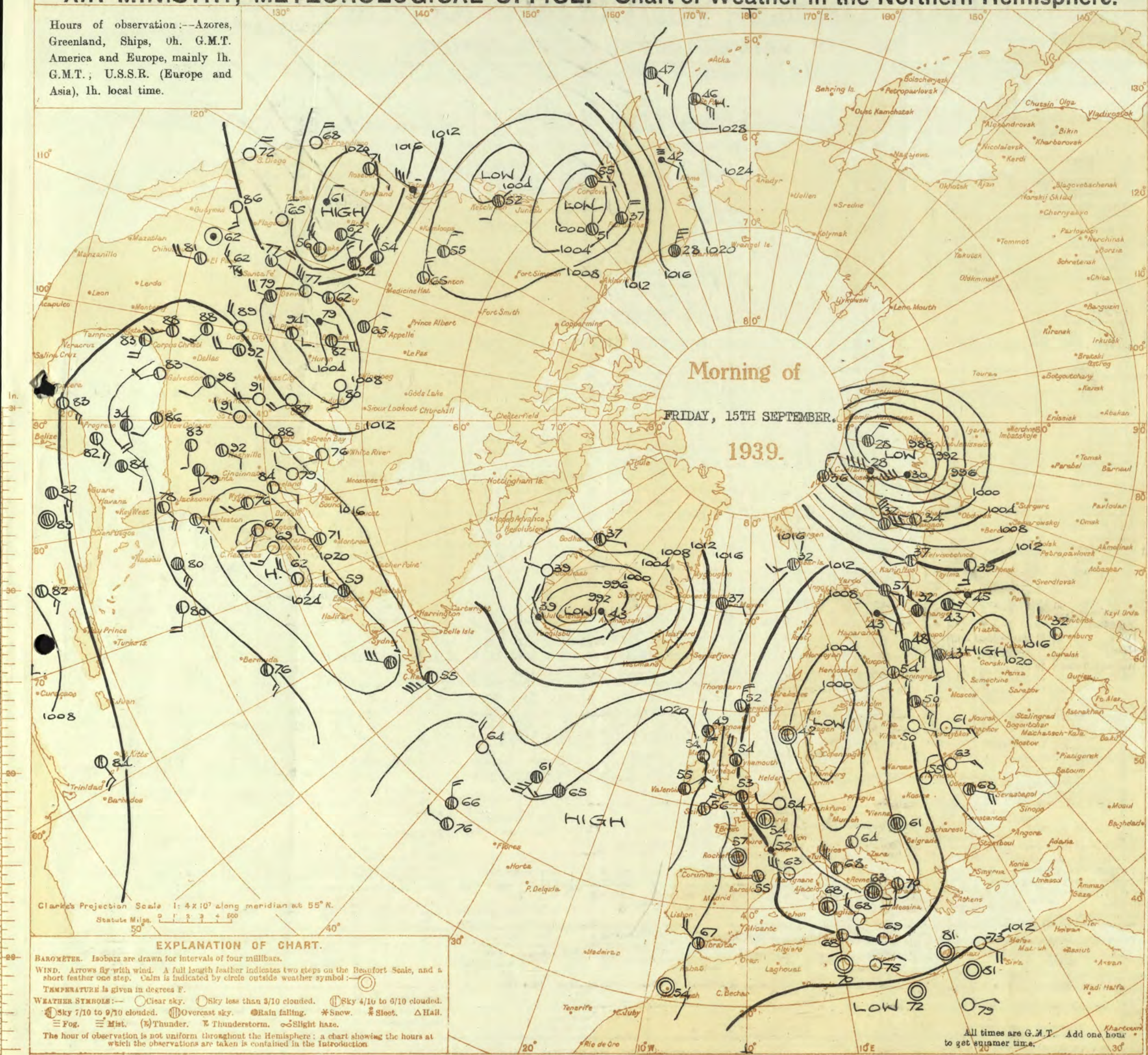
Rather unsettled in the Northwest; mainly fair elsewhere.

Forecasts issued at 1015 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.



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

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





AIR  
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## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 15th September, 1939.

No. 28421.

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.		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.			Barom. at M.S.L. (23)	Change in 3 hours. (24)	Wind. (25)	Temp. °F. (28)	Humid. % (29)	Visiblity. (30)	TEMPERATURE.			RAINFALL.		Sun- shine Hrs. (36)		
					Dir.	Force. (4)					Form.	Amount. (12)	Height of Base. (feet) (13)			Dir.	Force. (18)					Form.	Amount. (26)	Height of Base. (feet) (27)							State of Ground. (31)	Sea. (32)	Max. Day 7h-15h °F. (33)	Min. Night 15h-7h °F. (34)	Min. on Grass °F. (35)		Day 7h-15h mm. (37)	Night 15h-7h mm. (38)
1	London (Kew) ... 18	*	*	*	*	*	*	*	*	*	*	*	1013.2	+6	NNW	2	53	85	6	5	-	-	3+	3+	4000	0	*	63	51	47	Tr	0.1	3.3					
	Croydon ... 217	1013.2	+2	W/N	1	2	53	32	5	5	-	-	7.8	7.8	4000	1013.1	+2	NNW	2	50	97	6	2	-	-	3+	3+	5700	0	*	64	49	48	Tr	0.1	2.0		
	S. Farnborough ... 226																																					
	Boscombe Down ... 417	1014.6	+2	NNW	2	2	48	85	6	5	-	-	2.3	2.3	2500	1014.3	+2	NNW	2	49	97	7	5	-	-	3+	3+	4000	0	*	64	45	*	0.3	-	*		
	Calshot (St. Mary's) ... 8	1013.3	-2	NNW	2	2	50	85	8	1	-	-	0	0	-	1013.7	+6	NNW	2	51	85	6	5	-	-	7.8	7.8	5700	1	*	62	47	*	Tr	0.1	*		
	Lymington ... 346	1012.6	-2	NNW	2	2	50	85	8	1	-	-	0	0	-	1012.1	-2	NNW	2	50	85	6	5	-	-	7.8	7.8	7200	0	*	63	49	*	Tr	-	*		
	Manston ... 154	1011.3	-4	NNW	3	6	55	75	7	5	-	-	1	1	1500	1011.0	+2	NNW	4	54	85	6	8	-	-	3+	3+	1500	0	*	63	53	*	4	-	*		
2	Shoeburyness ... 11																																					
	Felixstowe ... 15																																					
	Gorleston ... 5	1009.8	-2	W	3	pr	53	85	7	8	-	-	4.6	4.6	2500	1008.3	-2	N	4	52	92	7	6	8	-	-	4.6	7.8	2500	1	2	62	51	50	Tr	0.4	5	
	Mildenhall ... 19	1011.8	-2	NNW	2	bc	50	82	7	5	3	-	2.3	4.6	4000	1010.9	0	NNW	3	51	85	6	5	7	-	-	7.8	9	2500	1	2	63	48	*	2	0.2	*	
	Cranwell ... 240																																					
3	Birmingham ... 535																																					
	Upper Heyford ... 408																																					
4	Ross-on-Wye ... 222																																					
5	Hartland Point ... 299	1015.7	-2	NNE	4	c	57	85	8	5	-	-	7.8	7.8	2500	1015.0	+2	N	4	56	85	8	8	6	-	-	4.6	7.8	2500	0	3	59	55	54	Tr	-	8.8	
	Bristol ... 209																																					
	Portland Bill ... 32	1014.5	+6	N	3	bc	57	85	8	5	-	-	4.6	4.6	4000	1015.1	+2	W/N	2	bc	49	92	8	7	3	-	-	2.3	4.6	2500	0	*	64	45	38	0.5	-	8.3
	Plymouth ... 82	1015.8	-2	NW	2	bc	54	85	7	5	-	-	1	1	2500	1014.7	+10	NNW	3	55	85	8	5	-	-	10	10	4000	1	3	61	54	*	Tr	-	6.1		
	The Lizard ... 240	1016.6	+6	NNW	2	bc	51	85	8	8	-	-	2.3	2.3	2500	1017.0	+6	NNW	2	bc	53	92	8	8	3	-	-	2.3	2.3	2500	0	1	63	49	*	0.5	-	6.1
	Scilly (St. Mary's) ... 163	1018.0	+2	NEN	3	bc	56	92	8	5	4	-	2.3	4.6	2500	1018.1	+2	N	4	bc	56	85	8	4	8	1	-	-	2.3	4.6	2500	0	2	64	53	*	-	5.9
	Guernsey ... 175																																					
6	Pembroke ... 142	1017.1	+4	N/E	4	bc	54	85	8	8	-	-	4.6	4.6	2500	1017.4	+2	NNE	4	c	54	85	8	8	2	-	-	4.6	7.8	2500	1	2	61	52	*	-	-	7.2
7	Holyhead ... 26	1015.9	+4	NNW	3	c	56	75	8	2	-	-	3+	3+	1500	1016.7	+6	NNW	4	bc	55	85	8	1	-	-	2.3	2.3	2500	1	2	61	52	*	-	-	7.2	
8	Chester (Sealand) ... 15	1014.7	+4	NW	3	c	57	75	8	2	-	-	3	3	2500	1015.8	+10	N	2	bc	51	75	8	8	6	-	-	1	2.3	4000	1	*	62	48	*	0.5	-	*
	Manchester ... 70																																					
10	Spurn Head ... 20	1010.4	0	NNW	5	bc	54	85	7	5	-	-	4.6	4.6	4000	1009.1	0	NW	6	rr	54	92	6	6	2	7	7.8	10	800	1	4	62	53	*	Tr	2	4.2	
	Catterick ... 175																																					
	Tynemouth ... 108	1012.3	+4	NNW	4	c	54	85	7	8	-	-	3	3	1500	1013.4	+10	NW	5	or	53	85	7	5	-	-	10	10	1500	1	*	60	51	*	Tr	0.1	*	
11	St. Abbs Head ... 290	1012.9	+8	NW	5	c	54	75	9	8	2	-	7.8	10	1500	1015.0	+16	N	6	c/r	53	85	8	8	6	9	7.8	9+	1500	0	4	57	51	*	Tr	0.1	*	
	Leuchars ... 26	1014.8	+10	NW	1	bc	53	75	8	5	-	-	4.6	4.6	2500	1016.8	+16	NW	1	bc	52	75	9	8	3	-	-	4.6	4.6	2500	1	*	62	51	*	Tr	-	*
12	Rattray (Abbots L.) ... 19	1016.8	+14	SWW	2	b	48	85	8	5	-	-	Tr	Tr	4000	1018.4	+16	S	3	bc	43	97	8	5	-	-	2.3	2.3	4000	0	*	61	41	*	-	-	*	
	Esdailemuir ... 794																																					
	Point of Ayre ... 30	1015.8	+4	N/E	5	b	55	85	8	2	-	-	Tr	Tr	4000	1017.2	+16	N/E	4	c	55	75	8	5	4	-	-	7.8	7.8	2500	0	3	61	53	*	-	-	5.2
13a	Tiree ... 22																																					
13b	Stormoray ... 80	1018.9	+2	NNW	3	c	49	92	7	8	7	-	7.8	9+	1500	1019.6	+8	N	4	bc	53	75	8	5	-	-	4.6	4.6	2500	0	3	58	52	49	Tr	-	7.0	
15	Dalwhinnie ... 1176																																					
	Aberdeen ... 79																																					
	Wick ... 81	1019.4	+10	NW	6	c	51	92	7	5	7	-	4.6	7.8	1500	1017.7	+14	NNW	4	c	53	85	7	5	7	-	-	7.8	9+	1500	1	1	57	51	43	1	0.6	5.2
16	Lerwick ... 156	1013.7	+16	N/E	5	bc	52	92	7	5	-	-	4.6	4.6	1500	1016.5	+20	N	4	c	53	92	8	5	7	-	-	4.6	7.8	1500	1	*	56	51	*	0.2	0.5	5.7
17	Blacksod Point ... 18	1021.5	0	N	2	bc	55	75	8	4	-	-	4.6	4.6	2500	1021.6	0	N	3	c	55	65	8	5	-	-	10	10	4000	0	3	61	53	*	0.2	-	*	
18	Malin Head ... 84	1019.6	+2	N	4	c	54	45	7	8	-	-	3	3	4000	1020.4	+6	N	4	c	54	75	8	5	6	-	-	4.6	7.8	5700	0	4	57	48	*	Tr	0.3	3.7
	Aldergrove ... 266																																					
19	Birr Castle ... 173																																					
20	Valentia Obs. ... 30	1021.7	+6	N/E	3	c	55	65	9	5	-	-	7.8	7.8	2500	1020.2	+2	NW	1	c	47	92	8	5	-	-	3+	3+	2500	1	*	61	41	30	-	-	5.5	
	Roches Point ... 22																																					

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

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 16th September, 1939.  
No. 28422.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 15th September														OBSERVATIONS at 18h. G.M.T. 15th September														PAST 24 HOURS.								
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.				State of Ground.	Sea.	WEATHER.										
				Dir.	Force					Form.	Amount.	Height of Base (feet)	Dir.			Force	Form.					Amount.	Height of Base (feet)	7h.—13h. 15th.	13h.—18h. 15th.			18h.—1st 16th.	1st.—7h. 16th.									
																														Low.	Med.	High.	Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)					
1	London (Kew)...	1012.7	-2	NNW	3	z	59	75	6	7	8	-	7-8	1014.2	+18	NNE	3	cjp	58	75	7	8	-	3	7-8	7-8	1500	1	*	cmprc	cmprc	cbcbw	bcbm					
	Croydon ...	1012.9	-2	NNW	2	z	59	82	6	6	2	-	7-8	1013.7	+4	NNE	2	z	57	82	6	9	6	3	4-6	9	2500	1	*	cmprc	cmprc	cbcbw	bcbm					
	S. Farnborough	1015.7	+2	SW	3	p	56	85	6	5	7	-	7-8	1014.3	+10	NW	3	pr	56	85	6	3	3	-	9	9	1500	1	*	cmprc	cmprc	cbcbw	bcbm					
	Boscombe Down	1015.9	0	NNW	3	p	60	85	7	8	3	-	7-8	1015.5	+8	NW	4	pr	55	85	6	6	7	-	7-8	9	1500	1	*	cmprc	cmprc	cbcbw	bcbm					
	Calshot (Soton.)	1013.9	0	NNW	3	c	60	85	7	8	3	-	7-8	1014.2	+4	NNW	5	bc	56	85	6	6	3	-	4-6	4-6	800	1	2	cmprc	cmprc	cbcbw	bcbm					
	Lympne ...	1012.8	-2	NNW	2	c	59	85	6	5	-	-	9	1013.6	+8	N	2	bc	55	85	8	8	6	-	4-6	4-6	2500	0	*	cmprc	cmprc	cbcbw	bcbm					
	Manston ...	1010.9	0	NNW	4	c/pr	57	85	7	9	-	-	9	1013.2	+18	NE	3	bcjp	57	85	8	8	-	-	2-3	2-3	2500	0	*	cmprc	cmprc	cbcbw	bcbm					
2	Shoeburyness ...	1011.6	-4	NNW	3	c	61	85	7	9	7	-	4-8	1013.6	+20	NNE	2	bcpr	58	85	8	8	-	-	4-6	4-6	2500	*	*	irabc	Pg bcp	bcprbc	cmprc					
	Felixstowe ...	1010.7	+2	NE	3	c/pr	59	85	8	9	6	3	7-8	1014.2	+24	NNE	4	pr	60	85	7	8	-	-	7-8	7-8	2500	1	2	cmprc	cmprc	bcprbc	cmprc					
	Grleston ...	1010.6	+12	NNW	4	bc	59	82	7	2	4	-	2-3	1014.2	+24	NNE	4	pr	60	85	7	8	-	-	7-8	7-8	2500	1	2	cmprc	cmprc	bcprbc	cmprc					
	Mildenhall ...	1010.9	-2	NNW	4	a/pr	60	85	7	8	-	-	9	1013.2	+18	NE	3	bcjp	57	85	8	8	-	-	2-3	2-3	2500	0	*	cmprc	cmprc	cbcbw	bcbm					
	Cranwell ...	1013.2	+10	N	4	z	59	85	6	8	-	-	9	1016.2	+20	NE	3	bc	57	85	8	8	-	-	2-3	2-3	1500	1	*	cmprc	cmprc	cbcbw	bcbm					
3	Birmingham ...	1015.2	+4	NNW	4	e	57	65	6	5	-	-	9	1017.1	+14	N	3	c	55	85	6	6	-	-	9	9	800	1	*	bc	cir	cbc	bcom					
	Upper Heyford	1014.3	+4	NNW	4	o/r	55	85	6	5	-	-	10	1015.8	+12	NW	3	c	55	92	6	8	-	-	9	9	800	1	*	bc	cir	cbc	bcom					
4	Ross-on-Wye ...	1016.1	+4	NNW	4	e	59	65	6	5	-	-	9	1016.9	+12	NW	4	c	57	75	7	5	-	-	9	9	2500	0	*	bc	cir	cbc	bcom					
5	Hartland Point	1016.8	+2	ZZ	4	c	59	75	8	8	4	-	7-8	1016.9	+2	NNE	4	bc	59	75	8	1	4	-	1	2-3	4000	0	3	c	bc	bc	bcbw					
	Bristol ...	1016.0	+6	ZZ	4	c	59	65	8	8	-	-	9	1017.0	+10	NE	5	bcpr	56	85	7	4	3	-	4-6	4-6	2500	0	3	bc	bc	bc	bcbw					
	Portland Bill ...	1015.0	+4	ZZ	3	c	61	92	8	5	-	-	10	1015.2	+10	N	3	c	59	92	8	5	2	-	7-8	9	2500	1	3	bc	bc	bc	bcbw					
	Plymouth ...	1016.0	-2	ZZ	4	c	63	55	9	8	-	-	7-8	1016.2	+6	NW	4	bc	62	65	9	8	-	-	2-3	2-3	2500	0	1	bc	bc	bc	bcbw					
	The Lizard ...	1016.7	-6	NNW	3	c	62	65	8	8	6	-	7-8	1017.2	+2	NNW	5	bc	58	85	8	8	-	-	4-6	4-6	2500	0	2	bc	bc	bc	bcbw					
	St. Mary's ...	1018.5	0	ZZ	4	c	61	85	8	8	-	-	7-8																									
	Guernsey ...																																					
6	Pembroke ...	1018.7	+2	NNW	5	bc	60	75	8	2	-	-	4-6	1018.9	+2	NNE	4	bc	57	75	8	1	-	-	2-3	2-3	2500	1	2	bc	bc	bc	bc					
7	Holyhead ...	1018.4	+6	NNW	5	bc	59	65	9	8	-	-	4-6	1018.8	+8	NE	4	bc	58	75	8	5	-	-	4-6	4-6	4000	0	2	bc	bc	bc	bc					
	Chester (Sealand)	1017.3	+4	NNW	4	c	59	65	8	8	-	-	9	1018.5	+10	NW	2	z	57	75	6	5	4	-	4-6	9	4000	0	*	bc	bc	bc	bc					
8	Manchester ...	1016.5	+6	NNW	3	c	59	65	7	5	4	-	9	1018.5	+14	NE	4	c	57	75	7	3	3	-	4-6	9	1500	0	*	bc	bc	bc	bc					
10	Spurn Head ...	1012.5	+22	NE	6	bc	62	85	6	8	8	-	4-6	1016.3	+16	NNE	4	bc	59	85	8	4	4	-	2-3	2-3	4000	1	4	Rreq	cqbc	bc	bcbw					
	Catterick ...	1016.8	+20	NE	4	c	57	75	8	8	-	-	10	1019.3	+18	NE	3	z	55	85	6	5	-	-	10	10	1500	1	*	c	c	c	c					
	Tynemouth ...	1016.4	+12	NE	6	c	58	85	6	8	-	-	7-8	1019.0	+14	N	6	c	55	92	6	8	-	-	9	9	1500	1	3	c	c	c	c					
11	St. Abbs Head...	1018.2	+18	ZZ	5	c	55	85	9	5	2	-	7-8	1020.2	+12	NNE	3	c	55	85	8	5	6	-	7-8	9	2500	0	2	bc	bc	bc	bc					
	Leuchars ...	1019.2	+6	NNW	2	c	60	85	9	8	-	-	9	1021.2	+14	NE	2	bc	57	75	8	5	3	5	2-3	2-3	4000	1	*	bc	bc	bc	bc					
12	Renfrew (Abbots)	1019.3	0	NNW	1	bc	63	65	9	1	-	-	4-6	1020.6	+12	ESE	1	c	60	75	8	4	-	-	7-8	7-8	4000	0	*	bc	bc	bc	bc					
	Eskdalemuir ...	1018.3	+6	NNW	4	bc	58	65	8	8	-	-	4-6	1021.0	+14	NNE	3	c	54	75	8	8	-	-	9	9	2500	1	*	bc	bc	bc	bc					
	Point of Ayre ...	1019.4	+12	NNW	4	c	59	65	8	8	-	-	7-8	1020.6	+4	EN	2	c	59	75	8	8	6	-	4-6	7-8	2500	0	1	c	c	c	c					
13A	Tiree ...	1020.9	+4	ZZ	4	bc	55	65	9	5	4	-	4-6	1021.6	+6	N	4	bc	54	75	8	1	4	6	Tr	4-6	4000	0	2	bc	bc	bc	bc					
13B	Stormoway ...	1021.3	+2	ZZ	0	c	57	65	8	5	7	-	4-6	1022.5	+6	SE	2	c	54	75	9	5	7	-	7-8	9	4000	1	1	c	c	c	c					
15	Dalwhinnie ...	1021.0	+6	ZZ	4	c	53	75	8	6	-	-	4-6	1022.5	+18	NNE	2	c	52	75	8	5	6	4	4-6	7-8	4000	0	*	c	c	c	c					
	Aberdeen ...	1019.3	+12	NNW	3	c	58	75	8	8	-	-	9	1021.8	+16	NW	2	c	55	75	8	5	-	-	9	9	2500	1	1	bc	bc	bc	bc					
	Wick ...	1020.1	+12	NNW	3	c	57	85	8	5	7	1	4-6	1020.7	+14	NNW	2	c	55	85	8	5	7	-	7-8	9	1500	1	1	c	c	c	c					
16	Lerwick ...	018.9	+6	NE	4	c	57	85	8	5	7	-	4-6	1020.6	+10	WS	2	c	55	92	8	5	7	-	7-8	9	1500	0	1	c	c	c	c					
	Blacksod Point...	1022.3	+2	NNE	2	c	58	65	9	5	-	-	10	1022.2	0	NNE	2	c	57	65	9	5	-	-	10	10	4000	0	2	c	c	c	c					
18	Malin Head ...	1021.5	+6	ZZ	3	c	55	75	8	8	-	-	4-6	1022.3	+6	N	3	c	54	75	8	5	-	-	7-8	7-8	5700	0	3	bc	bc	bc	bc					
	Aldergrove ...	1020.3	+2	NNW	3	c	58	65	8	5	-	-	9	1021.5	+10	NNW	2	c	56	75	8	5	-	-	7-8	7-8	4000	1	*	bc	bc	bc	bc					
19	Birr Castle ...	1021.8	+4	NNW	2	c	56	65	8	5	1	-	7-8	1021.6	+2	NNE	1	c	56	75	8	5	1	-	9	10	1500	1	*	c	c	c	c					
20	Valentia Obsy.†	1022.0	0	NE	3	c	59	65	9	5	-	-	7-8	1021.7	-2	NE	2	c	57	75	9	5	-	-	9	9	2500	1	2	c	c	c	c					
	Roches Point ...	1021.2	0	NE	3	c	59	65	9	5	-	-	7-8	1021.5	+2	NNE	2	c	57	75	9	5	-	-	9	9	2500	0	1	c	c	c	c					

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

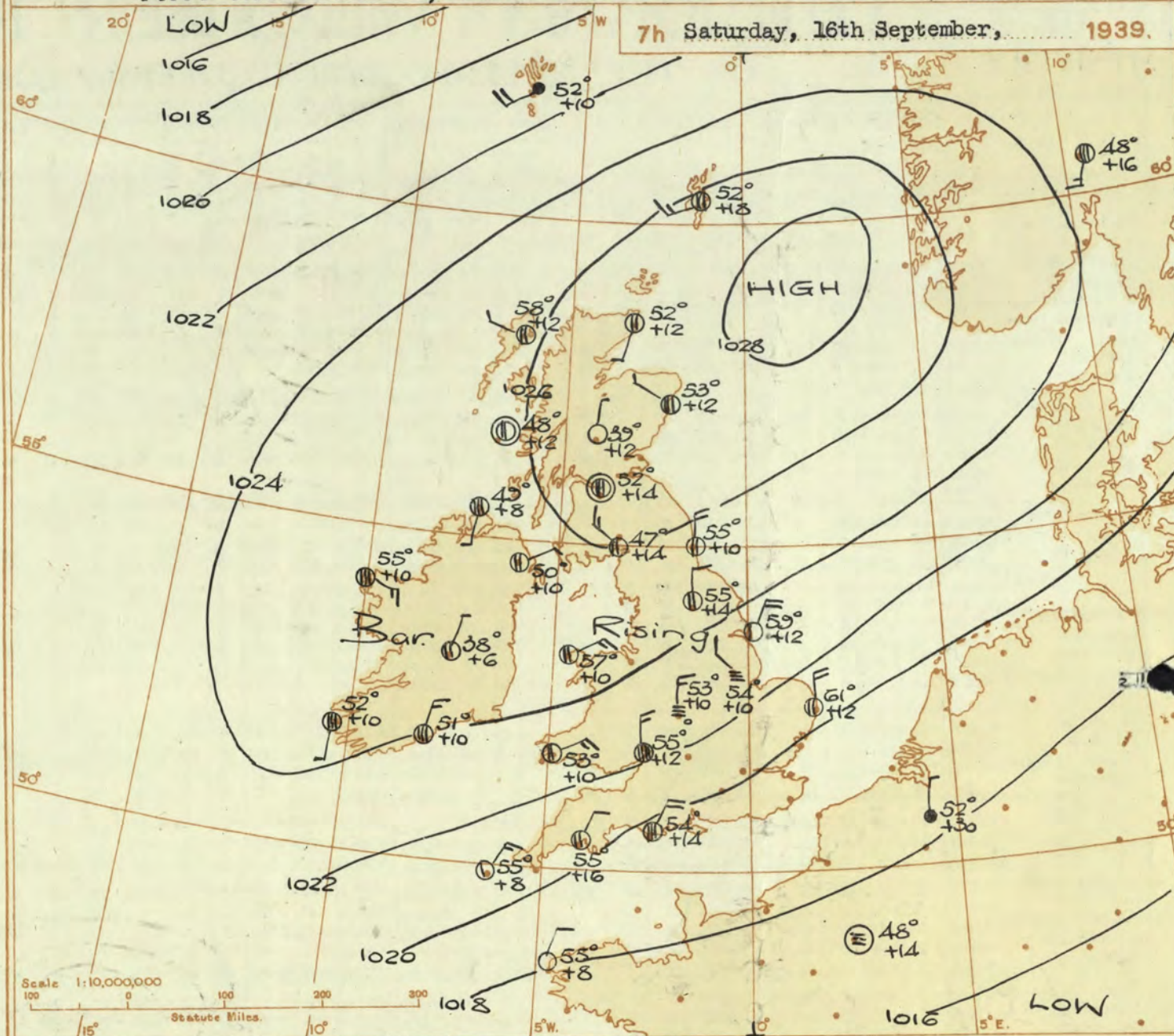
## COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.

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



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 16th September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th September, 1939.
1 S.E. England	Moderate north to northeast wind, fresh locally on coasts; bright intervals and local thundery showers at first, fair later; local morning fog; rather cold, ground frost locally at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light variable or south wind; fair locally; morning fog; rather cold, ground frost locally at night.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light south wind, freshening later; fair at first, local rain later; rather cold, ground frost locally at night.
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	As 7 - 13A.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An anticyclone extends from the Northern Baltic to Scotland. Weather will be fair in northern districts but there will be bright intervals and local thundery showers at first in the South.

## FURTHER OUTLOOK.

Unsettled in the Northwest, mainly fair elsewhere.

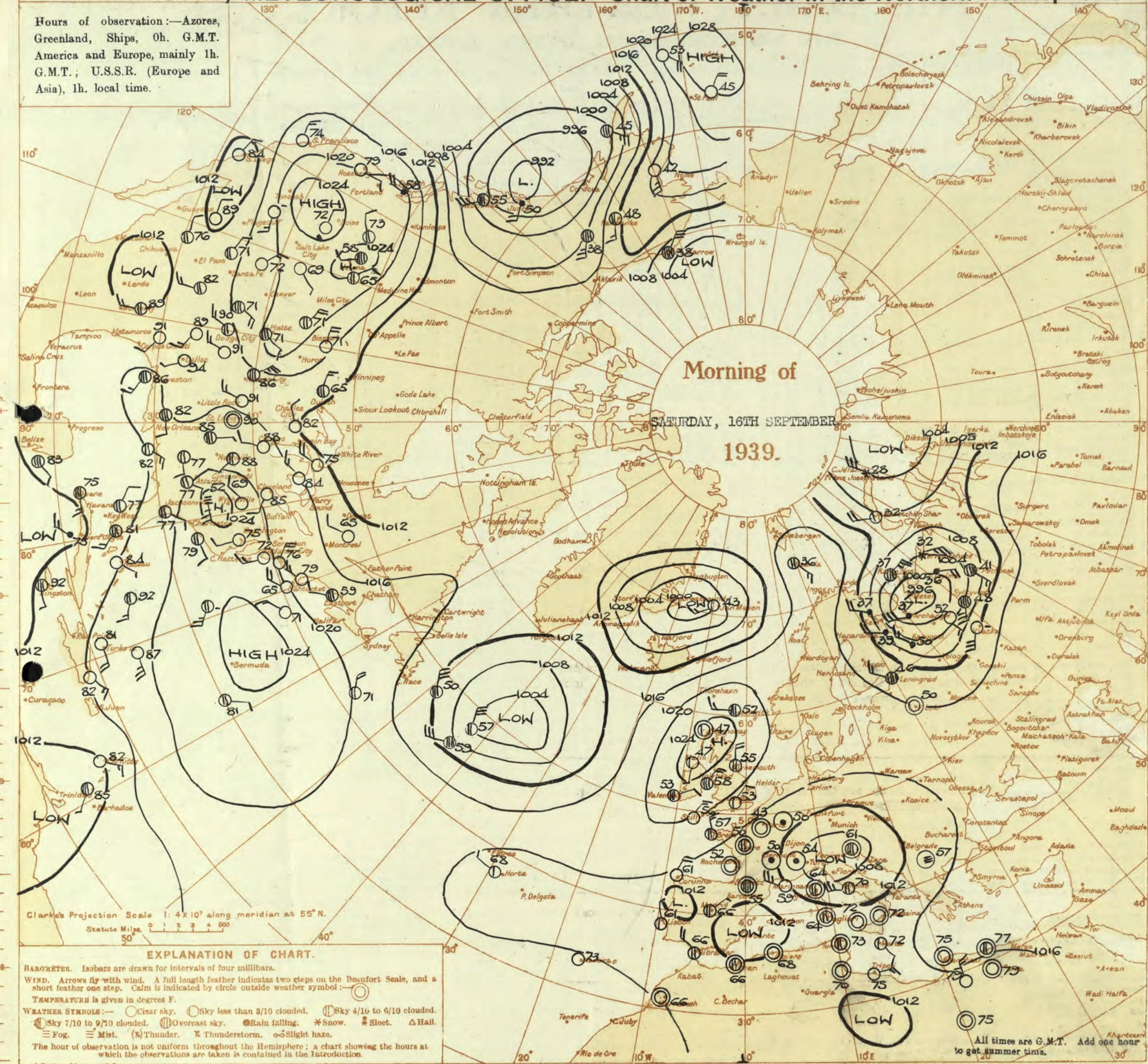
Forecasts issued at 1010 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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

Saturday, 16th September, 1939.  
No. 28422.

OBSERVATIONS at 1 hr. G.M.T. 16th September														OBSERVATIONS at 7 hr. G.M.T. 16th 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. %.	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low 0-10	Med. 10-10		High 10-10	Low 0-10	Med. 10-10
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1020.8	+20	NNE	2	Zo	57	92	6	5	-	-	4-6	4-6	1500	1	*	59	53	49	3	Tr	0.5		
	Croydon ...	217	1017.9	+12	NEN	2	Zo	53	97	6	5	-	-	2500	1020.6	+14	NE/N	2	Zo	56	92	6	5	-	-	3	3	800	1	*	57	56	47	10	2	0.5	
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1021.0	+14	NNE	4	Zo	54	92	6	5	-	-	9+	9+	800	0	*	59	52	*	0.1	0.1	*		
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1019.8	+16	N	3	Zo	57	92	6	5	-	-	1	2-3	1500	0	*	59	*	*	0.4	0.1	*		
	Calshot (St. Mary's) ...	8	1017.4	+12	NW	4	b	54	97	7	5	-	-	2500																							
	Lymington ...	346	1016.8	+10	N/E	2	bc	53	92	7	5	2	-	4-6	1021.0	+14	N	3	Zo	57	92	6	5	-	-	1	2-3	1500	0	*	59	*	*	0.4	0.1	*	
	Manston ...	154	1016.8	+12	ENE	2	bc	58	85	7	5	-	-	2-3	1021.0	+14	N	3	Zo	57	92	6	5	-	-	1	2-3	1500	0	*	59	*	*	0.4	0.1	*	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1019.8	+18	N	3	bc	58	97	7	8	4	-	-	2-3	4-6	5700	1	*	62	53	46	*	0.4	3.0	
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1020.0	+18	NNE	2	b/pr	56	97	7	8	6	1	-	2-3	2-3	1500	1	1	63	54	52	*	7	4.7	
	Gorleston ...	5	1017.4	+16	N	4	b	61	97	7	-	-	-	0	1019.8	+12	N	4	bc	61	85	7	8	-	-	4-6	4-6	2500	1	2	63	59	58	1	0.3	*	
	Mildenhall ...	19	1008.5	+10	N/E	2	b	51	97	8	5	-	-	Tr	1021.0	+14	N	4	bc	56	97	7	8	-	-	4-6	4-6	2500	1	2	63	59	58	1	0.3	*	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1022.1	+10	NNW	2	f	54	97	2	-	-	-	-	10	10	1500	0	*	63	51	*	2	0.1	*	
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1022.6	+10	N	3	m	53	97	4	5	-	-	10	10	450	1	*	59	51	48	0.2	-	0.4		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1021.7	+14	N/E	2	m	55	92	6	5	-	-	9+	9+	450	1	*	60	51	*	-	-	*		
	Reas-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1022.5	+12	N	3	z	55	85	6	5	-	-	10	10	1500	0	*	60	51	47	-	-	3.0		
5	Hartland Point ...	299	1019.2	+10	NNE	4	bc	58	85	8	5	-	-	4-6	1021.0	+12	NNE	4	bc	57	85	8	5	-	-	4-6	4-6	2500	0	3	60	56	53	-	-	4.6	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1022.1	+10	NNE	4	z	54	92	6	5	-	-	9+	9+	800	0	*	62	51	42	Tr	-	6.0		
	Portland Bill ...	32	1018.5	+16	NE	4	b	55	85	7	-	-	-	0	1019.9	+14	NE	4	c	54	85	7	2	-	-	9	9	4000	1	3	61	53	*	-	-	*	
	Plymouth ...	82	1018.8	+16	NNE	3	b	54	85	8	5	-	-	0	1021.1	+16	NE	2	bc	55	85	6	8	-	-	2-3	2-3	2500	0	1	64	53	47	-	-	8.9	
	The Lizard ...	240	1019.0	+4	NW	3	bc	52	82	8	5	-	-	2-3	1021.0	+20	NW	1	bc	51	92	8	8	-	-	2-3	2-3	2500	0	1	63	49	*	Tr	-	6.4	
	Scilly (St. Mary's) ...	163	1020.0	+4	NEN	3	b	56	92	8	-	-	-	0	1021.1	+8	NE	3	b	55	92	8	2	6	-	-	Tr	1	2500	0	2	62	55	*	-	-	7.3
	Guernsey ...	175																																			
6	Pembroke ...	142	1021.0	+6	E	3	bc	53	85	8	2	-	-	2-3	1022.6	+10	ENE	3	bc	53	92	8	1	-	-	2-3	2-3	2500	1	2	62	50	*	-	-	4.4	
7	Holyhead ...	26	1021.7	+6	NE	3	c	58	85	8	2	-	-	9+	1024.0	+10	ENE	3	bc	57	85	7	2	-	-	2-3	2-3	2500	1	1	62	43	*	-	-	*	
	Chester (Sealand) ...	16	1022.0	+6	NNW	1	c/d	54	85	6	5	-	-	7.8	1024.3	+14	NNW	1	bf	45	97	2	-	-	-	0	0	0	1	1	62	43	*	-	-	*	
8	Manchester ...	70													1023.9	+10	NE	1	z	50	97	6	-	4	-	0	1	-	1	1	60	(50)	41	-	-	0.9	
10	Spurn Head ...	29	1020.9	+8	NNE	3	b	56	92	7	-	-	-	0	1022.6	+12	NEN	4	b	59	92	7	-	4	-	0	1	-	1	3	62	50	*	4	0.1	8.6	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1024.4	+14	N	2	z	55	97	6	9	-	-	4-6	4-6	1500	1	1	57	53	*	-	-	0.4		
	Tynemouth ...	108	1022.4	+6	N	4	bc	55	97	7	5	-	-	4-6	1024.5	+10	N	2	bc	55	97	6	2	-	-	4-6	4-6	2500	1	2	57	55	52	Tr	-	*	
11	St. Abbs Head ...	280	1023.8	+10	NNE	3	c	54	85	8	5	3	-	4-6	1026.1	+26	NNE	3	c	54	85	8	8	2	-	7-8	9+	1500	0	2	55	*	*	-	-	*	
	Leuchars ...	36	1024.8	+18	N	0	bc	46	92	8	5	-	-	4-6	1026.8	+14	-	0	c	52	92	7	5	7	-	9+	10	2500	0	*	62	51	*	-	-	*	
12	Bentley (Abbot L.) ...	19	1024.5	+10	E/S	2	z	53	85	6	5	-	-	9+	1025.5	+14	NNW	3	bc	47	92	8	5	-	1	4-6	4-6	2500	0	1	66	51	43	38	-	-	2.7
	Eskdalemuir ...	794	1022.9	+10	E	4	b	57	85	8	4	-	-	1	1024.9	+12	E	3	c	56	92	8	5	3	-	Tr	7-8	1500	0	2	61	55	*	-	-	6.3	
	Point of Ayre ...	30																																			
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1025.5	+12	-	0	bc	48	97	8	5	4	5	2-3	2-3	4000	0	1	57	43	34	-	-	7.0		
13B	Stormoray ...	80	1024.2	+4	-	0	b	47	92	7	5	-	-	Tr	1025.8	+12	NNW	1	bc	58	92	8	5	7	9	2-3	4-6	4000	0	1	57	45	*	-	-	1.5	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1026.3	+12	NNW	1	c	53	97	7	6	-	-	9+	9+	2500	0	1	55	29	25	-	-	2.4		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1026.3	+12	NNW	1	c	53	85	7	6	-	-	9+	9+	2500	0	1	58	52	50	Tr	-	0.6		
	Wick ...	81	1024.5	+8	W	1	c	51	92	7	5	2	-	9	1026.1	+18	NNW	3	c	52	85	8	5	7	-	2-3	4-6	1500	0	1	57	48	*	-	-	*	
16	Larwick ...	156	1023.1	+14	W	3	c	52	85	8	5	2	-	7-8	1026.1	+18	NNW	3	c																		



## THE DAILY WEATHER REPORT

BRITISH SECTION  
Sunday, 17th September, 1939.  
No. 28423.

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.
<p>b, blue sky (not more than a quarter covered with cloud).            bc, sky partly cloudy (one half covered). c, generally cloudy.            d, drizzle. e, wet air. g, gloom.            f, fog, visibility 220-1100 yds.            F, thick fog, less than 220 yds.            fs, low fog over sea (coast station).            fg, low fog over land (inland station).            m, mist visibility 1100-2200 yds.            h, hail. i, intermittent.            jf, fog at a distance, but not at station.            jp, precipitation within sight of station.            ks, storm of drifting snow.            k/s, slight storm of drifting snow (generally low).            k/S, heavy storm of drifting snow (generally low).            s<sub>k</sub>/k, slight storm of drifting snow (generally high).            S/k, heavy storm of drifting snow (generally high).            KQ, line squall. l, lightning.            o, overcast sky. p, passing showers.</p>	<p>q, squalls. r, rain. s, snow.            rs, sleet. t, thunder.            u, ugly, threatening sky.            v, unusual visibility. w, dew.            x, hoar frost. y, dry air.            z, dust haze: the turbid atmosphere of dry weather.            h(r), "hail" or "rain and hail."            Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r<sub>o</sub>, slight rain.            rr, continuous rain.            &lt;, less than (for cloud height). ☄ gale.            ☉ Solar halo. ☾ Lunar halo. ☀ Aurora.            With present weather is combined, whenever possible, the general character of the weather.            A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.</p>	<p>0 No low clouds.            1 Fair weather Cu.            2 Large Cu without anvil.            3 Cb.            4 Sc formed by the spreading out of Cu.            5 Layer of St or Sc.            6 Ragged low clouds of bad weather (or fractonimbus).            7 Fair weather Cu and Sc.            8 Large-Cu (or Cb) and Sc.            9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>	<p>0 No 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>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>
		COLUMNS 12, 13, 26, 27.	<p>Cloud form abbreviations:—            Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altcumulus,—Ac: Altostratus,—As: Strato cumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.</p>	
		<p>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>COLUMN 29.—STATE OF GROUND.            7 .. Ground covered with snow, less than 6 ins., deep, but ground not frozen.            8 .. " covered with snow, less than 6 ins., but ground frozen.            9 .. " covered with snow greater than 6 ins. deep.            - .. Fresh snow has fallen in the mountains.</p>	

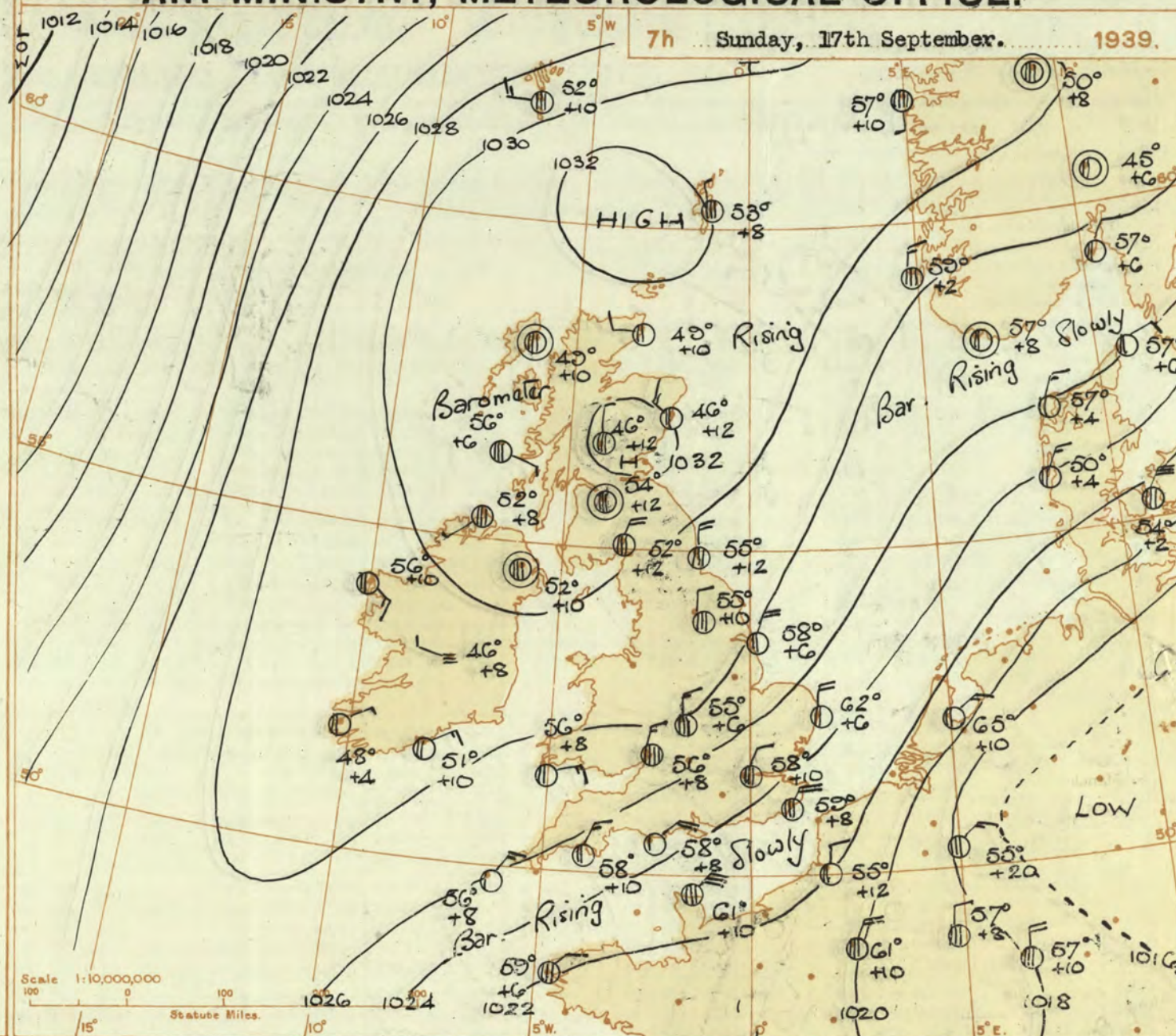
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

<sup>b</sup> Sea disturbance reported from Dungeness.



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ... Sunday, 17th September. 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th September, 1939.
1 S.E. England	Light to moderate north to northeast wind, fresh locally on coasts; bright periods, local showers near the east coast; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light to moderate north to northeast wind; fair; local morning fog; average temperature.
7 North Wales ...	
8 N.W. England	Light northeast to east wind; fair; local morning fog; average temperature.
9 N. Midlands ...	
10 N.E. England	Light northeast wind; bright intervals, slight local showers near coast; local morning fog; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light variable wind; fair; local morning fog; 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	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

As 7 - 9.

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

## GENERAL INFERENCE.

A large anticyclone centred near Shetland is increasing in intensity while pressure is low over Central Europe. Weather will be fair apart from slight local showers near the east coast.

## FURTHER OUTLOOK.

Little change.

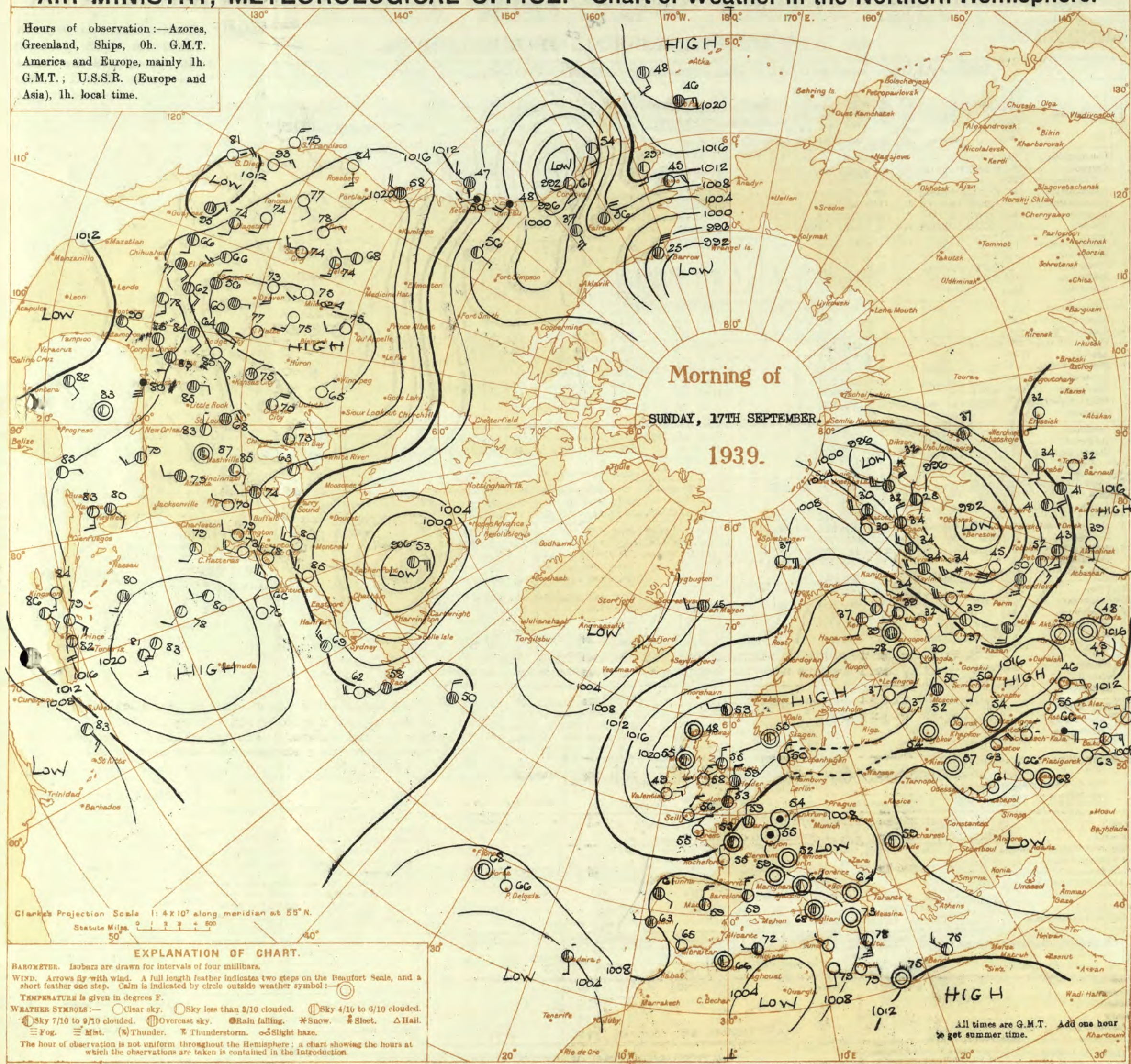
Forecasts issued at 0945 G.M.T.

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



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

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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 17th September, 1939.  
No. 28423.

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. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud. (9) (10) (11) (12)				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud. (23) (24) (25) (26)				State of Ground. (29)	Sea. (30)	TEMPERATURE. (31) (32) (33)			RAINFALL. (34) (35)		SUN-SET. (36)			
					Form. (9)	Amount. (10)					Height of Base. (11)	Total (12)	Form. (23)	Amount. (24)			Height of Base. (25)	Total (26)					Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)								
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1025.3	+6	N.E.	2	bc	60	85	7	S	4	-	4.6	4.6	2500	1	*	67	59	56	0.2	-	6.3		
	Croydon ...	217	1024.0	+2	N.E.	2	m	53	97	4	S	-	7.8	7.8	800	1025.1	+10	N.E.	2	c	58	92	7	S	-	7.8	3+	800	1	*	67	52	*	3	0.4	*	
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Boscombe Down ...	417	1025.0	+4	NNE	3	bc	57	92	6	S	-	4.6	4.6	2500	1026.0	+8	ESE	3	c	57	92	6	S	-	3+	3+	800	0	*	65	53	*	-	-	*	
	Calshot (St. Mary's) ...	8	1023.8	+4	N	3	bc	60	92	7	S	-	4.6	4.6	1500	1024.6	+8	N.W.	3	z.	59	92	6	S	-	2.3	2.3	1500	0	1	*	*	*	0.1	Tr	*	
	Lymington ...	346	1022.4	+2	N.E.	3	bc	59	92	6	S	-	2.3	2.3	1500	1023.3	+8	N.E.	4	pr	59	85	6	S	-	3+	3+	800	1	*	66	58	*	Tr	0.3	*	
	Manston ...	154	1022.5	+2	NEN	4	bc	62	92	6	S	-	4.6	4.6	800	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1024.2	+6	N.W.	3	c	59	97	6	S	-	-	7.8	7.8	2500	1	*	70	56	47	0.6	-	3.2		
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1024.2	+6	N.E.	4	z.	58	97	6	S	-	-	2.3	2.3	800	1	2	*	*	*	0.1	-	*		
	Gorleston ...	5	1023.1	+4	N.W.	4	bc	61	92	6	S	-	4.6	4.6	2500	1024.3	+6	N	4	bc	62	85	6	2	-	4.6	4.6	2500	0	2	66	61	59	*	-	*	
	Mildenhall ...	19	1024.3	+4	N	2	z.	59	97	6	S	-	9	9	2500	1025.6	+10	N.E.	3	z.	58	97	6	5	7	-	9	3+	1500	1	*	68	55	*	0.1	Tr	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1027.1	+10	N	3	c	57	92	7	5	7	-	9	10	800	1	*	66	55	53	0.6	-	4.6		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1028.1	+6	N	3	o	58	92	5	S	-	-	10	10	450	1	*	64	54	51	-	-	2.7		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1026.4	+8	N.W.	3	pr	57	92	6	S	-	-	3+	3+	800	1	*	66	55	*	-	-	2.4		
	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1026.9	+8	NNE	3	o	56	85	6	S	-	-	10	10	1500	0	*	65	55	48	-	-	*		
5	Hartland Point ...	299	1025.1	0	NE	3	b	59	85	7	-	-	0	0	-	1026.4	+10	NNE	4	bc	59	85	7	5	-	4.6	4.6	2500	0	2	63	58	55	-	-	4.4	
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1027.0	+10	NNE	3	z.	57	92	6	5	-	-	7.8	7.8	1500	0	0	66	53	41	Tr	Tr	5.5		
	Portland Bill ...	32	1024.0	+4	ENE	3	bc	59	85	7	S	-	2.3	2.3	4000	1025.6	+8	NE	4	b	58	85	7	-	-	0	0	-	1	3	65	56	*	-	-	*	
	Plymouth ...	82	1044.5	0	NNE	3	b	60	85	7	-	-	0	0	-	1025.9	+10	NEN	3	bc	58	85	7	7	-	2.3	2.3	2500	0	1	66	57	53	-	-	6.9	
	The Lizard ...	240	1025.2	+2	N	3	b	55	85	8	-	-	0	0	-	1026.0	+8	NNE	3	b	56	97	7	-	-	0	0	-	0	1	64	53	*	-	-	8.1	
	Scilly (St. Mary's) ...	163	1025.2	+4	NE	3	b	56	97	6	-	-	0	0	-	1026.0	+8	NE	3	b	56	97	6	1	-	Tr	Tr	4000	0	2	65	56	*	0.1	11.5		
	Guernsey ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
6	Pembroke ...	142	1026.1	+2	ENE	3	c	58	85	7	S	-	7.8	7.8	2500	1027.8	+8	E.N.	3	bc	56	85	7	5	6	-	2.3	2.3	2500	0	1	65	54	*	-	-	7.5
7	Holyhead ...	26	1027.5	+6	NEE	3	b	58	92	7	-	-	0	0	-	1028.9	+10	E.N.	3	c	58	85	7	5	-	Tr	3+	2500	1	1	*	*	52	-	-	8.5	
	Chester (Sealand) ...	16	1028.1	+2	N.W.	1	bf	50	97	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1025.1	+10	NNE	3	bc	57	85	7	7	3	6	4.6	4.6	4000	*	*	66	*	*	-	-	*		
10	Spurn Head ...	29	1025.9	+2	N.E.	4	o	59	92	7	S	-	10	10	2500	1027.1	+6	NNE	4	bc	58	92	6	8	-	4.6	4.6	1500	1	2	63	57	*	-	Tr	4.5	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1029.7	+10	N	2	z.	55	92	6	5	-	-	7.8	7.8	2500	1	*	64	54	*	Tr	-	*		
	Tynemouth ...	108	1028.8	+4	N	3	c	55	97	6	8	-	3+	3+	1500	1029.6	+12	N	4	c	55	97	6	2	-	7.8	7.8	2500	1	2	55	52	Tr	-	*		
11	St. Abbs Head ...	280	1030.3	+4	NNW	2	c	54	92	8	S	2	7.8	10	2500	1031.0	+10	-	0	of	53	97	6	5	-	10	10	800	1	1	57	52	*	-	Tr	*	
	Leuchars ...	36	1030.9	+6	-	0	bc	46	97	8	S	-	2.3	2.3	4000	1032.2	+14	-	0	bc	45	97	5	5	-	10	10	4000	1	*	63	42	*	-	-	*	
12	Renfrew (Abbots L.) ...	19	1030.4	+6	NEE	1	z.	54	85	6	S	-	10	10	2500	1031.7	+12	-	0	c	54	85	7	5	-	10	10	5700	0	*	63	52	50	-	-	4.3	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1031.2	+12	N.E.	2	c	52	75	8	5	-	-	3+	3+	2500	1	*	60	50	49	-	-	0.7		
	Point of Ayre ...	30	1028.3	+8	E	3	b	59	92	8	-	-	0	0	-	1029.5	+10	E.S.	3	c	58	85	8	5	-	3+	3+	2500	0	2	63	58	*	-	-	9.7	
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1030.1	+6	ESE	1	c	56	85	7	5	-	-	3+	3+	4000	0	1	60	52	45	-	-	7.6		
13B	Stormway ...	80	1030.7	+6	-	0	b	48	92	7	5	-	Tr	Tr	4000	1031.8	+10	-	0	c	49	92	8	5	7	-	3	3+	4000	0	0	61	47	*	-	-	10.8
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1031.7	+12	N	1	o	c	46	97	8	5	-	10	10	4000	0	*	64	42	35	-	-	6.1		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1031.9	+12	NW	3	bc	46	97	6	5	-	-	4.6	4.6	4000	1	1	53	45	42	-	-	4.1		
	Wick ...	81	1030.8	+4	3	2	bc	47	97	7	8	7	4.6	4.6	1500	1031.8	+10	N	1	c	49	97	7	5	6	-	7.8	3	2500	1	1	58	43	*	-	-	*
16	Lerwick ...	156	1031.2	+6	W.S.	1	c	53	85	8	5	2	7.8	3+	1500	1032.0	+8	NNW	1	c	53	85	8	5	3	-	4.6	7.8	1500	0	*	57	51	*	-	-	6.6
17	Blacksod Point ...	18	1028.0	+2	-	0																															



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 18th September, 1939  
No. 28424.

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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
									Form.	Amount.	Height of Base (feet)	Low 0-10	Total 0-10	Form.								Amount.	Height of Base (feet)	Low 0-10	Total 0-10	Form.	Amount.			Height of Base (feet)	Low 0-10	Total 0-10	Form.	Amount.	Height of Base (feet)	Low 0-10	Total 0-10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lymington ... Manston ...	1025.4 1024.8 1025.5 1026.0 1025.2 1024.1 1024.7	-4 -8 -6 -4 0 -2 +6	NE NE NEN NEN NNE NNE NEN	4 3 3 3 3 3 5	c bc bc bc bc bc c	65 67 66 65 65 66 67	55 58 57 65 65 56 75	8 8 8 7 8 9 8	8 2 - 7 - 1 2	5 4 1 - - 4 3	4-6 4-6 4-6 7.8 4-6 4-6 4-6	7.8 4-6 4-6 7.8 4-6 4-6 7.8	2500 4000 2500 2500 2500 2500 2500	1026.2 1025.4 1026.1 1026.2 1025.0 1024.5 104.8	+1 +0 +1 +0 +1 +1 +0	NNE N'E NNE NEN N N'E N'E	3 4 3 3 4 4 5	bc bc bc bc c bc bc	63 63 63 61 65 62 75	66 75 65 75 75 75 85	8 8 7 8 8 8 8	8 1 7 1 2 4 8	- - 1 1 2 - -	2-3 2-3 Tr Tr Tr 2-3 4-6	2-3 4000 2500 2500 1500 1500	0 1 0 0 0 0 0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*</

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

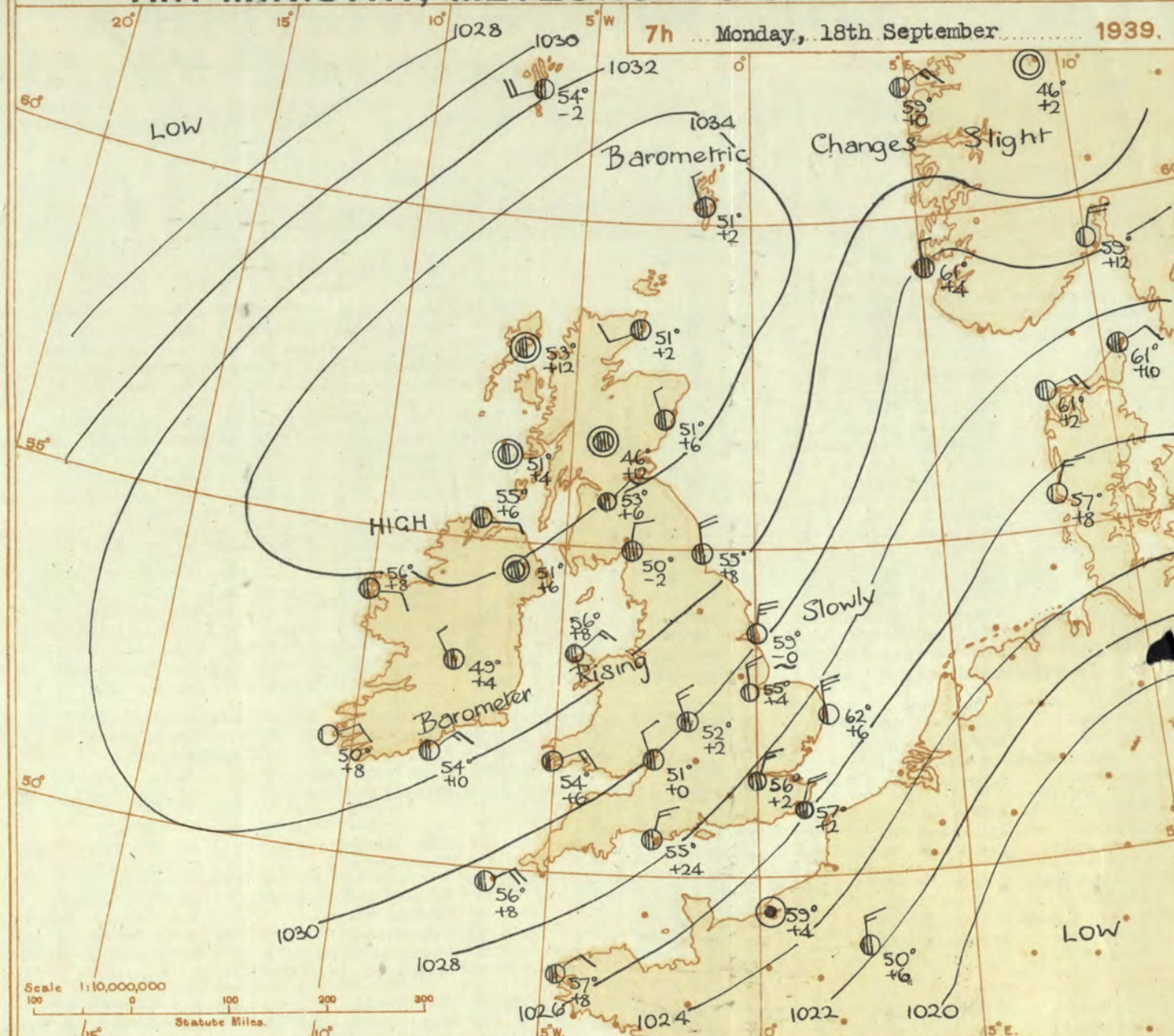
COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION  
AND SYMBOLS FOR WEATHER.

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,



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ... Monday, 18th September 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th September, 1939.
1 S.E. England	Wind north to northeast, moderate to fresh, perhaps strong locally on coasts; mainly fair but considerable cloud at times, a few local showers near the coast; rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northeast, moderate; fair; considerable bright periods; average temperature.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	As 1 - 3.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind variable, light; fair, rather cloudy at times in the East, considerable bright periods in the West; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
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	As 4 - 8.
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An intense anticyclone is centred over Scotland and pressure is relatively low over Central Europe. Weather will be fair nearly everywhere with considerable sunny periods in many parts of the West and North but there will be a few local showers on the East Coast. Temperature will be average or a little below.

## FURTHER OUTLOOK.

Continuing fair.

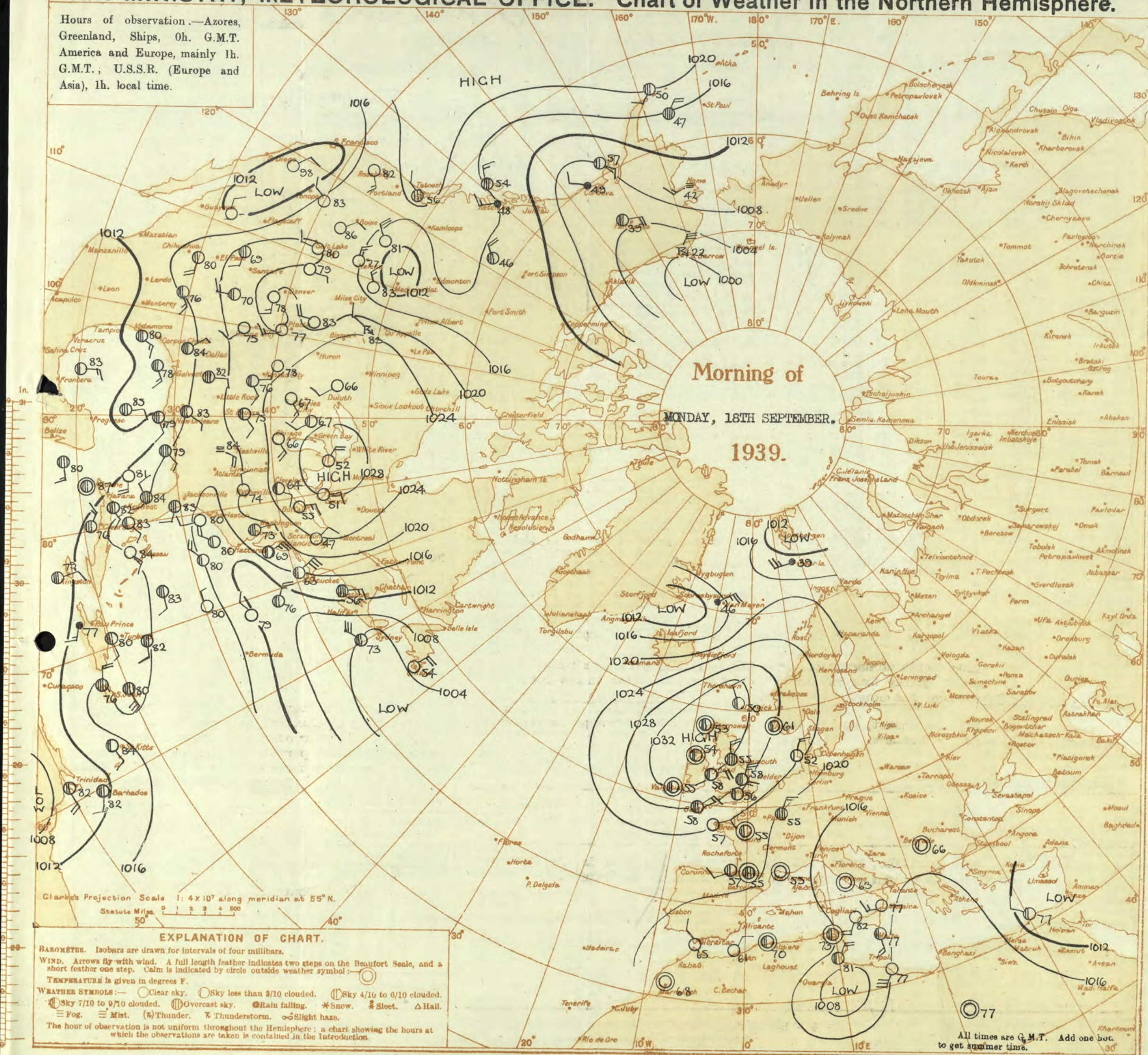
Forecasts issued at 0930 G.M.T.

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



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

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





AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 18th September, 1939.  
No. 28424.

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.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.			SUNSHINE Hrs.		
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low	Med.	High		Low	Med.
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmntn.) ... Lympe ... Manston ...	18 217 226 417 8 346 154	* 10263 * 10284 10270 10253 10251	* -2 * +6 -2 0 -2	* N.E. * N.N.E. N.W. N.E. N.E.	* 3 * 3 3 4 5	* Z * bc Z bc bc	56 * * 55 57 56 61	85 * * 85 85 92 75	6 * * 7 6 7 6	5 * * 5 4 5 5	* * * * * * *	2-3 2-3 * 4-6 2-3 2-3 4-6	1500 * * 1500 2500 2500 1500	10273 10267 * 10284 10272 10246 10247	+2 +2 * +6 +4 +2 +6	NNE N.E. * N.E. N.W. NNE N.E.	3 3 * 4 3 4 4	C C * C C C C	58 56 * 53 57 57 61	85 92 * 92 85 97 92	7 6 * 7 5 6 6	5 5 * 5 5 7 9	- - * - - - -	- - * 9 9 9 9	7-8 7-8 * 7-8 9 9 9	1500 800 * 1500 1500 450 800	0 * * 0 0 0 0	* * * * * * *	68 68 * 68 50 67 68	56 * * * * * * *	51 * * * * * * *	- - * - - 1 0.1	- * * - - * *	9.1 * * * * * 02 *		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	* * 10263 10276 *	* * 0 -2 *	* * N.W. N.W. *	* * 5 3 *	* * bc bc *	56 * 61 53 *	85 * 88 92 *	7 * 7 7 *	5 * 8 5 *	* * * * *	* * 4-6 2-3 * * *	2500 2500 2500 4000 4000	10260 10261 10261 10279 10298	+2 +1 +6 +8 +6	N N.E. N.E. N.E. N.E.	4 4 5 3 4	C bc bc C bc	58 58 62 58 55	97 92 85 92 85	8 7 6 7 7	5 4 2 3 5	- - - - -	- 9 2-3 4-6 9 9	7-8 4-6 2-3 4-6 9 9	2500 2500 2500 1500 1500 800	0 1 3 1 1 0	* * * * * *	70 * 56 67 67	54 * 57 52 53	48 * 57 * *	- Tr - - Tr -	- - - - - -	10.1 9.9 * * * *		
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	535 408 223	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	10304 10289 10279	+2 +2 0	NNE N NNE	4 3 2	C C C	52 54 51	85 92 85	5 7 6	5 5 5	- - -	- 3 -	9 7-8 9+	9 800 9+	2500 800 2500	0 0 0	* * *	65 67 65	51 51 49	43 * 43	- - -	- - -	3.6 * 1.8		
4	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	10257 * 10284 10281 10282 10283 *	+6 * 45 +2 +6 0 *	NNE * N.E. N.E. N.E. N.E. N.E.	3 * 3 3 4 3 3	bc * bc bc bc C C	58 * 56 57 58 58 58	85 * 85 85 85 85 97	8 * 7 5 8 6 6	5 * 5 5 4 5 5	* * * * * * *	2-3 2-3 4-6 2-3 4-6 9+	2500 2500 4000 4000 2500 2500 4000	10291 10296 10283 10283 10294 10292 *	+4 +6 +24 +10 +8 +8 *	NNE NNE NNE NNE NNE NNE NNE	4 4 3 3 4 4 4	C C C C C C C	57 52 55 55 56 52 56	85 85 85 85 85 92 92	8 6 5 5 8 8 8	2 5 2 4 1 8 4	- - - - - - -	- 2-3 7-8 4-6 4-6 4-6 2-3	7-8 2500 2500 4000 1500 1500 2500 2500	0 0 1 0 0 0 0	* * * * * * *	64 65 65 67 67 64 64	56 50 53 53 53 50 55	53 * * * * * * *	- - - - - - -	- - - - - - -	5.6 3.5 * * 8.1 10.6 9.3			
5	Pembroke ... Holyhead ... Chester (Sealand) ... Manchester ...	142 26 16 70	10305 10314 10321 *	+10 +6 +4 *	N NNE NNE *	3 4 1 *	bc C Z *	56 58 51 *	85 85 85 *	7 7 6 *	2 3 * *	- - - *	2-3 4-6 0 *	2500 2500 * *	10305 10321 10322 *	+6 +8 +4 *	NNE NNE NNE *	3 3 1 *	bc C Z *	54 56 52 *	85 85 85 *	7 8 6 *	5 5 5 *	- - - *	- 9 9 9	4-6 4-6 9 9	2500 4000 4000 4000	0 0 1 1	* * * *	66 * 67 65	52 * 45 *	* * * *	- - - -	- - - -	6.5 * * *		
6	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	10294 * 10323	0 * +4	N * N	5 * 4	C * 0	58 * 55	85 * 85	7 * 7	5 * 2	- * -	10 10 10	2500 * 1500	10294 10323 10325	0 +2 +8	N N N	5 4 2	bc C C	59 53 55	85 92 85	7 7 7	- 5 5	- - -	- 8 -	0 9+ 9+	2-3 1500 1500	0 * 1	4 * 2	63 61 59	57 * 53	* * 51	- - Tr	- * *	7.5 * *		
7	St. Abbs Head ... Leuchars ... Renfrew (Abbots L.) ... Eskdalemuir ... Point of Ayre...	280 36 19 794 30	10337 10347 10344 * 10326	-2 * +4 * +4	N * N * N	2 1 0 * 4	C b Z * bc	53 45 54 * 57	85 92 85 * 75	8 5 6 * 8	5 5 5 * 5	- - - * -	7-8 1 10 * 2-3	2500 4000 2500 * 4000	10339 10353 10350 10339 10332	+8 +6 +8 -2 +4	N N NNE NNE N	2 1 1 2 4	C C C C C	53 50 50 50 55	85 85 85 85 85	9 8 8 8 8	5 5 5 5 3	- - - - -	- 9+ 9+ 10 9+	7-8 2500 2500 4000 1500	0 1 0 0 0	2 * * * 3	55 59 61 60 63	52 43 52 45 54	* * * 41 *	- - - - -	- - - - -	* * * * 2.4			
8	Tiree ... Stormoray ... Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	22 80 1176 79 81 156	10348 * * 10351 10349	0 * * 0 +20	N * * SE NNE	0 * * 1 2	C * * C bc	53 * * 53 50	85 * * 75 75	7 * * 7 8	5 * * 2 -	- * * - -	7-8 * * 7-8 2-3	2500 * * 2500 2500	10348 10358 10366 10353 10355 10351	+4 +2 +12 +6 +2 +2	N N N NNE NNE N	0 0 0 1 1 1	C C C C C C	51 53 46 51 51 51	97 85 92 85 92 85	7 7 8 8 8 8	5 5 5 5 7 3	- - - - - -	- 4-6 10 9 9 7-8 4-6	7-8 2500 4000 2500 2500 2500	0 0 0 0 1 1	1 0 0 1 1 *	65 58 63 57 57 60	45 * 44 49 49 * 49	37 * 41 * * * *	- - - - - -	- - - - - -	5.1 0.0 0.7 0.0 * 3.1			
9	Blacksod Point ... Malin Head ... Aldergrove ...	18 84 268	10325 10342 *	+4 +2 *	N * *	0 0 *	b bc *	53 54 *	92 85 *	7 7 *	- 4 *	- - *	0 4-6 *	4000 4000 *	10325 10342 10343	+8 +6 +6	N N N	2 1 0	C C C	56 55 51	85 75 92	8 6 7	4 5 5	- 8 -	- - -	2-3 4-6 9+	4-6 7-8 9+	4000 5700 4000	0 0 1	2 1 *	67 60 65	50 51 43	* * *	- - -	- - -	6.7 * *	
10	Birr Castle ... Valentia Obsy. † Roches Point	173 30 22	* 10316 *	* +2 *	* * *	* 0 *	* bc *	* 55 *	* 92 *	* 7 *	* 5 *	* - *	* 2-3 *	* 4000 *	* 10326 10318	+4 +8 +10	NW ENE NE	1 3 3	C C C	49 50 54	97 97 92	8 8 8	5 5 5	- - -	- 1 9	9+ Tr 9	2500 - 2500	0 0 0	* * 1	65 67 65	44 48 51	34 41 *	- Tr -	- 6.8 *			
LONDON OBSERVATIONS		Day 7h-18h, Kew & Croydon.		9h-18h, Kensington.		9h-21h, other stations except for rainfall which is 9h-18h.		Weather		Temperature.			Rainfall.		Sunshine.		Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.																
		Morning.		Afternoon.		Night.		Day Max.		Night Min.		Min. on Grass.		Day.		Night.		15h. G.M.T.		9h. G.M.T.		24 hrs. ended 7h. G.M.T. 18th.		COLUMNS 2, 16.													
		24 hrs. ended 9h.		°F.		°F.		°F.		°F.		°F.		mm.		mm.		G.M.T.		G.M.T.		24 hrs. ended 7h. G.M.T. 18th.		The barometric tendency is expressed in tenths of a millibar.													
		Kew...		bc		bc		68		55		51		-		-		9.1		.		7		COLUMNS 4, 18.													
		CROYDON		cb		cb		68		* *		* *		-		-		* *		.		* *		THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.													
		GREENWICH (Royal Observatory)...		cy		bc		69		55		50		-		-		8.3		57		74		COLUMNS 8, 22 — Code for surface visibility.													
		CITY (Sunhill Row) ...		.		.		.		.		.		.		.		.		.		.		Objects not visible at 55 yards.													
		WESTMINSTER (St. James' Park) ...		.		.		71		51		52		-		-		8.7		52		76		1 Thick fog 220 "													
		RECENTS PK. (Botanic Gardens)...		.		.		71		55		46		-		-		.		62		72		2 Fog 550 "													
		CAMDEN SQUARE ...		bc		bc		71		55		51		-		-		.		.		75		3 Moderate fog 1,100 "													
		KENSINGTON ...		bc		bc		70		55		50		-		-		.		.		.		4 Mist or haze 1 1/2 miles.													
		HAMPSHIRE OBSERVATORY ...		bc		bc		67		52		51		-		-		.		67		83		5 Poor visibility 2 1/2 "													
FOREIGN OBSERVATIONS.		18h. G.M.T. 17h. September...																																			



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 19th September, 1939.

No. 28425.

DISTRICT.	STATIONS.  (For heights see p. 4.)	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. Dirce. 0-12	Weather.	Temp.	Humid.	Visiblity 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dirce. 0-12	Weather.	Temp.	Humid.	Visiblity 0-9	Cloud.						State of Ground. 0-9	Sea. 0-9	WEATHER.																			
									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. 18th	13h.-18h. 18th	18h. to 1h. 19th	1h.-7h. 19th																
																																		Low	Med.	High	Low	Total 0-10	Total 0-10	Low	Med.	High	Low	Total 0-10	Total 0-10	18th	18th	19th	19th
(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)...	1027.3	0	NNE	4	c	66	55	8	1	3	-	4-6	7-8	2500	1027.5	+4	NNE	3	bc	62	65	8	7	-	1	2-3	2-3	2500	0	*	cbc	bc	bcc	cm.														
	Croydon ...	1026.8	-1	NNE	4	c	66	55	8	2	3	-	7-8	7-8	4000	1026.8	+8	NNE	3	bc	62	75	8	4	4	1	4-6	4-6	4000	0	*	cm.	bc	bcc	cm.														
	S. Farnborough	1027.4	+8	NNE	3	bc	62	65	8	4	-	-	2-3	2-3	4000	1027.4	+8	NNE	3	bc	62	65	8	4	-	-	2-3	2-3	4000	0	*	cbc	bc	bcc	cm.														
	Boscombe Down	1027.8	-4	NEN	4	bc	62	65	8	7	-	-	4-6	4-6	2500	1027.7	+2	NNE	4	b	61	65	8	1	-	-	Tr	Tr	4000	0	*	cbc	bc	bcc	cm.														
	Calshot (Soton.)	1026.9	-2	NNE	4	bc	63	55	8	2	6	-	4-6	4-6	2500	1026.6	-2	NNE	4	b	64	65	8	1	4	-	Tr	Tr	4000	0	3	cm	bc	bcc	cm.														
	Lymington	1025.5	+2	NNE	4	c	62	75	8	3	-	-	9+	9+	2500	1025.9	+4	NNE	5	bc	60	85	8	1	4	-	4-6	4-6	1500	0	*	cm	bc	bcc	cm.														
	Manston	1025.7	+2	NNE	5	c	66	75	8	3	-	6	9	9+	1500	1025.7	+2	NNE	6	bc	62	92	7	5	-	-	4-6	4-6	1500	0	*	cm	bc	bcc	cm.														
2	Shoeburyness ...	1026.3	0	NE	4	bc	63	65	8	2	4	-	2-3	4-6	4000	1026.3	+4	NNE	4	b	62	75	8	8	-	1	Tr	Tr	2500	0	*	cm.	bc	bcc	cm.														
	Felixstowe ...	1026.2	0	NE	5	bc	63	65	8	1	4	-	4-6	4-6	2500	1026.6	+2	NNE	4	bc	62	85	8	5	-	-	2-3	2-3	1500	0	3	bc	bc	bcc	cm.														
	Gorleston ...	1027.7	+4	N	5	bc	65	75	7	1	4	-	4-6	4-6	2500	1027.4	+4	N	4	c	62	85	8	3	4	-	4-6	7-8	2500	0	3	bc	bc	bcc	cm.														
	Mildenhall ...	1028.0	-2	NEN	5	c	65	65	8	2	-	-	7-8	7-8	2500	1028.6	+6	NNE	4	bc	59	85	8	7	4	-	2-3	2-3	1500	0	*	c	bc	bcc	cm.														
	Cranwell ...	1030.0	-2	NNE	4	bc	64	65	8	3	4	-	4-6	4-6	2500	1030.4	+4	NNE	3	c	58	85	8	5	-	-	9	9	2500	0	*	bc	bc	bcc	cm.														
3	Birmingham ...	1031.7	-2	NNE	4	bc	62	65	7	8	-	-	4-6	4-6	2500	1030.3	+2	NNE	4	z	60	75	6	4	-	-	1	1	4000	0	*	bc	bc	bcc	cm.														
	Upper Heyford	1028.7	-4	NNE	4	c	64	75	8	8	-	-	7-8	7-8	2500	1028.9	+4	NNE	3	b	59	75	8	4	4	-	1	1	4000	0	*	c	bc	bcc	cm.														
4	Ross-on-Wye ...	1029.6	-4	NNE	4	c	63	65	6	5	-	-	7-8	7-8	4000	1029.1	-4	NNE	2	z	61	75	6	1	-	-	1	1	2500	0	*	c	bc	bcc	cm.														
5	Hartland Point ...	1029.0	-8	NNE	4	bc	60	75	7	7	4	-	2-3	4-6	2500	1029.0	0	NNE	4	b	61	85	7	4	-	-	1	1	4000	0	2	bc	bc	bcc	cm.														
	Bristol ...	1029.9	-4	NNE	4	bc	63	75	7	7	4	-	4-6	4-6	2500	1028.7	-6	NNE	2	b	61	75	7	1	-	-	Tr	Tr	2500	0	3	cm	bc	bcc	cm.														
	Portland Bill ...	1027.2	-10	NE	4	c	65	85	8	5	4	-	4-6	7-8	4000	1027.2	-8	NNE	3	bc	64	85	8	5	-	-	4-6	4-6	4000	0	1	bc	bc	bcc	cm.														
	Plymouth ...	1028.4	-4	NNE	4	c	64	55	8	4	-	-	7-8	7-8	2500	1027.9	-2	NNE	3	z	63	65	6	-	-	-	0	0	4000	0	1	bc	bc	bcc	cm.														
	The Lizard ...	1028.6	-8	ENE	4	bc	64	65	8	8	6	-	4-6	4-6	2500	1028.8	-6	NNE	3	bc	60	85	8	8	6	-	4-6	4-6	2500	0	1	bc	bc	bcc	cm.														
	Scilly (St. Mary's)	1029.5	-2	NE	3	bc	61	85	8	2	6	-	2-3	4-6	2500	1028.9	-2	NNE	4	c	59	92	7	8	8	3	4-6	7-8	2500	0	2	bc	bc	bcc	cm.														
6	Pembroke ...	1031.1	0	NE	2	c	61	75	8	5	-	-	9	9	2500	1030.7	-4	NE	3	bc	58	75	8	-	7	-	0	2-3	-	1	1	bc	bc	bcc	cm.														
7	Holyhead ...	1032.6	0	NNE	4	c	59	75	9	8	-	-	9	9	2500	1032.5	+2	NNE	4	bc	58	85	9	8	3	-	2-3	4-6	4000	0	2	cm	bc	bcc	cm.														
	Chester (Sealand)	1032.3	0	NNE	2	z	60	75	6	7	-	-	9+	9+	2500	1031.9	+2	NNE	1	z	56	85	5	8	3	-	1	2-3	2500	0	*	cm	bc	bcc	cm.														
8	Manchester ...	1032.0	0	NEN	3	z	62	65	6	7	4	-	4-6	4-6	2500	1032.0	0	NEN	3	z	58	75	6	7	4	-	1	1	4000	0	*	cm	bc	bcc	cm.														
10	Spurn Head ...	1030.9	+4	NNE	5	c	61	85	7	5	-	-	9+	9+	800	1030.7	+4	NNE	5	q/d	58	92	6	5	-	-	10	10	450	1	4	bc	bc	bcc	cm.														
	Catterick ...	1032.9	+2	NNE	3	z	58	75	6	5	-	-	10	10	2500	1033.2	+6	NNE	3	c	54	85	7	5	-	-	10	10	1500	1	2	c	bc	bcc	cm.														
	Tynemouth ...	1033.2	+2	N	5	o/d	55	85	8	-	2	-	10	10	1500	1033.2	0	N	5	c	55	85	7	8	-	-	9+	9+	1500	1	2	c	bc	bcc	cm.														
11	St. Abbs Head...	1034.7	+4	NNE	2	c	53	85	9	5	2	-	7-8	10	2500	1034.3	-2	NNE	3	c	53	75	8	5	6	-	7-8	9+	2500	0	2	c	bc	bcc	cm.														
	Leuchars ...	1035.4	0	ENE	2	c	57	65	8	5	-	-	9+	9+	4000	1035.3	+2	ENE	3	c	55	75	9	5	-	-	9+	9+	4000	0	*	c	bc	bcc	cm.														
12	Renfrew (Abbots)	1035.5	0	E	2	c	57	65	8	5	-	-	10	10	2500	1035.1	-2	E	0	z	56	75	5	5	-	-	9+	9+	4000	0	*	c	bc	bcc	cm.														
	Eskdalemuir ...	1034.4	0	NEN	3	c	53	75	8	5	-	-	10	10	2500	1034.4	0	NEN	3	c	51	75	8	5	-	-	10	10	2500	1	1	c	bc	bcc	cm.														
	Point of Ayre ...	1034.1	+2	ENE	4	c	57	85	8	5	7	-	7-8	9+	2500	1033.6	-2	ENE	4	c	57	85	8	5	-	-	9	9	1500	0	3	c	bc	bcc	cm.														
13A	Tiree ...	1035.0	0	ENE	1	bc	59	65	8	7	3	-	4-6	4-6	4000	1034.8	0	N	2	b	55	75	8	1	-	5	1	4000	0	2	bc	bc	bcc	cm.															
13B	Stornoway ...	1036.4	+2	-	0	c	61	55	7	5	7	-	4-6	9	4000	1036.1	+4	N	0	b	56	75	8	2	-	-	1	1	4000	0	0	c	bc	bcc	cm.														
15	Dalwhinnie ...	1035.6	-2	NE	3	bc	56	65	8	4	6	-	2-3	4-6	4000	1036.2	+4	NNE	3	bc	51	92	8	4	6	-	2-3	2-3	4000	0	1	c	bc	bcc	cm.														
	Aberdeen ...	1035.4	+2	N	2	c	55	75	8	5	-	-	9	9	2500	1035.6	+2	N	2	c	54	75	8	5	-	-	9	9	2500	0	1	c	bc	bcc	cm.														
	Wick ...	1035.8	+2	ENE	2	c	57	65	7	5	7	-	7-8	9+	2500	1035.7	0	NNE	2	c	55	65	8	5	7	2	7-8	9+	1500	1	1	c	bc	bcc	cm.														
16	Lerwick ...	1034.9	-2	NNW	3	c	57	65	8	5	7	-	7-8	10	1500	1034.7	0	NNW	2	bc	55	75	8	5	4	-	2-3	4-6	2500	0	*	c	bc	bcc	cm.														
7	Blacksod Point...	1034.1	-2	NE	1	bc	65	65	8	-	4	-	0	4-6	-	1033.7	+6	NE	3	b	63	65	8	-	-	-	0	0	-	0	2	bc	bc	bcc	cm.														
18	Malin Head ...	1035.4	0	E	1	bc	58	75	8	5	3	-	2-3	4-6	5700	1035.2	+4	E	1	bc	57	75	7	4	-	-	2-3	2-3	4000	0	0	c	bc	bcc	cm														



Low 1024 1026 1028 5° W

7h Tuesday, 19th September. 1939.

Bar. Falling Slowly

54° -8

55° +0

46° +2

46° +4

55° +4

57° +6

61° +0

50° +4

50° +2

52° +2

55° +2

51° +0

51° +2

50° +0

53° +0

52° -4

55° -4

56° +2

58° -2

61° +0

55° +2

52° +16

LOW

HIGH 1036 1034 1032 1030 1028 1026 1024 1022 1020

Barometric Changes

58° Slight

53° +0

52° -4

55° -4

56° +2

58° -2

61° +0

55° +2

52° +16



LOW

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

15° 10° 5° W 5° E

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th September, 1939.
1 S.E. England	Wind north to northeast, moderate to fresh locally on coast; mainly cloudy, a few coastal showers; rather cool.
2 E. England ...	Wind northerly, light to moderate; cloudy, local drizzle in early morning.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northeast, light to moderate; fair, some bright periods locally; average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 2 - 4.
10 N.E. England	
11 S.E. Scotland	Light variable winds; fair, bright periods in many areas; average temperature.
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	As 5 - 8.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

H.M.S.O. Press, Cornwall House, S.E.1.      5 470/3743 W. 6109. 5 4426. 5 595. 25520. 5/35

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.

An intense anticyclone centred over Scotland covers the British Isles. Weather will be fair apart from some local drizzle in the morning in the East, but there will be considerable cloud at times in many areas. Temperature will tend to be below average.

Continuing fair.

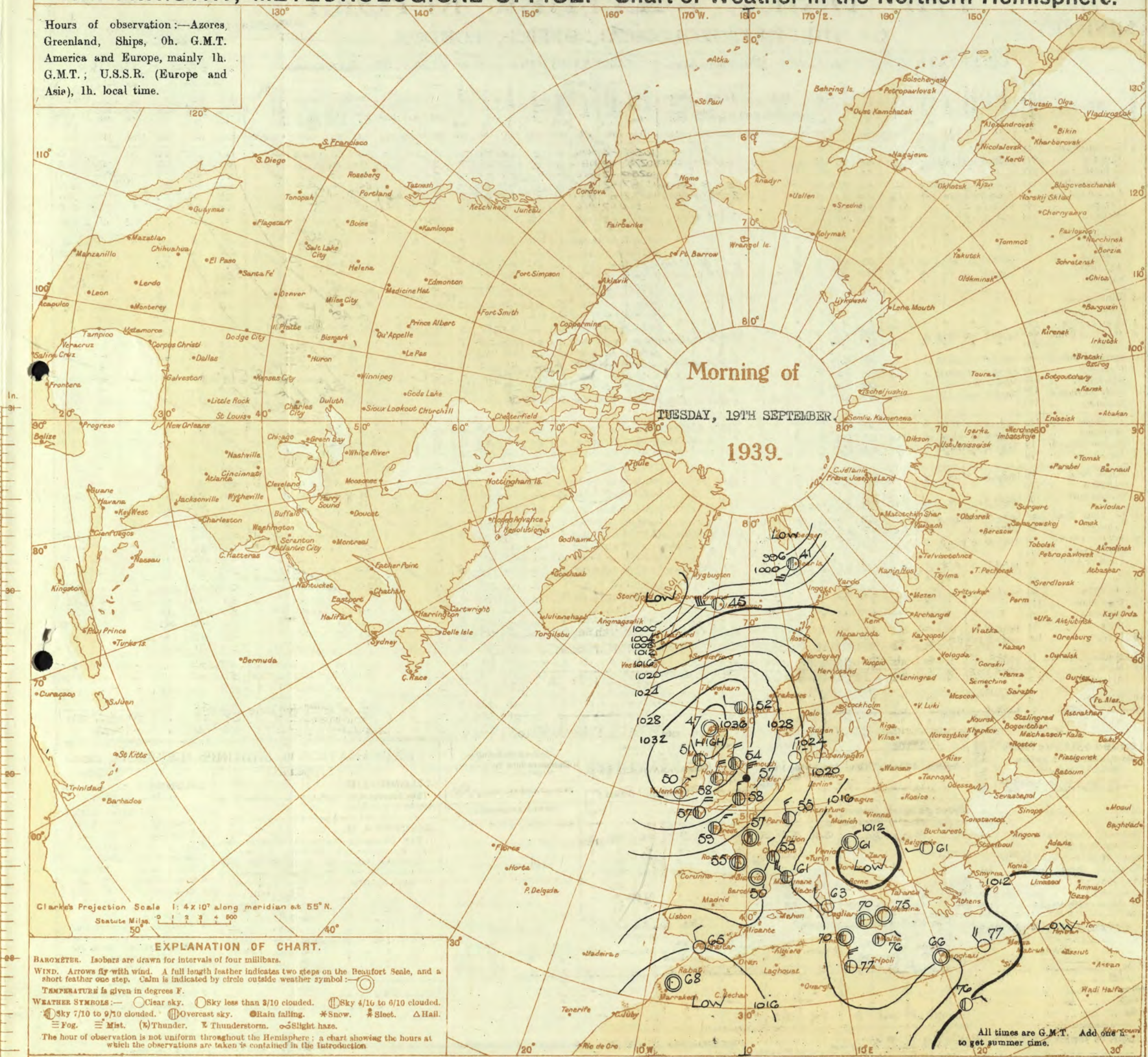
Forecasts issued at 0930 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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

Tuesday, 19th September, 1939.  
No. 28425.

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.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.				RAINFALL.				SUN SHINE 10th Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
										Form.		Amount.	Height of Base (feet)	Form.								Amount.	Height of Base (feet)	Form.		Amount.								Height of Base (feet)	Form.		Amount.	Height of Base (feet)	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.		Min. on Grass °F.		Day 7h-18h mm.		Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
										Low	Med.	High	Low	Total								Low	Total	Low	Total	Low								Total	Low	Total	Low	Total	Low	Total	0-9		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

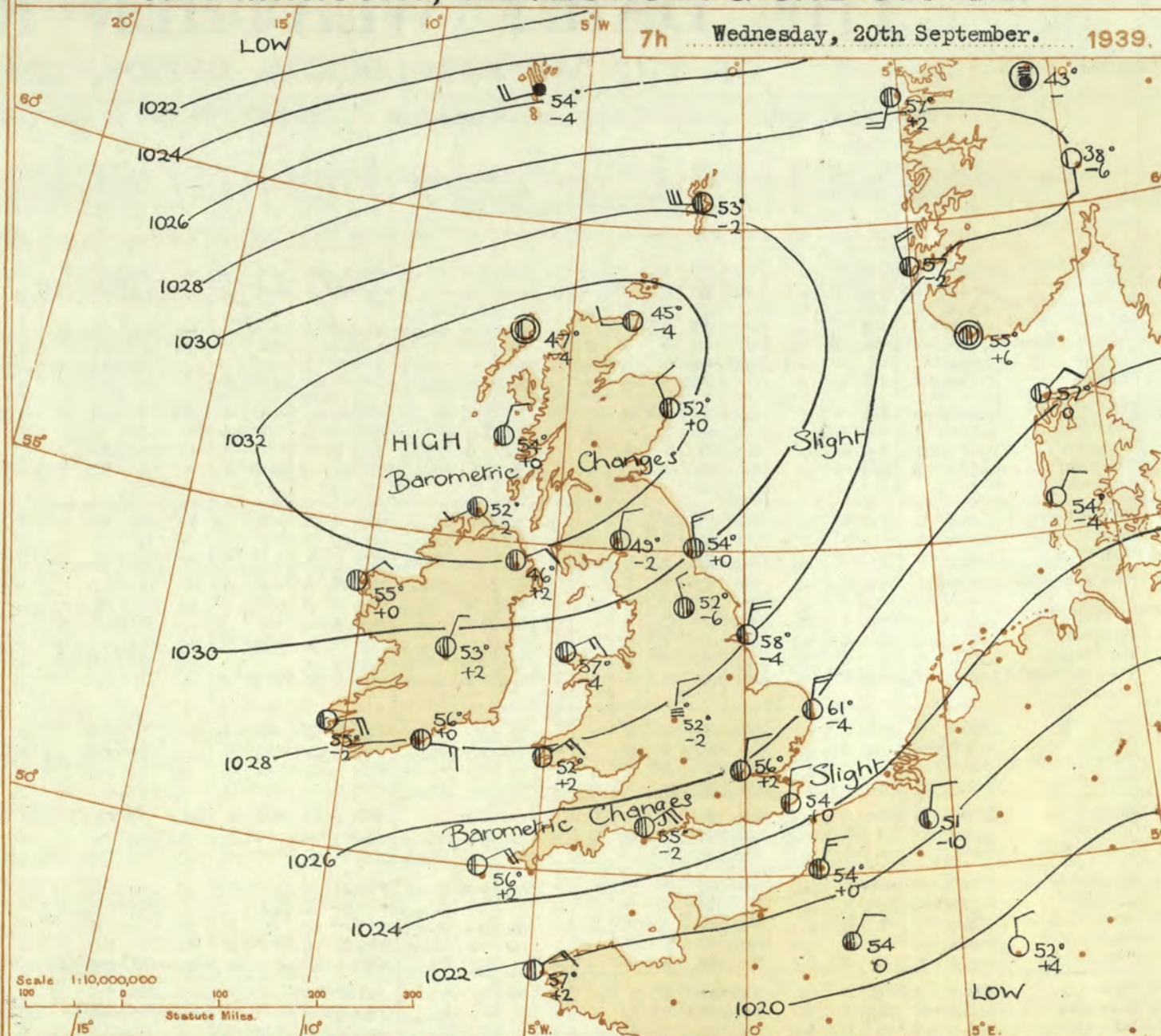
Wednesday, 20th September, 1939.  
No. 28426.

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 19th September													OBSERVATIONS at 18h. G.M.T. 19th September													PAST 24 HOURS.													
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°F.	°C.	Humid.	Visiblity	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°F.	°C.	Humid.	Visiblity	Cloud.					Sea. 0-9	WEATHER.										
				Dir.	Force						Form.	Amount.	Height of Base (feet)	Dir.	Force			Form.	Amount.						Height of Base (feet)	State of Ground.	0-9	7h.—13h. 19th	13h.—18h. 19th		18h.—19h. 19th	1h.—7h. 20th									
																																	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)	(37)	(38)	(39)	(40)								
1	London (Kew)...	1026.4	-10	Z	4	c	66	65	8	-	2	-	7-8	7-8	2500	1025.8	0	NE	4	c	64	65	8	8	7	-	4-6	7-8	1600	0	*	c	c	cbcbw	bcbcm						
	Croydon ...	1026.5	-10	Z	4	c	67	65	8	2	4	-	4-6	7-8	4000	1026.4	-4	NNE	4	c	63	75	8	8	6	-	7-8	3	2500	0	*	c	c	cbcbw	bcbcm						
	S. Farnborough	1026.5	-10	Z	4	c	67	65	8	8	6	-	4-6	7-8	4000	1025.6	-2	NE	4	c	63	75	8	8	6	-	7-8	3	2500	0	*	c	c	cbcbw	bcbcm						
	Boscombe Down	1026.5	-10	Z	4	c	67	65	8	8	6	-	4-6	7-8	4000	1025.0	-2	NE	4	c	63	75	8	8	6	-	7-8	3	2500	0	*	c	c	cbcbw	bcbcm						
	Calshot (Soton.)	1026.4	-10	Z	4	c	67	65	8	7	7	-	4-6	7-8	4000	1025.0	-2	NE	4	c	63	75	8	8	6	-	7-8	3	2500	0	*	c	c	cbcbw	bcbcm						
	Lymington	1025.6	-2	Z	4	c	62	75	6	9	6	-	7-8	9	1500	1024.7	-4	NNE	3	c	60	85	8	8	6	-	7-8	7-8	2500	0	3	c	c	cbcbw	bcbcm						
	Manston	1025.8	-2	Z	4	c	61	92	7	9	7	-	4-6	9	1500	1025.0	0	NE	5	c	62	85	8	8	6	-	9	9	2500	1	*	c	c	cbcbw	bcbcm						
2	Shoeburyness ...	1026.2	-4	Z	5	c	67	75	8	8	1	-	7-8	7-8	4000	1026.8	0	NNE	4	c	61	85	8	2	4	-	2-3	2-3	1500	0	*	c	c	cbcbw	bcbcm						
	Felixstowe ...	1026.6	-2	Z	5	c	68	65	8	8	1	-	7-8	7-8	2500	1026.2	-2	NE	4	c	62	75	8	8	6	-	2-3	2-3	1500	0	3	c	c	cbcbw	bcbcm						
	Gorleston ...	1026.6	-2	Z	4	c	68	75	7	4	1	-	4-6	7-8	2500	1026.5	0	NE	4	c	63	85	7	5	3	-	4-6	7-8	2500	0	3	c	c	cbcbw	bcbcm						
	Mildenhall ...	1027.4	-6	Z	4	c	65	65	8	8	1	-	9	9	2500	1027.2	+2	NNE	3	c	60	85	9	8	3	-	2-3	2-3	4000	*	*	c	c	cbcbw	bcbcm						
	Cranwell ...	1027.4	-6	Z	4	c	65	65	8	8	1	-	9	9	2500	1027.2	+2	NNE	3	c	60	85	9	8	3	-	2-3	2-3	4000	*	*	c	c	cbcbw	bcbcm						
3	Birmingham ...	1025.5	-2	Z	3	c	60	85	6	5	-	-	9	9	1500	1028.3	-2	NNE	3	c	60	85	6	8	3	-	7-8	7-8	1500	0	*	c	c	cbcbw	bcbcm						
	Upper Heyford	1027.3	-14	Z	4	c	63	65	8	3	6	-	7-8	7-8	2500	1027.2	-2	NE	3	c	60	75	8	4	6	-	Tr	Tr	4000	0	*	c	c	cbcbw	bcbcm						
4	Ross-on-Wye ...	1025.3	-8	Z	3	c	60	85	8	3	6	-	7-8	7-8	2500	1027.1	-8	N	3	c	60	75	6	7	-	-	-	-	-	4000	0	*	c	c	cbcbw	bcbcm					
5	Hartland Point	1027.9	-14	Z	5	c	59	85	8	5	-	-	9	9	2500	1026.5	-8	NE	4	c	60	85	7	5	-	-	7-8	7-8	2500	0	2	c	c	cbcbw	bcbcm						
	Bristol ...	1026.9	-10	Z	3	c	59	85	6	5	-	-	7-8	7-8	1500	1026.3	-8	NNE	3	c	61	75	7	4	-	-	1	1	4000	0	3	c	c	cbcbw	bcbcm						
	Portland Bill ...	1026.9	-10	Z	4	c	59	85	8	5	-	-	7-8	7-8	1500	1024.8	-10	NE	3	c	63	85	8	4	7	-	4-6	3	2500	1	3	c	c	cbcbw	bcbcm						
	Plymouth ...	1027.2	-14	Z	4	c	62	65	8	5	-	-	4-6	4-6	2500	1025.9	-4	NE	3	c	62	75	7	5	-	-	Tr	Tr	4000	0	1	c	c	cbcbw	bcbcm						
	The Lizard ...	1027.4	-10	Z	4	c	62	75	8	8	6	-	2-3	2-3	2500	1026.4	-4	-	0	c	58	85	8	8	2	-	4-6	4-6	2500	0	1	c	c	cbcbw	bcbcm						
	Scilly (St. Mary's)	1028.0	-12	Z	4	c	64	85	6	8	6	-	4-6	7-8	2500	1026.2	-8	SE	2	c	60	92	7	8	2	-	7-8	10	1500	0	2	c	c	cbcbw	bcbcm						
	Guernsey ...	1028.0	-12	Z	4	c	64	85	6	8	6	-	4-6	7-8	2500	1026.2	-8	SE	2	c	60	92	7	8	2	-	7-8	10	1500	0	2	c	c	cbcbw	bcbcm						
6	Pembroke ...	1025.8	-8	Z	3	c	60	75	8	8	-	-	9	9	2500	1028.0	-8	NE	4	c	59	85	7	8	7	-	4-6	4-6	2500	0	1	c	c	cbcbw	bcbcm						
7	Holyhead ...	1031.8	-4	Z	4	c	58	85	8	5	1	-	7-8	10	2500	1030.5	-6	NNE	4	c	58	85	8	5	-	-	7-8	7-8	2500	0	2	c	c	cbcbw	bcbcm						
	Chester (Sealand)	1031.4	-10	Z	4	c	59	85	5	3	3	-	7-8	9	2500	1030.3	-6	NNE	4	c	59	75	6	6	-	-	4-6	7-8	2500	0	*	c	c	cbcbw	bcbcm						
8	Manchester ...	1031.3	-6	Z	3	c	60	75	7	3	1	-	7-8	9	2500	1030.7	-2	NE	3	c	57	85	6	5	4	1	9	9	2500	0	*	c	c	cbcbw	bcbcm						
10	Spurn Head ...	1025.8	-2	Z	4	c	62	85	7	-	8	3	0	4-6	-	1023.6	0	NE	4	c	58	85	7	5	-	-	4-6	4-6	2500	0	3	c	c	cbcbw	bcbcm						
	Catterick ...	1025.8	-2	Z	4	c	62	85	7	-	8	3	0	4-6	-	1023.6	0	NE	4	c	58	85	7	5	-	-	4-6	4-6	2500	0	3	c	c	cbcbw	bcbcm						
	Tynemouth ...	1025.8	-2	Z	4	c	62	85	7	-	8	3	0	4-6	-	1023.6	0	NE	4	c	58	85	7	5	-	-	4-6	4-6	2500	0	3	c	c	cbcbw	bcbcm						
11	St. Abbs Head...	1034.4	-4	N	3	c	54	85	8	7	6	-	2-3	4-6	1500	1033.4	-4	NNE	2	c	54	85	9	7	4	-	4-6	7-8	2500	0	2	c	c	cbcbw	bcbcm						
	Leuchars ...	1034.0	-6	N	2	c	61	55	8	7	-	-	1	1	4000	1033.8	-4	ESE	1	c	57	65	9	6	-	-	9	9	4000	0	*	c	c	cbcbw	bcbcm						
12	Renfrew (Abbots)	1034.9	-8	N	2	c	58	65	8	5	-	-	9	9	4000	1033.5	-6	E	2	c	56	75	7	5	-	-	4	4	4000	0	*	c	c	cbcbw	bcbcm						
	Eskdalemuir ...	1033.6	-6	N	2	c	55	75	8	5	-	-	10	10	1500	1032.5	-4	NE	2	c	55	85	8	5	-	-	2-3	2-3	2500	1	*	c	c	cbcbw	bcbcm						
	Point of Ayre ...	1033.3	-2	N	3	c	58	85	8	5	7	-	1	10	2500	1032.1	-6	E	4	c	58	85	8	5	7	-	2-3	4-6	2500	0	2	c	c	cbcbw	bcbcm						
13A	Tiree ...	1034.6	-2	SE	1	c	58	65	8	5	-	-	9	9	4000	1033.8	-2	-	0	c	56	75	8	5	-	-	7-8	7-8	4000	0	1	c	c	cbcbw	bcbcm						
13B	Stornoway ...	1035.5	-4	SE	2	c	59	92	8	5	-	-	1	1	4000	1034.8	-10	-	0	c	55	75	8	5	-	-	2-3	4-6	4000	0	0	c	c	cbcbw	bcbcm						
15	Dalwhinnie ...	1034.5	-12	N	3	c	58	55	8	4	6	1	2-3	4-6	4000	1034.4	+2	NE	3	c	53	75	8	4	6	2	1	7-8	4000	0	*	c	c	cbcbw	bcbcm						
	Aberdeen ...	1034.7	-6	NNW	3	c	59	65	8	7	3	-	9	9	2500	1033.9	-2	NNW	2	c	55	85	8	7	-	-	10	10	2500	0	1	c	c	cbcbw	bcbcm						
	Wick ...	1034.8	-4	NNW	3	c	58	75	8	5	4	-	4-6	7-8	1500	1034.1	-4	NW	3	c	55	85	8	5	7	8	4-6	7-8	2500	1	1	c	c	cbcbw	bcbcm						
16	Lerwick ...	1033.6	-6	N	3	c	56	85	8	7	1	-	4-6	7-8	1500	1032.5	-4	WSW	4	c	53	92	8	5	7	-	4-6	7-8	800	0	*	c	c	cbcbw	bcbcm						
17	Blacksod Point...	1034.2	-8	E	3	c	57	65	7	-	4	-	0	9	-	1032.6	0	ENE	3	c	58	65	7	-	2	-	0	10	-	0	2	c	c	cbcbw	bcbcm						
18	Malin Head ...	1035.1	-8	E	3	c	57	75	7	5	-	-	7-8	7-8	4000	1034.1	-2																								



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 20th September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th September, 1939.
1 S.E. England	Wind northeast, moderate; fair apart from local showers on the coast; cloudy periods; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind northeast to north, light to moderate; fair; average temperature.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind northerly, light; mainly cloudy; local drizzle in the East; rather cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Wind variable to northwest, light; fair; bright periods locally; a little local morning fog; average day temperature; rather cold at night.
14 Mid Scotland	
15 N. E. Scotland	Wind west to northwest, becoming moderate or fresh; cloudy; some showers later; average temperature.
16 Orkney and Shetland	
17 N. W. Ireland	As 3 - 8.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An anticyclone remains centred over Scotland but will slowly decrease in intensity. Weather will be generally fair with the exception of a few showers near the Southeast Coast of England. Temperature will be about the seasonal average.

## FURTHER OUTLOOK.

No important change yet indicated.

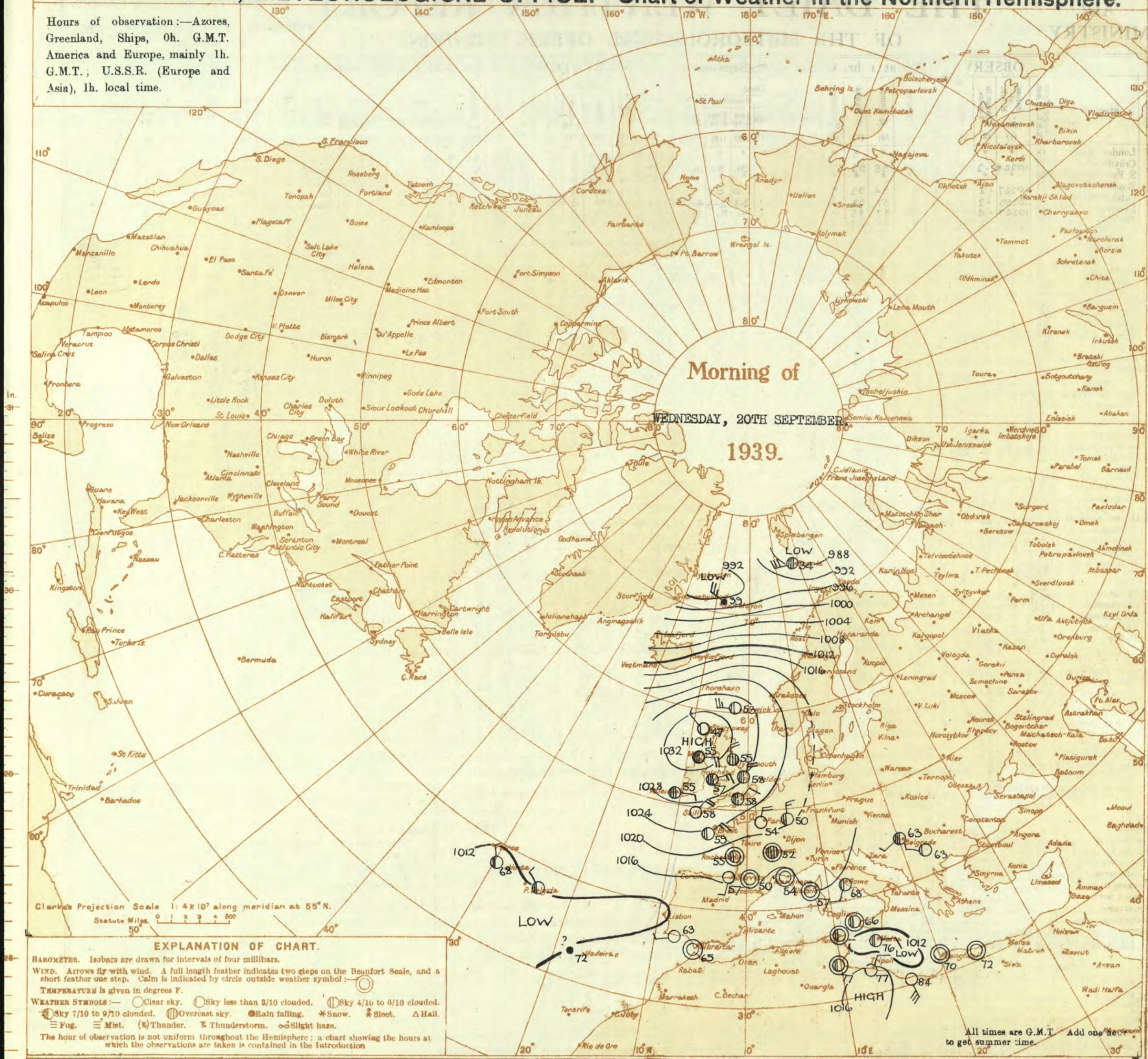
Forecasts issued at 0950 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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  
Wednesday, 20th September, 1939.  
No. 28426.

MINISTRY.

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 20th September														OBSERVATIONS at 7 hr. G.M.T. 20th September														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at 1 hr. M.S.L.	Change in 3 hours.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %.	Visibility. 0-9.	Cloud.				Barom. at 7 hr. M.S.L.	Change in 3 hours.	Wind. Direc. Force.	Weather.	Temp. °F.	Humid. %.	Visibility. 0-9.	Cloud.				State of Ground. 0-9.	Sea. 0-9.	TEMPERATURE.			RAINFALL.			SUNSHINE Hrs.				
										Form.		Amount.	Height of Base. (feet).								Form.		Amount.	Height of Base. (feet).			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
										Low.	Med.										High.	Low.										Med.		High.			
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	1025.8	-2	NNE	2	58	85	6	3	3	7-8	3	2500	0	1	67	58	52	-	-	6.0					
	Croydon ...	217	1026.2	-2	NNE	2	58	92	7	5	5	1500	1026.0	-2	NNE	2	56	97	6	5	5	7-8	3	1500	0	1	68	54	51	-	-	4.6					
	S. Farnborough ...	226	1026.7	-2	NNE	3	54	92	7	5	5	1500	1025.8	-4	NNE	3	55	92	6	5	5	3+	3+	800	0	1	66	54	49	-	-	4.7					
	Boscombe Down ...	417	1026.7	-2	NNE	3	54	92	7	5	5	1500	1026.0	-2	NNE	3	55	92	6	5	4	3	4	800	0	1	66	52	49	-	-	4.4					
	Calshot (Stmntn.) ...	8	1025.9	+2	NNE	3	57	92	6	5	5	1500	1025.1	+2	NNE	3	57	85	6	7	7	4	4	1500	0	1	71	56	53	-	-	+9					
	Lympe ...	346	1024.7	-4	NNE	3	57	85	7	5	5	1500	1024.4	0	NNE	2	54	92	8	8	6	1	4	4000	0	0	67	53	49	-	-	5.4					
	Marston ...	154	1025.1	-2	NNE	3	61	85	7	5	3	2-3	7-8	800	1024.1	-4	NNE	3	60	85	7	5	3	4	4000	0	0	67	57	50	0.6	-	5.0				
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	1025.2	-4	NNE	3	59	97	7	4	4	-	4	4	4000	0	1	71	54	47	-	-	5.8				
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	1025.1	-6	NNE	4	56	97	8	4	4	-	4	4	2500	0	2	68	54	47	0.1	0.1	9.3				
	Gorleston ...	5	1026.5	-6	NNE	4	61	75	7	5	5	1500	1025.5	-4	NNE	4	61	85	7	2	3	2	3	2500	0	3	66	60	59	-	-	*					
	Mildenhall ...	19	1027.3	-2	NNE	4	55	97	7	5	5	1500	1026.2	-2	NNE	3	57	97	7	5	3	3	3	2500	0	1	66	53	49	-	-	*					
	Cranwell ...	240	1027.3	-2	NNE	4	55	97	7	5	5	1500	1026.2	-2	NNE	3	57	97	7	5	3	3	3	2500	0	1	66	53	49	-	-	*					
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	1028.5	-2	NNE	2	52	92	4	5	5	5	5	800	0	1	63	51	47	-	-	2.2					
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	1027.1	-4	NNE	2	53	85	7	5	7	5	4	800	0	1	67	52	49	-	-	*					
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	1027.2	-4	NNE	2	53	85	6	5	5	5	5	2500	0	1	63	53	49	-	-	2.3					
5	Hartland Point ...	299	1026.4	-2	NNE	4	58	85	8	5	5	1500	1026.2	-2	NNE	3	56	92	8	7	4	4	4	2500	0	2	61	55	52	-	-	5.2					
	Bristol ...	209	1025.2	-2	NNE	3	57	85	7	5	5	1500	1027.6	-2	NNE	2	53	92	6	5	5	5	5	1500	0	1	63	51	49	-	-	4.0					
	Portland Bill ...	32	1025.2	+2	NNE	3	57	85	7	5	5	1500	1025.2	-2	NNE	4	55	85	8	2	3	3	3	4000	0	1	64	55	51	-	-	*					
	Plymouth ...	82	1025.5	-4	NNE	4	59	75	7	5	5	1500	1025.4	-2	NNE	3	56	85	8	3	3	3	3	2500	0	1	64	55	51	-	-	5.6					
	The Lizard ...	240	1025.6	-6	NNE	4	58	85	8	5	5	1500	1025.1	-6	NNE	4	56	85	8	8	4	4	4	2500	0	1	66	54	51	-	-	8.4					
	Scilly (St. Mary's) ...	163	1025.7	-8	NNE	4	58	97	6	5	5	1500	1025.3	-2	NNE	4	56	92	8	4	4	4	4	2500	0	2	64	54	51	-	-	8.5					
	Guernsey ...	175	1025.7	-8	NNE	4	58	97	6	5	5	1500	1025.3	-2	NNE	4	56	92	8	4	4	4	4	2500	0	2	64	54	51	-	-	8.5					
6	Pembroke ...	142	1025.4	+2	NNE	5	55	85	7	5	5	1500	1027.9	+2	NNE	3	52	92	8	6	6	6	6	4000	0	1	62	51	47	-	-	3.4					
7	Holyhead ...	26	1030.6	0	NNE	3	57	85	7	5	5	1500	1029.4	-4	NNE	3	57	85	8	5	5	5	5	2500	0	2	59	56	54	-	-	0.0					
	Chester (Sealand) ...	16	1030.8	0	NNE	3	55	85	7	5	5	1500	1029.6	-2	NNE	2	53	85	5	5	5	5	5	2500	0	1	61	53	49	-	-	0.0					
8	Manchester ...	70	1030.8	0	NNE	3	55	85	7	5	5	1500	1029.6	-2	NNE	2	54	85	5	5	5	5	5	1500	0	1	62	52	50	-	-	0.4					
10	Spurn Head ...	29	1029.3	-2	NNE	4	58	75	7	5	5	1500	1027.9	-4	NNE	4	58	75	7	5	4	2	2	2	2500	0	3	63	55	51	-	-	7.0				
	Catterick ...	175	1031.1	-6	NNE	4	55	85	7	5	5	1500	1029.9	-6	NNE	4	52	85	6	5	5	5	5	1500	0	1	57	51	51	-	-	0.1					
	Tynemouth ...	108	1031.1	-6	NNE	4	55	85	7	5	5	1500	1030.2	0	NNE	3	54	97	6	5	5	5	5	1500	0	2	56	53	52	-	-	*					
11	St. Abbs Head ...	280	1032.6	-6	NNE	4	54	92	8	5	5	1500	1031.3	-10	NNE	2	53	97	7	8	2	2	2	1500	0	2	55	53	51	-	-	*					
	Leuchars ...	36	1033.0	-6	NNE	4	54	75	7	5	5	1500	1032.1	-10	NNE	2	53	85	8	5	5	5	5	2500	0	2	61	52	49	-	-	8.3					
12	Renfrew (Abbots I.) ...	19	1033.4	-6	NNE	4	47	97	2	5	5	1500	1032.4	-2	NNE	1	51	85	8	5	5	5	5	2500	0	1	60	45	39	-	-	1.9					
	Eskdalemuir ...	794	1033.4	-6	NNE	4	47	97	2	5	5	1500	1031.3	-2	NNE	2	49	92	7	5	5	5	5	1500	0	1	58	45	34	-	-	0.2					
	Point of Ayre ...	30	1032.1	-2	NNE	4	56	85	8	5	5	1500	1030.9	-2	NNE	3	54	85	7	5	5	5	5	1500	0	2	58	53	51	-	-	0.0					
13A	Tiree ...	22	1033.3	-2	NNE	4	47	97	7	5	5	1500	1032.2	-10	NNE	2	54	85	8	5	5	5	5	4000	0	2	59	45	32	-	-	0.4					
13B	Stormoway ...	80	1033.3	-2	NNE	4	47	97	7	5	5	1500	1032.7	-4	NNE	0	47	92	8	5	4	5	4	4000	0	1	61	46	43	-	-	11.3					
15	Dalwhinnie ...	1176	1033.3	-2	NNE	4	47	97	7	5	5	1500	1033.0	+2	NNE	1	45	92	8	5	5	5	5	4000	0	1	60	37	28	-	-	8.3					
	Aberdeen ...	79	1033.1	-6	NNE	3	47	97	7	5	5	1500	1032.1	-10	NNE	2	52	92	7	5	5	5	5	2500	0	1	60	51	48	-	-	4.8					
	Wick ...	81	1033.1	-6	NNE	3	47	97	7	5	5	1500	1032.1	-10	NNE	2	52	92	7	5	5	5	5	2500	0	1	60	51	48	-	-	4.8					
16	Lerwick ...	156	1030.8	-6	NNE	5	53	92	8	5	3	4-6	4-6	1500	1029.5	-2	NNE	6	53	85	8	5	7	7	800	0	1	58	52	51	-	-	2.5				
17	Blacksod Point ...	18	1031.3	0	NNE	3	54	65	7	8	8	4000	1030.8	-5	NNE	1	55	75	7	5	5	5	5	450	0	3	67	46	43	-	-	*					
18	Malin Head ...	84	1033.4	-4	NNE	4	55	75																													

## LONDON OBSERVATIONS

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

9h-18h, Kensington.

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



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

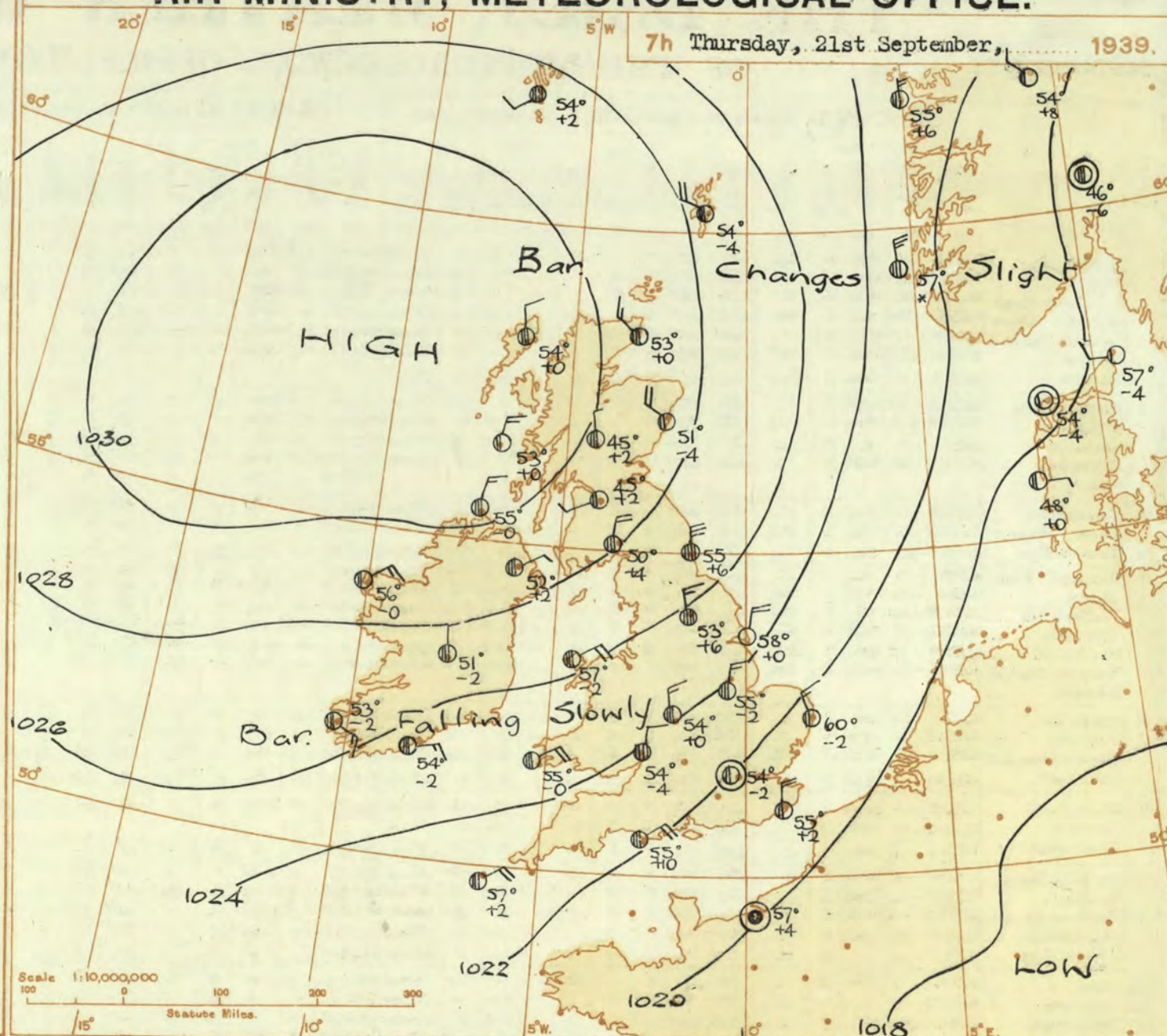
Thursday, 21st September, 1939.  
No. 28427.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 20 September														OBSERVATIONS at 18h. G.M.T. 20 September														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea. 0-9	WEATHER.					
				Dir.	Force 0-12					Form.	Amount.	Height of Base (feet)	Dir.	Force 0-12			Form.	Amount.					Height of Base (feet)	7h.—13h. 20th (37)	13h.—18h. 20th (38)	18h.—24h 21st (39)	1h.—7h. 21st (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)						
(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)					
1	London (Kew)...	1023.8	-16	NNE	4	C/p	65	65	7	2	3	-	7.8	3	2500	1023.3	-4	NNE	3	C	62	65	7	5	-	-	3	3	2500	0	*	cmwc	c	cbw	cbw
	Croydon ...	1023.7	-20	NNE	3	C	66	65	7	8	-	-	7.8	10	4000	1023.2	-2	NE	2	C	59	32	7	8	-	-	7.8	3	2500	1	*	cmoc	prcmo	cbw	cbw
	S. Farnborough	1023.8	-18	NNE	4	C	65	65	8	3	-	-	7.8	3	4000	1023.0	-4	NNE	3	C	61	75	7	5	7	-	3	3	4000	0	*	cmobc	ccir	cbw	cbw
	Boscombe Down	1023.8	-20	NE	4	bc	63	65	8	1	4	1	4.6	4.6	2500	1023.3	-2	NE	3	bc	59	75	7	5	-	-	2.3	2.3	4000	0	*	c	bc	bbcc	cm
	Calshot (Soton.)	1023.7	-12	NNE	3	C	65	65	8	7	3	3	4.6	3	1500	1022.7	-2	NE	4	C	63	75	8	5	3	-	4.6	7.8	2500	0	3	cmobcc	c	cbw	cm
	Lymington	1023.2	-26	NNE	4	pr	60	85	3	3	-	-	3	3	2500	1022.3	-6	NE	3	C	56	32	8	4	4	-	3	3	4000	0	*	cmprpr	ccir	cbw	cm
	Manston	1023.3	-6	NNE	5	C/pr	62	32	7	3	-	-	3	3	1500	1022.3	-6	NE	3	C	56	32	8	4	4	-	3	3	4000	0	*	cmpr	ccir	cbw	cm
2	Shoeburyness ...	1023.3	-10	NNE	5	bc	63	85	7	3	7	-	3	10	1500	1023.0	-6	NE	2	C	58	37	7	3	-	-	3	3	2500	1	*	bcir	cm	cbw	cbw
	Felixstowe ...	1024.4	-8	NNE	4	bc	62	75	8	-	2	-	7.8	10	1500	1022.3	-12	NE	4	bc	61	85	8	3	6	1	2.3	4.6	1500	0	2	b, cld	cmpr	cbw	cbw
	Gorleston	1024.4	-8	N	5	C	63	75	7	5	-	-	3	3	2500	1023.0	-6	NE	4	C	61	85	7	8	3	-	4.6	7.8	2500	0	3	bc	cbw	cbw	cbw
	Mildenhall	1024.4	-14	NNE	3	C	65	65	7	7	-	-	3	3	4000	1024.0	-2	NNE	3	C	59	85	8	5	-	-	3	3	2500	0	*	bcir	cm	cbw	cbw
	Cranwell	1024.4	-14	NNE	3	C	65	65	7	7	-	-	3	3	4000	1023.8	-4	NE	2	C	57	75	8	4	-	-	3	3	4000	0	*	cmir	cm	cbw	cbw
3	Birmingham ...	1026.5	-10	NE	3	C	55	65	6	5	-	-	10	10	1500	1025.5	-4	NE	3	C	58	75	6	5	-	-	3	3	1500	0	*	cm	c	c	c
	Upper Heyford	1025.5	-12	NNE	3	bc	62	65	8	8	-	-	4.6	4.6	2500	1024.7	-4	NNE	3	C	58	75	8	5	7	-	3	3	4000	0	*	cm	c	c	c
4	Ross-on-Wye ...	1025.7	-12	NE	3	C	61	65	7	5	-	-	3	3	4000	1024.6	-6	NE	2	C	59	75	6	5	-	-	10	10	2500	0	*	cm	c	c	c
5	Hartland Point	1025.1	-10	NE	4	C	60	85	8	8	-	-	4.6	7.8	2500	1023.6	-4	NE	3	C	60	85	7	1	4	1	4.6	4.6	4000	0	2	bc	cbw	cbw	cbw
	Bristol ...	1025.1	-20	NE	3	bc	63	65	8	8	-	-	4.6	4.6	2500	1024.4	-2	NE	3	C	59	75	7	4	4	1	4.6	4.6	2500	0	*	cmobc	cbw	cbw	cbw
	Portland Bill ...	1023.3	-10	NE	4	bc	60	85	8	5	-	-	4.6	4.6	4000	1023.4	-12	NE	4	C	63	85	8	3	-	-	7.8	7.8	4000	1	3	bc	cbw	cbw	cbw
	Plymouth	1023.8	-18	NNE	4	C	65	65	8	8	-	-	7.8	3	4000	1023.1	-2	NE	3	bc	63	65	8	1	-	2	2.3	2.3	2500	0	1	cmobc	cbw	cbw	cbw
	The Lizard	1023.8	-6	ENE	3	bc	63	75	8	2	4	-	2.3	4.6	2500	1023.1	0	ENE	2	bc	59	85	8	8	3	-	4.6	4.6	2500	0	1	bc	cbw	cbw	cbw
	Scilly (St. Mary's)	1024.6	-10	NE	2	bc	62	55	3	3	-	-	2.3	2.3	2500	1023.4	-10	NE	4	C	59	32	7	8	4	3	2.3	4.6	2500	0	2	bc	cbw	cbw	cbw
	Guernsey	1024.6	-10	NE	2	bc	62	55	3	3	-	-	2.3	2.3	2500	1023.4	-10	NE	4	C	59	32	7	8	4	3	2.3	4.6	2500	0	2	bc	cbw	cbw	cbw
6	Pembroke ...	1023.1	-14	ENE	2	C	63	65	8	2	7	-	4.6	7.8	2500	1025.7	-6	NE	4	C	58	75	8	8	6	-	4.6	7.8	2500	0	1	bc	c	c	c
7	Holyhead ...	1023.2	-14	NNE	4	C	58	75	8	8	2	-	3	10	1500	1027.1	0	NNE	4	C	58	75	8	6	-	-	3	3	1500	0	2	cm	cbw	cm	cm
	Chester (Sealand)	1023.1	-6	NE	3	C	60	75	8	8	-	-	3	3	4000	1027.0	-4	NE	4	C	55	85	4	5	-	-	3	3	2500	0	*	cm	cbw	cm	cm
8	Manchester ...	1023.4	-12	NNE	2	bc	59	75	6	5	-	-	10	10	2500	1027.0	-2	NE	2	C	56	85	4	5	-	-	3	3	2500	1	*	cm	cbw	cm	cm
10	Spurn Head ...	1026.3	-4	NNE	4	C	61	65	7	5	-	-	3	3	4000	1025.7	-4	NNE	4	C	58	85	7	3	-	-	10	10	2500	0	3	c	c	c	c
	Catterick	1023.0	-10	NNE	3	bc	56	32	6	5	-	-	10	10	1500	1027.3	-8	N	4	C	56	32	7	5	-	-	3	3	2500	1	2	c	c	c	c
	Tynemouth	1023.0	-6	NNE	3	C	57	85	8	8	-	-	3	3	1500	1027.3	-8	N	4	C	56	32	7	5	-	-	3	3	2500	1	2	c	c	c	c
11	St. Abbs Head...	1030.8	-6	NNE	3	C	55	85	8	8	-	-	7.8	3	1500	1023.6	-4	NNE	1	C	54	85	8	5	6	-	7.8	3	2500	0	2	c	c	c	c
	Leuchars	1031.3	-10	ENE	2	C	60	55	8	8	-	-	3	3	5700	1023.8	-8	N	0	bc	57	75	8	5	3	-	4.6	4.6	4000	0	*	cm	cbw	cm	cm
12	Renfrew (Abbots)	1031.0	-12	NE	2	C	60	55	8	7	7	-	3	3	4000	1023.8	-6	NE	2	C	57	65	7	5	-	-	3	3	4000	0	*	cm	cbw	cm	cm
	Eskdalemuir	1023.7	-5	ENE	3	C	56	75	7	5	-	-	10	10	2500	1023.8	-2	NE	2	C	53	85	8	5	-	-	3	3	2500	0	*	cm	cbw	cm	cm
	Point of Ayre	1023.7	-10	E	3	C	58	75	8	5	3	-	4.6	3	4000	1023.5	-6	E	1	C	53	75	8	5	-	-	3	3	2500	0	3	c	c	c	c
13A	Tiree ...	1031.8	-6	NNE	2	C	58	55	8	1	3	-	1	7.8	4000	1030.8	-2	N	2	bc	55	75	8	7	3	-	1	4.6	4000	0	2	c	cbw	c	c
13B	Stornoway	1032.2	-4	N	1	C	57	75	8	5	7	-	4.6	3	2500	1031.8	0	N	0	C	54	75	8	5	7	-	7.8	3	2500	0	0	c	c	c	c
15	Dalwhinnie	1032.0	-12	NE	2	C	58	65	8	4	5	-	2.3	3	4000	1030.7	-10	N	0	C	53	75	8	4	3	-	4.6	7.8	4000	0	*	c	c	c	c
	Aberdeen	1030.3	-12	NE	1	C	53	65	8	8	3	-	7.8	7.8	2500	1030.0	-2	NE	1	C	55	75	8	1	3	-	7.8	7.8	2500	0	2	c	cbw	cbw	cbw
	Wick ...	1031.2	-10	NNE	4	bc	58	75	8	8	7	1	4.6	4.6	1500	1030.7	-4	NNE	3	C	54	85	8	5	7	-	4.6	7.8	1500	0	1	bc	cbw	cbw	cbw
16	Lerwick...	1023.3	-4	N	4	bc	57	75	8	3	3	-	2.3	4.6	2500	1027.0	-16	N	5	C	55	85	8	5	7	-	7.8	3	1500	0	*	bc	cbw	cbw	cbw
17	Blacksod Point...	1030.5	-6	E	2	C	58	75	7	-	2	-	0	10	-	1023.6	-2	E	3	C	57	75	8	-	2	-	0	10	-	0	2	c	c	c	c
18	Malin Head	1032.0	-4	E	2	C	57	75	8	8	-	-	3	3	5700	1030.3	-6	NE	4	C	56	85	8	6	8	-	4.6	7.8	5700	0	2	c</			



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 21st September, 1939.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st September, 1939.

1 S.E. England	
2 E. England ...	Wind north to northeast, moderate or fresh; mainly cloudy; showers or occasional rain, especially near the coast; becoming colder.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind northeast, moderate, fresh locally on coast; fair but considerable cloud at times; temperature rather below average.
7 North Wales ...	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Wind north to northeast, moderate, fresh locally on coast; cloudy or dull; occasional drizzle; rather cold.
12 S.W. Scotland & Isle of Man.	As 4 - 8.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Wind northerly, becoming fresh at times on coast; cloudy; some local showers; rather cold.
16 Orkney and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	Wind northeast, moderate; cloudy and brighter periods; average temperature
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

The centre of high pressure is becoming displaced to the Northwest of the British Isles and an area of low pressure is expected to develop over the Baltic. Weather will continue fair over the western and northwestern districts of the British Isles. Less settled conditions with showers and local rain will spread to eastern and southeastern districts with a fall in temperature.

### FURTHER OUTLOOK.

Fair in the Northwest; unsettled in the East and South especially in the extreme Southeast.

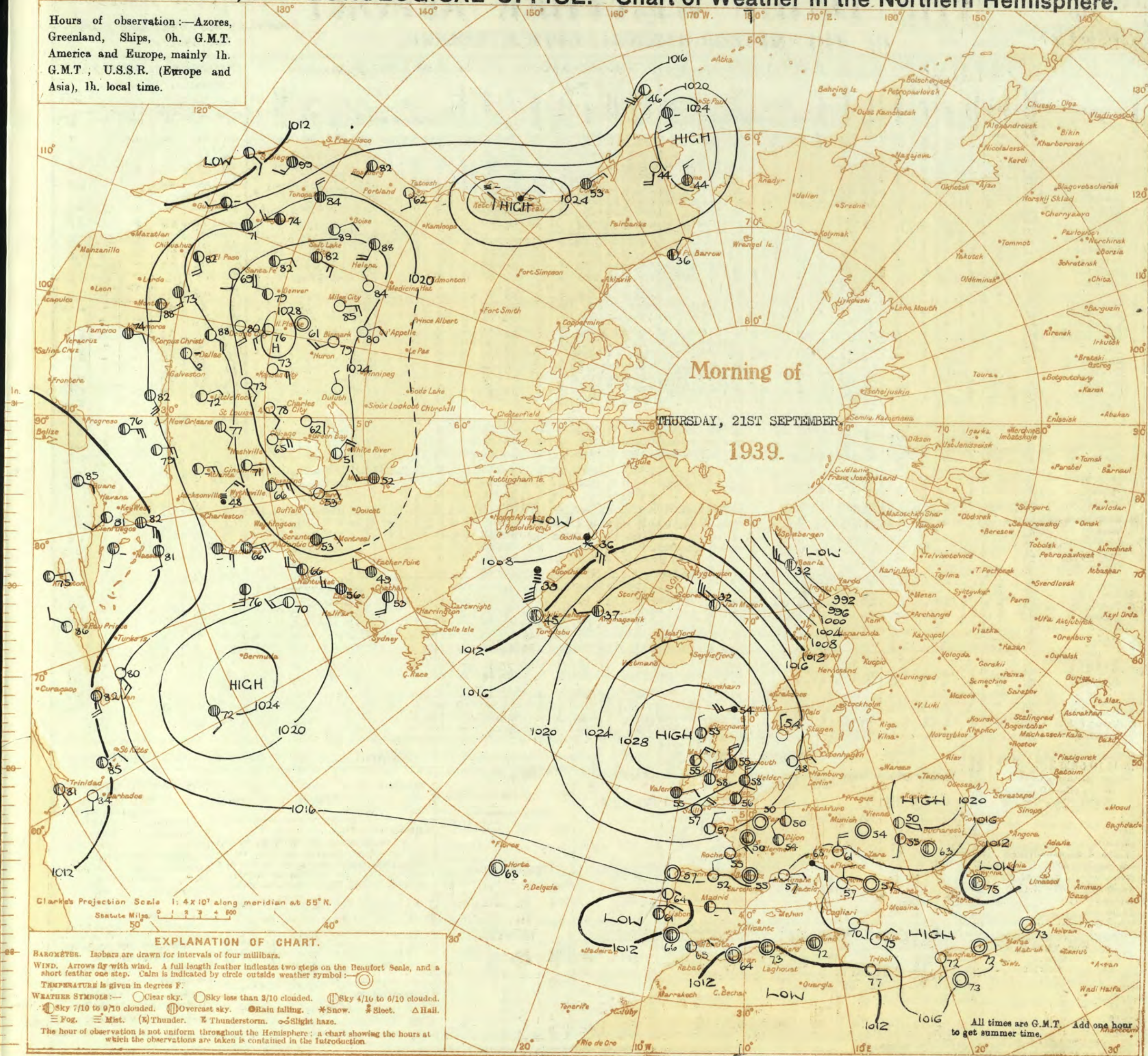
Forecasts issued at 0950 G.M.T.

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



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

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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 21st September, 1939.  
No. 28427.

OBSERVATIONS at 1 hr. G.M.T. 21st September.														OBSERVATIONS at 7 hr. G.M.T. 21st 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 24 Hrs. (36)	
					Dir.	Force.					Low.	Med.	High.	Low.	Med.			High.	Low.					Med.	High.	Low.	Med.	High.			Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)		
																																					Form.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1022.3	+4	NW	2	55	85	6	5	3	4	2.5	4.6	4000	0	*	65	53	45	0.5	Tr	2.7			
	Croydon	217	1023.2	-2	NW	5	56	92	7	5	-	-	7.8	7.8	1022.5	-2	NW	2	54	97	6	5	3	4	2.5	4.6	1500	0	*	66	53	50	0.5	Tr	2.2		
	S. Farnborough	226	*	*	*	*	*	*	*	*	*	*	*	1022.4	-2	NW	2	51	97	6	5	3	4	2.5	4.6	1500	0	*	65	53	50	0.5	Tr	2.2			
	Boscombe Down	417	1023.5	-2	NW	3	58	92	7	5	-	-	7.8	7.8	1023.0	+2	NW	3	53	92	6	5	3	4	2.5	4.6	1500	0	*	64	49	45	-	-	6.9		
	Calshot (Stmntn.)	8	1022.8	-2	NW	2	56	85	6	5	-	-	1	1	1022.2	+4	NW	3	54	92	7	5	3	4	2.5	4.6	1500	0	*	65	54	53	1	13	4.1		
	Lymington	346	*	*	*	*	*	*	*	*	*	*	*	1020.6	+2	NW	4	55	92	7	5	3	4	2.5	4.6	1500	0	*	65	54	53	1	13	4.1			
	Manston	154	1021.3	-6	NW	5	56	97	5	5	-	-	10	10	1020.6	+2	NW	4	58	92	6	5	3	4	2.5	4.6	1500	0	*	65	54	53	1	13	4.1		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1021.4	0	NW	3	54	97	6	5	3	4	2.5	4.6	1500	0	*	65	51	47	3	0.3	1.9			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1020.3	-4	NW	3	54	97	6	5	3	4	2.5	4.6	1500	0	*	64	53	51	3	0.3	1.9			
	Gorleston	5	1021.0	-3	NW	5	60	85	7	5	-	-	9	9	1020.6	-2	NW	3	56	85	7	5	3	4	2.5	4.6	1500	0	*	64	53	57	1	0.1	3.4		
	Mildenhall	19	1023.0	-8	NW	3	56	85	7	5	-	-	9	9	1022.2	-2	NW	2	51	97	6	5	3	4	2.5	4.6	1500	0	*	65	49	42	-	-	3.9		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1023.8	-2	NW	3	55	97	6	5	3	4	2.5	4.6	1500	0	*	62	53	51	Tr	Tr	0.3			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1024.5	0	NW	3	54	85	5	5	3	-	9	9	800	0	*	61	52	49	-	-	0.0			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1023.6	+2	NW	3	55	92	6	5	3	-	4.6	7.8	1500	0	*	63	53	52	-	-	0.0			
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1024.0	-4	NW	2	54	85	6	5	3	-	10	10	1500	0	*	63	53	52	-	-	2.8			
4	Hartland Point	299	1023.8	0	NW	3	56	92	8	5	-	-	2.3	2.3	1023.5	+6	NW	3	56	85	8	5	3	-	9	9	2500	0	*	63	56	53	-	-	7.1		
	Bristol	209	1024.5	-2	NW	2	51	92	6	5	-	-	3	3	1024.0	+2	NW	2	54	92	6	5	3	-	4.6	7.8	1500	0	*	63	56	53	-	-	2.3		
	Portland Bill	32	1024.5	-2	NW	2	51	92	6	5	-	-	3	3	1022.0	+10	NW	4	55	85	8	5	3	-	7.8	7.8	4000	0	*	63	54	49	-	-	7.0		
	Plymouth	82	1023.1	+2	NW	3	56	85	7	5	-	-	2.3	2.3	1022.9	+6	NW	3	57	75	8	5	3	-	9	9	5700	0	*	65	53	49	-	-	8.3		
	The Lizard	240	1022.9	-8	NW	1	56	85	8	5	-	-	2.3	2.3	1023.0	-6	NW	3	54	92	7	5	3	-	7.8	7.8	2500	0	*	65	52	49	-	-	8.4		
	Scilly (St. Mary's)	163	1023.2	-2	NW	4	57	92	7	-	-	-	0	0	1022.3	+2	NW	4	57	92	7	5	3	-	9	9	2500	0	*	64	57	*	-	-	8.4		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	1022.3	+2	NW	4	57	92	7	5	3	-	9	9	2500	0	*	64	57	*	-	-	8.4			
5	Pembroke	142	1024.5	0	NW	4	56	85	7	5	-	-	9	9	1024.8	0	NW	4	55	85	7	5	3	-	9	9	2500	0	*	63	54	*	-	-	3.2		
	Holyhead	26	1026.3	-2	NW	3	58	85	6	5	2	-	10	10	1026.3	-2	NW	4	57	75	7	5	3	-	9	9	5700	0	*	59	56	54	Tr	Tr	0.8		
	Chester (Sealand)	16	1026.7	-4	NW	1	54	85	6	5	*	*	10	10	1026.1	-10	NW	2	53	85	6	5	3	-	7.8	9	5700	0	*	60	52	51	Tr	Tr	0.2		
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1025.4	-2	NW	3	56	85	6	5	3	-	9	9	2500	0	*	60	51	46	0.2	Tr	0.0			
6	Spurn Head	29	1024.2	-8	NW	3	58	92	7	5	-	-	10	10	1023.8	0	NW	4	58	85	6	5	3	-	9	9	2500	0	*	61	55	*	-	-	1.0		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1026.8	+6	NW	3	58	92	6	5	3	-	10	10	800	0	*	61	52	*	-	-	1.0			
	Tynemouth	108	1027.2	-4	NW	4	55	92	7	5	-	-	10	10	1026.5	+6	NW	6	55	92	7	5	3	-	10	10	1500	0	*	58	54	52	Tr	Tr	*		
7	St. Abbs Head	280	1023.1	-8	NW	3	55	92	8	5	2	-	4.6	10	1028.0	-4	NW	4	52	85	8	5	3	-	4.6	10	2500	0	*	55	52	*	-	-	*		
	Leuchars	36	1023.1	-2	NW	3	57	97	5	5	-	-	4.6	4.6	1029.1	-2	NW	2	44	97	7	5	3	-	7.8	10	4000	0	*	61	42	30	-	-	1.2		
8	Bentley (Abbots L.)	19	1023.1	-2	NW	3	57	97	5	5	-	-	4.6	4.6	1028.5	+2	NW	1	45	97	6	5	3	-	7.8	10	4000	0	*	61	44	41	-	-	0.0		
	Eskdalemuir	794	1028.3	0	NW	4	57	85	8	5	-	-	9	9	1028.5	+4	NW	4	56	85	7	5	3	-	10	10	2500	0	*	57	46	42	Tr	Tr	0.0		
	Point of Ayre	30	1028.3	0	NW	4	57	85	8	5	-	-	9	9	1027.7	0	NW	4	56	85	8	5	3	-	9	9	2500	0	*	60	55	*	-	-	3.8		
9	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1029.3	0	NW	3	58	85	8	5	3	-	1	4	2	4000	0	*	57	51	*	-	-	2.1		
10	Stormway	80	1031.8	-2	NW	1	58	85	6	5	7	-	7.8	8	1031.5	0	NW	2	54	97	7	5	3	-	7.8	10	2500	0	*	61	41	32	-	-	3.8		
11	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1031.3	+2	NW	1	45	97	7	5	3	-	7.8	10	2500	0	*	61	41	32	-	-	3.8			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1028.7	-4	NW	4	51	92	7	5	3	-	7.8	10	1500	0	*	61	47	41	-	-	5.0			
	Wick	81	1020.1	-4	NW	3	45	92	7	5	1	-	4.6	4.6	1029.3	0	NW	3	53	97	6	5	3	-	7.8	10	1500	0	*	60	45	*	-	-	*		
12	Lerwick	156	1028.3	-2	NW	5	54	97	6	5	-	-	10																								

## LONDON OBSERVATIONS



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 22nd September, 1939.  
No. 28428.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 21st September.														OBSERVATIONS at 18h. G.M.T. 21st September.														PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. °F.	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. °F.	Visibility 0-9	Cloud.					Sea.	WEATHER.							
				Dirce.	Force					Form	Amount.	Total	Height of Base (feet)	Dirce.			Force	Form					Amount.	Total	Height of Base (feet)	Dirce.	Force		Form	Amount.	Total	Height of Base (feet)	7h.—13h. 21st...	13h.—18h. 21st...	18h. 21st to 12h. 22nd	1h.—7h. 22nd
(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)...	1021.8	-6	NNE	3	c	65	65	7	3	5	4	4-6	7-8	4000	1022.1	+8	NNE	4	c	62	75	7	3	-	-	-	7-8	1500	0	*	bcm, bcc	cpr, bc	bcc, id	cpr, cm	
	Croydon ...	1021.9	-10	NE	3	c	65	65	8	3	4	4-6	9	4000	1022.1	+6	NE	4	c	58	97	7	3	-	-	-	9	2500	0	*	bcm, c	cpr, bc	bcc, id	cpr, cm		
	S. Farnborough	1021.7	+6	NNE	3	c	64	65	8	3	-	7-8	3+	4000	1021.8	+2	NNE	3	bc/pr	61	75	7	3	-	-	-	2-3	4-6	4000	0	*	cm, bcc	cpr, bc	bcc, id	cpr, cm	
	Boscombe Down	1022.2	-6	NNE	3	c	62	65	7	5	3	-	3+	2500	1022.0	+6	NNE	3	bc	60	85	7	5	-	-	-	4-6	4-6	4000	0	*	cm, c	bc	bcm, id	cpr, cm	
	Calshot (Soton.)	1021.5	-10	N	3	c	66	66	8	2	4	-	4-6	7-8	2500	1021.5	+4	N	2	c	63	75	8	3	-	-	-	4-6	4-6	2500	0	2	cm, c	bcc, pr	cpr, b	bcm, c
	Lympe ...	1020.6	-4	NE	3	c	61	65	7	3	6	3	7-8	3	1500	1020.8	+4	NE	3	bc	58	85	8	2	6	-	2-3	4-6	4000	1	5	cpr, pr	bcc, pr	bcc, pr	bcc, pr	
	Manston ...	1020.9	+2	NE	4	PR	60	65	8	8	7	1	7-8	3	1500	1021.0	+2	NE	3	bc	60	85	7	3	-	-	4-6	4-6	1500	1	*	cPR	cpr, bc	pr, PR	ir, ir	
2	Shoeburyness ...	1021.3	-2	NNE	4	c/pr	62	67	8	3	7	-	4-6	7-8	2500	1022.1	+4	NNE	2	bc	60	97	8	3	-	1	4-6	4-6	1500	1	*	bcc, pr	cPR, bc	cpr, bcc	bcc, pr	
	Felixstowe ...	1021.4	+2	NE	4	c/pr	64	75	8	3	7	-	7-8	9	2500	1021.7	+6	NE	3	c	61	85	8	6	3	4-6	7-8	1500	0	2	pr	bcc, pr	bcc, pr	cc, id		
	Gorleston ...	1021.2	+2	N	4	c	64	85	7	8	-	-	9+	9+	2500	1021.7	0	NNW	3	c	62	85	7	5	3	4-6	7-8	2500	0	2	bcc, pr	bcc	cc, id	cc, id		
	Mildenhall ...	1022.1	-2	NE	4	c	65	75	8	3	-	-	7-8	3	2500	1022.6	+6	NNE	4	c	59	92	7	5	-	-	9+	9+	1500	0	*	bm, c	cc, pr	cc, id	cc, id	
	Cranwell ...	1022.1	-2	NE	4	c	65	75	8	3	-	-	7-8	3	2500	1022.2	0	N	5	c	55	97	5	6	-	-	10	10	1500	1	*					
3	Birmingham ...	1024.7	0	N	3	c	59	75	6	5	7	-	7-8	9+	1500	1024.8	+2	N	4	c	58	75	6	5	-	-	9+	9+	1500	0	*	c	c	co, id	co, id	
	Upper Heyford	1023.1	-6	NNE	3	c	62	75	8	2	3	1	1	9	2500	1023.4	+6	NNE	3	c	58	85	7	5	4	-	7-8	7-8	2500	0	*	cm, c	cpr, c			
4	Ross-on-Wye ...	1023.6	-6	NE	3	z	62	65	6	5	-	-	9+	9+	2500	1023.8	0	NNE	3	z	59	85	6	5	-	-	7-8	7-8	4000	0	*	cm	c	bcc, cm	om, id	
5	Hartland Point	1023.3	-4	NE	3	c	59	85	7	8	1	-	7-8	9	2500	1022.6	-2	NE	3	bc	60	85	8	7	-	-	4-6	4-6	4000	0	2	c	bc	bc	bcc	
	Bristol ...	1023.9	-2	NEN	3	c/pr	59	75	7	5	7	-	7-8	10	2500	1023.4	0	NEN	3	z	59	85	6	5	4	-	2-3	4-6	2500	0	2	cm, pr	bcc, pr			
	Portland Bill ...	1021.8	-4	NE	3	c	60	85	8	2	-	-	9	9	4000	1021.2	-4	NE	3	z	60	85	8	5	-	-	9	9	4000	1	3	c	c	bc	cid, m	
	Plymouth ...	1022.6	-6	E	3	c	61	55	8	8	-	-	9+	9+	2500	1022.0	0	NNE	3	z	61	75	8	7	-	-	7	7	-	0	1	c	cb	bcc, b	bcm, c	
	The Lizard	1023.0	+4	E	1	bc	64	75	8	6	-	-	4-6	4-6	2500	1022.2	-4	NNE	3	c	59	75	7	8	6	-	7-8	7-8	2500	0	1	cbc	bcc	c	cbc	
	Scilly (St. Mary's)	1023.1	-2	NE	3	bc	65	85	8	8	6	-	4-6	4-6	2500	1022.8	-18	NE	4	c	58	92	7	5	-	-	10	10	2500	0	2	cbc	bcc	cbc, bcc	bc, bcc	
	Guernsey ...	1023.1	-2	NE	3	bc	65	85	8	8	6	-	4-6	4-6	2500	1022.8	-18	NE	4	c	58	92	7	5	-	-	10	10	2500	0	2	cbc	bcc	cbc, bcc	bc, bcc	
6	Pembroke ...	1024.6	-6	NE	4	c	61	75	7	8	-	-	7-8	7-8	2500	1023.9	-4	NE	4	c	59	85	6	5	6	-	4-6	9	2500	0	1	c	cz	bcm	cm	
7	Holyhead ...	1026.7	0	NEN	4	c	59	75	8	5	-	-	10	10	7200	1026.3	0	NNE	4	c	59	85	8	8	4	-	7-8	7-8	4000	0	2	c	cbc	bcc	cpr, c	
	Chester (Sealand)	1026.3	*	NEN	1	z	65	*	6	5	-	-	10	10	1500	1025.9	-2	N	1	z	59	85	5	5	3	-	Tr	4-6	2500	0	*	bc	cbc	cm, id	cm, id	
8	Manchester ...	1026.2	0	NEN	4	z	60	75	6	7	-	-	9+	9+	2500	1026.4	+2	NE	3	z	60	75	6	5	4	-	7-8	9+	4000	1	*	c	cz	cz, m	rr, rr	
10	Spurn Head ...	1024.2	0	NE	5	c	60	85	6	5	-	-	9+	9+	1500	1024.0	-4	NW	5	id	57	97	4	5	-	-	10	10	800	1	3	pr, c	idorm	idorm	pr, c	
	Catterick	1027.2	+2	N	6	o	55	92	7	6	-	-	10	10	1500	1026.5	-4	N'E	3	o/r	56	85	6	5	-	-	10	10	1500	1	*		ccm, id	id, id	id, id	
	Tynemouth ...	1027.2	+2	N	6	o	55	92	7	6	-	-	10	10	1500	1026.1	-2	N	6	o	56	92	7	6	-	-	10	10	1500	1	3	oco	o	o	o	
11	St. Abbs Head...	1028.4	-4	NW	3	c	55	85	7	5	2	-	7-8	10	1500	1027.9	0	NNW	2	c	55	85	8	5	6	-	7-8	9+	2500	0	2	c	r, c	o	o	
	Leuchars	1028.4	-8	W	1	c	64	55	8	5	-	-	7-8	7-3	5700	1027.9	-2	F	1	c/r	58	85	8	5	7	-	7-8	9+	2500	0	*	bwb, c	cyc, c	o	o	
12	Renfrew (Abbots)	1028.0	-2	NNE	3	c	58	75	7	5	-	-	9+	9+	2500	1027.9	-10	NNW	1	c	61	75	9	5	4	-	9+	9+	5700	0	*	c	cyc	o	o	
	Eskdalemuir ...	1028.0	-2	NNE	3	c	58	75	7	5	-	-	9+	9+	2500	1027.9	-4	N	2	c	56	75	7	5	7	-	4-6	9+	2500	0	*	cwc	c	crc	cm, id	
	Point of Ayre ...	1028.0	+2	ENE	4	c	59	75	8	5	-	-	9	9	2500	1027.6	-4	N'E	2	bc	59	85	8	-	3	-	0	4-6	-	0	2	c	cbc	crc	oc	
13A	Three ...	1029.8	0	N'E	2	bc	59	75	8	1	4	5	1	2-3	4000	1029.2	-2	N'E	3	bc	57	92	8	1	4	5	Tr	2-3	4000	0	2	bc	c	bcb	bcc	
13B	Stornoway ...	1031.7	-2	N	3	cl	56	85	7	5	7	-	7-8	10	2500	1031.5	0	N	2	c	56	85	7	8	7	-	4-6	10	2500	1	1	cid	c	c	cid	
15	Dalwhinnie ...	1031.0	-6	N	2	c	55	75	8	4	4	-	4-6	9+	2500	1029.7	-2	-	0	c	56	85	8	5	7	-	7-8	10	4000	0	*	c	c	*	c	
	Aberdeen ...	1028.4	-8	NNW	4	c	57	85	8	5	-	-	9+	9+	2500	1028.9	-2	NNW	4	ir	55	92	6	6	-	-	10	10	450	1	2	bcc	cc, id	om, id	om, c	
	Wick ...	1029.1	-2	NW	4	c	56	92	7	5	2	-	9	10	800	1028.4	-1	NW	5	c	55	85	7	5	2	-	9	10	1500	1	2	ed, c	cm, c	cid, c	c	
16	Lerwick ...	1027.8	0	NE	3	bc	55	85	8	5	3	-	4-6	4-6	1500	1026.6	0	NW	2	bc	54	85	8	5	7	-	4-6	4-6	1500	0	*	cpr, bc	bcc, bc	bcc	cpr	
17	Blacksod Point...	1029.0	-6	NE	3	c	62	45	8	6	-	-	4	7-8	7-8	4000	1028.6	+4	NE	3	c	58	75	8	-	7	-	0	7-8	-	0	3	cbc	c	b	bc
18	Malin Head ...	1030.0	-2	N	2	bc	57	85	8	-	-	-	4	0	4-6	-	1029.7	-4	N	2	bc	55	85	8	4	-	1	2-3	2-3	4000	0	1	c	bc	bcc, bc	c
	Aldergrove ...	1029.1	-2	NE	3	c	60	65	7	7	3	-	2	4-6	9+	4000	1028.5	-2	NNE	1	bc	57	75	8	5	-	2	Tr	4-6	4000	1	*	cm, c	cybc	bcb, c	cm, c
19	Birr Castle ...	1027.6	-2	NNE	2	c	60	75	8	5	1	-	9	10	2500	1027.1	-6	NE	1	c	58	75	8	5	-	-	9+	9+	1500	0	*	c	c	c	c	
20	Valentia Obsy.†	1026.6	-2	ENE	4	c	58	75	7	5	-	-	9+	9+	5700	1025.9	-2	F	4	c	58	75	8	5	-	-	9	9	5700	0	2	c	cc	co	c	
	Roches Point ...	1025.8	-6	E	3	c	60	75	8	8	-	-	9	9	1500	1025.5	-4	EN	3	c	59	75	8	5	-	-	9	9	2500	0	2	c	cpr, c	cbc	bcc	

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
 bc, sky partly cloudy (one half covered). c, generally cloudy.  
 d, drizzle. e, wet air. g, gloom.  
 f, fog, visibility 200–1100 yds.  
 F, thick fog, „ less than 220 yds.  
 fs, low fog over sea (coast station).  
 fg, low fog over land (inland station).  
 m, mist, visibility 1100–2200 yds.  
 h, hail. i, intermittent.  
 jf, fog at a distance, but not at station.  
 jp, precipitation within sight of station.  
 ks, storm of drifting snow.  
 k/s<sub>o</sub>, slight storm of drifting snow (generally low).  
 k/S, heavy storm of drifting snow (generally low).  
 s<sub>o</sub>/k, slight storm of drifting snow (generally high).  
 S/k, heavy storm of drifting snow (generally high).  
 KQ, line squall. l, lightning.  
 o, overcast sky. p, passing showers.

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

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

rr, continuous rain.

<, less than (for cloud height). ☾gale.

⊕ Solar halo. ☾lunar halo. ☼Aurora.

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

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

COLUMNS 9, 23.--FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 18, 27. The figures in these columns indicate the total amount of all forms of cloud.

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

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

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

Cirrus, -Ci:      Cirrocumulus, -Cc:      Cirrostratus, -Cs:  
Stratocumulus, -Sc:      Stratus, -St:      Nimbostratus, -Ns:

COLUMN 29 — STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

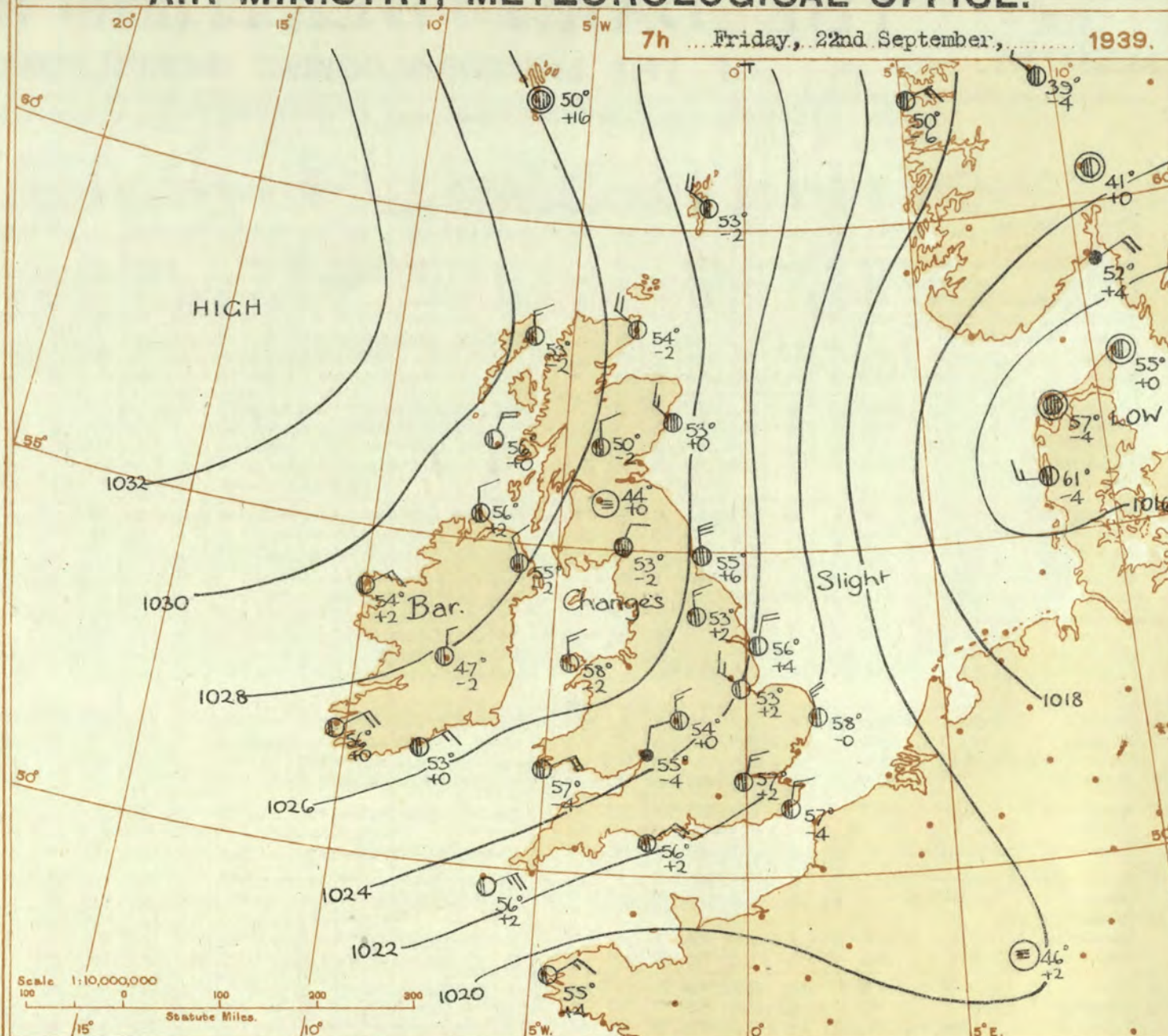
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

§ Sea disturbance reported from Dungeness.



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ... Friday, 22nd September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd September, 1939.
1 S.E. England	Wind northeasterly, moderate to fresh; mainly cloudy, local showers today, some rain tomorrow; average temperature then colder.
2 E. England ...	
3 E. Midlands ...	Wind northeast, moderate; mainly cloudy, some local rain at first chiefly near the coast, more general rain or drizzle later today and tomorrow; becoming rather cold.
4 W. Midlands ...	
5 S.W. England	Wind northeast, light to moderate; cloudy, light rain in places at first; temperature rather below average.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 17 - 18.
9 N. Midlands ...	Wind northeast to north, moderate, freshening on coast; cloudy, a period of occasional rain; showers later; becoming rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 17 - 18.
13 { A. W. Scotld. B.N.W. Scot- land.	Wind northerly, moderate to fresh; mainly cloudy, showers, brighter intervals; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Wind northeast, light to moderate; fair generally; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 7.
20 S. W. Ireland	As 17 - 18.

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

## GENERAL INFERENCE.

Pressure is very high from North Greenland to southward of Iceland and low in the Baltic Area. A trough of relatively low pressure from the Faeroes to Norway will move south. Weather will be fair in northwestern districts of the British Isles but rather unsettled elsewhere. Temperatures will gradually fall below seasonal levels.

## FURTHER OUTLOOK.

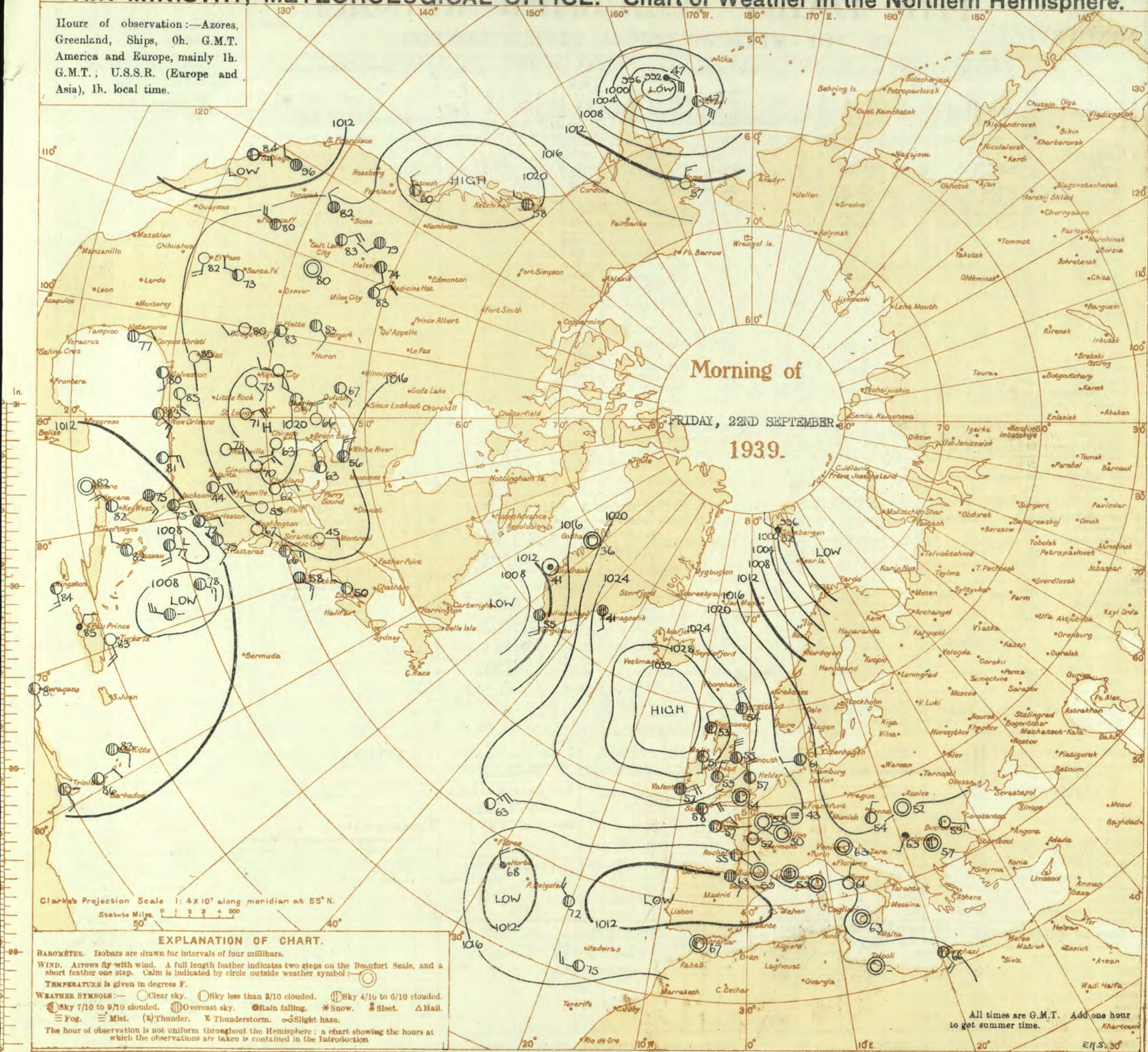
A spell of rather cold weather indicated with showers in the eastern half of the country.

Forecasts issued at 0930 G.M.T.

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



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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Friday, 22nd September, 1939.

No. 28428.

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. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.													
					Direc.	Force.					Form.	Amount.	Height of Base (feet).				Direc.	Force.					Form.	Amount.	Height of Base (feet).					Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.													
1	London (Kew) ...	18	1022.7	-2		0	bc	54	97	6	5	-	4-6	4-6	2500	1022.2	+4	NE	3	bc	57	85	6	5	-	10	10	1500	1	*	66	56	53	Tr	2	4.1											
	Croydon ...	217	1022.7	-2		0	bc	54	97	6	5	-	4-6	4-6	2500	1022.3	+2	NNE	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	53	*	Tr	2	*											
	S. Farnborough ...	226	1022.7	-2		0	bc	54	97	6	5	-	4-6	4-6	2500	1022.3	+2	NNE	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	53	*	Tr	2	*											
	Boscombe Down ...	417	1023.6	0	N	3	bc	54	97	6	5	-	4-6	4-6	2500	1021.7	-2	N	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	53	*	Tr	2	*											
	Calshot (St. Mary's) ...	8	1022.7	-2	N	3	bc	54	97	6	5	-	4-6	4-6	2500	1020.9	-4	N	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	53	*	Tr	2	*											
	Lymington ...	346	1021.9	+8	N	2	bc	56	92	7	8	-	4-6	4-6	2500	1021.1	0	NNE	4	bc	57	97	6	5	-	7-8	10	800	1	*	66	53	*	Tr	2	*											
	Manston ...	154	1021.7	-8	N	3	bc	58	97	6	5	-	7-8	7-8	1500	1021.1	0	NNE	4	bc	57	97	6	5	-	7-8	10	800	1	*	66	53	*	Tr	2	5.0											
2	Shoeburyness ...	11	1021.5	-4	NNW	3	bc	59	97	6	6	-	10	10	1500	1021.7	0	N	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	52	42	2	2	2.5											
	Felixstowe ...	15	1021.5	-4	NNW	3	bc	59	97	6	6	-	10	10	1500	1021.7	0	N	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	52	42	2	2	2.5											
	Gorleston ...	5	1021.5	-4	NNW	3	bc	59	97	6	6	-	10	10	1500	1021.7	0	N	3	bc	57	97	6	5	-	7-8	10	800	1	*	66	52	42	2	2	2.5											
	Mildenhall ...	19	1022.5	-4	N	3	bc	58	97	6	5	-	10	10	450	1022.6	+4	N	2	bc	55	92	7	5	-	9+	9+	5700	1	*	66	55	*	0.1	0.6	*											
	Cranwell ...	240	1022.5	-4	N	3	bc	58	97	6	5	-	10	10	450	1022.3	+2	NW	3	bc	53	97	6	5	-	2-3	2-3	2500	1	*	63	52	50	0.2	3	0.8											
3	Birmingham ...	535	1023.3	0	NE	4	bc	57	85	7	5	-	4-6	4-6	1500	1022.7	0	NE	4	bc	57	97	6	5	-	4-6	9+	800	0	3	60	56	54	Tr	Tr	0.6											
	Upper Heyford ...	408	1023.3	0	NE	4	bc	57	85	7	5	-	4-6	4-6	1500	1022.7	0	NE	4	bc	57	97	6	5	-	4-6	9+	800	0	3	60	56	54	Tr	Tr	0.6											
4	Ross-on-Wye ...	223	1023.3	0	NE	4	bc	57	85	7	5	-	4-6	4-6	1500	1022.7	0	NE	4	bc	57	97	6	5	-	4-6	9+	800	0	3	60	56	54	Tr	Tr	0.6											
5	Hartland Point ...	299	1023.3	0	NE	4	bc	57	85	7	5	-	4-6	4-6	1500	1022.7	0	NE	4	bc	57	97	6	5	-	4-6	9+	800	0	3	60	56	54	Tr	Tr	0.6											
	Bristol ...	209	1023.3	0	NE	4	bc	57	85	7	5	-	4-6	4-6	1500	1022.7	0	NE	4	bc	57	97	6	5	-	4-6	9+	800	0	3	60	56	54	Tr	Tr	0.6											
	Portland Bill ...	32	1022.5	-6	NE	4	bc	56	85	8	5	-	4-6	4-6	4000	1022.1	+2	NE	4	bc	56	85	8	5	-	7-8	10	2500	1	3	61	53	*	Tr	Tr	1.1											
	Plymouth ...	82	1023.0	+4	EN	2	bc	58	75	7	8	-	1	1	4000	1022.5	0	EN	2	bc	58	85	8	5	-	9+	9+	2500	1	3	61	53	*	Tr	Tr	*											
	The Lizard ...	240	1022.8	0	ENE	4	bc	58	85	7	8	-	7-8	10	1500	1022.7	+1	NE	4	bc	54	92	8	8	-	4-6	4-6	2500	0	2	64	52	*	Tr	Tr	3.0											
	Scilly (St. Mary's) ...	163	1022.8	-2	NE	4	bc	58	85	6	5	-	4-6	4-6	2500	1022.2	+2	NE	5	bc	56	92	7	5	-	2-3	2-3	2500	0	2	65	54	*	Tr	Tr	5.4											
	Guernsey ...	175	1022.8	-2	NE	4	bc	58	85	6	5	-	4-6	4-6	2500	1022.2	+2	NE	5	bc	56	92	7	5	-	2-3	2-3	2500	0	2	65	54	*	Tr	Tr	5.4											
6	Pembroke ...	142	1025.6	0	NE	3	bc	54	85	6	5	-	4-6	4-6	2500	1024.6	-4	ENE	4	bc	57	85	7	5	-	9	9+	2500	0	1	62	52	*	Tr	Tr	0.4											
7	Holyhead ...	26	1026.4	-4	NNE	3	bc	59	92	7	5	-	7-8	7-8	4000	1026.0	-2	N	3	bc	58	85	7	5	-	9	10	1500	1	2	62	52	*	Tr	Tr	0.4											
	Chester (Sealand) ...	16	1026.5	-4	NW	2	bc	56	92	6	5	-	10	10	2500	1026.0	-2	NW	1	bc	56	97	6	5	-	7-8	10	2500	1	1	62	55	*	Tr	Tr	*											
8	Manchester ...	70	1026.5	-4	NW	2	bc	56	92	6	5	-	10	10	2500	1026.0	-2	NW	1	bc	56	97	6	5	-	7-8	10	2500	1	1	62	55	*	Tr	Tr	*											
10	Spurn Head ...	29	1023.4	-2	N	4	bc	57	97	6	5	-	7-8	7-8	4000	1024.3	+1	NE	4	bc	56	85	7	8	-	4-6	7-8	1500	1	3	61	54	*	Tr	Tr	0.5											
	Catterick ...	175	1023.4	-2	N	4	bc	57	97	6	5	-	7-8	7-8	4000	1024.3	+1	NE	4	bc	56	85	7	8	-	4-6	7-8	1500	1	3	61	54	*	Tr	Tr	0.5											
	Tynemouth ...	108	1025.7	-6	N	6	bc	55	97	6	6	-	10	10	1500	1025.8	+6	N	6	bc	55	97	6	6	-	10	10	800	1	3	56	54	53	Tr	Tr	0.0											
11	St. Abbs Head ...	280	1027.5	0	NNW	5	bc	54	92	8	5	-	10	10	1500	1026.4	0	NNW	4	bc	55	85	8	5	-	7-8	10	1500	0	3	56	53	*	Tr	Tr	1.5											
	Leuchars ...	36	1027.5	0	NNW	5	bc	54	92	8	5	-	10	10	1500	1026.4	0	NNW	4	bc	55	85	8	5	-	7-8	10	1500	0	3	56	53	*	Tr	Tr	1.5											
12	Renfrew (Abbots I.) ...	19	1028.2	0	-	0	bc	52	97	7	5	-	9+	9+	2500	1027.8	-2	SW	1	bc	52	92	3	5	-	9+	9+	4000	0	*	64	40	44	Tr	Tr	4.6											
	Eskdalemuir ...	794	1028.2	0	-	0	bc	52	97	7	5	-	9+	9+	2500	1027.8	-2	SW	1	bc	52	92	3	5	-	9+	9+	4000	0	*	64	40	44	Tr	Tr	4.6											
	Point of Ayre ...	30	1027.7	0	NNE	3	bc	58	85	7	5	-	4-6	10	2500	1026.9	-2	E	3	bc	58	85	7	5	-	10	10	800	1	1	62	57	*	Tr	Tr	0.5											
13A	Tiree ...	22	1030.8	-8	NNW	2	bc	53	92	7	8	-	9	10	2500	1029.4	0	N	3	bc	56	85	8	7	-	2-3	2-3	4000	0	3	59	54	50	Tr	Tr	1.4											
13B	Stormorway ...	80	1030.8	-8	NNW	2	bc	53	92	7	8	-	9	10	2500	1029.4	0	N	3	bc	56	85	8	7	-	2-3	2-3	4000	0	3	59	54	50	Tr	Tr	1.4											
15	Dalwhinnie ...	1176	1028.3	-6	NW	4	bc	54	92	7	5	-	9	10	1500	1027.2	-2	NW	4	bc	53	92	7	5	-	10	10	2500	0	1	58	53	50	Tr	Tr	0.3											
	Aberdeen ...	79	1028.3	-6	NW	4	bc	54	92	7	5	-	9	10	1500	1027.2	-2	NW	4	bc	53	92	7	5	-	10	10	2500	0	1	58	53	50	Tr	Tr	0.3											
	Wick ...	81	1028.3	-6	NW	4	bc	54	92	7	5	-	9	10	1500	1027.2	-2	NW	4	bc	53	92	7	5	-	10	10	2500	0	1	58	53	50	Tr	Tr	0.3											
16	Lerwick ...	156	1025.8	-14	NNW	4	bc	54	92	8	5	-	7-8	9	1500	1024.3	-2	NW	4	bc	53	92	8	8	-	7-8	9	800	1	1	56	51	*	Tr	Tr	3.8											
17	Blacksod Point ...	18	1029.3	0	N	1	bc	51	85	7	-	2	0	Tr	1029.1	+2	NE	3	bc	54	85	8	-	4	4	0	4-6	-																			



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 23rd September, 1939.  
No. 28429.

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

Columns 18, 27. The figures in these columns indicate the total amount of all forms of cloud.

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

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

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations :—

Cirrus,-Ci:	Cirrocumulus,-Cc:	Cirrostratus,-Cs:
Stratocumulus,-Sc:	Stratus,-St:	Nimbostratus,-Ns:

COLUMN 29-ST	
0... Ground dry.	7...
1.. " wet.	
2.. " flooded.	8..
3.. " frozen hard and dry.	
4.. " partly covered with snow or hail.	9..
5.. " covered with ice or glazed frost.	-
6.. " covered with thawing snow.	

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29 —STATE OF GROUND.

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

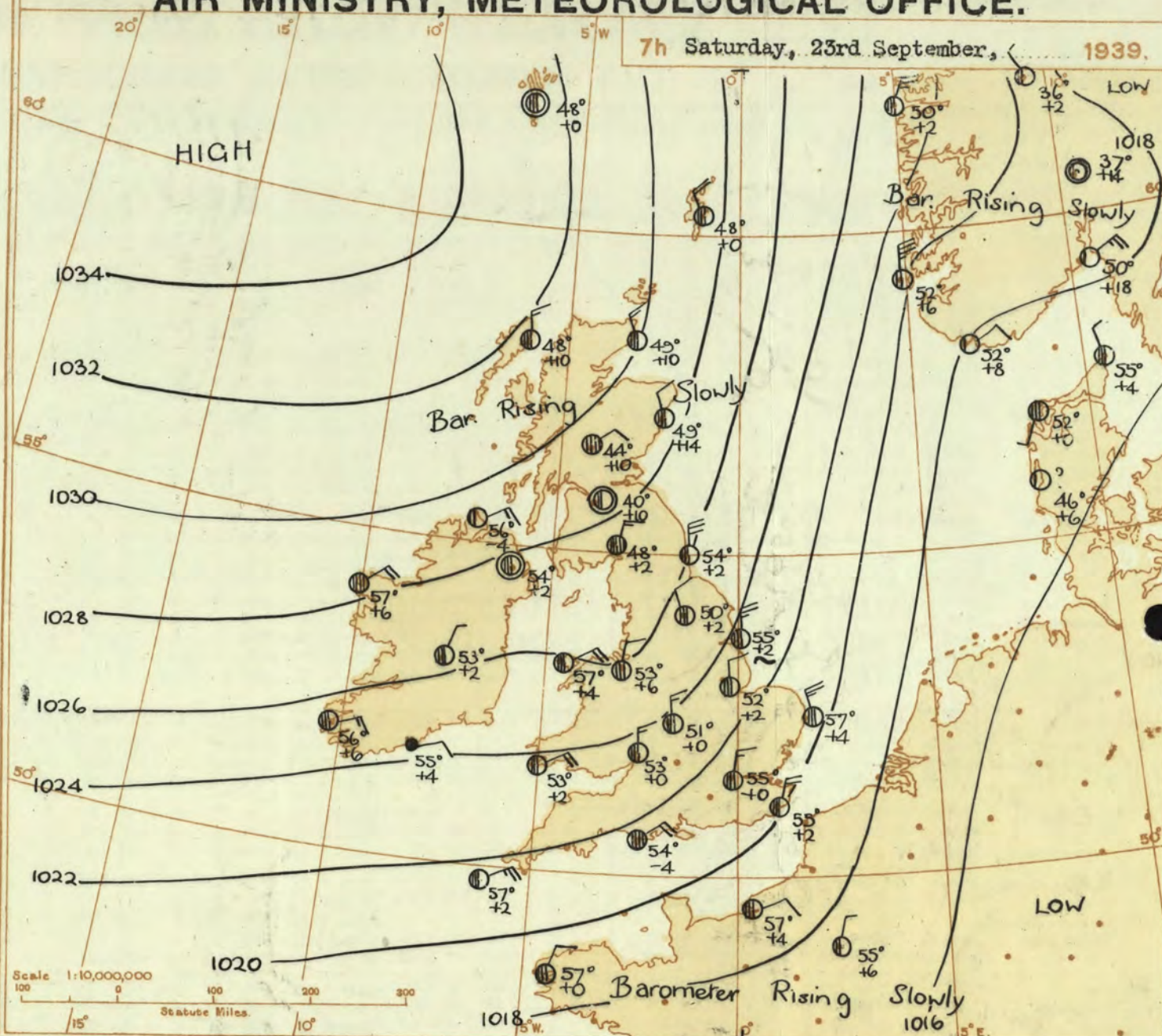
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

‡ Sea disturbance reported from Dungeness.



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 23rd September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd September, 1939.
1 S.E. England	Wind northeast, moderate to fresh on the coast; variable sky, bright periods, some showers; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northeast, moderate to fresh locally on the coast; cloudy at first, brighter later, chance of scattered showers; rather cold.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 11 - 14.
9 N. Midlands ...	As 4 - 7.
10 N.E. England	As 1 - 3.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind north to northeast, light; fair or fine; rather cold with ground frost in places at night.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	Wind northerly, moderate or fresh; variable sky, scattered showers; rather cold.
17 N. W. Ireland	As 11 - 14.
18 N. E. Ireland	
19 S. E. Ireland	As 4 - 7.
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An intense anticyclone centred between Scotland and Iceland persists. Weather will be mainly cloudy at first in most districts with a little local drizzle chiefly in the South. Generally brighter conditions will spread in from the Northeast but will be accompanied by showers in the eastern and southeastern counties. Temperature will be lower than of late especially at night.

## FURTHER OUTLOOK.

Rather cold generally. Fair in the West and North, showers in the Southeast.

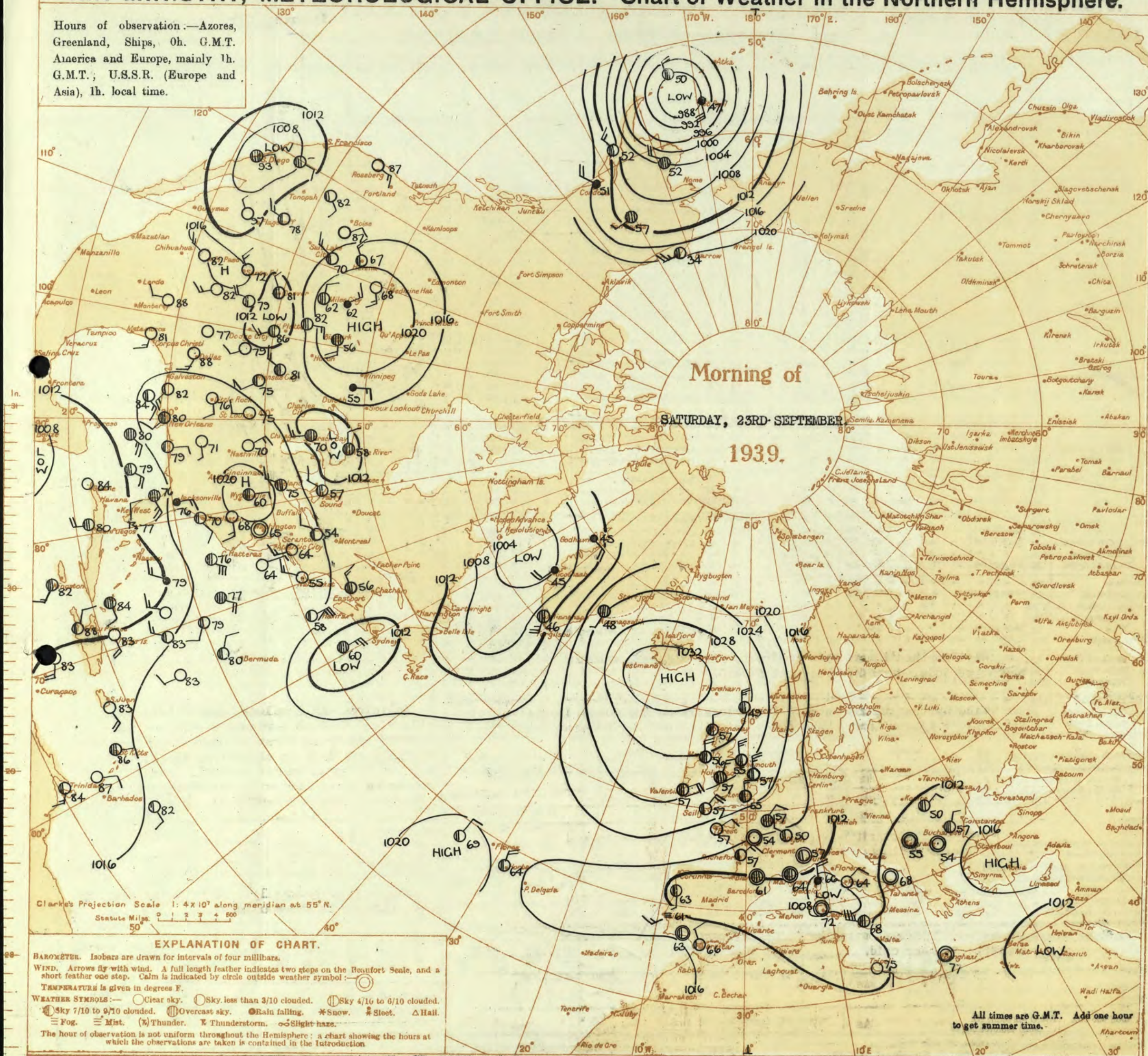
Forecasts issued at 1025 G.M.T.

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



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

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





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 23rd September, 1959.  
No. 28429.

OBSERVATIONS at 1 hr. G.M.T. 23rd September														OBSERVATIONS at 7 hr. G.M.T. 23rd September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																									
STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.					RAINFALL.		SUNSHINE 24 Hrs.																																																																																																																																																																																																																																																																																																																																										
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## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 24th September, 1939.

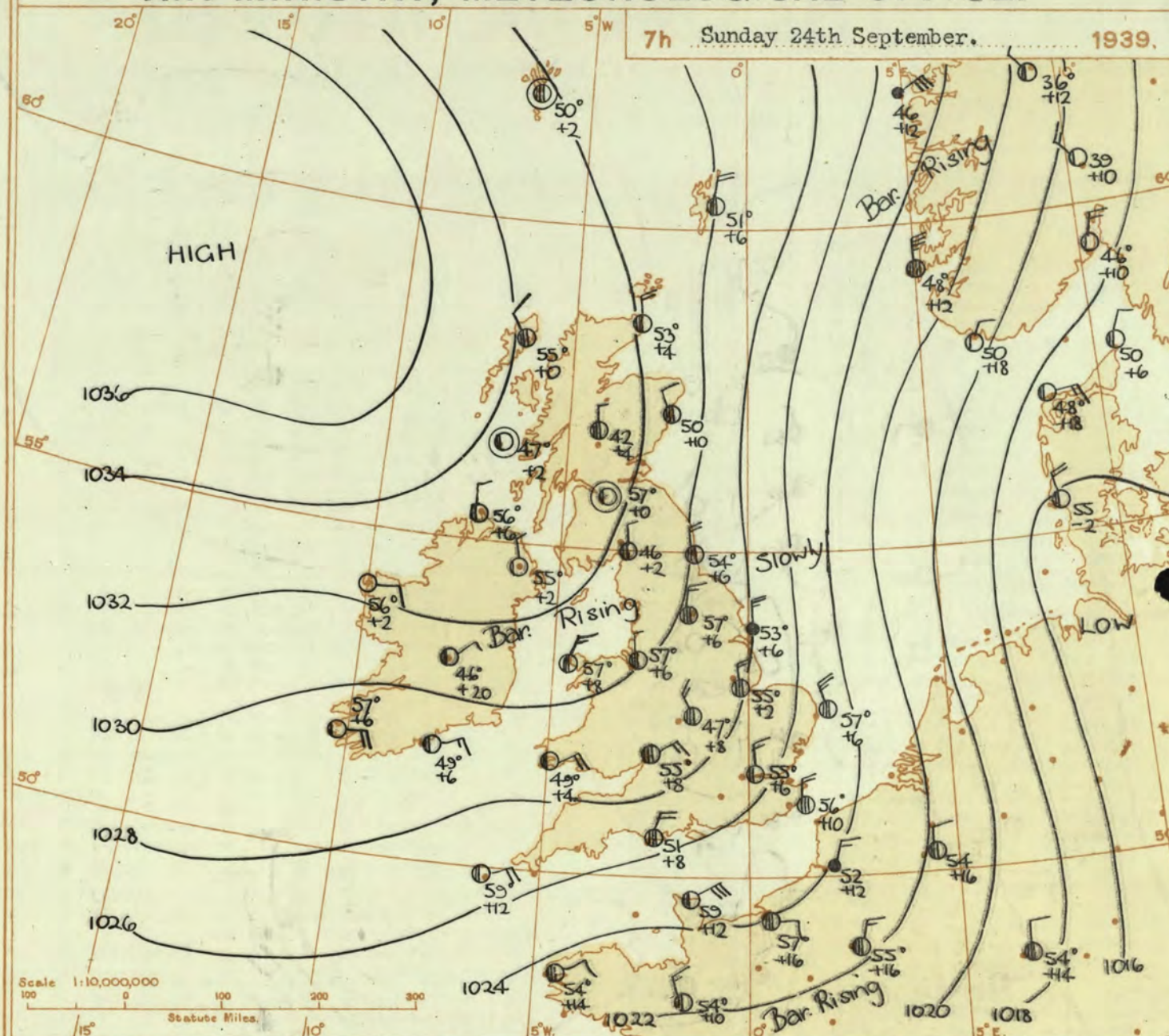
No. 28430

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 23rd September														OBSERVATIONS at 18h G.M.T. 23rd September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																
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# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday 24th September. 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th September, 1939.
1 S.E. England	Wind north, moderate to fresh, veering northeast later; mainly cloudy, some showers; rather cold.
2 E. England	
3 E. Midlands ...	Wind north to northeast, moderate, fresh locally on coast;
4 W. Midlands ...	fair or fine; temperature rather below average.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind northeast, moderate to light; mainly fine; rather cold,
9 N. Midlands ...	local ground frost at night.
10 N.E. England	As 1 - 2.
11 S.E. Scotland	Wind northerly to variable, light; fine; rather cold, ground
12 S.W. Scotland & Isle of Man.	frost at night.
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Wind north to northeast, moderate to fresh; fair; rather cold.
16 Orkney and Shetland	
17 N. W. Ireland	Wind north to northeast light; fine; average day temperature,
18 N. E. Ireland	local ground frost at night
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An intense anticyclone centred between Scotland and Iceland covers the British Isles and will tend to move slowly southeast. Weather will be fair or fine in most districts but there will be some showers near the East and Southeast coast of England. Ground frost will occur tonight in northwestern districts.

## FURTHER OUTLOOK.

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

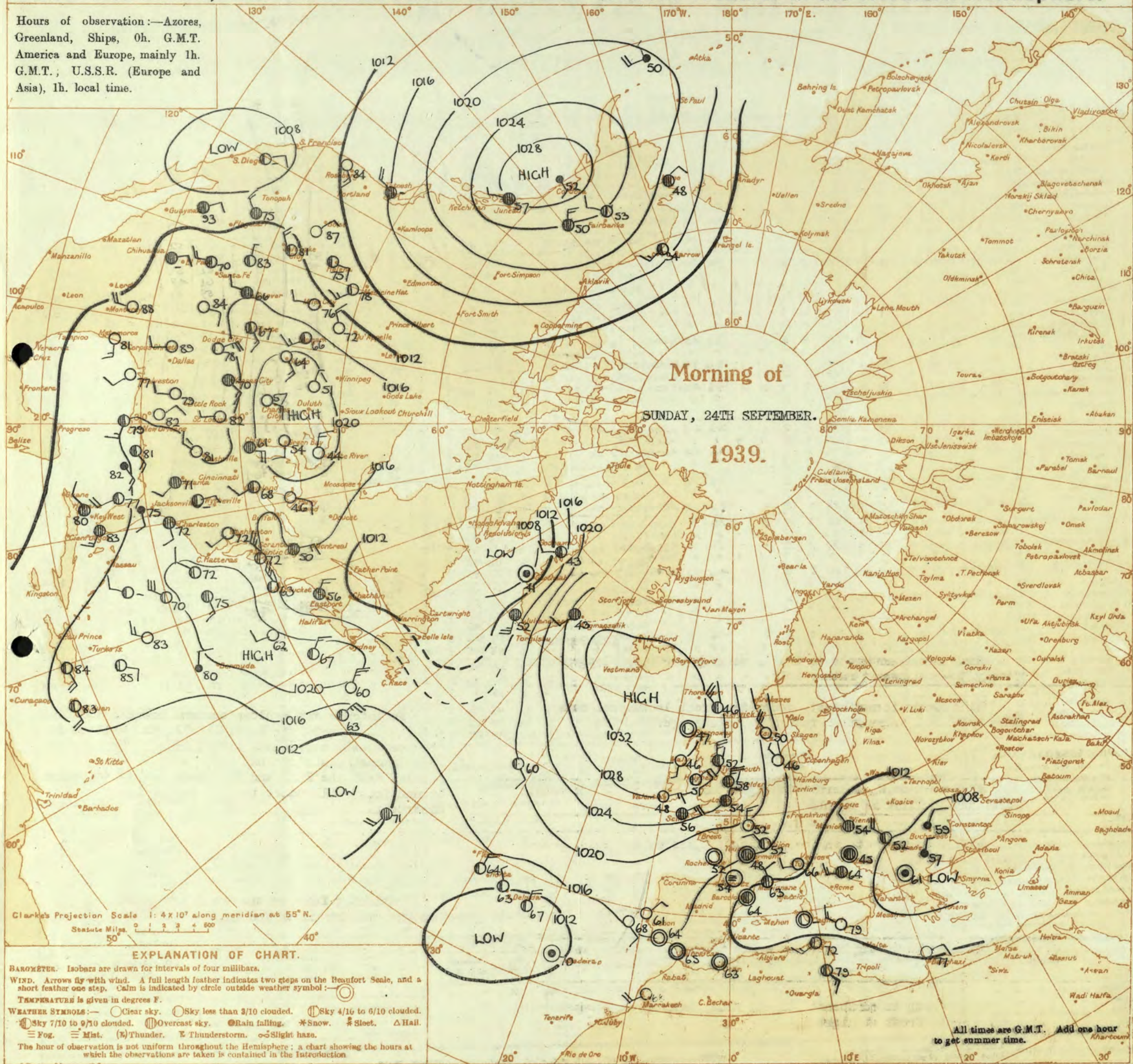
Forecasts issued at 0930 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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

Sunday, 24th September, 1939.  
No. 28430

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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.				
					Direc.	Force.					Form.	Amount.		Direc.			Force.	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.	Low.							Med.	High.		Low.	Med.	High.	
1	London (Kew) ...	18	1024.7	+6	NNE	2	c	54	75	7	-	-	-	1027.3	+12	N	2	c	52	85	7	-	-	-	-	4000	0	60	50	45	Tr	-	0.7				
	Croydon ...	217	1024.7	+6	NNE	2	c	54	75	7	-	-	-	1026.7	+10	N	2	c	52	85	8	-	-	-	-	4000	0	61	50	46	Tr	-	0.5				
	S. Farnborough ...	226	1024.7	+6	NNE	2	c	54	75	7	-	-	-	1027.3	+10	NNE	2	c	50	85	7	-	-	-	-	4000	0	50	46	93	Tr	-	0.1				
	Boscombe Down ...	417	1025.0	+8	N	4	c	53	75	7	-	-	-	1026.2	+8	N	5	b	48	92	6	-	-	-	-	2500	0	59	46	93	Tr	-	0.1				
	Calshot (St. Hmtn.) ...	8	1023.2	+2	NNE	4	c/pr	54	92	7	-	-	-	1025.2	+12	N	3	c	53	75	8	-	-	-	-	5700	0	61	52	48	Tr	1	2.7				
	Lymington ...	346	1023.3	+6	NNE	6	c/pr	56	85	6	-	-	-	1025.2	+10	NNE	5	c	55	75	8	-	-	-	-	4000	1	62	54	51	-	1	0.1				
	Manston ...	154	1023.3	+6	NNE	6	c/pr	56	85	6	-	-	-	1025.2	+10	NNE	5	c	55	75	8	-	-	-	-	4000	1	62	54	51	-	1	0.1				
2	Shoeburyness ...	11	1025.9	+12	NNW	4	c	54	85	8	-	-	-	1025.9	+12	NNW	4	c	54	85	8	-	-	-	-	4000	0	63	52	46	Tr	Tr	0.6				
	Felixstowe ...	15	1025.9	+12	NNW	4	c	54	85	8	-	-	-	1025.9	+12	NNW	4	c	54	85	8	-	-	-	-	4000	0	63	52	46	Tr	Tr	0.6				
	Gorleston ...	5	1023.4	+4	NW	5	c/pr	57	75	6	-	-	-	1024.6	+12	NNW	4	c	54	85	6	-	-	-	-	2500	0	62	54	51	Tr	Tr	0.1				
	Mildenhall ...	19	1023.4	+4	NW	5	c/pr	57	75	6	-	-	-	1024.6	+12	NNW	4	c	54	85	6	-	-	-	-	2500	0	62	54	51	Tr	Tr	0.1				
	Cranwell ...	240	1023.4	+4	NW	5	c/pr	57	75	6	-	-	-	1024.6	+12	NNW	4	c	54	85	6	-	-	-	-	2500	0	62	54	51	Tr	Tr	0.1				
3	Birmingham ...	535	1028.4	+6	ENE	4	bc	51	85	7	-	-	-	1029.6	+14	ENE	4	bc	49	75	8	-	-	-	-	2500	0	61	47	44	-	-	0.3				
	Upper Heyford ...	408	1028.4	+6	ENE	4	bc	51	85	7	-	-	-	1029.6	+14	ENE	4	bc	49	75	8	-	-	-	-	2500	0	61	47	44	-	-	0.3				
4	Ross-on-Wye ...	223	1028.4	+6	ENE	4	bc	51	85	7	-	-	-	1029.6	+14	ENE	4	bc	49	75	8	-	-	-	-	2500	0	61	47	44	-	-	0.3				
5	Hartland Point ...	209	1026.0	+12	NE	5	c	55	75	8	-	-	-	1027.6	+10	NE	6	bc	53	75	8	-	-	-	-	1500	0	58	47	43	-	-	0.0				
	Bristol ...	209	1026.0	+12	NE	5	c	55	75	8	-	-	-	1027.6	+10	NE	6	bc	53	75	8	-	-	-	-	1500	0	58	47	43	-	-	0.0				
	Portland Bill ...	32	1025.9	+16	NE	4	bc	52	85	8	-	-	-	1029.1	+10	NE	2	bc	49	92	6	-	-	-	-	2500	0	58	47	43	-	-	0.0				
	Plymouth ...	82	1029.8	+4	NE	3	b	54	65	7	-	-	-	1026.5	+8	NE	4	c	51	85	8	-	-	-	-	4000	1	58	47	43	-	-	0.0				
	The Lizard ...	240	1025.2	+6	NE	4	bc	54	75	8	-	-	-	1027.2	+12	NE	4	bc	51	75	8	-	-	-	-	2500	0	59	46	93	Tr	-	0.1				
	Seilly (St. Mary's) ...	163	1025.1	+10	ENE	5	c	56	85	7	-	-	-	1026.4	+8	ENE	4	bc	53	85	6	-	-	-	-	4000	0	60	53	46	-	-	0.1				
	Guernsey ...	175	1025.1	+10	ENE	5	c	56	85	7	-	-	-	1026.4	+8	ENE	4	bc	53	85	6	-	-	-	-	4000	0	60	53	46	-	-	0.1				
6	Penabroke ...	142	1028.4	+6	ENE	4	bc	51	85	7	-	-	-	1029.6	+14	ENE	4	bc	49	75	8	-	-	-	-	2500	0	61	47	44	-	-	0.3				
7	Holyhead ...	26	1029.9	+14	NE	4	b	51	75	8	-	-	-	1030.7	+6	NE	3	c	55	75	9	-	-	-	-	2500	1	58	50	46	Tr	-	6.4				
8	Chester (Sealand) ...	16	1030.0	+4	NW	1	c	50	75	7	-	-	-	1030.8	+8	N	1	c	49	85	8	-	-	-	-	4000	0	59	45	39	-	-	1.5				
	Manchester ...	70	1030.0	+4	NW	1	c	50	75	7	-	-	-	1030.8	+8	N	1	c	49	85	8	-	-	-	-	4000	0	59	45	39	-	-	1.5				
10	Spurn Head ...	29	1024.6	+4	NNE	5	c/pr	55	85	7	-	-	-	1027.9	+6	N	5	pr	53	92	6	-	-	-	-	1500	1	59	52	47	Tr	1	1.6				
	Catterick ...	175	1029.1	+2	N	5	c/pr	52	92	6	-	-	-	1029.9	+6	NNW	2	c	51	85	8	-	-	-	-	2500	1	56	47	44	-	-	0.3				
	Tynemouth ...	108	1029.1	+2	N	5	c/pr	52	92	6	-	-	-	1029.9	+6	NNW	2	c	51	85	8	-	-	-	-	2500	1	56	47	44	-	-	0.3				
11	St. Abbs Head ...	280	1030.0	0	NNW	1	c	53	85	8	-	-	-	1030.5	+4	NNW	4	c/pr	51	92	8	-	-	-	-	800	0	52	50	45	-	-	0.0				
	Leuchars ...	36	1031.3	+2	NNW	1	c	48	85	7	-	-	-	1031.5	+4	NNW	1	bc	48	85	9	-	-	-	-	2500	0	61	45	40	-	-	0.0				
12	Renfrew (Abbots I.) ...	19	1032.1	-2	SW	1	b	41	97	7	-	-	-	1032.7	+2	SW	2	bc	42	97	2	-	-	-	-	4000	0	63	37	37	-	-	0.0				
	Esksdalemuir ...	794	1032.1	-2	SW	1	b	41	97	7	-	-	-	1032.7	+2	SW	2	bc	42	97	2	-	-	-	-	4000	0	63	37	37	-	-	0.0				
	Point of Ayre ...	30	1030.9	+6	E	4	c	55	75	8	-	-	-	1031.7	+2	NE	3	bc	53	85	8	-	-	-	-	2500	0	56	43	43	-	-	7.0				
13A	Tiree ...	22	1030.9	+6	E	4	c	55	75	8	-	-	-	1031.7	+2	NE	3	bc	53	85	8	-	-	-	-	2500	0	56	43	43	-	-	7.0				
13B	Stormoway ...	80	1033.4	+2	-	0	b	47	97	7	-	-	-	1033.7	+2	-	0	bc	47	92	8	-	-	-	-	4000	0	55	45	45	-	-	11.4				
15	Dalwhinnie ...	1176	1033.4	+2	-	0	b	47	97	7	-	-	-	1033.7	+2	-	0	bc	47	92	8	-	-	-	-	4000	0	55	45	45	-	-	11.4				
	Aberdeen ...	79	1033.4	+2	-	0	b	47	97	7	-	-	-	1033.7	+2	-	0	bc	47	92	8	-	-	-	-	4000	0	55	45	45	-	-	11.4				
	Wick ...	81	1030.7	-6	NW	4	c	51	97	8	-	-	-	1031.0	+10	NW	2	c	50	92	8	-	-	-	-	1500	1	56	49	44	-	-	2.9				
16	Lerwick ...	156	1029.3	+10	NW	5	c/pr	46	92	8	-	-	-	1031.4	+4	NNW	3	c	52	92	8	-	-	-	-	1500	1	55	50	49	Tr	0.2	2.9				
	Blacksod Point ...	18	1030.3	+10	SE	3	bc	55	75	8	-	-	-	1032.1	+12	ESE	2	b	52	85	8	-	-	-	-	7200	0	62	5								



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 25th September, 1939.

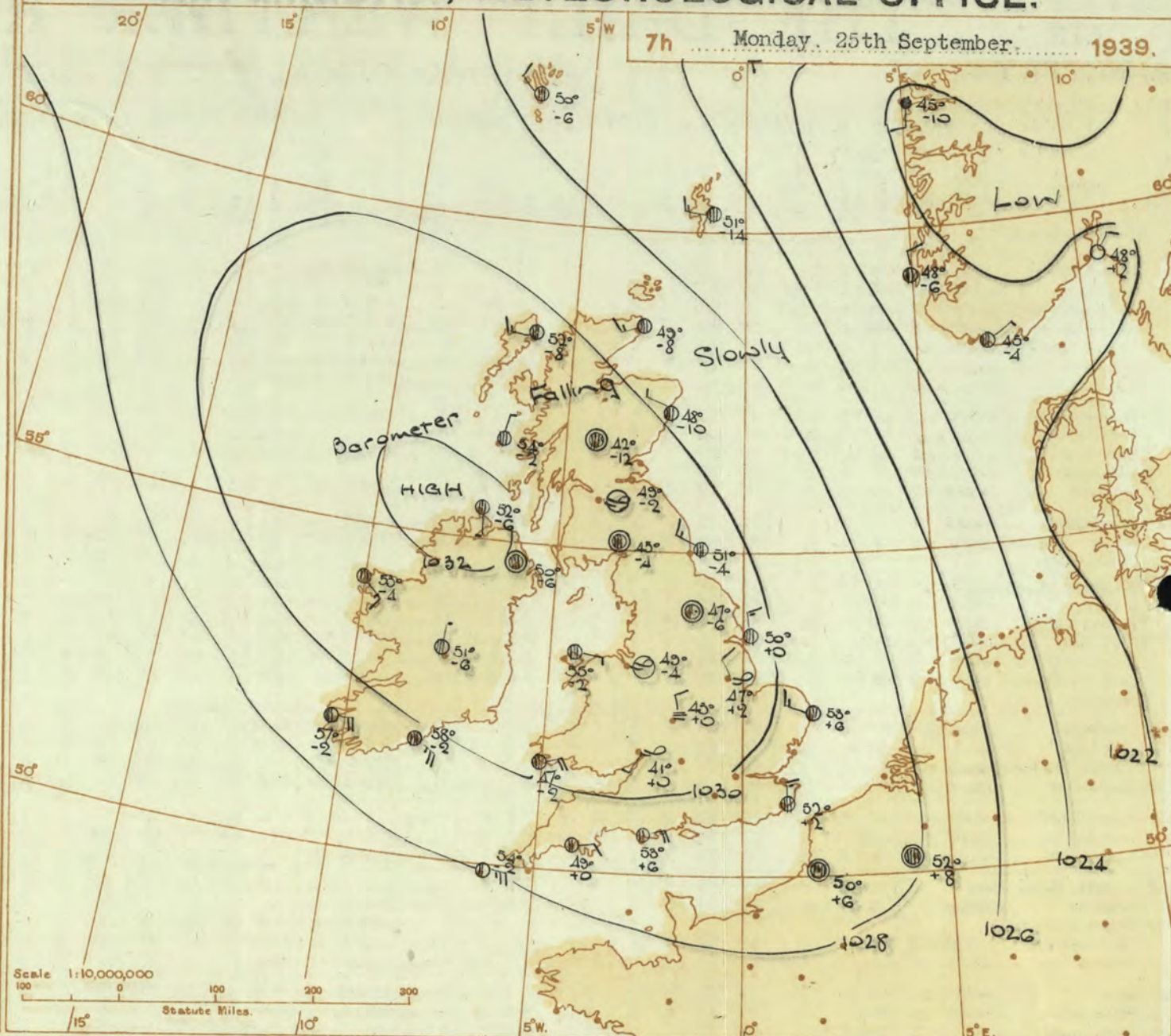
No. 28431

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 24th September														OBSERVATIONS at 18h. G.M.T. 24th September														PAST 24 HOURS.					
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	°Humid.	Visibility 0-10	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	°Humid.	Visibility 0-10	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.							
				Dir.	Force 0-12				Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Low				Med.	High	Low 0-10	Total 0-10	Height of Base (feet)			7h.-13h. 24th	13h.-18h. 24th	18h.-24th 25th	1h.-7h. 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)	(37)	(38)	(39)	(40)		
1	London (Kew)...	1027.9	0	N	3	58	75	7	3	-	7-8	9+	1500	1028.5	+10	NNE	3	57	75	7	5	-	3+	9+	2500	0	*	bccidc	c	ccmc	ccmc	ccmc	ccmc		
	Croydon ...	1027.3	-2	N	3	57	85	6	8	-	10	10	2500	1027.9	+8	NNE	3	57	75	6	8	-	9	9	4000	0	*	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	S. Farnborough	1027.9	-2	N	3	58	75	7	8	-	9	9+	4000	1028.4	+8	NNE	3	57	65	7	5	-	9	9	4000	0	*	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Boscombe Down	1028.6	+2	N	3	58	75	8	5	-	9+	9+	2500	1028.9	+6	NNE	3	55	85	7	5	-	9	9	4000	0	*	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Calshot (Soton.)	1027.4	0	N	3	61	85	8	5	-	9+	9+	2500	1027.9	+4	N	3	59	75	7	5	-	3	3	4000	0	2	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Lympne	1026.9	0	N	3	58	75	8	8	-	7-8	9	4000	1026.9	+14	NNE	3	55	85	8	8	-	7-8	9	4000	0	*	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Manston	1026.0	-6	N	4	60	75	8	8	-	7-8	9+	4000	1026.9	+8	NNE	5	56	85	7	8	-	7-8	10	1500	1	*	cig	c	ccmc	ccmc	ccmc	ccmc		
2	Shoeburyness ...	1026.6	0	N	5	62	75	8	9	-	9	10	1500	1027.8	+10	NNE	4	56	85	8	4	2	-	7-8	10	2500	0	*	cbccp	c	ccmc	ccmc	ccmc	ccmc	
	Felixstowe ...	1026.3	+2	N	5	61	65	8	8	-	9	9+	1500	1026.6	+2	N	4	57	75	7	8	-	9+	9+	2500	1	3	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Gorleston	1025.9	+4	N	5	58	85	7	8	-	8	7-8	2500	1026.6	+2	N	4	57	75	7	8	-	9+	9+	2500	1	3	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Mildenhall	1027.5	+4	N	4	58	75	7	8	-	10	10	1500	1029.5	+8	N	3	53	85	8	5	-	9+	9+	4000	1	*	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Cranwell	1028.8	+2	N	3	56	75	8	8	-	4-6	7-8	2500	1029.5	+8	N	3	53	85	8	5	-	9+	9+	4000	1	*	cbccp	c	ccmc	ccmc	ccmc	ccmc		
3	Birmingham ...	1029.4	0	N	3	56	65	6	5	-	9+	9+	2500	1029.9	+4	N	3	53	65	6	5	7	-	7-8	9+	2500	0	*	bcc	c	ccmc	ccmc	ccmc	ccmc	
	Upper Heyford	1028.5	-4	N	4	57	65	7	5	-	9+	9+	2500	1029.4	+10	N	3	53	75	8	5	3	-	1	2-3	1500	0	*	cbcc	c	ccmc	ccmc	ccmc	ccmc	
4	Ross-on-Wye ...	1028.5	-4	N	4	57	65	7	5	-	9+	9+	2500	1029.4	+10	N	3	53	75	8	5	3	-	1	2-3	1500	0	*	cbcc	c	ccmc	ccmc	ccmc	ccmc	
	Hartland Point	1028.4	0	N	5	57	65	8	7	-	7-8	7-8	2500	1028.1	0	N	4	57	75	8	5	-	7-8	7-8	2500	0	3	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Bristol ...	1029.5	-2	N	3	56	75	8	5	-	10	10	2500	1029.5	+4	N	3	56	75	8	5	-	9	9	4000	0	3	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Portland Bill	1027.5	+12	N	4	60	85	8	5	-	4-6	9	4000	1027.5	+10	N	3	58	85	8	5	-	10	10	4000	1	3	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Plymouth	1027.7	+2	N	3	61	55	8	1	-	4-6	4-6	2500	1027.8	+2	N	3	58	65	8	1	4	-	10	2-3	4000	0	1	bcc	c	ccmc	ccmc	ccmc	ccmc	
	The Lizard	1027.9	0	N	4	61	65	8	8	-	2-3	2-3	2500	1027.7	+4	N	4	58	75	8	8	-	2-3	2-3	2500	0	2	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Scilly (St. Mary's)	1027.7	+2	N	4	64	75	8	8	-	4-6	4-6	2500	1027.4	0	N	4	58	85	8	8	4	-	4-6	4-6	2500	0	2	bcc	c	ccmc	ccmc	ccmc	ccmc	
	Guernsey	1027.7	+2	N	4	64	75	8	8	-	4-6	4-6	2500	1027.4	0	N	4	58	85	8	8	4	-	4-6	4-6	2500	0	2	bcc	c	ccmc	ccmc	ccmc	ccmc	
6	Pembroke ...	1030.5	0	N	3	56	75	8	8	-	9	9	2500	1031.3	-6	N	3	54	75	8	5	6	-	2-3	4-6	2500	0	1	bcc	c	ccmc	ccmc	ccmc	ccmc	
7	Holyhead ...	1031.5	0	N	4	58	75	9	8	-	7-8	7-8	2500	1031.3	-6	N	3	57	75	8	5	-	2-3	2-3	4000	0	2	cbccp	c	ccmc	ccmc	ccmc	ccmc		
	Chester (Sealand)	1031.0	-2	N	2	58	75	8	8	-	9	9	2500	1031.0	+2	N	0	56	85	5	5	-	9+	9+	4000	0	*	cbccp	c	ccmc	ccmc	ccmc	ccmc		
8	Manchester ...	1030.5	-2	N	4	59	55	7	7	-	4-6	4-6	4000	1031.6	+6	N	2	53	75	6	5	-	4-6	4-6	4000	0	*	cbccp	c	ccmc	ccmc	ccmc	ccmc		
10	Spurn Head ...	1028.9	+6	N	3	57	85	7	8	6	-	7-8	9+	1500	1029.4	+4	N	4	54	85	7	8	-	9+	9+	1500	1	3	cbccp	c	ccmc	ccmc	ccmc	ccmc	
	Catterick	1030.5	+2	N	4	58	65	8	2	6	-	4-6	7-8	2500	1031.1	+4	N	2	50	85	7	3	3	-	1	4-6	4000	1	*	cbccp	c	ccmc	ccmc	ccmc	ccmc
	Tynemouth	1030.6	+6	N	5	57	85	8	2	-	4-6	4-6	2500	1030.9	0	N	5	54	85	8	2	3	-	4-6	4-6	2500	1	3	cbccp	c	ccmc	ccmc	ccmc	ccmc	
11	St. Abbs Head...	1031.4	0	N	3	53	85	8	8	2	-	7-8	9+	1500	1031.7	+2	N	2	53	75	8	8	2	-	7-8	9	1500	0	2	pre	c	ccmc	ccmc	ccmc	ccmc
	Leuchars	1032.0	0	N	1	57	75	9	8	7	-	7-8	9+	2500	1032.3	+2	N	1	55	85	8	8	7	-	7-8	9+	2500	0	*	pre	c	ccmc	ccmc	ccmc	ccmc
12	Renfrew (AbbotsL.)	1031.6	+2	N	3	56	65	8	5	-	9	9	2500	1031.7	0	N	2	57	75	9	5	-	9+	9+	2500	0	*	pre	c	ccmc	ccmc	ccmc	ccmc		
	Eskdalemuir	1031.6	+2	N	3	56	65	8	5	-	9	9	2500	1031.5	0	N	3	57	85	8	5	-	10	10	1500	0	*	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Point of Ayre	1032.2	0	N	2	61	65	8	1	4	-	10	2-3	4000	1031.9	-2	N	2	57	75	8	5	-	9+	9+	2500	0	1	bcc	c	ccmc	ccmc	ccmc	ccmc	
13A	Tiree ...	1033.1	0	N	1	58	75	8	1	4	5	2-3	2-3	4000	1032.5	-2	N	1	55	85	8	1	3	-	1	4-6	4000	0	1	bcc	c	ccmc	ccmc	ccmc	ccmc
13B	Stornoway	1033.7	0	N	1	58	85	8	5	7	-	4-6	10	4000	1033.3	+2	N	1	54	85	8	5	5	-	2-3	9+	4000	0	0	bcc	c	ccmc	ccmc	ccmc	ccmc
15	Dalwhinnie	1031.8	-2	N	3	55	75	7	5	7	-	4-6	9+	2500	1031.8	+2	N	3	54	85	8	5	2	9	4-6	10	4000	1	*	bcc	c	ccmc	ccmc	ccmc	ccmc
	Aberdeen	1031.8	+2	N	3	55	65	8	8	-	7-8	7-8	2500	1031.9	+2	N	2	61	85	7	8	3	-	4-6	4-6	2500	1	1	bcc	c	ccmc	ccmc	ccmc	ccmc	
	Wick	1031.9	+2	N	3	56	75	8	7	1	2-3	4-6	1500	1032.0	+2	N	4	53	85	7	5	7	-	7-8	9+	1500	1	2	bcc	c	ccmc	ccmc	ccmc	ccmc	
	Lerwick...	1030.5	-2	N	3	53	65	8	5	3	-	4-6	4-6	1500	1030.5	+2	N	3	49	75	8	5	7	-	7-8	9	1500	0	*	bcc	c	ccmc	ccmc	ccmc	ccmc
17	Blacksod Point...	1032.3	-2	N	2	60	65	8	1	-	4-6	4-6	4000	1031.5	0	N	3	57	65	9	1	-	2-3	2-3	5700	0	2	bcc	c	ccmc	ccmc	ccmc	ccmc		
18	Malin Head ...	1033.7	+4	N	1	57	75	8	5	-	2-3	2-3	5700	1033.0	-4	N	1	56	85	7	4	-	2-3	4-6	5700	0	1	bcc	c	ccmc	ccmc	ccmc	ccmc		
	Aldergrove	1032.8	-2	N	1	62	55	8	2	-	4-6	4-6	2500	1032.5	-2	N	1	54	75	8	7	-	4-6	4-6	4000	1	*	bcc	c	ccmc	ccmc	ccmc	ccmc		
19	Birr Castle ...	1031.4	+2	N	2	55	85	8	5	1																									



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday 25th September 1939.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th September, 1939.

1 S.E. England	Moderate northeast wind; fair; average temperature.
2 E. England	Moderate north wind; local light showers; rather cold.
3 E. Midlands	Light northerly wind; fair; average temperature.
4 W. Midlands	
5 S.W. England	Moderate east wind; fine; average temperature.
6 South Wales	As 3 - 4.
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 2.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 3 - 4.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Moderate northwest wind; some light local showers; average temperature.
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Light easterly wind; fair or fine; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A large anticyclone remains stationary to the west of Scotland and a secondary to the north of Shetland is moving southeastwards. Apart from local showers in the East the weather will be fair and rather cool.

## FURTHER OUTLOOK.

Little change.

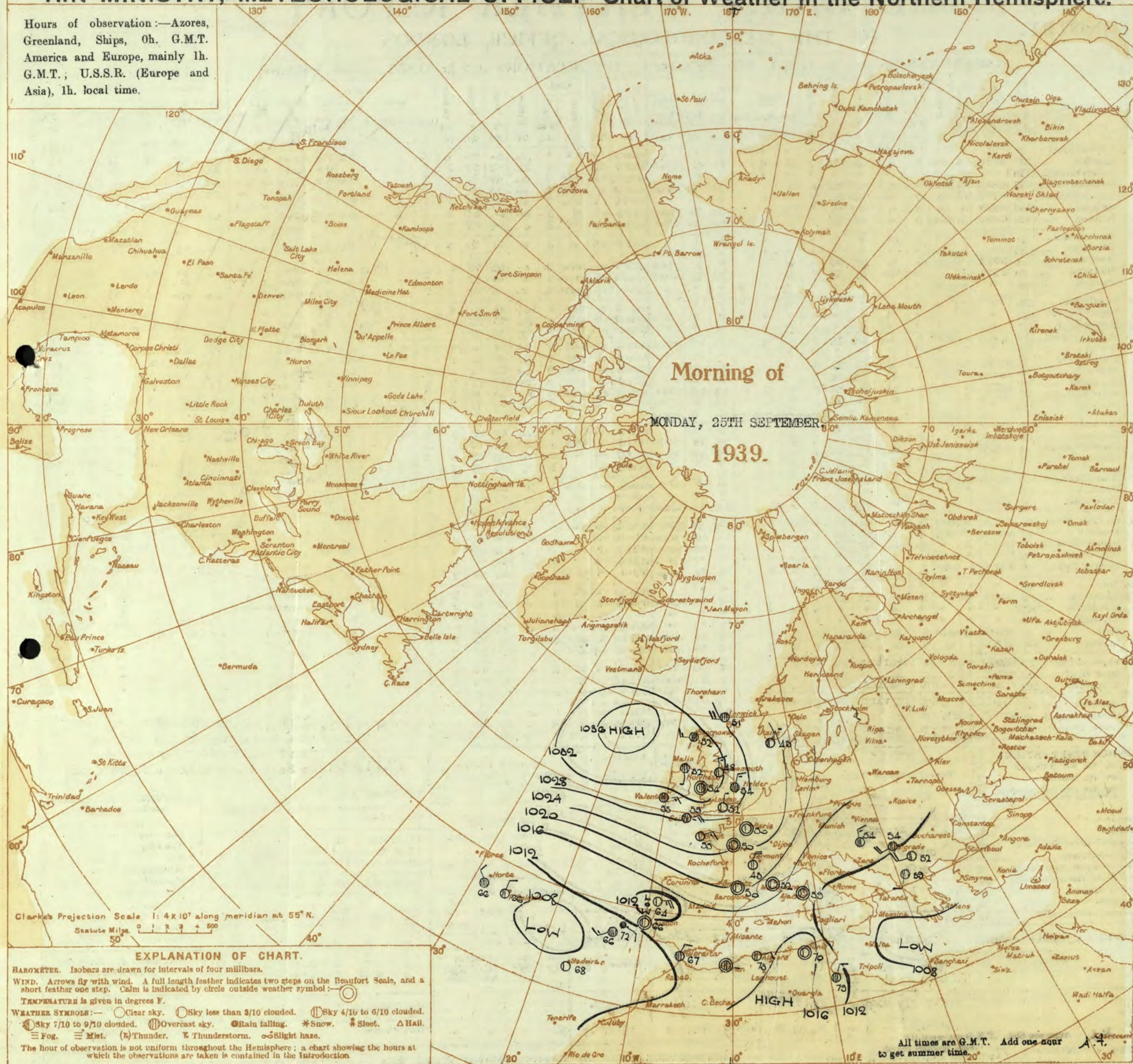
Forecasts issued at 1015 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 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, 25th September, 1939.  
No. 28431

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.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs. 24 Hrs.		
					Direc.	Force.					Low 0-10	Med. 10-10	High 10-10	Direc.	Force.			Low 0-10	Med. 10-10					High 10-10	Direc.	Force.	Low 0-10	Med. 10-10		High 10-10	Base (feet)	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.
1	London (Kew) ...	18	1029.5	+2	N'E	2	b	52	85	7	5	4	-	-	Tr	1030.2	0	N'E	1	2	52	85	6	5	3	-	7-8	7-8	4000	0	61	49	37	Tr	-	3.7	
	Croydon ...	217	1029.5	+2	N'E	2	b	52	85	7	5	4	-	-	Tr	1029.9	+2	N'E	2	2	48	97	6	5	3	-	1	1	1500	0	60	47	Tr	-	-		
	S. Farnborough ...	226	1030.2	+2	N'E	2	2	51	85	6	5	-	-	9+	5700	1030.0	0	N'E	2	2	49	97	6	5	-	1	1	1500	0	60	47	Tr	-	-			
	Boscon. be Down ...	417	1029.6	+2	N	3	b	51	85	7	-	-	-	0	Tr	1029.5	+2	N	3	49	85	7	5	-	1	1	1500	0	58	44	Tr	-	-				
	Calshot (Stmntn.) ...	8	1029.8	+6	N	3	c	52	85	8	5	-	-	9+	4000	1028.8	+2	N	3	bc	52	85	8	5	3	-	4-6	7-8	4000	0	60	50	43	Tr	0.1		
	Lympne ...	346	1029.1	+6	NNE	5	c	55	85	7	5	3	-	4-6	9+	1500	1029.0	+2	N	3	c	54	85	7	8	5	-	1	9	800	0	61	53	0.5	0.2		
	Manston ...	154	1029.1	+6	NNE	5	c	55	85	7	5	3	-	4-6	9+	1500	1029.0	+2	N	3	c	54	85	7	8	5	-	1	9	800	0	61	53	0.5	0.2		
2	Shoeburyness ...	11	1029.5	+4	N	3	c	51	92	8	5	-	-	9+	9+	5700	1028.7	+6	NNW	3	c	53	75	6	5	-	9+	9+	2500	0	60	51	49	3	0.2		
	Felixstowe ...	15	1027.8	+4	NNW	2	c	55	85	7	6	-	-	9	9	2500	1030.1	-4	NNW	2	c	50	92	6	5	-	10	10	5700	0	60	49	49	3	0.1		
	Gorleston ...	5	1030.1	+2	-	0	c/r	51	97	7	5	-	-	9+	9+	2500	1031.1	+2	NNW	2	c	47	85	5	5	-	9+	9+	4000	0	60	46	Tr	-	-		
	Mildenhall ...	19	1030.1	+2	-	0	c/r	51	97	7	5	-	-	9+	9+	2500	1031.1	+2	NNW	2	c	47	85	5	5	-	9+	9+	4000	0	60	46	Tr	-	-		
	Cranwell ...	240	1030.1	+2	-	0	c/r	51	97	7	5	-	-	9+	9+	2500	1031.1	+2	NNW	2	c	47	85	5	5	-	9+	9+	4000	0	60	46	Tr	-	-		
3	Birmingham ...	535	1030.7	0	E'N	4	b	50	92	8	-	-	-	0	0	1030.5	-2	E'N	4	bc	47	85	8	5	4	-	1	2-3	2500	0	60	45	-	-	1.0		
	Upper Heyford ...	408	1031.9	0	-	0	c	54	85	7	5	-	-	9+	9+	1000	1031.1	-2	ESE	1	c	55	75	7	5	-	1	2-3	2500	0	60	45	-	-	1.0		
	Ross-on-Wye ...	223	1032.8	0	-	0	z	51	85	5	5	-	-	10	10	4000	1031.9	-4	-	0	49	85	5	5	-	9+	9+	5700	0	61	47	43	-	-			
	Manchester ...	70	1031.9	-2	-	0	z	51	85	5	5	-	-	10	10	4000	1031.9	-2	-	0	49	85	5	5	-	9+	9+	5700	0	61	47	43	-	-			
4	Hartland Point ...	299	1029.6	0	ENE	4	bc	54	75	7	-	-	2-3	2-3	5700	1029.2	0	ENE	4	bc	52	65	8	8	4	-	2-3	4-6	2500	0	58	50	47	-	-		
	Bristol ...	209	1029.5	+6	NE	4	b	52	92	8	-	-	0	0	-	1030.9	+2	ENE	1	z	45	92	5	7	-	1-6	4-6	4000	0	58	44	33	-	-			
	Portland Bill ...	32	1029.4	0	NE'E	3	b	54	75	7	-	-	0	0	-	1029.8	+6	ENE	4	bc	53	92	8	5	-	2-3	2-3	4000	0	58	44	33	-	-			
	Plymouth ...	82	1029.4	0	NE'E	3	b	54	75	7	-	-	0	0	-	1029.8	+6	ENE	4	bc	53	92	8	5	-	2-3	2-3	4000	0	58	44	33	-	-			
	The Lizard ...	240	1027.7	0	E	4	bc	56	85	8	4	6	-	4-6	4-6	2500	1029.1	0	E'N	2	bc	49	85	8	8	-	2-3	2-3	2500	0	62	48	46	-	-		
	Scilly (St. Mary's) ...	163	1028.4	0	E	4	c	55	92	6	5	3	-	4-6	9+	2500	1028.3	+8	ENE	4	bc	54	92	8	8	-	2-3	2-3	2500	0	62	53	-	-	-		
	Guernsey ...	175	1028.4	0	E	4	c	55	92	6	5	3	-	4-6	9+	2500	1027.5	-2	E'N	5	bc	54	92	8	8	6	3	2-3	2-3	2500	0	62	54	-	-	-	
5	Pembroke ...	142	1030.7	0	E'N	4	b	50	92	8	-	-	-	0	0	1030.5	-2	E'N	4	bc	47	85	8	5	4	-	1	2-3	2500	0	60	45	-	-	1.0		
	Holyhead ...	26	1031.9	0	-	0	c	54	85	7	5	-	-	9+	9+	1000	1031.1	-2	ESE	1	c	55	75	7	5	-	1	2-3	2500	0	60	45	-	-	1.0		
	Chester (Sealand) ...	16	1032.8	0	-	0	z	51	85	5	5	-	-	10	10	4000	1031.9	-4	-	0	49	85	5	5	-	9+	9+	5700	0	61	47	43	-	-			
	Manchester ...	70	1031.9	-2	-	0	z	51	85	5	5	-	-	10	10	4000	1031.9	-2	-	0	49	85	5	5	-	9+	9+	5700	0	61	47	43	-	-			
6	Spurn Head ...	29	1030.8	+2	NE'N	3	c	54	75	7	5	-	-	10	10	1500	1030.5	0	NNW	3	c/r	50	85	7	8	-	9+	9+	800	1	59	50	-	-	1.0		
	Catterick ...	175	1032.1	0	N	3	bc	48	92	7	2	3	-	4-6	4-6	2500	1031.4	-6	-	0	47	85	8	5	-	9+	9+	1000	1	58	42	36	1	0.2			
	Tynemouth ...	108	1032.1	0	N	3	bc	48	92	7	2	3	-	4-6	4-6	2500	1030.7	-4	NNW	3	c	51	85	6	8	-	9+	9+	1500	1	58	42	36	1	0.2		
7	St. Abbs Head ...	280	1031.9	-6	NNW	3	c	51	85	7	5	6	-	7-8	9+	2500	1031.4	-6	-	0	47	85	8	5	-	9+	9+	1000	0	58	42	36	1	0.2			
	Leuchars ...	36	1032.2	-4	USW	1	c	50	85	8	5	3	-	7-8	10	4000	1030.6	-6	NNW	3	c	51	85	9	8	6	9	4-6	7-8	2500	0	58	50	-	-	-	
	Benfrew (Abbots L.) ...	19	1032.7	-2	-	0	z	51	97	6	5	-	-	10	10	2500	1031.7	-2	-	0	49	97	6	5	-	9+	9+	4000	0	58	48	-	-	-			
	Eskdalemuir ...	794	1032.1	0	NNE	2	c	57	85	8	5	3	-	4-6	9+	4000	1031.5	-4	-	0	45	97	7	5	-	9	9	4000	1	57	44	42	-	-			
	Point of Ayre ...	30	1032.1	0	NNE	2	c	57	85	8	5	3	-	4-6	9+	4000	1031.1	-4	NE'E	2	c	55	85	8	8	7	-	4-6	9+	4000	0	61	53	-	-	6.0	
8	Tiree ...	22	1032.1	-10	W	3	c	52	85	7	5	7	-	7-8	9+	2500	1031.2	-2	N'E	1	c	54	85	8	5	3	-	4-6	7-8	2500	0	58	51	44	-	-	
	Stormorway ...	80	1032.1	-10	W	3	c	52	85	7	5	7	-	7-8	9+	2500	1030.8	-8	W	3	c	52	92	8	5	7	-	4-6	7-8	2500	0	58	51	44	-	-	
9	Dalwhinnie ...	1176	1032.1	-10	W																																



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

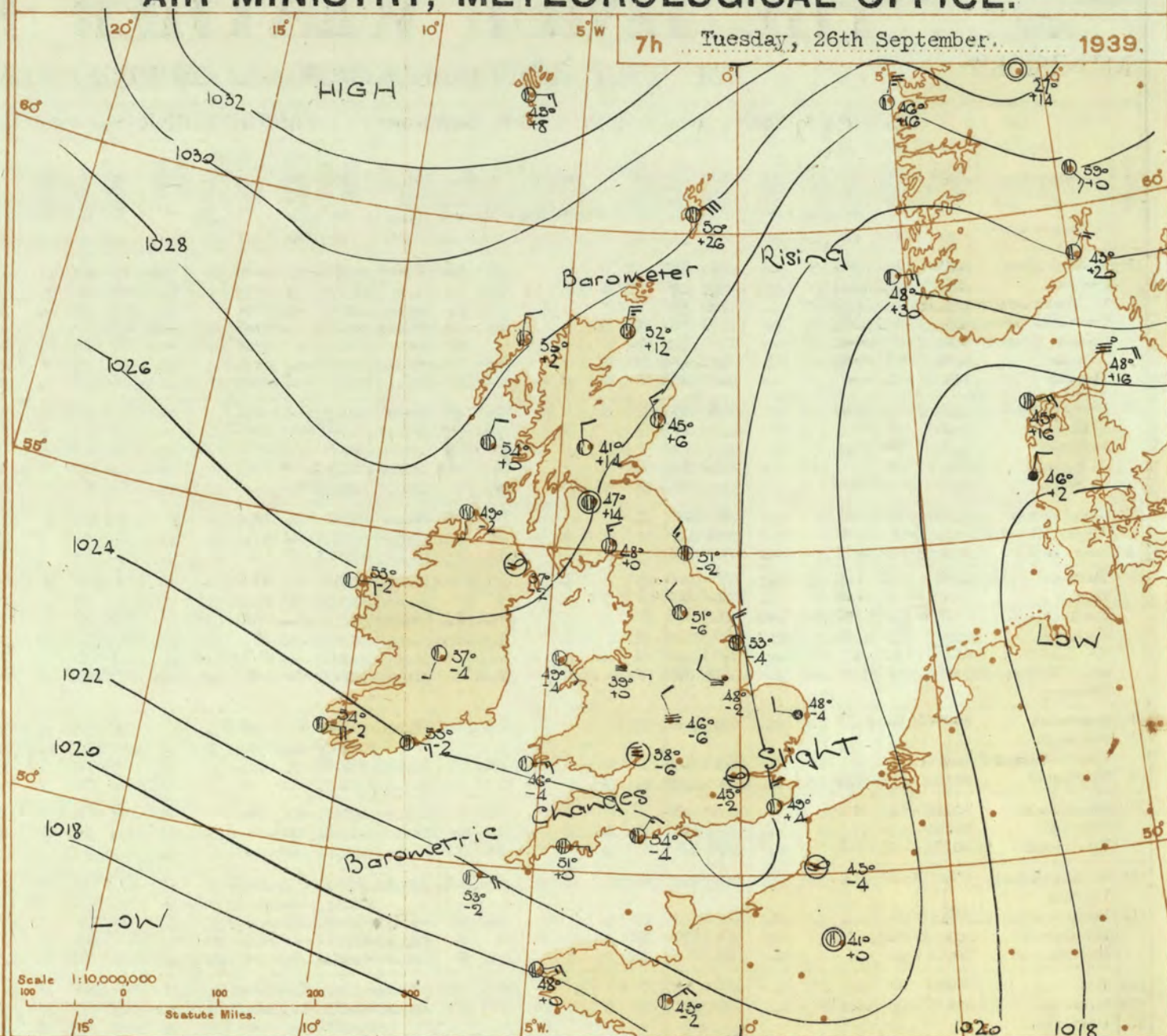
Tuesday, 26th September, 1939.  
No. 28432

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 25th September														OBSERVATIONS at 18h. G.M.T. 25th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.				Barom. M.S.L. mb.	Change in 3 hours.	Wind.	



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 26th September. 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th September, 1939.
1 S.E. England	Wind northeast, moderate; mainly fair but some local showers; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northeast, moderate; fair; rather cold.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind light northerly, fair but fog or mist at night; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	As 1 - 3.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Wind east, light or moderate; fair; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A depression over Denmark is moving southeast and a large anticyclone remains to the south of Iceland. Apart from slight showers near the east coast the weather will remain fair and rather cold.

## FURTHER OUTLOOK.

Little change.

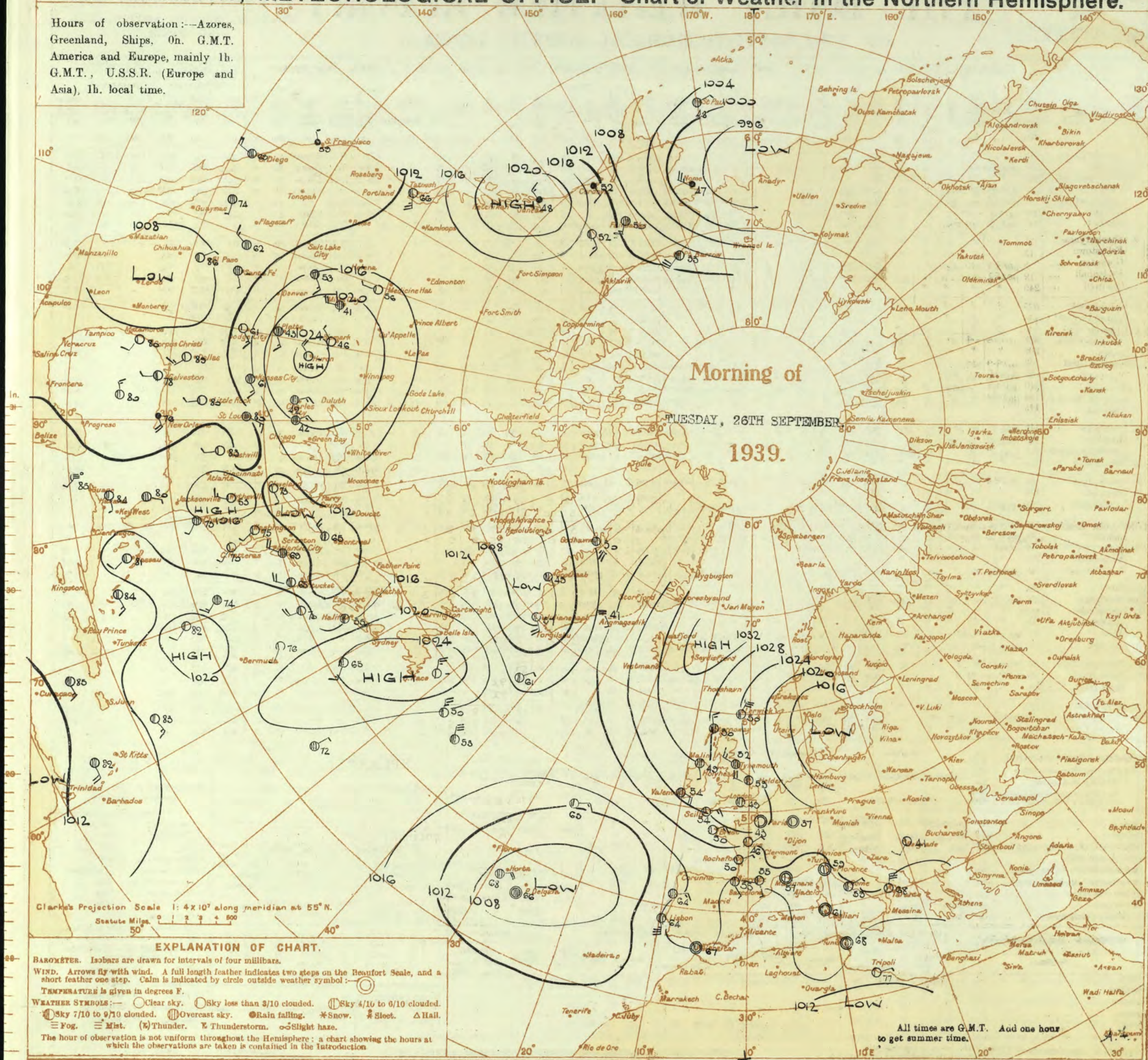
Forecasts issued at 0930 G.M.T.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday, 26th September, 1939  
No. 29432

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.	OBSERVATIONS at 1 hr. G.M.T. 26th September														OBSERVATIONS at 7 hr. G.M.T. 26th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			Barom. at M.S.L.		Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at 7 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE.																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			mb.	M.S.L.		Direc.	Force.					Low.	Med.	High.	Total.			Low.	Med.					High.	Total.	Low.	Med.			High.	Total.	Base (feet).	0-9		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

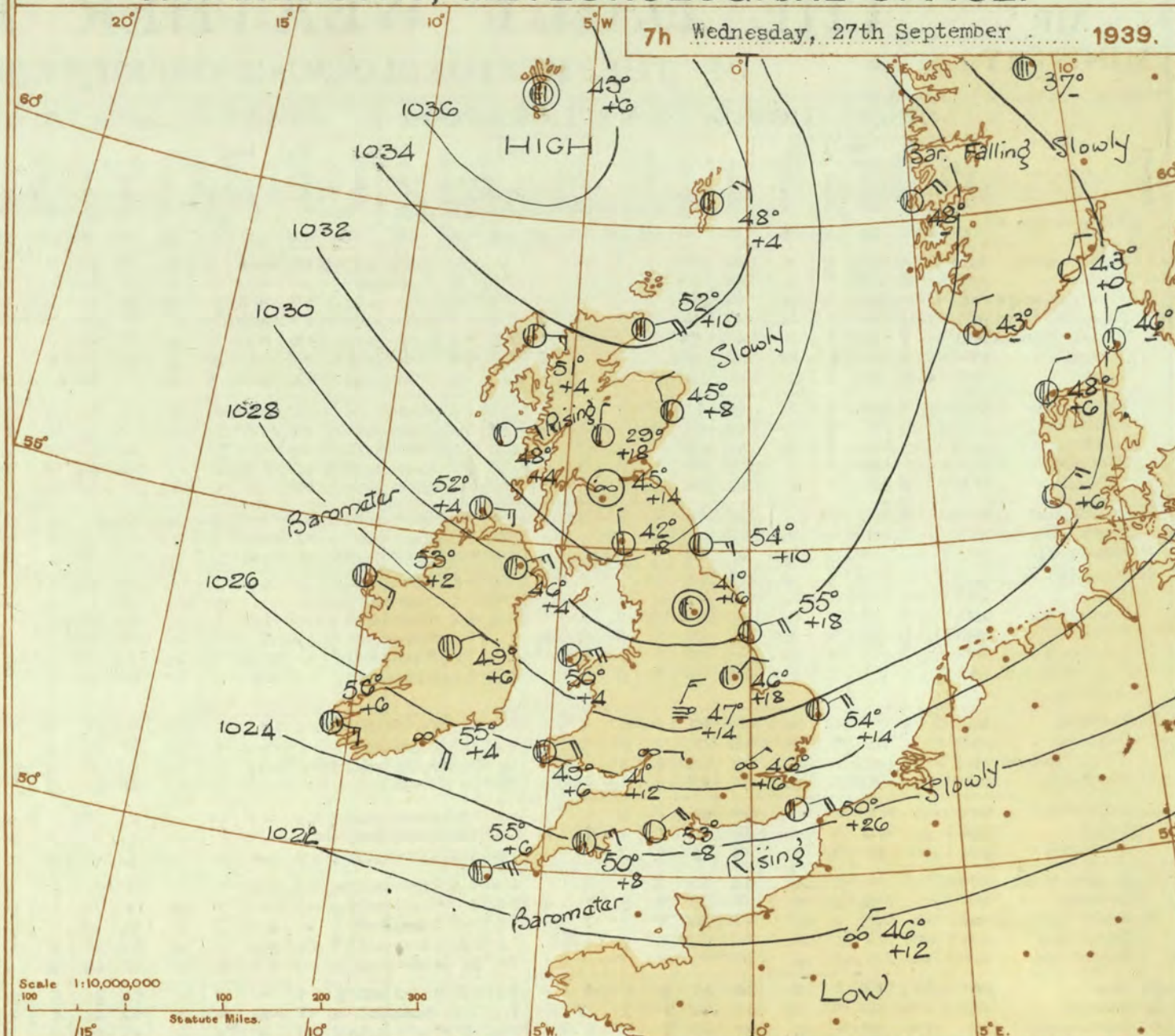
Wednesday, 27th September, 1939.  
No. 28433

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 26th September														OBSERVATIONS at 18h. G.M.T. 26th September														PAST 24 HOURS.																			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-12	Cloud.					State of Ground.	Sea.	WEATHER.																			
				Dirce.	Force					Form	Amount.		Height of Base (feet)										Form	Amount.		Height of Base (feet)						7h.-13h. 26th	13h.-18h. 26th	18h.-24h. 26th	1h.-7h. 27th														
											Low	Med.	High	0-10										Low	Med.	High	0-10																						
(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)...	1023.4	-10	N'E	2	c	60	45	7	8	-	-	9	9	4000	1023.4	+4	NNE	3	c	56	65	7	5	2	-	9	10	2500	0	*	bm, bccy	cyc	cmow	cmow														
	Croydon ...	1023.7	-8	NNE	2	c	59	65	7	8	-	-	7.8	7.8	4000	1023.6	0	NNE	2	z	55	65	6	5	-	-	9	9	2500	0	*	bm, bmbc	ccz	ylcbzbcnjo	bcn, w														
	S. Farnborough	1023.4	-12	NNE	2	bc	61	45	8	7	3	-	4.6	4.6	5700	1023.3	+4	NNE	3	z	56	55	6	5	3	-	4.6	7.8	5700	0	*	cz, dbc	bey, bcz	bcc, 0, w	cbcfem.														
	Boscombe Down	1023.5	-10	ENE	3	z	61	45	7	1	-	1	4.6	4.6	4000	1023.3	+6	NE/E	2	c	55	65	7	5	-	-	9	9	4000	0	*	bm, bcz	cmo	cmobcm.	bm, wbcn.														
	Calshot (Soton.)	1023.3	-8	NEW	4	c	63	45	7	7	-	-	7.8	7.8	2500	1022.7	+2	N'E	2	c	55	65	7	5	3	1	4.6	7.8	4000	0	*	bzobcy	bey, c	cybcm.	bm, w														
	Lympne	1023.0	-6	NNE	3	bc	59	55	8	7	-	5	2.3	4.6	2500	1022.5	+4	N	3	c	53	75	8	5	-	6	7.8	9	4000	0	§	bby	bey, c	bey, c	bey, c														
	Manston	1022.7	-6	N'E	3	c	57	75	7	5	3	-	9	9	5700	1022.4	+2	NW	3	z	56	75	6	5	3	-	1	9	2500	1	*	bcm, bz	cmo	cmo	cpobcc														
2	Shoeburyness	1023.0	-8	NNE	2	c	60	92	8	8	-	-	7.8	7.8	4000	"	+2	NNE	3	c	55	85	8	4	-	-	9	9	4000	0	*	bm, bcc	c	cbcc	cbcc														
	Felixstowe	1023.2	-2	N	4	c	60	65	7	8	3	-	9	9	1500	1022.6	+4	N'E	2	bc	54	75	8	8	-	3	2.3	2.3	4000	0	1	bm, c	cpr, c	cbcc	cbcc														
	Gorleston	1022.4	0	NNE	3	bc	56	65	7	2	3	-	4.6	4.6	2500	1022.4	+4	NNE	3	bc	56	65	7	2	-	-	4.6	4.6	2500	0	1	cpr, c	bc	bccprg	cprg														
	Mildenhall	1023.6	-2	NNE	2	c	58	75	7	8	3	-	7.8	9	2500	1023.4	+6	N'E	2	c	52	85	7	8	-	2	4.6	7.8	2500	1	*	cm, c	cbcc	cbcc	cbcc														
	Cranwell	1024.5	-2	NNW	2	c	55	65	8	8	-	-	9	9	2500	1024.3	+8	N	1	bc	51	75	8	5	4	4	1	2.3	4000	0	*	cm, c	c, b	cbcc	cbcc														
3	Birmingham	1024.6	-4	NNE	2	c	57	55	7	8	3	-	4.6	9	4000	1024.8	0	N	2	z	54	75	5	5	3	4	4.6	9	4000	0	*	fc	b	cbcc	cbcc														
	Upper Heyford	1024.2	-6	N'E	2	z	57	65	6	8	-	-	9	9	2500	1014.2	+2	NNE	2	c	52	75	7	5	3	5	7.8	9	4000	0	*	bm, bccz	bcc	cbcc	cbcc														
	Ross-on-Wye	1023.9	-10	NE	3	bc	62	45	8	7	-	-	4.6	4.6	4000	1024.0	0	ENE	2	z	53	75	5	5	-	-	9	9	2500	0	*	bcm, bccz	bcc	cbcc	cbcc														
4	Hartland Point	1023.3	-6	ENE	3	c	57	65	8	7	-	-	7.8	7.8	4000	1022.0	-6	E	3	c	58	55	8	-	-	7	0	9	-	0	2	c	cbcc	cbcc	cbcc														
	Bristol	1024.1	-10	NEE	2	z	59	55	6	7	-	-	7.8	7.8	4000	1022.6	+4	N'E	2	z	54	75	8	8	-	9	9	5700	0	*	bm, w	bey, c	cbcc	cbcc															
	Portland Bill	1023.5	-8	NE	3	bc	60	85	8	5	-	-	4.6	4.6	4000	1022.5	-10	NE	3	c	56	85	8	5	-	-	4.6	7.8	4000	1	3	cbcc	bcc	cbcc	cbcc														
	Plymouth	1023.0	-2	ENE	4	bc	59	55	7	8	4	6	1	4.6	4000	1022.4	+2	E	1	c	57	65	6	5	-	6	4	7.8	4000	0	2	cbcc	bey, bcc	cbcc	cbcc														
	The Lizard	1022.3	-8	ES	4	c	57	85	8	8	6	-	7.8	9	2500	1021.7	0	ES	4	bc	56	75	8	4	4	-	4.6	4.6	2500	0	2	c	cbcc	bcc	cbcc														
	Scilly (St. Mary's)	1022.3	-2	ES	4	bc	63	85	7	5	8	-	2.3	4.6	2500	1021.5	-4	ES	4	bc	57	85	7	8	6	3	2.3	4.6	2500	0	3	cbcc	bcc	cbcc	cbcc														
	Guernsey	1022.3	-2	ES	4	bc	63	85	7	5	8	-	2.3	4.6	2500	1021.5	-4	ES	4	bc	57	85	7	8	6	3	2.3	4.6	2500	0	3	cbcc	bcc	cbcc	cbcc														
6	Pembroke	1025.2	-2	-	0	bc	59	65	6	7	4	-	2.3	2.3	4000	1023.7	-2	NE/E	3	c	56	75	7	7	7	1	2.3	7.8	2500	0	1	bcz	bcc	bcc	bcc														
7	Holyhead	1025.1	-2	NNE	4	c	60	75	8	8	9	1	4.6	7.8	2500	1025.1	+4	ENE	4	c	57	75	8	5	3	1	7.8	9	2500	0	2	bcw	bcc	bcc	cbcc														
	Chester (Sealand)	1025.3	-2	NNE	1	z	59	65	6	5	-	-	9	9	4000	1025.4	+4	NNE	1	z	53	75	5	5	7	6	2.3	7.8	4000	0	*	cz	cz	c	cbcc														
8	Manchester	1025.5	-2	NEE	2	z	57	65	6	7	-	-	9	9	5700	1025.1	+4	NE	3	z	54	65	6	5	3	2	2.3	7.8	5700	0	*	cfac, m	cz, y	cz, cm.	cmowbc														
10	Spurn Head	1024.0	-2	NW	5	a	59	65	7	3	-	1	7.8	7.8	2500	1024.3	+2	N'E	4	c	55	75	7	8	9	5	4.6	7.8	2500	0	3	cpr, c	c, c	c	cbcc														
	Catterick	1025.5	0	NNE	2	bc	55	65	7	2	4	6	4.6	4.6	2500	1026.1	+6	NW	1	c	51	75	7	8	3	-	9	9	2500	1	*	cvc	bcc	c	cbcc														
	Tynemouth	1025.2	+4	N	5	bc	55	75	8	2	-	-	4.6	4.6	2500	1025.8	+6	H	5	c	55	85	8	2	-	-	7.8	7.8	2500	1	2	cbcc	bcc	c	cbcc														
11	St. Abbs Head	1027.4	+12	N	4	bc	53	75	8	2	4	1	4.6	4.6	2500	1027.6	+4	NNE	4	c	52	75	8	8	6	-	4.6	7.8	2500	0	3	it, bc	bcc	prebc	pr, rrc														
	Leuchars	1027.7	+2	ENE	3	c	58	55	8	8	7	6	4.6	9	4000	1029.0	+12	NNE	2	bc	50	75	8	8	-	6	2.3	4.6	4000	0	*	bccy	cycbc	cbcc	cbcc														
12	Renfrew (Abbots)	1027.5	+2	NE	3	c	60	65	9	8	3	5	7.8	7.8	2500	1028.5	*	E/H	3	c	53	65	7	5	7	-	4.6	9	2500	0	*	cu, m, cu	cvcy, c	cmow	cmow														
	Eskdalemuir	1026.4	+4	NE	3	bc	53	65	8	8	-	1	4.6	4.6	2500	1027.4	+6	NNE	3	bc	48	75	8	5	7	4	1	4.6	2500	1	*	cu, id, bc	bccbc	bcc	cbcc														
	Point of Ayre	1026.5	+10	EN	4	c	57	75	8	7	-	-	9	9	4000	1026.5	-4	ES	4	c	57	65	8	8	7	6	4	9	4000	0	3	c	c	c	cbcc														
13A	Tiree	1027.3	+4	SE/E	2	c	56	75	8	5	4	-	4.6	7.8	2500	1027.8	+4	-	0	c	52	85	8	5	7	-	4.6	9	2500	0	1	c	c	cbcc	cbcc														
13B	Stornoway	1030.0	+6	ESE	4	c	54	65	9	2	5	7	1	7.8	4000	1031.0	+8	NE	4	c	52	65	8	2	5	6	2.3	7.8	4000	0	2	c	c	cbcc	cbcc														
15	Dalwhinnie	"	+6	NE	4	c	51	65	8	4	2	-	4.6	10	4000	1030.8	+12	N	3	c	45	85	7	5	4	2	4.6	9	2500	0	*	cir	c	cbcc	cbcc														
	Aberdeen	1028.5	+12	N'E	3	bc	56	55	8	8	-	6	2.3	4.6	2500	1029.5	+14	N	2	bc	50	75	8	8	-	6	2.3	2.3	2500	1	2	cpr, bcy	bey, b	bccw	bccw														
	Wick	1029.9	+10	N'E	5	c	53	65	8	8	7	-	4.6	7.8	2500	1030.5	+8	NE	5	cpr	53	97	8	8	7	-	4.6	7.8	1500	1	3	c	bey, c	bcc	cbcc														
16	Lerwick	1030.5	+10	NE	6	c	52	65	8	8	3	-	4.6	7.8	1500	1031.9	+8	NE	6	bc	50	65	8	5	-	-	4.6	4.6	800	0	*	cpr, c	cbcc	bcc	cbcc														
17	Blacksod Point	1025.4	-6	ES	3	c	59	65	9	-	7	9	0	7.8	-	1025.0	+2	SE	3	c	58	75	8	-	7	-	0	10	-	0	2	c	c	c	cbcc														
18	Malin Head	1027.5	+4	NE	2	c	57	75	8	2	-	8	2.3	7.8	5700	1027																																	



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 27th September 1939.



## DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th September 1939.

1 S.E. England	Wind east to northeast, fresh or strong locally on coasts; local showers with bright intervals; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind east, moderate or fresh locally; fair; rather cold.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 1 - 5.
11 S.E. Scotland	Wind light or moderate, variable between north and east; fair; rather cold with frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	As 6 - 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.S.O. Press, Cornwall House, S.E.1. 6 476/3743 W. 0109 0 4426 G. 949 28500 9/39

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

## GENERAL INFERENCE.

A large anticyclone is centred over the Faeroes and pressure is relatively low over the Bay of Biscay and Central Europe. There will be easterly winds, fresh or strong on the coast. The weather will be mainly fair but there will be local showers in England especially in the East.

## FURTHER OUTLOOK.

Little change.

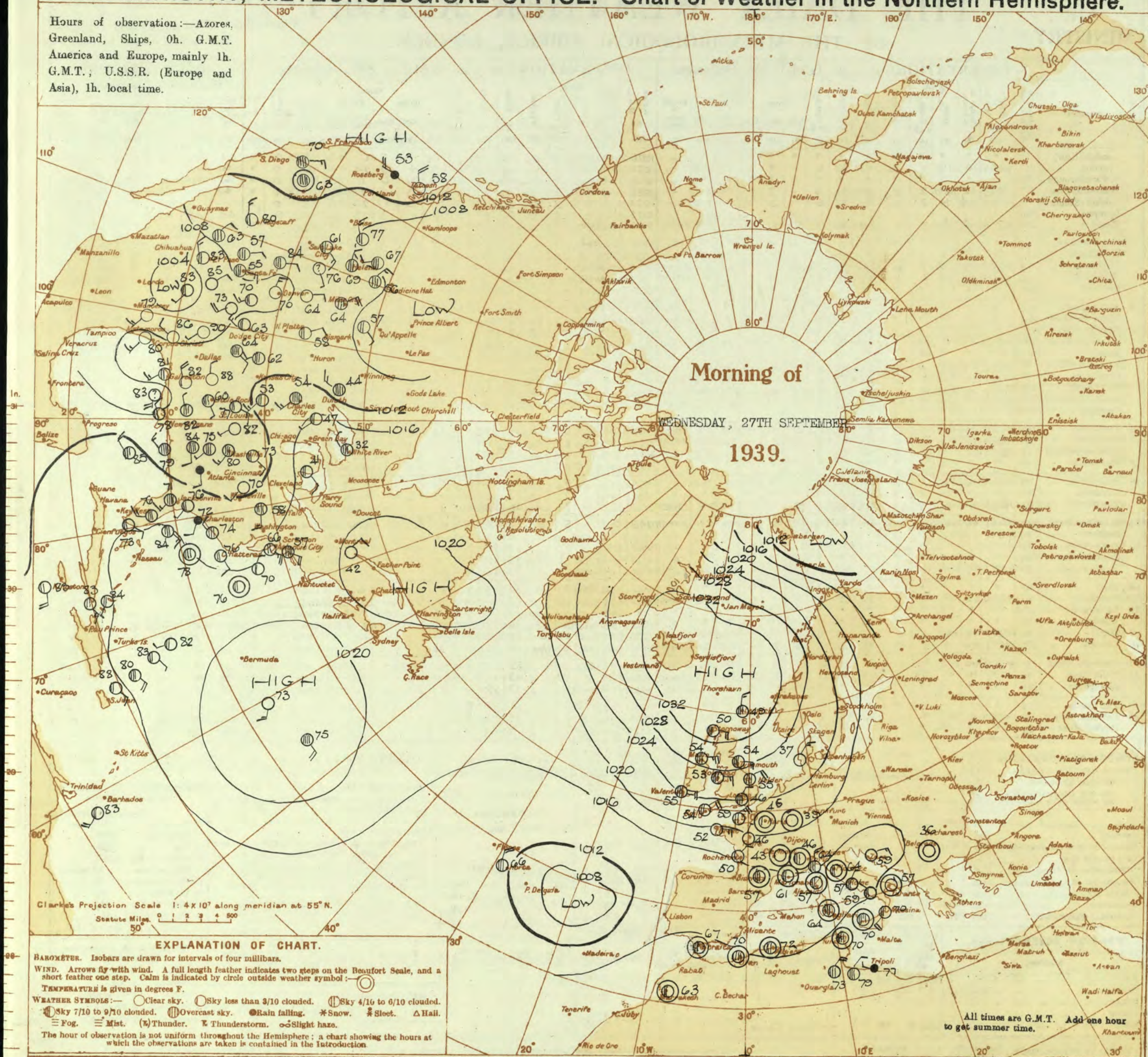
Forecasts issued at 0930 G.M.T.

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



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

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





LONDON OBSERVATIONS.												Height above M.S.L. in feet.		Weather.			Temperature.			Rainfall.		Sunshine.		Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.		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 °F.	Day.	Night.	to Sunset. hrs.	15h. G.M.T. %	9h. G.M.T. %	Viability 0h.																										
												24 hrs. ended 9h.			°F.	°F.		mm.	mm.	Yesterday.		To-day.		24 hrs. ended 7h. G.M.T. .... 27th																											
Kew ... ..	18	bmo	bcy	cmow	cmow	61	46	33	-	-	5.2	.	.	6	SOUTH KENSINGTON.				The barometric tendency is expressed in tenths of a millibar.				COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.				COLUMNS 8, 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.																								
CROYDON ... ..	217	bmbc	czol	bcaz	bcmow	61	42	.	-	-	.	.	.	6	Max. Time. Min. Time.																																				
GREENWICH (Royal Observatory)...	149	bbe	cy	bucc	bc	61	46	37	-	Tr	5.1	53	78	6	KEW OBSERVATORY.				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.																																
CITY (Sunhill Row) ... ..		.	.	.	.	.	.	.	.	.	.	.	.	.	Max. Time. Min. Time.				The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																
WESTMINSTER (St. James' Park) ...	27	.	.	.	.	63	49	45	-	-	.	54	81	.	Max. Time. Min. Time.				The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																
REGENTS PK. (Botanic Gardens)...	168	.	.	.	.	64	47	38	-	Tr	.	55	86	.	Max. Time. Min. Time.				The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																
CAMDEN SQUARE ... ..	110	b	c	.	.	63	47	42	-	Tr	.	.	78	.	Max. Time. Min. Time.				The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																
KENSINGTON ... ..	80	bc	c	.	.	63	48	41	Tr	-	.	At 18h 65	75	.	Max. Time. Min. Time.				The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																
HAMPSTEAD OBSERVATORY ... ..	450	bc	bc	bcp	.	59	47	46	Tr	-	.	88	.	.	Max. Time. Min. Time.				The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																
FOREIGN OBSERVATIONS.												18h. G.M.T. .... 26th September										7h. G.M.T. .... 27th 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 ... ..												1020.5	NE	4	bc	57	1021.9	NE	2	F	16	64	45	-	-																										
BRUSSELS ... ..																																																			
BERLIN ... ..																																																			
ZÜRICH ... ..																																																			
ROME ... ..												1015.8	SE	2	b	72																																			
																						COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.										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.										COLUMNS 8, 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.									
																						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.																													

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

§ Sea disturbance reported from Dungeness.



Thursday, 28th September, 1939.  
No. 28434.

DISTRICT.	STATIONS.  (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 27th September														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	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.					Sea. 0-9	WEATHER.										
				Dirce.	Force 0-12					Low	Med.	High	Total 0-10	Height of Base (feet)			Form.	Amount.					Low 0-10	Total 0-10	Height of Base (feet)	Form.	Amount.		Height of Base (feet)	State of Ground.	0-9	7h.—13h. 27th	13h.—18h. 27th	18h.—to 1h. 28th	1h.—7h. 28th				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1	London (Kew)...	1028.2	0	E/N	3	c	56	55	8	8	7	-	7-8	9	25.00	1028.2	+2	E/N	4	bc	51	65	8	4	-	2-3	2-3	2600	0	*	aprgcy	cqczbz	bcbbe	bccm					
	Croydon ...	1027.7	0	E/N	4	bc	56	55	8	2	-	-	4-G	4-G	4.00	1028.0	+2	NE	4	bc	50	65	6	4	-	1	1	4000	0	*	benyprbc	bcpr	bcprg	ebcmw					
	S. Farnborough ...	1027.7	+2	N/E	4	c/pr	55	55	7	8	2	-	4-G	*	4.00	1027.8	+2	N/E	4	bc	52	65	7	8	-	1	1	4000	0	*	*	cpgrjb	beidbw	cbcfcm					
	Boscombe Down ...	1027.0	+2	N/E	4	bc	57	55	7	2	3	-	4-G	4-G	25.00	1027.6	+2	E/N	4	bc	51	65	7	5	-	4-6	4-6	2800	0	*	bcjpbz	bcjbbz	bcmw						
	Calshot (Soton.) ...	1026.2	+2	E/N	5	bc	60	65	8	1	4	-	4-G	4-G	25.00	1026.9	+2	NE	4	bc	53	66	8	7	-	1	1	4000	0	3	bc	bcyb	bcbcm						
	Lympe ...	1027.7	+2	E/N	5	bc	52	45	9	1	-	-	4-G	4-G	25.00	1027.4	+2	N/E	3	clpr	48	85	8	8	-	7-8	7-8	1800	0	\$	bcvy	bcvycp	cpobcy						
	Manston ...	1027.9	-2	E/N	4	c	55	55	8	5	3	-	7-8	9	25.00	1027.8	+2	NNE	4	pr	51	75	7	8	-	7-8	7-8	1600	0	*	cbcc	cpmo	bcc						
2	Shoeburyness ...	1028.7	+8	N/E	5	c/pr	59	55	8	2	-	-	3	9	15.00	1028.1	0	N/E	4	bc	51	75	8	7	-	4-6	4-6	4000	1	*	cbepcy	cypbc	bcqPR						
	Felixstowe ...	1029.1	+2	E/N	5	bc	57	65	7	8	-	-	4-G	4-G	25.00	1028.0	-2	E/N	4	c	54	55	8	8	-	9	9	2500	1	4	cpgrjb	cpgrbc	bcga						
	Gorleston ...	1029.1	+2	E/N	5	bc	57	65	7	8	-	-	4-G	4-G	25.00	1029.2	-2	N/E	4	clr	53	75	7	8	-	7-8	7-8	2500	1	3	cpgrbc	cpgrbc	cy						
	Mildenhall ...	1029.1	+2	E/N	5	bc	57	65	7	8	-	-	4-G	4-G	25.00	1029.4	+G	NE	2	bc	48	85	8	8	-	2-3	2-3	2500	0	*	cbcc	bcbbz	cbcc						
	Cranwell ...	1030.1	+2	E/N	4	bc	58	55	8	2	6	-	4-G	4-G	25.00	1030.4	+4	ENE	2	bc	50	75	8	4	G	-	2-3	2-3	4000	0	*	bbey	bcybc	b					
3	Birmingham ...	1029.3	0	E/N	4	bc	57	45	7	8	6	-	4-G	4-G	25.00	1029.5	+2	ENE	3	b	52	55	6	4	-	1	1	4000	0	*	pabc	bcb	b						
	Upper Heyford ...	1028.8	-2	E/N	4	bc	55	65	8	2	6	-	2-3	7-8	4.00	1028.8	+2	ENE	2	bc	50	75	8	5	-	4-6	4-6	4000	0	*	bmprbc	bc	b						
4	Ross-on-Wye ...	1027.9	0	E/N	4	bc	57	45	8	7	-	-	4-G	4-G	4.00	1027.9	0	NE	2	bc	52	65	8	4	-	2-3	2-3	2500	0	*	bcnybbz	bey	bbw						
5	Hartland Point ...	1025.1	+4	E	4	c	56	55	8	2	G	-	4-G	7-8	25.00	1025.4	+8	E	5	c	55	55	8	8	-	4-6	7-8	1500	0	3	bc	cbby	bc						
	Bristol ...	1027.6	+2	E	4	bc	58	55	8	3	3	-	2-3	4	25.00	1027.6	+2	E	5	bc	53	65	8	8	-	2-3	2-3	4000	0	*	enmybc	bcybbz	bc						
	Portland Bill ...	1024.3	+4	E	5	c	55	85	8	2	4	-	4-G	3	4.00	1025.0	+4	E	6	bc	56	75	8	5	-	7-8	3	4000	0	5	bce	bc	bc						
	Plymouth ...	1024.8	+6	E	4	bc	59	55	8	4	-	-	2-3	4-G	25.00	1025.0	+2	E	6	bc	56	65	8	1	4	5	1	2500	0	2	baebey	bcyb	bzlsbc						
	The Lizard ...	1023.3	0	E	4	bc	60	75	8	8	G	-	4-G	4-G	25.00	1023.4	0	E	7	bc	58	75	8	8	3	4-6	4-6	2500	0	4	bc	bc	bc						
	Scilly (St. Mary's) ...	1023.2	-4	E	4	bc	61	85	7	8	7	3	2-3	7-8	25.00	1022.8	-2	E	5	bc	56	85	8	4	4	3	Tr	4-6	2500	0	4	c	bcebc	bc					
6	Pembroke ...	1027.0	+8	E/S	6	bcq	59	65	7	2	G	-	4-G	4-G	25.00	1026.8	0	E'S	4	bc	56	65	8	4	7	-	2-3	4-6	2500	0	2	cbey	bc	bcb					
7	Holyhead ...	1029.4	0	E/N	5	bc	58	55	8	7	-	-	2-3	2-3	25.00	1028.9	+2	E/N	4	bc	55	65	7	7	-	1	1	2-3	4000	0	2	bcwy	bcyb	b					
	Chester (Sealand) ...	1030.1	-2	E	3	bc	59	55	7	8	-	-	4-G	4-G	4.00	1030.0	+2	E	2	b	63	55	7	5	4	-	1	1	1500	1	*	benybc	bcybc	bmw					
8	Manchester ...	1030.5	-2	E/N	4	bc	59	45	7	1	-	-	2-3	2-3	4.00	1030.4	+2	E/N	4	b	53	55	5	1	-	Tr	Tr	4000	0	*	benybc	bcybc	bmw						
10	Spurn Head ...	1031.5	+4	E/N	4	bc	59	45	8	1	4	-	2-3	4-G	4.00	1031.1	0	NE	2	bc	52	65	8	7	4	-	2-3	2-3	2800	0	2	bc	bcyb	bcc					
	Catterick ...	1032.0	-4	E	3	bc	59	55	8	1	-	-	4-G	4-G	25.00	1031.7	0	-	0	b	48	75	8	1	-	1	1	4000	1	*	baebey	bc	bcc						
	Tynemouth ...	1032.0	+4	E	3	bc	58	75	8	2	-	-	4-G	4-G	25.00	1032.1	-4	NE	3	bc	53	75	8	2	-	-	2-3	2-3	2500	1	2	bcybc	bc	bcc					
11	St. Abbs Head... ..	1033.0	+2	E/N	1	c	55	65	9	2	3	-	4-G	7-8	15.00	1032.0	-2	NE	2	bc	51	65	9	1	4	-	1	2-3	2500	0	1	bcc	bc	bcc					
	Leuchars ...	1032.8	-2	E/N	3	bc	56	65	8	5	G	-	2-3	4-G	4.00	1033.1	-2	E	2	b	51	75	9	7	-	Tr	Tr	5700	0	*	cpgebc	cbby	bcc						
12	Renfrew (Abbots) ...	1032.3	-2	E/N	2	c	56	75	8	5	-	-	3	9	25.00	1032.3	-2	ENE	2	bc	51	85	7	5	3	-	4-6	4-6	2500	0	*	enmybc	bcybbz	bcc					
	Eskdalemuir ...	1032.3	0	E/N	3	c	55	65	8	8	-	-	7-8	7-8	25.00	103.3	0	NE	1	bc	49	75	8	5	-	4-6	4-6	2500	1	*	bcwy	bc	bcc						
	Point of Ayre ...	1016.0	0	SE	4	b	62	55	8	1	-	-	Tr	Tr	25.00	1030.6	-4	SE	4	bc	57	63	8	2	-	5	1	2-3	4000	0	2	bcb	bcb	bcb					
13A	Tiree ...	1031.8	0	SE	4	bc	58	65	8	1	-	-	2-3	2-3	4.00	1031.2	0	SE	1	bc	51	85	8	5	-	5	1	2-3	4000	0	1	bc	bc	bcb					
13B	Stornoway ...	1033.6	0	E	3	b	56	65	9	1	-	-	1	1	4.00	1032.7	-6	-	0	b	53	65	9	1	-	Tr	Tr	4000	0	0	b	b	bcb						
15	Dalwhinnie ...	1033.9	-6	NE	2	c	57	55	8	5	G	-	4-G	7-8	4.00	1033.5	-6	S	2	bc	42	85	8	4	G	-	1	2-3	4000	0	*	bc	bc	bcb					
	Aberdeen ...	1034.2	-2	NE	1	c	55	65	8	8	-	-	7-8	7-8	4.00	1033.1	-6	NNE	1	b	50	75	8	4	-	1	1	4000	0	1	bbee	cbcb	bcb						
	Wick ...	1034.6	0	ENE	3	bc	54	65	8	5	7	1	2-3	4-G	25.00	1033.2	-6	NE	3	bc	51	75	8	4	4	-	2-3	2-3	2500	1	2	cbe	bc	bcb					
16	Lerwick ...	1034.5	-2	NE	3	c	50	65	8	5	7	-	7-8	9	15.00	1033.5	-4	NW	3	c	47	65	8	5	7	-	7-8	9	1500	0	*	c	c	c					
17	Blacksod Point... ..	1027.1	-6	SE	4	bcjp	61	65	8	2	-	4	4-G	4-G	25.00	1026.6	-2	E'S	4	bc	57	65	8	2	5	3	2-3	4-6	2800	0	3	bc	bc	b					
18	Malin Head ...	1031.1	0	E	4	bc	57	65	8	1	5	-	2-3	4-G	5700	1030.8	+4	E	3	b	54	65	8	1	-	Tr	Tr	5700	0	2	cbcc	cbeybc	bcb						
	Aldergrove ...	1031.1	+2	ESE	4	c	60	55	8	1	-	-	7-8	7-8	25.00	1030.4	-2	E/N	3	b	51	75	8	5	-	Tr	Tr	4000	1	*	benybc	bcyb	bccmw						
19	Birr Castle ...	1027.1	-2	SE	3	c	57	65	8	4	3	8	4-G	7-8	15.00	1026.9	0	SE	2	bc	56	65	8	-	4	1	0	2-3	-	0	c	bc	bcb						
20	Valentia Obsy.†	1024.3	-2	ESE	5	bc	58	65	8	7	3	-	4-G	4-G	4.00	1023.8	0	SE	4	bc	56	65	8	7	3	1	2-3	2-3	4000	0	2	cbe	bcyb	bcc					
	Roches Point ...	1025.9	0	SE	5	bc	57	65	9	2	3	-	2-3	4-G	25.00	1025.2	-4	SE	6	c	58	75	8	8	-	7-8	7-8	1500	0	4	cghc	bcc	bcc						

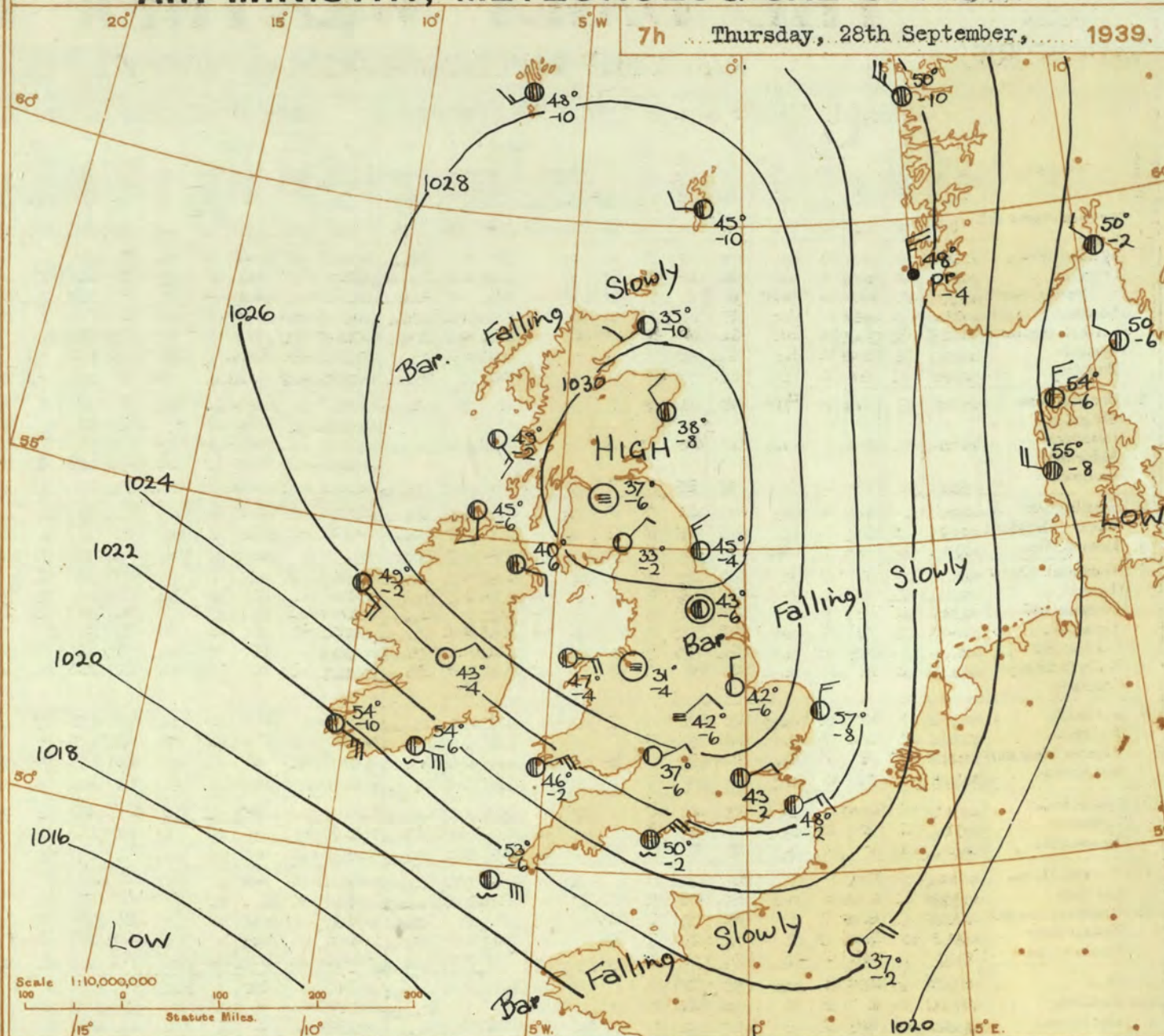
COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.		COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.		COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.	
b, blue sky (not more than a quarter covered with cloud).	q, squalls. r, rain. s, snow.	0 No low clouds.		0 No medium clouds.		0 No cirriform cloud.	
bc, sky partly cloudy (one half covered). c, generally cloudy.	rs, sleet. t, thunder.	1 Fair weather Cu.		1 Typical As (thin).		1 Fine Ci not increasing: sparse.	
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 Fine Ci not increasing: abundant but not a continuous layer.	
f, fog, visibility 220-1100 yds.	v, unusual visibility. w, dew.	3 Cb.		3 Single layer of Ac or high Sc.		3 Anvil Ci (usually dense).	
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 Fine Ci increasing: usually in tufts.	
fs, 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 Ci or Cs increasing: still below 45° altitude: often in polar bands.	
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 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.	
m, m.st, visibility 1100-2200 yds.	Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r <sub>o</sub> , slight rain.	7 Fair weather Cu and Sc.		7 Ac associated with As or As with parts resembling Ac.		7 Veil of Cs covering whole sky.	
b, hail. i, intermittent.	rr, continuous rain.	8 Large-Cu (or Cb) and Sc.		8 Ac Castellatus (or Ac in ragged fragments).		8 Cs not increasing and not covering whole sky.	
jp, fog at a distance, but not at station.	<, less than (for cloud height). ☉gale.	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 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).	
ks, storm of drifting snow.	⊕ Solar halo. ☾lunar halo. ☽Aurora.						
k/s, slight storm of drifting snow (generally low).	With present weather is combined, whenever possible, the general character of the weather.						
k/S, heavy 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.						
s <sub>o</sub> /k, slight storm of drifting snow (generally high).							
S/k, heavy storm of drifting snow (generally high).							
KQ, line squall. l, lightning.							
o, overcast sky. p, passing showers.							

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



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 28th September, 1939.



## DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th September, 1939.

1 S.E. England	Wind light or moderate easterly; fair or fine; average day temperature but ground frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east, fresh or strong locally; fine; rather cold.
6 South Wales ...	
7 North Wales ...	Wind light and variable; fine but fog locally at night; average day temperature but frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	As 1 - 4.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An anticyclone is centred over Scotland. The weather will be fair or fine in all districts with frost at night except in Southern England and Southern Ireland where there will be fresh easterly winds.

## FURTHER OUTLOOK.

Fair becoming warmer by day.

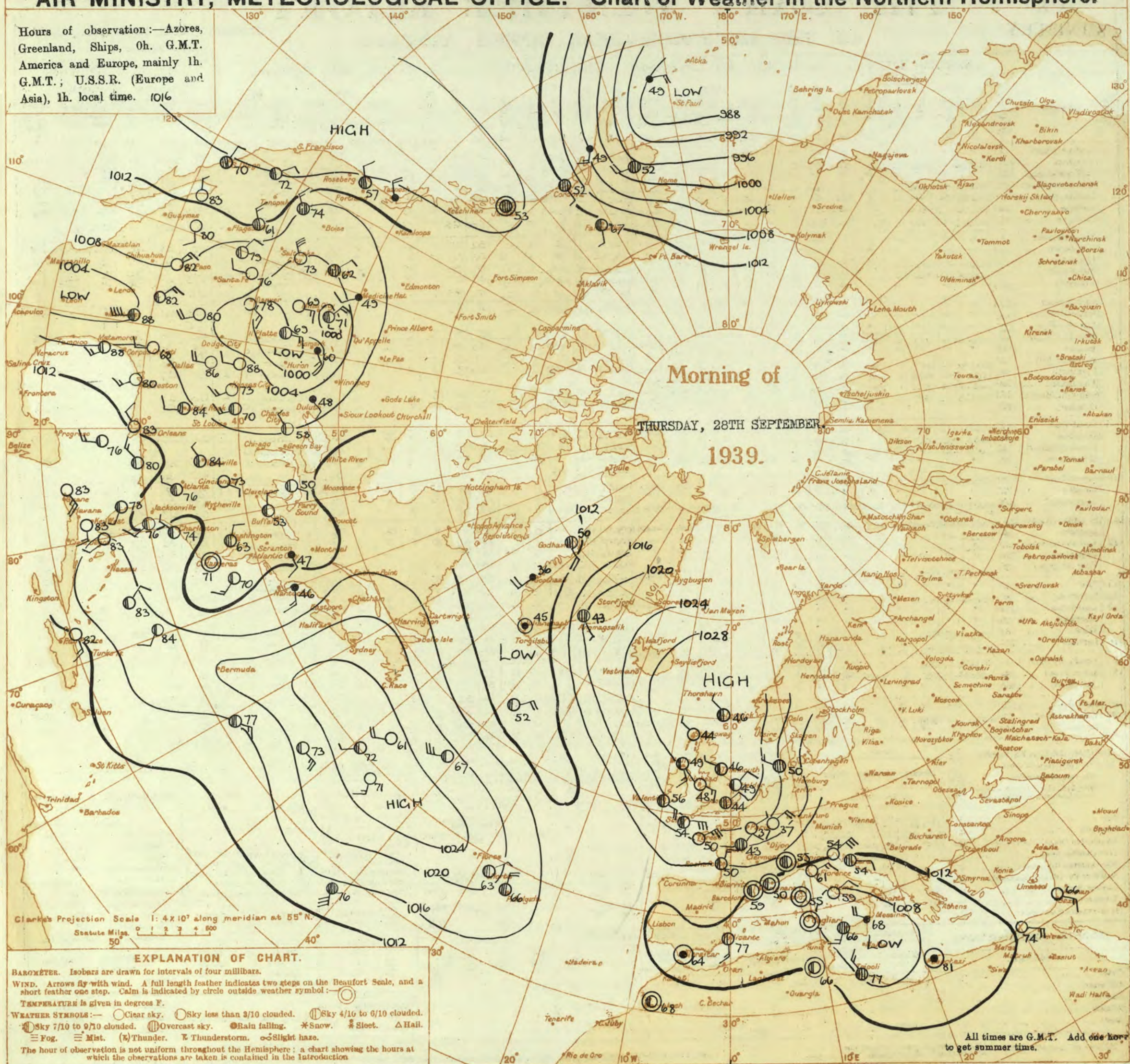
Forecasts issued at 1000 G.M.T.

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



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

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time. 1016





AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday, 28th September, 1939.

No. 28434

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. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	°C. (7)	Humid. % (8)	Visibility. 0-9 (9)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	°C. (21)	Humid. % (22)	Visibility. 0-9 (23)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN-SHINE 27th Hrs. (36)				
					Direc. (3)	Force. 0-12 (4)						Form. (10)	Amount. (11)	Height of Base. (feet) (14)			Direc. (17)	Force. 0-12 (18)						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 (23)
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1027.1	-2	NE	2	bc	47	75	5	5	-	-	9	3	2500	0	*	57	44	30	0.1	-	3.5			
	Croydon ...	217	1028.2	-4	NE	2	bc	44	32	6	5	3	-	4-6	9	2500	1027.4	-2	NE	2	bc	43	97	6	5	3	-	9	3	4000	1	46	40	0.1	-	0.3		
	S. Farnborough ...	226	1028.2	-4	NE	2	bc	44	32	6	5	3	-	4-6	9	2500	1027.4	-2	NE	2	bc	35	97	6	5	3	-	9	3	4000	1	53	33	30	-	-	7.2	
	Boscombe Down ...	417	1028.2	-4	NE	2	bc	42	85	6	5	3	-	4-6	9	2500	1026.9	+2	NE	2	bc	41	97	6	5	3	-	9	3	4000	1	53	41	37	-	-	7.7	
	Calshot (Sthmtn.) ...	8	1027.6	+2	NE	3	bc	46	85	5	-	3	-	0	1	-	1026.2	0	NE	3	bc	44	75	6	5	4	-	-	7	7	4000	0	61	42	40	-	-	8.9
	Lymington ...	346	1027.9	+2	NE	4	bc	48	55	8	8	-	-	7-8	7-8	4000	1026.7	-2	NE	3	bc	48	65	9	5	-	-	7-8	7-8	4000	0	56	43	39	-	-	8.9	
	Manston ...	154	1028.2	-2	NE	3	bc	51	55	7	5	-	-	9	9	2500	1026.8	-2	NE	3	bc	50	65	7	5	-	-	7-8	7-8	4000	0	57	48	0.2	0.1	-	-	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1027.1	-2	NE	4	bc	52	75	9	4	-	-	9	3	4000	0	*	59	48	43	0.4	0.6	4.8			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1027.4	-4	NE	4	bc	53	55	8	4	-	-	7-8	7-8	2500	0	2	58	50	46	0.1	0.5	5.2			
	Gorleston ...	5	1029.1	-2	NE	3	bc	52	75	7	8	-	-	7-8	7-8	2500	1026.6	-8	NE	3	bc	57	55	7	5	-	-	7-8	7-8	2500	0	57	52	50	2	2	*	
	Mildenhall ...	19	1029.4	-6	NE	2	bc	37	27	7	7	3	-	1	9	4000	1028.0	-2	NE	1	bc	39	97	7	5	-	-	9	9	4000	1	59	35	28	-	-	5.9	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1028.8	-6	NE	1	bc	42	85	6	5	4	-	-	1	1	2500	0	*	60	37	-	-	-	-		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1028.6	-6	NE	2	bc	42	85	2	-	-	-	0	0	-	0	*	58	41	25	7	-	6.8			
4	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1028.6	-6	NE	2	bc	42	85	2	-	-	-	0	0	-	0	*	58	41	25	7	-	6.8			
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1027.9	-6	NE	1	bc	37	97	6	5	-	-	7	7	2500	0	*	60	35	27	-	-	9.4			
5	Hartland Point ...	209	1026.0	-4	NE	4	bc	47	75	8	2	-	-	2-3	2-3	2500	1024.9	-2	NE	4	bc	45	75	8	2	4	-	2-3	2-3	2500	0	58	45	43	-	-	6.6	
	Bristol ...	209	1026.0	-4	NE	4	bc	47	75	8	2	-	-	2-3	2-3	2500	1024.9	-2	NE	4	bc	45	75	8	2	4	-	2-3	2-3	2500	0	58	45	43	-	-	6.6	
	Portland Bill ...	32	1025.5	+2	NE	5	bc	50	85	8	5	-	-	10	10	4000	1023.8	-2	NE	5	bc	50	85	8	5	5	-	7	7	4000	0	60	40	29	-	-	8.5	
	Plymouth ...	82	1025.1	-4	NE	3	bc	50	75	8	5	-	-	4-6	4-6	4000	1023.8	-2	NE	5	bc	50	85	8	5	-	-	10	10	4000	1	57	47	-	-	-	*	
	The Lizard ...	240	1022.4	-4	NE	7	bc	54	65	8	8	-	-	4-6	4-6	4000	1022.0	-6	NE	7	bc	53	65	8	8	6	-	7-8	7-8	2500	0	60	47	-	-	-	8.1	
	Scilly (St. Mary's) ...	163	1022.8	-2	NE	6	bc	54	85	8	2	-	-	2-3	2-3	2500	1020.9	-6	NE	6	bc	53	85	8	8	-	-	7-8	7-8	2500	0	62	52	-	-	-	4.9	
	Guernsey ...	175	1022.8	-2	NE	6	bc	54	85	8	2	-	-	2-3	2-3	2500	1020.9	-6	NE	6	bc	53	85	8	8	-	-	7-8	7-8	2500	0	62	52	-	-	-	4.9	
6	Pembroke ...	142	1027.0	+2	NE	4	bc	46	85	7	7	-	-	1	1	2500	1026.2	-2	NE	5	bc	46	85	8	8	6	-	4-6	7-8	2500	1	2	60	44	-	-	6.9	
7	Holyhead ...	26	1030.1	+2	NE	3	bc	48	85	7	-	-	-	0	0	-	1028.5	-4	NE	4	bc	47	85	9	3	-	-	2-3	2-3	2500	0	2	60	44	-	-	6.9	
8	Chester (Sealand) ...	16	1031.3	0	NE	3	bc	35	97	6	-	-	-	0	0	-	1029.4	-4	NE	3	bc	31	97	1	-	-	-	10	10	1500	0	2	60	29	29	-	8.3	
	Manchester ...	70	1031.3	0	NE	3	bc	35	97	6	-	-	-	0	0	-	1029.4	-4	NE	3	bc	31	97	1	-	-	-	10	10	1500	0	2	60	34	26	-	7.0	
10	Spurn Head ...	29	1030.7	-4	NE	2	bc	49	75	8	5	-	-	2-3	2-3	4000	1029.5	-4	NE	1	bc	52	85	8	8	4	-	7-8	9	2500	0	1	59	48	-	-	10.0	
	Catterick ...	175	1030.7	-4	NE	2	bc	49	75	8	5	-	-	2-3	2-3	4000	1029.5	-4	NE	1	bc	52	85	8	8	4	-	7-8	9	2500	0	1	59	48	-	-	10.0	
	Tynemouth ...	108	1031.7	-2	WNW	2	bc	46	85	6	2	-	-	2-3	2-3	2500	1030.2	-4	WNW	3	bc	45	92	6	8	-	-	7-8	7-8	1500	1	1	58	37	32	-	-	10.2
11	St. Abbs Head ...	280	1032.1	-4	WNW	1	bc	49	75	9	1	3	-	1	2-3	4000	1030.0	-22	WNW	2	bc	49	85	8	5	4	-	9	9	2500	0	1	58	47	-	-	*	
	Leuchars ...	36	1032.4	-8	W	1	bc	43	92	7	5	-	-	9	9	4000	1030.3	-6	W	1	bc	39	97	9	5	3	-	7	7	4000	0	1	58	39	29	0.1	-	4.8
12	Renfrew (Abbots L.) ...	19	1032.8	+2	W	1	bc	35	97	6	-	-	-	0	0	-	1031.0	-6	W	1	bc	37	97	1	-	-	-	10	10	1500	0	*	56	34	30	-	-	2.9
	Eskdalemuir ...	794	1031.2	+2	SSE	4	bc	53	75	8	1	-	-	7-8	7-8	4000	1029.2	-4	SSE	3	bc	51	75	8	2	-	-	4-6	4-6	4000	0	2	58	32	25	-	-	6.7
	Point of Ayre ...	30	1031.2	+2	SSE	4	bc	53	75	8	1	-	-	7-8	7-8	4000	1029.2	-4	SSE	3	bc	51	75	8	2	-	-	4-6	4-6	4000	0	2	62	49	-	-	10.1	
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1028.9	-2	SE	3	bc	49	85	8	1	3	5	-	-	0	0	-	0	3	59	46	37	-	-	10.8	
13B	Stormway ...	80	1031.4	-8	NW	1	bc	44	92	7	-	-	-	0	0	-	1029.3	-8	NW	1	bc	46	92	8	5	4	-	4-6	4-6	4000	1	0	58	46	37	-	-	10.8
15	Dalwhinnie ...	1176	1032.1	-8	NW	1	bc	35	97	8	5	-	-	1	1	2500	1029.8	-10	NW	2	bc	38	97	6	5	-	-	7-8	7-8	4000	0	1	57	36	33	-	-	7.2
	Aberdeen ...	79	1032.1	-8	NW	1	bc	35	97	8	5	-	-	1	1	2500	1029.8	-10	NW	2	bc	38	97	6	5	-	-	7-8	7-8	4000	0	1	57	36	33	-	-	7.2
	Wick ...	81	1032.1	-8	NW	1	bc	35	97	8	5	-	-	1	1	2500	1029.8	-10	NW	2	bc	38	97	6	5	-	-	7-8	7-8	4000	0	1	57	36	33	-	-	7.2
16	Lerwick ...	166	1031.8	-8	NW	2	bc	46	75	8	5	7	-	7-8	9	1500	1029.4	-10	W	2	bc	45	75	8	5	4	-	7-8	7-8	1500	0	1	59	45	-	-	0.0	
17	Blacksod Point ...	18	1026.8	+4	SE	3	bc	51																														



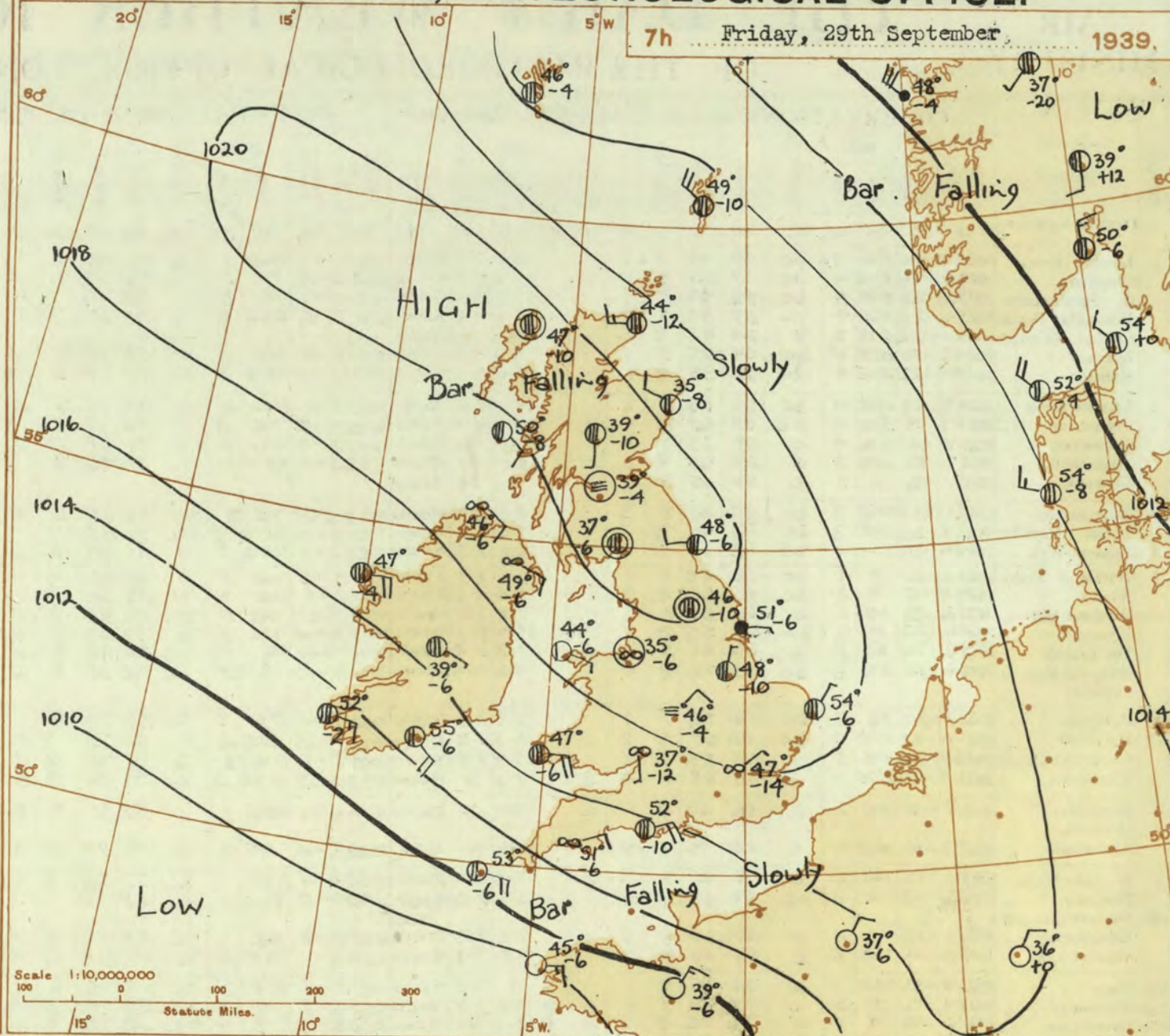
AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Friday, 29th September, 1939.  
No. 28435.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 28th September.														OBSERVATIONS at 18h. G.M.T. 28th September.														PAST 24 HOURS.							
		Barom. M.S.L. (mb.)	Change in 3 hours.	Wind. Dirce. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-6	Cloud.					Barom. M.S.L. (mb.)	Change in 3 hours.	Wind. Dirce. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-6	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.									
									Form.	Amount.	Height of Base (feet)	Form.	Amount.								Height of Base (feet)	7h.—13h. 28th.	13h.—18h. 28th.	18h. 28th to 1h. 29th.	1h.—7h. 29th.												
																												Low	Med.	High.	Low	Med.	High.				
																																		Low	Med.	High.	Low
(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)...	1024.1	-24	ENE	4	bc	56	45	8	7	-	-	4-6	4-6	2500	1024.9	-6	ENE	3	bc	54	55	6	-	3	-	0	2-3	-	0	*	bczbcy	bczcy	bczbcy	bczbcy		
	Croydon ...	1024.4	-26	ENE	4	bc	57	55	8	1	-	-	4-6	4-6	4000	1022.4	-10	NE	2	bc	52	75	6	4	-	-	0	0	0	0	*	cm, bc	bczcy	bczbcy	bczbcy		
	S. Farnborough	1023.7	-22	E'N	4	bc	59	45	7	4	-	-	4-6	4-6	4000	1021.6	-6	E	3	bc	53	45	7	-	-	0	0	0	0	0	*	cm, bc	bczcy	bczbcy	bczbcy		
	Boscombe Down	1023.1	-26	E'N	4	bc	57	45	7	7	-	-	4-6	4-6	2500	1021.2	-2	ENE	3	bc	51	65	7	-	-	0	0	0	0	0	*	bczbcy	bczcy	bczbcy	bczbcy		
	Calshot (Soton.)	1023.0	-22	ENE	5	bc	54	55	8	1	-	-	4-6	4-6	4000	1021.2	-8	NE	3	bc	49	75	9	4	-	-	2-3	2-3	2500	0	0	*	bczbcy	bczcy	bczbcy	bczbcy	
	Lymington	1024.2	-18	NE	5	bc	54	55	8	1	-	-	4-6	4-6	2500	1021.6	-10	NE	3	bc	54	65	8	5	-	-	4-6	4-6	2500	0	0	*	bczbcy	bczcy	bczbcy	bczbcy	
	Manston	1024.4	-22	ENE	4	bc	56	55	8	1	-	-	4-6	4-6	4000	1021.6	-10	NE	3	bc	54	65	8	5	-	-	4-6	4-6	2500	0	0	*	bczbcy	bczcy	bczbcy	bczbcy	
2	Shoeburyness ...	1024.8	-18	ENE	4	bc	59	65	9	1	-	-	4-6	4-6	2500	1022.3	-10	NNE	4	c	54	75	9	4	-	-	7-8	7-8	4000	0	0	*	cbc	bczcy	bczbcy	bczbcy	
	Felixstowe ...	1025.4	-18	ENE	4	bc	58	65	8	1	3	-	4-6	4-6	2500	1022.7	-8	NE	3	c	54	75	8	7	-	-	9+	9+	2500	0	2	*	bczbcy	bczcy	bczbcy	bczbcy	
	Gorleston ...	1025.5	-16	NNE	4	c	59	65	8	5	-	-	9+	9+	2500	1022.8	-8	NW	4	c	53	85	7	6	3	-	10	10	2500	0	2	*	bczbcy	bczcy	bczbcy	bczbcy	
	Mildenhall ...	1025.2	-18	NNE	3	c	57	55	8	5	-	-	9+	9+	4000	1023.1	-6	NE	1	c	51	85	8	5	-	-	9+	9+	2500	0	*	*	cjfbey	cyc	c	c	
	Cranwell ...	1026.1	-18	N	3	c	56	65	8	5	3	-	9	9+	2500	1023.1	-6	NE	1	c	51	85	8	5	-	-	9+	9+	2500	0	*	*	bmo, c	c	c	c	
3	Birmingham ...	1025.1	-20	ENE	3	bc	55	45	8	5	-	-	2-3	2-3	4000	1023.3	-6	NE	3	bc	52	75	6	5	-	-	4-6	4-6	4000	0	*	*	fbbc	bczcy	bczbcy	bczbcy	
	Upper Heyford	1025.1	-20	ENE	3	bc	56	55	8	7	-	-	4-6	4-6	4000	1022.8	-10	NE	2	bc	51	65	7	4	-	-	0	2-3	-	0	*	bmo, c	bczcy	bczbcy	bczbcy		
4	Ross-on-Wye	1024.0	-20	E'N	4	bc	57	55	8	1	-	-	2-3	2-3	4000	1022.0	-8	NE	2	b	51	65	8	4	-	-	0	Tr	Tr	4000	0	*	*	bmo, c	bczcy	bczbcy	bczbcy
5	Hartland Point	1021.3	-20	E	4	bc	53	55	8	1	-	-	2-3	2-3	2500	1019.3	-12	NE	3	b	55	55	7	1	-	-	Tr	Tr	4000	0	2	*	bczcy	bczcy	bczbcy	bczbcy	
	Bristol ...	1024.0	-22	E	3	bc	55	55	8	7	-	-	4-6	4-6	2500	1021.5	-2	ENE	3	b	52	65	7	1	-	-	0	0	0	0	4	*	bczbcy	bczcy	bczbcy	bczbcy	
	Portland Bill	1021.6	-18	NE	5	c	56	85	8	5	-	-	7-8	7-8	4000	1018.7	-20	NE	5	b	56	85	8	5	-	-	4-6	4-6	4000	0	1	4	*	bczbcy	bczcy	bczbcy	bczbcy
	Plymouth	1020.6	-22	E	5	bc	57	55	8	7	-	-	4-6	4-6	4000	1018.8	-14	NE	3	b	53	65	8	5	-	-	Tr	Tr	2500	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
	The Lizard	1019.8	-20	E	7	c	56	65	8	8	6	-	7-8	7-8	2500	1016.7	-16	E	7	bc	54	65	8	4	-	-	2-3	2-3	2500	0	4	*	bczbcy	bczcy	bczbcy	bczbcy	
	Scilly (St. Mary's)	1018.6	-18	E	6	bc	59	75	8	8	-	-	4-6	4-6	2500	1016.5	-10	E	6	bc	54	85	8	8	-	-	4-6	4-6	2500	0	4	*	bczbcy	bczcy	bczbcy	bczbcy	
	Guernsey ...	1018.6	-18	E	6	bc	59	75	8	8	-	-	4-6	4-6	2500	1016.5	-10	E	6	bc	54	85	8	8	-	-	4-6	4-6	2500	0	4	*	bczbcy	bczcy	bczbcy	bczbcy	
6	Pembroke ...	1022.7	-20	SE	6	bc	56	55	7	1	-	-	2-3	2-3	2500	1020.9	-10	E	5	b	53	75	8	1	-	-	1	1	4000	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
7	Holyhead ...	1025.0	-22	ENE	4	bc	56	65	8	7	-	-	2-3	2-3	4000	1022.1	-10	ENE	4	c	54	75	7	5	-	-	Tr	Tr	2500	0	2	*	bczbcy	bczcy	bczbcy	bczbcy	
	Chester (Sealand)	1025.9	-26	E	5	c	58	55	7	8	-	-	7-8	7-8	4000	1023.8	-10	ENE	2	bc	51	75	6	4	-	-	4-6	4-6	5700	0	*	*	bczbcy	bczcy	bczbcy	bczbcy	
8	Manchester ...	1026.4	-20	ENE	3	bc	55	65	5	5	3	-	7-8	9	4000	1023.9	+18	E	3	bc	53	65	5	5	-	-	3+	3+	4000	0	*	*	bczbcy	bczcy	bczbcy	bczbcy	
10	Spurn Head ...	1026.7	-10	NNE	2	c	56	65	8	5	-	-	9+	9+	2500	1024.6	-6	NE	2	c	53	55	8	5	-	-	10	10	2500	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
	Catterick ...	1027.8	-10	NNE	3	c	53	75	8	8	-	-	9+	9+	1500	1025.5	-4	NE	2	c	52	75	8	8	-	-	9	9	2500	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
	Tynemouth ...	1027.8	-10	NNE	3	c	53	75	8	8	-	-	9+	9+	1500	1025.5	-4	NE	2	c	52	75	8	8	-	-	9	9	2500	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
11	St. Abbs Head...	1028.0	-18	NW	2	c	49	85	9	8	2	-	7-8	10	2500	1025.3	-4	ESE	1	bc	50	65	8	4	4	-	2-3	4-6	2500	0	2	*	bczbcy	bczcy	bczbcy	bczbcy	
	Leuchars ...	1027.8	-18	-	0	bc	58	55	8	8	-	-	2-3	2-3	4000	1025.0	-10	SW	1	bc	49	75	7	7	4	5	2-3	2-3	5700	0	*	*	bczbcy	bczcy	bczbcy	bczbcy	
12	Renfrew (Abbots)	1027.1	-14	-	0	c	51	65	8	5	-	-	7-8	7-8	2500	1025.0	-8	SE	1	c	48	75	8	5	-	-	7-8	7-8	2500	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
	Eskdalemuir ...	1027.0	-14	SE	3	c	58	55	8	2	-	-	7-8	7-8	4000	1024.2	-10	ESE	4	bc	54	65	8	5	-	-	2-3	2-3	2500	0	3	*	bczbcy	bczcy	bczbcy	bczbcy	
	Point of Ayre ...	1027.0	-14	SE	3	c	58	55	8	2	-	-	7-8	7-8	4000	1024.2	-10	ESE	4	bc	54	65	8	5	-	-	2-3	2-3	2500	0	3	*	bczbcy	bczcy	bczbcy	bczbcy	
13A	Tiree ...	1026.4	-12	SE	3	bc	56	65	8	1	-	-	5	1	2-3	4000	1023.9	-8	SE	2	bc	48	75	8	1	4	5	2-3	2-3	4000	0	2	*	bczbcy	bczcy	bczbcy	bczbcy
13B	Stornoway ...	1027.4	-12	S	3	c	57	75	8	2	4	8	4-6	7-8	4000	1025.4	-2	-	0	bc	52	75	8	5	4	6	2-3	4-6	4000	0	0	*	bczbcy	bczcy	bczbcy	bczbcy	
15	Dalwhinnie ...	1027.2	-16	N	3	c	54	55	8	4	6	7	2-3	9+	4000	1025.3	-18	8	1	bc	45	75	8	4	6	2	1-4	4-6	4000	0	*	*	bczbcy	bczcy	bczbcy	bczbcy	
	Aberdeen ...	1027.8	-14	E'N	1	c	52	65	8	5	-	-	7-8	7-8	4000	1025.8	-10	SE	1	bc	48	65	6	5	3	6	Tr	4-6	4000	0	1	*	bczbcy	bczcy	bczbcy	bczbcy	
	Wick ...	1027.0	-20	S	3	c	52	75	8	7	2	4-6	7-8	2500	1024.8	-8	SE	3	bc	47	85	9	5	7	1	2-3	4-6	2500	0	1	*	bczbcy	bczcy	bczbcy	bczbcy		
	Lerwick...	1026.5	-16	W	3	bc	50	65	8	5	3	-	4																								



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 29th September 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th September, 1939.
1 S.E. England	Wind easterly, moderate or fresh locally; fair; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east, fresh or strong; fair to-day, some rain tomorrow; average temperature.
6 South Wales ...	
7 North Wales ...	Wind light variable; fair; average day temperature, ground frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	Wind moderate northerly; local showers with bright intervals; rather cold.
16 Orkney and Shetland	
17 N. W. Ireland	As 1 - 4.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An anticyclone over the British Isles is decreasing in intensity and low pressure systems are encroaching from Southwest and from Northeast. Apart from showers in Northeast Scotland weather will remain fair today but some rain is probable in southwestern districts tomorrow.

## FURTHER OUTLOOK.

Becoming generally unsettled.

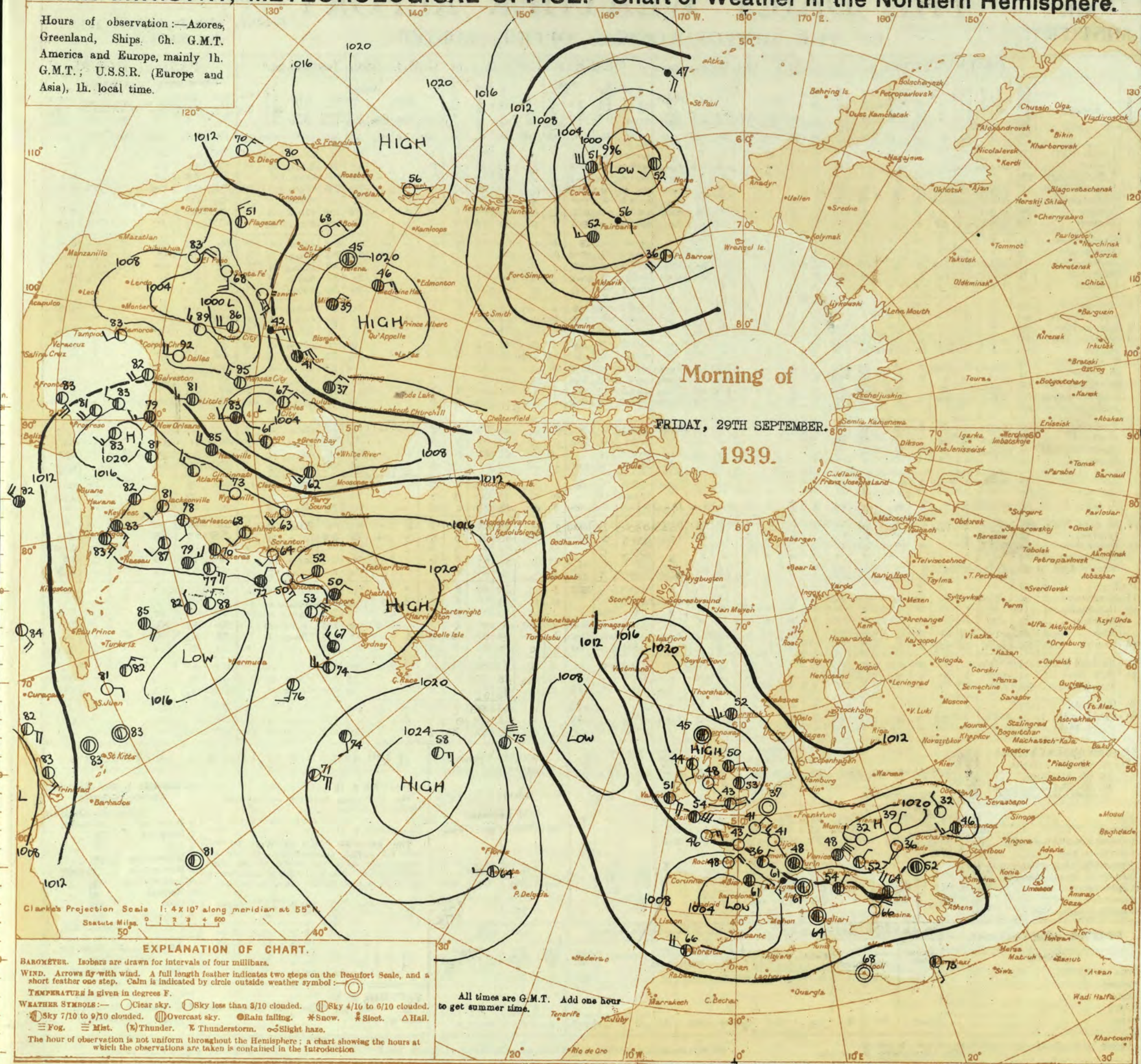
Forecasts issued at 0930 G.M.T.

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



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

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

Friday, 29th September, 1939.  
No. 28435.

OBSERVATIONS at 1 hr. G.M.T. 29th September														OBSERVATIONS at 7 hr. G.M.T. 29th 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 Hrs. (36)					
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Direc.			Force.	Form.					Amount.	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)								
																																Low 0-10 (9)	Med. 10-10 (10)		High 10-10 (11)	Low 0-10 (12)	Total 0-10 (13)	Low 0-10 (23)	Med. 10-10 (24)
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1017.7	-0.6	ENE	2	2	52	85	6	5	-	-	9	9	2500	0	*	58	50	44	-	-	7.3				
	Croydon ...	217	1020.2	-10	ENE	2	2	45	82	6	5	-	-	4.6	4.6	1018.0	-1.4	ENE	1	1	47	97	6	5	-	-	9	9	2500	0	*	58	42	36	-	-	5.7		
	S. Farnborough ...	226	*	*	*	*	*	*	*	*	*	*	*	1017.4	-1.0	ENE	2	2	48	88	6	5	-	-	9	9	4000	0	*	60	38	28	-	-	9.1				
	Boscombe Down ...	417	1018.5	-18	ENE	3	2	44	97	6	-	-	-	0	0	1017.4	-1.0	ENE	2	2	44	92	6	5	-	-	2.3	2.3	5700	1	*	58	44	30	-	-	9.9		
	Calshot (Stmntn.) ...	8	1019.0	-12	NNE	3	2	48	92	6	5	-	-	7.8	7.8	1016.5	-0.6	NNE	3	3	48	85	6	5	-	-	1	1	4000	0	*	60	47	36	-	-	9.7		
	Lympne ...	346	1019.4	-10	NNE	3	2	52	75	8	5	-	-	7.8	7.8	1017.9	-0.6	ENE	3	3	50	85	8	5	-	-	1	1	1500	0	*	58	46	36	-	-	9.7		
	Manston ...	154	1019.7	-10	ENE	3	2	55	75	8	5	-	-	10	10	1017.9	-0.2	ENE	3	3	53	75	8	5	-	-	9	9	5700	0	*	57	52	48	-	-	10.3		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1017.9	-1.6	SE	2	2	54	92	9	5	-	-	9	9	2500	1	*	58	50	42	-	-	8.4				
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1018.6	-0.6	ENE	3	3	55	97	7	5	-	-	9	9	5700	1	2	60	50	40	-	-	7.3				
	Gorleston ...	5	1020.7	-12	NNE	3	2	55	76	7	5	-	-	9	9	1018.6	-0.6	ENE	3	3	54	75	7	8	-	-	4.6	4.6	2500	0	1	59	53	43	0.2	0.1	7.3		
	Mildenhall ...	19	1020.7	-14	NE	2	2	49	92	7	5	-	-	9	9	1018.7	-1.0	ENE	1	1	50	92	6	5	-	-	9	9	4000	0	*	60	47	43	-	-	4.0		
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1019.7	-1.0	ENE	1	1	48	97	7	5	-	-	9	9	2500	0	*	60	46	44	-	-	3.3				
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1018.9	-4	NE	2	2	46	75	4	5	-	-	9	9	4000	0	*	57	45	31	-	-	6.8				
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1018.7	-3	NE	2	2	47	85	7	5	-	-	9	9	4000	0	*	58	44	30	-	-	6.8				
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1018.5	-12	NE	1	1	57	97	6	5	-	-	1	1	2500	0	*	57	36	30	-	-	10.6				
5	Hartland Point ...	299	1015.2	-18	ENE	6	6	43	75	8	-	-	-	0	0	1014.8	-4	NE	4	4	48	92	8	5	-	-	1	1	2500	0	3	55	47	44	-	-	10.2		
	Bristol ...	209	*	*	*	*	*	*	*	*	*	*	*	1018.1	-0.6	NE	4	4	41	97	6	5	-	-	2.3	2.3	2500	0	3	58	38	27	-	-	9.4				
	Portland Bill ...	32	1016.7	-6	ENE	5	5	52	85	7	2	-	-	7.8	7.8	1014.0	-10	ENE	4	4	52	85	7	5	-	-	7.8	7.8	4000	0	4	56	50	*	-	-	*		
	Plymouth ...	82	1016.7	-4	E	4	4	53	85	8	3	-	-	7.8	7.8	1014.3	-10	ENE	4	4	51	85	6	5	-	-	4.6	4.6	2500	0	1	57	50	47	-	-	7.8		
	The Lizard ...	240	1014.5	-12	E	7	7	55	65	8	8	-	-	4.6	4.6	1012.5	-12	ENE	7	7	54	85	8	8	-	-	4.6	4.6	2500	0	4	57	48	*	-	-	5.5		
	Scilly (St. Mary's) ...	163	1014.2	-20	ENE	6	6	54	85	8	8	-	-	4.6	7.8	1012.5	-6	ENE	5	5	53	85	7	4	-	-	4.6	4.6	2500	0	4	59	32	*	-	-	8.6		
	Guernsey ...	175	*	*	*	*	*	*	*	*	*	*	*	1012.5	-6	ENE	5	5	53	85	7	4	-	-	4.6	4.6	2500	0	4	59	32	*	-	-	8.6				
6	Pembroke ...	142	1018.1	-2	E	5	5	47	75	8	1	-	-	1	1	1016.2	-6	E	4	4	47	92	8	8	-	-	7.8	7.8	2500	0	2	56	45	*	-	-	7.7		
7	Holyhead ...	26	1020.4	-8	SE	1	1	48	85	7	-	-	-	0	0	1018.7	-6	ENE	1	1	44	92	9	8	-	-	7	7	2500	0	1	57	41	32	-	-	10.1		
8	Chester (Sealand) ...	16	1022.0	-10	E	3	3	45	75	5	-	-	-	0	0	1019.8	-10	NE	2	2	35	92	5	5	-	-	7.8	7.8	4000	0	*	53	29	5	-	-	8.2		
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1019.8	-10	NE	2	2	42	92	3	5	-	-	7.8	7.8	4000	0	*	56	35	27	-	-	0.8				
10	Spurn Head ...	29	1021.8	-8	ENE	2	2	53	65	7	5	-	-	10	10	1019.3	-6	E	1	1	51	75	7	5	-	-	10	10	300	1	6	57	51	*	-	-	0.1		
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1020.5	-10	E	0	0	46	85	8	5	-	-	10	10	4000	1	6	45	45	45	-	-	0.2				
	Tynemouth ...	108	1023.5	-8	E	2	2	50	65	8	5	-	-	9	9	1020.8	-8	E	2	2	48	85	6	5	-	-	9	9	2500	1	1	58	47	38	-	-	*		
11	St. Abbs Head ...	280	1022.6	-12	SW	3	3	48	65	8	5	3	-	4.6	7.8	1020.2	-10	WSW	3	3	46	65	8	5	-	-	4.6	7.8	2500	0	2	51	45	*	-	-	*		
	Leuchars ...	36	1022.8	-12	A	1	1	41	92	7	5	-	-	9	9	1020.4	-8	WSW	1	1	40	92	7	5	-	-	4	4	2500	0	*	59	37	28	-	-	6.2		
12	Renfrew (Abbots I.) ...	19	1023.2	-8	-	0	0	33	97	2	-	-	-	0	0	1021.4	-4	-	0	0	39	97	4	5	-	-	9	9	4000	0	*	53	31	28	-	-	5.3		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1021.3	-6	-	0	0	37	97	7	5	-	-	9	9	2500	1	*	56	31	23	-	-	3.8				
	Point of Ayre ...	30	1022.2	-8	SES	4	4	52	75	7	5	3	-	7.8	9	1020.0	-6	SE	3	3	51	66	8	5	-	-	10	10	2500	0	2	61	50	*	-	-	6.9		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1019.4	-8	SES	2	2	50	75	8	5	-	-	9	9	2000	0	2	57	39	29	-	-	10.6				
13B	Stormorway ...	80	1015.4	-10	-	0	0	45	85	7	5	-	-	7.8	7.8	1021.2	-10	-	0	0	47	85	8	5	-	-	4	4	7.8	7.8	4000	1	0	58	44	*	-	-	8.9
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	-10	S	1	1	39	97	8	5	-	-	9	9	4000	0	*	60	31	22	-	-	7.3			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1020.0	-8	NW	2	2	35	97	5	5	-	-	0	0	2.3	2.3	2500	0	1	54	33	30	-	-	7.4		



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

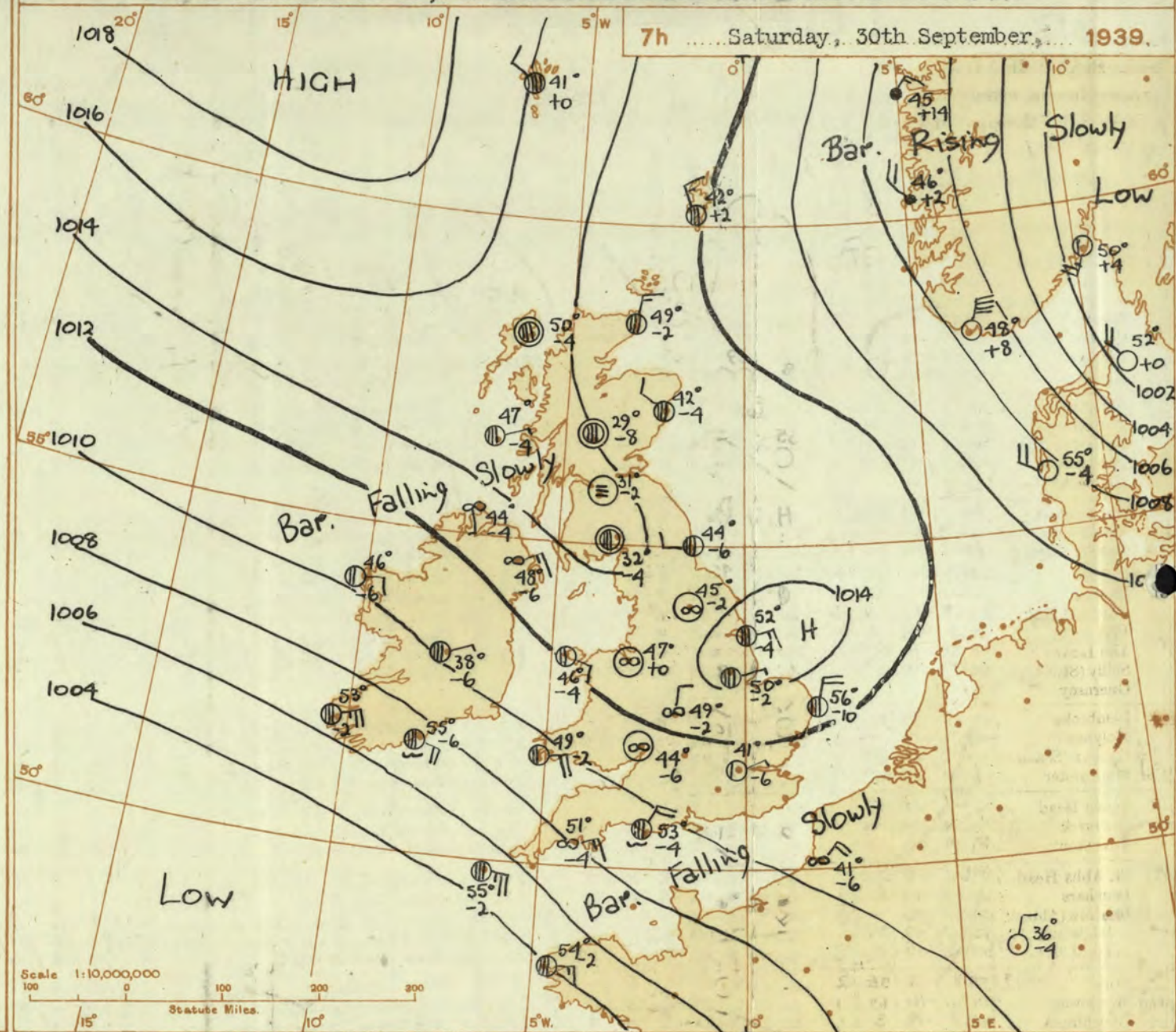
Saturday, 30th September, 1939.  
No. 28436.

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. M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. (6)	Humid. (7)	Visibility (8)	Cloud. (9) (10) (11) (12)				Height of Base (feet) (14)	Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. (20)	Humid. (21)	Visibility (22)	Cloud. (23) (24) (25) (26)				Height of Base (feet) (28)	State of Ground. (29)	Sea. 0-9 (30)	WEATHER. (31) (32) (33) (34)							
				Form.	Amount.					Low 0-10 (12)	Total 0-10 (13)	Form.	Amount.				Low 0-10 (24)	Total 0-10 (25)																			
																							Med.	High.	Med.	High.											
																														Low.	Med.	High.	Low.	Med.	High.		
7h.—13h. 29th..	13h.—18h. 29th..	18h.—24h. 1st 29th	1h.—7h. 30th..																																		
1	London (Kew)...	1015.5	-20	E 3	3	bc	59	45	8	4	-	-	9.6	4.6	4000	1013.7	-6	E 3	3	bc	57	55	6	5	-	-	4.6	4.6	2500	0	*	czobcy	bc	bc	bc	bc	
	Croydon ...	1016.8	-14	NE	3	bc	59	65	8	7	-	-	9.6	4.6	4000	1014.7	-10	ENE	2	bc	53	75	6	4	-	-	2.3	2.3	4000	0	*	cmobc	bc	bc	bc	bc	
	S. Farnborough	1015.1	-18	E	4	bc	60	55	8	1	-	-	4.6	4.6	4000	1013.5	-10	E	3	bc	55	55	7	4	-	-	1	1	5700	0	*	cmobcy	*	bc	bc	bc	
	Boscombe Down	1014.5	-20	E	3	bc	60	65	8	1	-	-	2.3	2.3	4000	1012.7	-6	E	3	bc	54	65	7	4	-	-	Tr	Tr	4000	0	*	cmobcy	b	bc	bc	bc	
	Calshot (Soton.)	1014.9	-16	E 1	5	bc	59	65	8	1	-	-	Tr	Tr	4000	1012.8	-6	ENE	4	bc	56	65	8	4	-	-	Tr	Tr	4000	0	3	b	bc	bc	bc	bc	
	Lympne	1016.1	-18	E	4	bc	57	55	8	1	-	-	9.6	4.6	4000	1014.3	-12	ENE	3	bc	51	75	8	4	-	-	7.8	7.8	4000	0	3	b	bc	bc	bc	bc	
	Manston	1016.3	-18	E 3	3	bc	59	55	8	5	3	-	2.3	4.6	2500	1014.0	-4	ENE	3	bc	56	65	8	4	-	-	4.6	4.6	2500	0	*	cbcy	bc	bc	bc	bc	
2	Shoeburyness ...	1017.6	-18	E 3	3	c	59	75	8	7	-	-	9	9	2500	1014.7	-14	E 1	3	bc	57	75	9	4	-	-	4.6	4.6	4000	0	*	cbcc	bc	bc	bc	bc	
	Felixstowe	1016.9	-14	SE	3	c	59	65	8	5	-	-	9	9	2500	1014.7	-10	ENE	4	c	57	65	8	7	-	-	9	9	2500	0	3	ccy	c	c	c	c	
	Gorleston	1017.1	-10	NE 2	2	c	58	75	8	8	-	-	9	9	2500	1015.7	-4	NE 4	4	c	57	75	7	8	-	-	9	9	2500	0	2	c	c	c	c	c	
	Mildenhall	1016.8	-14	NE 2	2	c	58	75	8	5	-	-	9	9	4000	1015.0	-10	ENE	3	c	55	85	7	5	-	-	9	9	4000	0	*	cid,c	*	c	c	c	
	Cranwell	1016.8	-14	NE 2	2	c	58	75	8	5	-	-	9	9	4000	1015.0	-10	ENE	3	c	55	85	7	5	-	-	9	9	4000	0	*	cid,c	*	c	c	c	
3	Birmingham ...	1016.9	-12	ENE	3	c	53	75	6	5	-	-	*	*	*	1014.3	-10	ENE	2	bc	53	75	5	5	-	-	2.3	2.3	2500	0	*	c	c	c	c	c	
	Upper Heyford	1016.7	-14	E	3	c	54	75	8	5	3	-	7.8	9	2500	1015.0	-6	E 1	2	bc	51	75	7	5	-	-	2.3	2.3	4000	0	*	*	c	c	c	c	
4	Ross-on-Wye ...	1015.5	-16	E	3	c	57	65	8	5	-	-	9	9	4000	1013.7	-12	E 2	b	51	85	7	-	-	-	0	0	-	0	*	bczcc	cbcc	bc	bc	bc		
	Hartland Point	1012.8	-12	NE	4	bc	56	65	8	1	-	-	2.3	2.3	2500	1009.6	-8	ENE	4	bc	58	65	8	1	-	-	5	1	2.3	2500	0	3	bc	bc	bc	bc	bc
	Bristol ...	1015.2	-13	E	3	c	57	65	8	5	-	-	7.8	7.8	4000	1012.9	-6	ENE	2	bc	53	75	6	-	-	5	1	2.3	2500	0	*	bc	bc	bc	bc	bc	
	Portland Bill	1012.5	-12	ENE	6	b	58	85	8	-	-	-	0	0	*	1010.5	-4	ESE	2	bc	57	85	8	5	-	-	2.3	2.3	4000	0	5	bmobcc	cbeyb	bc	bc	bc	
	Plymouth	1011.9	-14	E	4	b	60	65	8	1	-	-	1	1	4000	1010.3	-10	E	4	b	56	65	8	-	-	-	0	0	-	0	2	bc	bc	bc	bc	bc	
	The Lizard	1009.6	-16	E 1	7	bc	60	65	8	4	-	-	2.3	2.3	2500	1008.1	-4	E	5	bc	56	75	8	4	-	-	2.3	2.3	2500	0	4	bc	bc	bc	bc	bc	
	Scilly (St. Mary's)	1009.9	-14	E 5	5	b	62	75	7	1	4	-	Tr	1	2500	1008.0	+6	E	5	b	56	75	8	4	-	-	2.3	2.3	2500	0	4	bc	bc	bc	bc	bc	
	Guernsey	1009.9	-14	E 5	5	b	62	75	7	1	4	-	Tr	1	2500	1008.0	+6	E	5	b	56	75	8	4	-	-	2.3	2.3	2500	0	4	bc	bc	bc	bc	bc	
6	Pembroke ...	1014.7	-12	E	4	cq	57	65	8	8	-	-	7.8	7.8	2500	1011.9	-12	E 3	bc	55	75	8	5	7	-	-	2.3	4.6	2500	0	2	cq	bc	bc	bc	bc	
7	Holyhead	1016.3	-14	-	0	bc	59	55	9	5	3	-	2.3	4.6	4000	1013.7	-12	ENE	4	c	54	75	8	5	9	-	-	2.3	7.8	4000	0	2	bbey	bc	bc	bc	bc
	Chester (Sealand)	1017.5	-	E 3	2	zo	56	65	6	7	-	-	9	9	4000	1015.1	-8	ENE	2	c	54	75	6	5	-	-	9	9	4000	0	*	cz	bc	bc	bc	bc	
8	Manchester	1017.7	-14	SE 2	2	zo	53	75	6	5	-	-	10	10	4000	1015.6	-8	ESE	3	zo	54	75	4	5	-	-	10	10	2500	0	*	cz	bc	bc	bc	bc	
10	Spurn Head	1018.2	-10	NE 3	3	c	56	55	8	5	-	-	9	9	2500	1016.1	-8	E 1	3	c	53	75	7	5	-	-	10	10	1500	0	2	c	c	c	c	c	
	Catterick	1018.6	-14	-	0	c	53	65	9	5	-	-	10	10	4000	1016.2	-6	ENE	1	c	49	85	6	5	-	-	9	9	4000	0	*	c	c	c	c	c	
	Tynemouth	1019.4	-6	W	1	c	51	75	5	5	-	-	9	9	1500	1017.1	-6	E	1	zo	50	75	6	5	-	-	9	9	2500	0	1	c	c	c	c	c	
11	St. Abbs Head...	1018.2	-8	SSW	3	bc	53	55	8	7	1	1	2.3	4.6	2500	1016.1	-10	SSW	2	bc	47	65	8	5	4	1	2.3	4.6	2500	0	1	bcy	bc	bc	bc	bc	
	Leuchars	1017.9	-14	W	1	c	59	45	8	7	7	6	2.3	7.8	4000	1016.0	-6	S	1	bc	50	75	7	5	4	6	Tr	4.6	5700	0	*	bcwb,ey	cbccybc	bc	bc	bc	
	Renfrew (Abbots)	1018.7	-16	-	0	c	56	55	8	1	-	-	6	7.8	4000	1016.2	-10	SW	1	bc	48	75	6	5	5	4	6	Tr	4.6	5700	0	*	cwmffm	cbccybc	bc	bc	bc
	Eskdalemuir	1018.7	-12	S'E	1	c	47	65	8	5	-	-	2	4.6	7.8	2500	1016.8	-8	NW 1	1	bc	50	85	8	5	3	2	Tr	4.6	2500	0	*	c	bc	bc	bc	bc
	Point of Ayre	1018.3	-12	E	3	c	54	65	8	5	-	-	9	9	2500	1015.6	-12	E	3	bc	52	75	8	4	-	-	4	Tr	4.6	4000	0	2	c	bc	bc	bc	bc
13A	Tiree ...	1017.8	-8	SE	2	c	54	65	8	5	-	-	9	9	4000	1016.2	-4	-	0	c	49	75	8	5	3	6	0	9	-	0	1	c	bc	bc	bc	bc	
13B	Stornoway	1019.0	-16	W	1	c	58	55	8	2	5	7	2.3	9	4000	1017.6	-6	WNW	2	c	53	75	7	5	1	4	4	6	10	2500	0	1	c	bc	bc	bc	bc
15	Dalwhinnie	1018.7	-18	S	1	c	50	55	8	4	4	7	2.3	9	4000	1016.8	-6	SW	1	c	40	85	8	4	5	2	2.3	7.8	4000	0	*	c	bc	bc	bc	bc	
	Aberdeen	1017.6	-16	NW	2	c	56	55	8	2	-	-	6	4.6	9	4000	1016.1	-6	-	0	c	52	79	8	4	-	9	9	4000	0	1	bczoy	cyczo	bc	bc	bc	
	Wick	1017.2	-10	NW	3	c	54	65	8	5	7																										



# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday, 30th September, 1939.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th September, 1939.
1 S.E. England	Wind easterly, moderate; mainly fair but local showers tomorrow; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind easterly, moderate or fresh locally; fair today, some rain tomorrow; average temperature.
6 South Wales ...	
7 North Wales ...	Wind light variable; fair; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind north; moderate; bright intervals but some showers; cold with frost at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7 - 8.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	As 9 - 11.
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	As 7 - 8.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A weakening ridge of high pressure extending from Iceland across Scotland to Central Europe separates a depression over the Baltic and a complex trough of low pressure extending from Greenland to South France. Apart from showers in Eastern Scotland and Northeast England today weather will be fair but rain will spread slowly from the Southwest tomorrow.

## FURTHER OUTLOOK.

None issued.

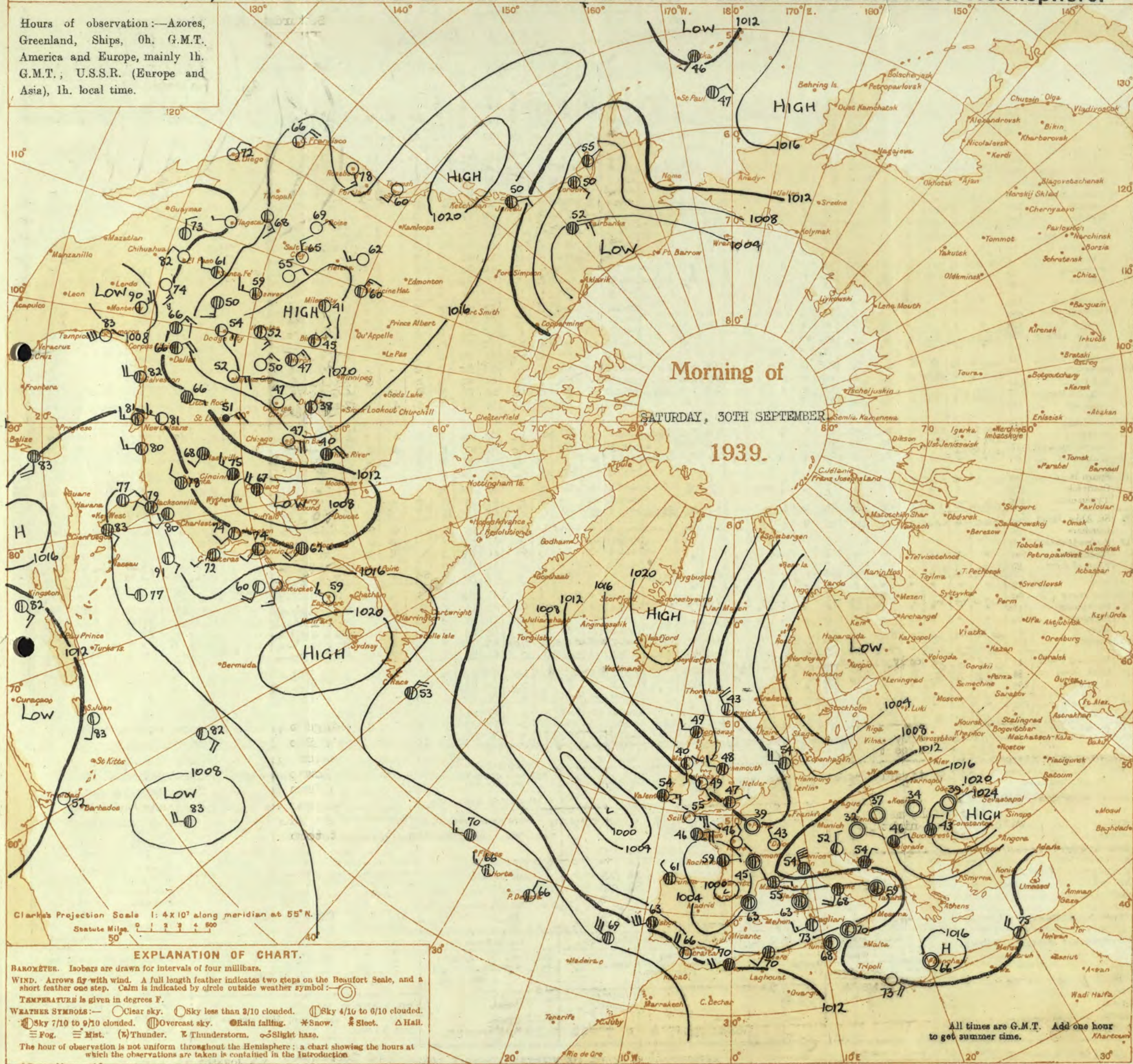
Forecasts issued at 1000 G.M.T.

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



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

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





## THE DAILY WEATHER REPORT

BRITISH SECTION

Saturday, 30th September, 1939.  
No. 28436.

OF THE METEOROLOGICAL OFFICE, LONDON.

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.	Change in 3 hours.	Wind.		Temp.	Humid.	Visibility.	Cloud.						Barom. at station.	Change in 3 hours.	Wind.		Temp.	Humid.	Visibility.	Cloud.						State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sunshine.	
					Dir.	Force.				Low.	Med.	High.	Low 0-10.	Total 0-10.	Height of Base (feet).			Dir.	Force.				Low.	Med.	High.	Low 0-10.	Total 0-10.	Height of Base (feet).			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.		29th Hrs.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1011.0	-10	E	0	bc	46	92	2	-	-	4	0	2-3	-	0	*	61	45	30	-	-	6.4	
	Croydon	217	1012.9	-6	ENE	1	47	97	6	5	-	9	9	4000	1011.4	-6	ENE	1	41	37	3	-	-	4	0	Tr	-	0	*	60	39	30	-	-	6.4		
	S. Farnborough	226	1012.9	-6	ENE	1	47	97	6	5	-	9	9	4000	1011.4	-2	ENE	1	31	97	1	-	-	8	0	4-6	-	0	*	63	30	30	-	-	6.4		
	Boscombe Down	417	1011.4	-8	ENE	3	51	85	6	1	3	2-3	2-3	4000	1010.5	-2	ENE	3	31	97	6	-	-	1	0	Tr	-	0	*	61	44	30	-	-	9.9		
	Calshot (Sthmtn.)	8	1011.4	-8	ENE	3	51	85	6	1	3	2-3	2-3	4000	1010.5	-2	ENE	3	31	97	6	-	-	1	0	Tr	-	0	*	61	44	30	-	-	10.9		
	Lympe	346	1013.0	-6	ESE	4	52	75	8	5	-	2-3	2-3	4000	1011.6	-4	ESE	2	44	97	6	-	-	5	0	4-6	4-6	2500	0	2	59	44	47	-	-		
	Manston	154	1012.6	-6	ESE	3	55	75	7	4	3	7-8	9	4000	1011.1	-2	ESE	2	50	86	6	-	-	5	0	4-6	4-6	4000	0	*	60	53	48	-	-	5.6	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1011.4	-4	E	2	c	55	85	8	4	-	-	7-8	4000	0	*	61	53	45	-	-	5.1		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1011.6	-2	ESE	4	c	57	85	8	8	-	-	9+	4000	0	2	61	56	45	-	-	5.1		
	Gorleston	5	1013.5	-6	ESE	2	56	75	7	8	-	9+	9+	2500	1012.0	-10	ESE	4	c	56	85	7	3	-	-	9+	2500	0	2	58	55	52	-	-	5.1		
	Mildenhall	19	1013.2	-8	ESE	2	51	85	7	5	-	9+	9+	4000	1011.9	-2	ESE	2	c	51	85	8	5	-	-	9+	4000	0	*	58	50	47	-	-	0.2		
	Cranwell	240	1012.6	-6	ESE	3	55	75	7	4	3	7-8	9	4000	1012.6	-2	ESE	1	c	50	85	8	5	-	-	9+	4000	0	*	58	49	48	-	-	0.2		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1012.1	-2	ESE	2	c	49	85	5	5	-	-	9+	2500	0	*	56	49	41	-	-	0.2		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1011.8	-4	ESE	2	c	48	92	6	5	-	-	9+	4000	0	*	59	47	41	-	-	0.2		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1011.4	-6	E	0	bc	44	92	5	5	-	-	9+	4000	0	*	58	40	32	-	-	3.9		
5	Hartland Point	269	1008.5	-16	ENE	5	50	85	8	-	-	0	0	-	1007.8	+6	E	4	bc	49	85	7	1	-	5	1	2-3	2500	0	3	59	48	46	-	-	10.1	
	Bristol	209	1009.4	-12	ESE	4	53	85	8	5	-	7-8	7-8	4000	1010.8	-6	ESE	4	42	97	5	5	-	1	2-3	4-6	2500	0	3	60	38	26	-	-	8.3		
	Portland Bill	32	1009.4	-12	ESE	4	53	85	8	5	-	7-8	7-8	4000	1010.8	-6	ESE	4	42	97	5	5	-	1	2-3	4-6	2500	0	3	60	38	26	-	-	8.3		
	Plymouth	82	1009.3	-4	ESE	3	54	85	6	5	-	4-6	4-6	4000	1007.7	-4	ESE	3	53	85	8	5	-	6	2-3	4-6	4000	0	2	60	50	46	-	-	9.6		
	The Lizard	240	1007.4	-4	ESE	6	56	75	8	4	-	2-3	2-3	2500	1008.9	-8	ESE	5	53	85	8	8	-	6	4-6	4-6	2500	0	3	60	53	*	-	-	9.6		
	Scilly (St. Mary's)	163	1006.8	-8	ESE	5	55	92	7	-	-	0	0	-	1008.3	-2	ESE	5	55	92	7	5	4	3	2-3	7-8	2500	0	3	62	54	*	-	-	9.9		
	Guernsey	175	1006.8	-8	ESE	5	55	92	7	-	-	0	0	-	1008.3	-2	ESE	5	55	92	7	5	4	3	2-3	7-8	2500	0	3	62	54	*	-	-	9.9		
6	Pembroke	142	1010.5	-2	ESE	4	52	85	8	2	3	-	2-3	2-3	2500	1009.1	-2	E	4	bc	49	85	7	6	4	-	2-3	4-6	2500	0	2	60	48	*	-	-	6.9
7	Holyhead	26	1012.2	-8	ESE	1	45	85	6	-	-	1	0	Tr	1011.2	-4	ESE	2	bc	46	92	8	5	3	2	2-3	4-6	4000	0	1	59	47	-	-	-		
8	Chester (Sealand)	16	1013.8	-4	*	0	50	92	5	3	*	9+	9+	4000	1012.3	0	E	0	bc	47	92	5	5	-	-	9+	9+	4000	0	*	60	47	-	-	-		
	Manchester	70	1013.8	-4	*	0	50	92	5	3	*	9+	9+	4000	1012.3	+2	E	2	bc	51	76	5	5	-	-	9+	9+	4000	0	*	60	47	-	-	0.1		
10	Spurn Head	29	1014.2	-8	ENE	2	53	75	7	5	-	10	10	1500	1014.2	-4	ENE	3	c	52	65	8	5	-	-	9+	9+	2500	0	2	57	51	*	-	-	0.0	
	Catterick	175	1013.5	-6	E	2	48	85	3	5	-	9+	9+	2500	1013.5	-2	E	0	bc	45	92	6	5	-	-	9+	9+	4000	0	2	57	44	43	-	-	0.0	
	Tynemouth	108	1013.5	-6	E	2	48	85	3	5	-	9+	9+	2500	1013.5	-6	E	2	bc	44	85	6	2	3	1	4-6	7-8	2500	0	1	52	43	40	-	-	0.0	
11	St. Abbs Head	280	1014.6	-4	WSW	2	47	75	8	5	3	2	2-3	4-6	2500	1013.2	-4	WNW	1	bc	46	75	6	4	6	9	2-3	4-6	2500	0	1	55	45	*	-	-	*
	Leuchars	36	1014.6	-4	WSW	2	47	75	8	5	3	2	2-3	4-6	2500	1013.2	-6	W	2	bc	37	32	7	-	6	9	0	2-3	-	0	55	36	-	-	-	*	
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	1014.4	-2	E	0	bc	31	97	2	-	5	6	0	9	-	0	57	31	30	-	-	-	4.7	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1014.2	-4	E	0	c	32	97	7	5	-	-	4-6	7-8	2500	0	*	56	29	23	-	-	3.6	
	Point of Ayre	30	1014.7	-12	SSE	3	54	85	7	5	-	9+	9+	1500	1012.2	-4	SSE	3	c	54	76	8	8	7	-	7-8	9+	4000	0	2	56	51	*	-	-	3.7	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1013.0	-4	ENE	1	c	47	85	8	5	3	-	1	7-8	4000	0	1	56	42	27	-	-	1.1	
13B	Stornoway	80	1017.0	-4	W	2	43	92	7	5	7	-	7-8	10	2500	1013.1	-4	E	0	c	50	85	8	8	2	-	9	10	4000	0	1	59	48	*	-	-	3.8
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	-4	NW	2	c	29	97	8	5	3	-	9+	9+	4000	0	5	52	27	21	-	-	5.1	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	-4	NW	2	c	42	97	7	5	3	-	9+	9+	4000	0	1	57	39	35	-	-	4.7	
	Wick	81	1013.4	-6	W	3	46	97	7	8	7	-	7-8	10	1500	1012.2	-2	NNE	3	c	49	85	7	5	2	-	9	10	800	0	1	55	45	*	-	-	0.3
16	Lerwick	156	1012.0	+4	NW	4	46	70	8	5	3	-	4-6	4-6	1500	1012.0	+2	NNW	3	c	42	85	8	5	7	-	4-6	7-8	1500	0	1	54	42	*	-	-	2.7
17	Blacksod Point	18	1011.9	-6	ESE	2	48	85	8	-	9	0	4-6	-	1010.2	-4	E	2	bc	46	85	7	1	-	4	2-3	4-6	800	0	2	59	45	*	-	-	4.5	
18	Malin Head	84	1014.7	-6	S	1	40	85	7	-	4	0	2-3	-	1012.8	-4	E	2	bc	44	85	7	5	-	4	7-8	7-8	4000	0	2	57	37	*	-	-	4.5	
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	*	1012.0	-6	ENE	3	N	48	75	6	5	-	-	9+	9+	2500	0	1	54	38	31	-	-	0.0	
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	1010.4	-6	ENE	1	c	38	97	7	5	-	3	4-6	7-8	2500	0	3	58	38	28	-	-	5.4	
20	Valentia Obsy.	30	1008.4	-16	E	3	54	75	7	5	7	-	4-6	9+	1006.3	-2	ENE	5	c	53	75	8	5	-	2	2-3	7-8	4000	0	3	61	51	46	-	-	6.9	
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	1007.2	-6	ESE	4	c	55	92	8	5	-	-	9+	10	1500	0	3	60	51	*	-	-	*	

LONDON OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.												
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.																									
Height above M.S.L. in feet.	Weather.			Temperature.			Rainfall.		Humidity.			Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.													
	Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	Sun- shine, to Sunset. hrs.	15h. G.M.T. %	9h. G.M.T. %		Visibility 9h.												
24 hrs. ended 9h.			°F.	°F.		mm.	mm.	Yesterday.	To-day.	24 hrs. ended 7h. G.M.T. 25th.															
SOUTH KENSINGTON.																									
Max. Time. Min. Time.																									
Kew Observatory.																									
Max. Time. Min. Time.																									
0.2 19-23 40 10-17 29 29																									
At 18h 57 76 79																									
FOREIGN OBSERVATIONS.																									
15h. G.M.T. 25th September.													7h. G.M.T. 30th September.												
Past 24 Hours.																									
STATIONS.																									
Barom. mb. Wind. Direc. Force. Weather. Temp. °F.													Max. Day °F. Min. Night °F. Rainfall. Day mm. Night mm.												
Paris ... ..													G3												
BRUSSELS ... ..													-												
BERLIN ... ..													-												
ZURICH ... ..													-												
ROME ... ..													-												
1010.2 ENE 3 b 54													1006.1 SSW 3 C 68 *												
COLUMNS 34, 35.																									
Tr. = rain has fallen, but amount less than 0.1 mm.																									

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

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

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