M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1930.

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

INTRODUCTION

The new form of the British Section of the Daily Weather Report, which was introduced on March 1, 1930, differs from the old one chiefly in the inclusion of a weather map of the Northern Hemisphere, and in certain modifications of the data presented in tabular form on pages 1 and 4. The width of the page has also been increased.

A limited issue of copies of a synoptic chart of the greater part of the earth's surface north of latitude 40° N. commenced in 1923. This chart was found to be of considerable utility in the Office, in extending the period to which the forecasts relate beyond 24 hours, and of much interest to teachers and others outside the Office who study daily weather maps. The increasing demand for such information, and the improvement in international co-operation, have led to the incorporation of this chart of the Northern Hemisphere in the Daily Weather Report (British Section).

Attention may be directed to the circumstance that the observations presented on this chart are not synchronous. The observations for most of Europe (excluding Russia) and neighbouring countries refer to 7h. G.M.T., exceptions being:—Bulgaria (5h. G.M.T.); Austria, Hungary, Greece, Turkey, Egypt, Sudan, Cyprus, Palestine, Syria (6h. G.M.T.); Azores (8h. G.M.T.). The Greenland observations shown are those made at 0h. G.M.T. with the exception of those for Mygbugten, which are for 7h. G.M.T. while those shown for North America are made at 1h. G.M.T. Up to and including April 30, 1930, observations from ships on the Atlantic refer to 7h. G.M.T. if made east of meridian 40° W. and to 0h. G.M.T. if made west of that meridian. From 1st May the hour of observation for ships east of 40° W. has become 6h. G.M.T. while that for ships west of 40° W. has remained 0h. G.M.T.

Thus within each of the two sectors 40° W. to 170° W. and 30° E. to 40° W. the observations are approximately synchronous among themselves, though most of those in the western sector refer to an epoch six hours earlier than most of those in the eastern sector. The observations shown for Russia and Siberia are made at 7h. *local time*, which implies that the absolute time to which the observations refer varies over a wide range, viz., from 5h. G.M.T. in the longitude of Leningrad (35° E.) to 19h. G.M.T. *of the previous day* in longitude 180° E.

The inclusion of the Northern Hemisphere chart in the British Section of the Daily Weather Report has both necessitated and justified the reduction in the area covered by the chart of the British Isles and neighbouring regions (page 2) and has led to the omission of two small charts. In order to minimize the loss of the isallobar chart the barometric tendency has been entered on the chart for the British Isles.

The changes in the tabular matter have been necessitated by the use, as from March 1, 1930, of the new codes for meteorological telegraphy which were adopted at the meeting of the International Conference of Directors of Meteorological Services in Copenhagen during September, 1929. The columns of pages 1 and 4 affected are those containing data of barometric tendency, cloud form and amount, state of ground and state of sea. An explanation of the method of presentation of these and other data is to be found on the lower part of pages 1 and 4. The list of stations has been increased by the inclusion of Aldergrove (County Antrim), Cardington (Bedfordshire) and Manston (Kent).

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 Land Stations.	Limits of Mean Velocities Statute Miles per Hour.
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.

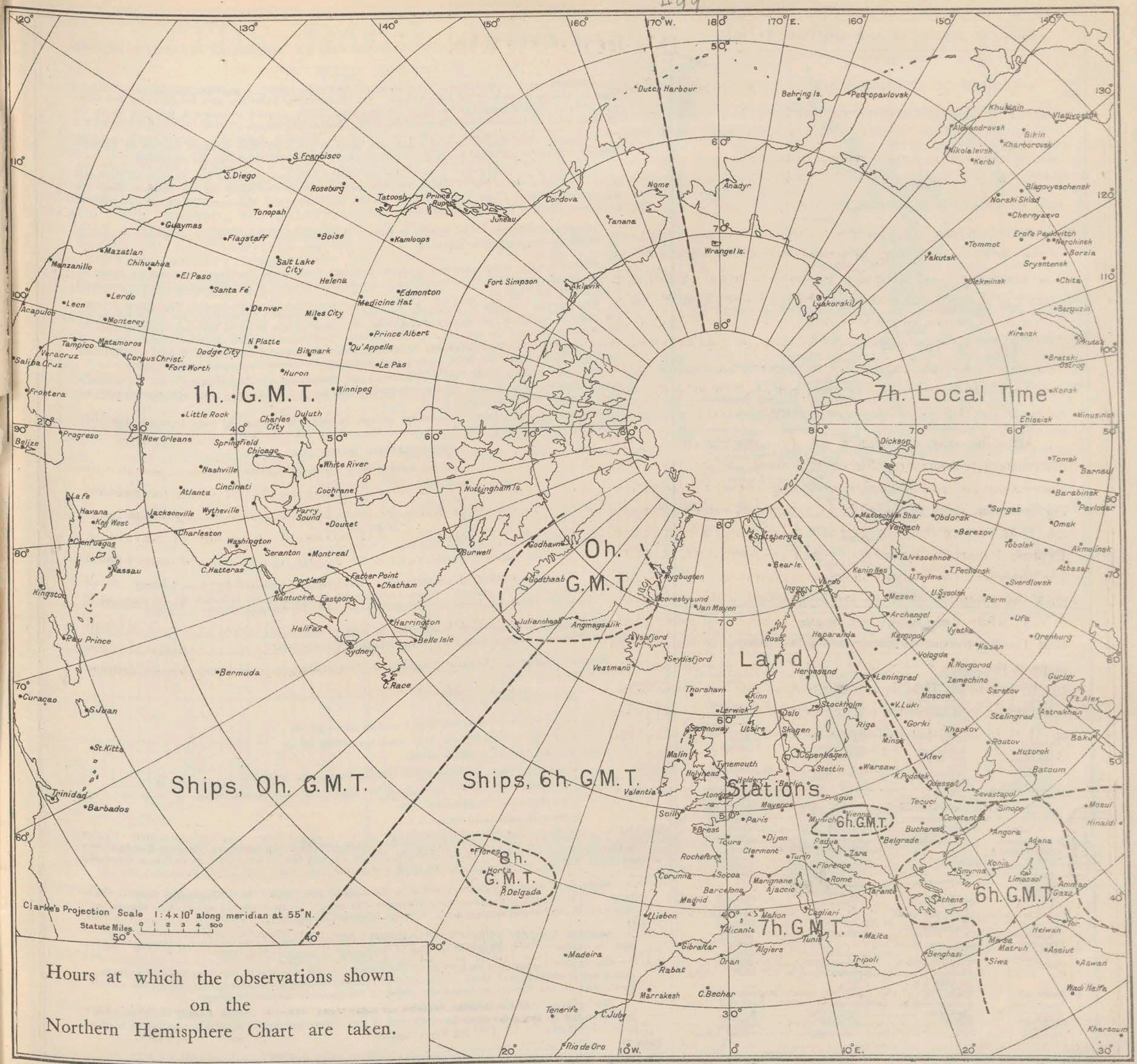
For gales commencing from East or West the North Cone will be hoisted if the gale is expected to change to a Northerly direction.

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:—

▲ North Cone hoisted ▼ South Cone hoisted



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

FORECAST DISTRICTS AND BRITISH STATIONS

FORECAST DISTRICTS

and the Counties comprised within them.

1. *England, S.E.*
   Kent.
   Sussex.
   Surrey.
   Hampshire.
   Berkshire.
   Wiltshire.

2. *England, E.*
   Essex.
   Middlesex.
   Hertford.
   Bedford.
   Huntingdon.
   Cambridge.
   Suffolk.
   Norfolk.
   Lincoln.

3. *Midlands, E.*
   Buckingham.
   Oxford.
   Northampton.
   Warwick.
   Leicester.
   Rutland.
   Nottingham.

4. *Midlands, W.*
   Gloucester.
   Hereford.
   Worcester.
   Shropshire.
   Stafford.

5. *England, S.W.*
   Dorset.
   Somerset.
   Monmouth.
   Devon.
   Cornwall.

6. *Wales, S.*
   Glamorgan.
   Brecknock.
   Carmarthen.
   Pembroke.
   Cardigan.
   Radnor.

7. *Wales, N.*
   Montgomery.
   Merioneth.
   Flint.
   Denbigh.
   Caernarvon.
   Anglesey.

8. *England, N.W.*
   Cheshire.
   Lancashire.
   Westmorland.
   Cumberland.

9. *Midlands, N.*
   Derby.
   Yorkshire, W.

10. *England, N.E.*
    Yorkshire, N. & E.
    Durham.
    Northumberland.

11. *Scotland, S.E.*
    Roxburgh.
    Selkirk.
    Peebles.
    Berwick.
    Haddington.
    Edinburgh.
    Linlithgow.
    Clackmannan.
    Kinross.
    Fife.
    Forfar.

12. *Scotland, S.W., and Isle of Man.*
    Isle of Man.
    Dumfries.
    Kirkcudbright.
    Wigtown.
    Ayr.
    Lanark.
    Renfrew.
    Dumbarton.
    Stirling.

13A. *Scotland, W.*
    Argyll.
    Bute.

13B. *Scotland, N.W.*
    Hebrides.
    Western parts of Inverness, Ross and Cromarty, Sutherland.
    (Boundary line runs from Rannoch Station through Fort Augustus, Beauly and Lairg to Melvich).

14. *Mid. Scotland.*
    Perth.

15. *Scotland, N.E.*
    Kincardine.
    Aberdeen.
    Banff.
    Elgin.
    Nairn.
    Caithness.
    Eastern parts of Inverness, Ross, Sutherland.

16. *Orkneys and Shetlands.*

17. *Ireland, N.W.*
    Galway.
    Roscommon.
    Mayo.
    Sligo.
    Leitrim.

18. *Ireland, N.E.*
    Meath.
    West Meath.
    Longford.
    Cavan.
    Fermanagh.
    Monaghan.
    Louth.
    Armagh.
    Down.
    Antrim.
    Londonderry.
    Tyrone.
    Donegal.

19. *Ireland, S.E.*
    Waterford.
    Wexford.
    Kilkenny.
    Carlow.
    Wicklow.
    Offaly.
    Leix.
    Kildare.
    Dublin.

20. *Ireland, S.W.*
    Cork.
    Kerry.
    Limerick.
    Tipperary.
    Clare.

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT.

Stations.—*Kew.*—Temperature readings at Kew are taken in a large louvred 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.

Valentia.—The observations at 1 a.m. are taken at the Post Office Wireless Station on Valentia Island, those at all other hours at the Observatory near Cahirciveen on the mainland.

Stornoway.—Telegraphic reports are no longer received from the old Station at Matheson Road. Reports from the Coastguard Station have been published in the Report from 7th September, 1930 From the 2nd July to 6th September the observations at 0700, 1300 and 1800 were made at the Butt of Lewis

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.

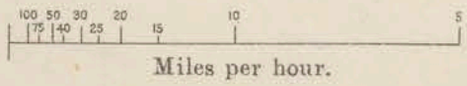
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

If the distance between consecutive isobars is measured along the rule 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 $1 : 4 \times 10^7$ Charts.

or 2 mb „ „ $1 : 10^7$ „



Miles per hour.

This scale applies under the following conditions:—

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

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

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

$x = f - \cdot 444\,(t - t')$ for wet bulb readings above 32° F.

$x = f - \cdot 400\,(t - t')$ for wet bulb readings below 32° F.

where x is the vapour pressure in mb.;

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

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

t the dry bulb temperature; and

t' the wet bulb temperature.

The values printed in columns 7 and 21 always end with the figure 5. By this it should be understood that a value of 95, for example, stands for any one of the values 90 to 100; a value of 85 stands for any one of the values 80 to 89 and so on.

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. The number of feathers on the arrows denotes wind force by Beaufort number.

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 in the monthly correction sheets.

The reports from the London Stations on page 1 and from the Health Resorts on page 2 are not subjected to the same close scrutiny, but if any errors are found these are also noted in the correction sheets

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

SEPTEMBER, 1930. No 165

Notes on the Weather of the Month.

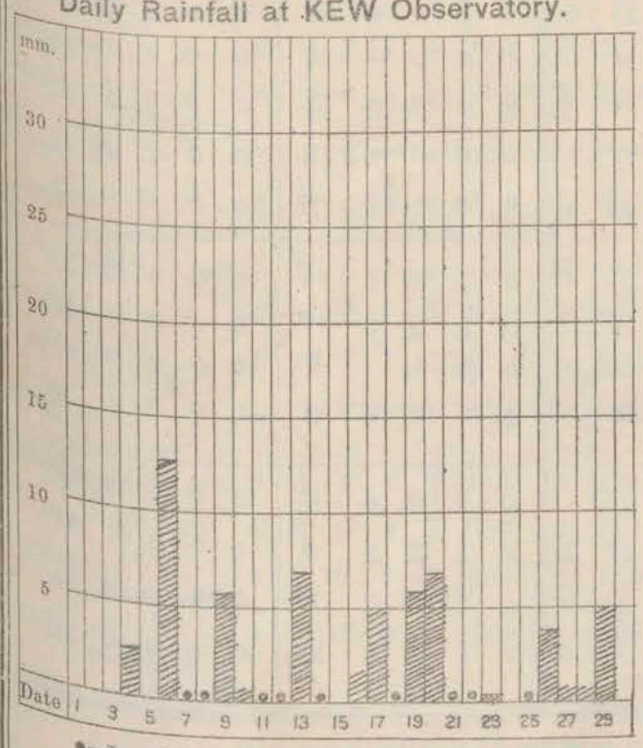
For the third consecutive month rainfall was excessive and in many districts September 1930 may be described as very wet. The opening days were warm and sunny but this fine, anticyclonic spell was broken on the 4th. when a trough of low pressure spread across the country from the West. Thunderstorms occurred in many places during the night of the 4th. - 5th. There ensued a period of unsettled weather with frequent local thunderstorms. Temperature was high and rose to above 80°F. in parts of London and S.E. England on the 5th. A severe and very local thunderstorm occurred in Central London on the 10th. Good records of bright sunshine occurred at times, 11.6 hours at Scilly on the 7th. and 11.3 hours at Valentia on the 11th. being among the best during this period. On the 13th. a depression off S.W. Ireland moved rapidly E.N.E. and gave general rather heavy rain which was followed by a welcome sunny day on the 15th.

From the 17th onwards conditions became very unsettled with deep depressions passing rapidly eastward across the country. General heavy rain occurred and strong winds and gales. The roughest weather was experienced about the 19th. and 20th., when pressure fell to 968 mbs in the centre of the depression, and the heaviest rain from the 17th. - 19th. inclusive. Much fog developed in the West and the western half of the English Channel on the 22nd.

A change occurred about the 25th. when an anticyclone over Greenland began to spread S.E. and increase in intensity in the rear of a depression off Northern Scotland. A cold northerly current from the Arctic spread over the British Isles and on the 26th. day temperatures only slightly exceeded 50°F. in parts. Strong northerly winds and local gales prevailed for several days. A large anticyclone developed off N.W. Scotland and eventually became the predominating feature in Scotland and the N.W. districts generally but in E. & S.E. England weather continued mainly dull, with heavy rain at times; local thunderstorms occurred in S.E. England on the 27th.

A notable feature was the high night temperature; at Kew Observatory the mean minimum temperature was 3.8°F. above normal and at Ross-on-Wye 3°F. The minimum, 62°F. at Kew on the 23rd, is a record for the last ten days of September. At Gorleston and Phœnix Park, Dublin, it was the wettest September on record.

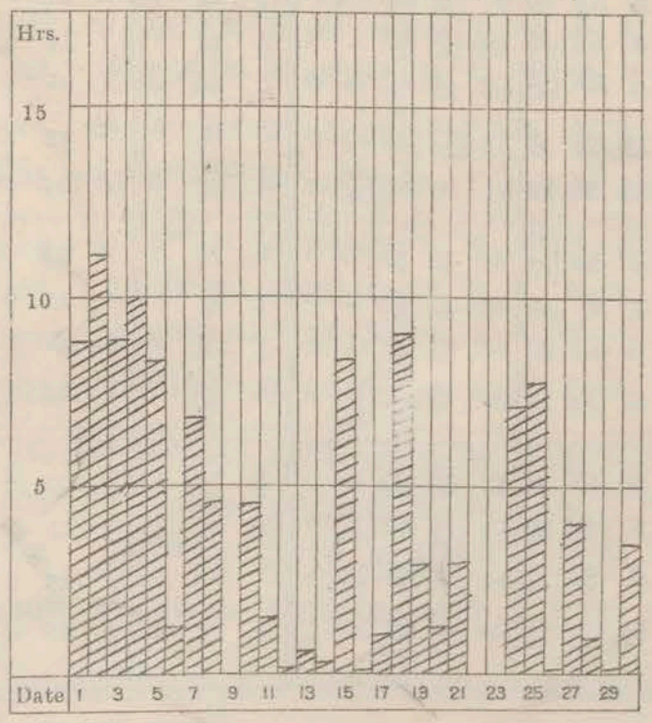
Daily Rainfall at KEW Observatory.



•=Less than 0·5 mm.

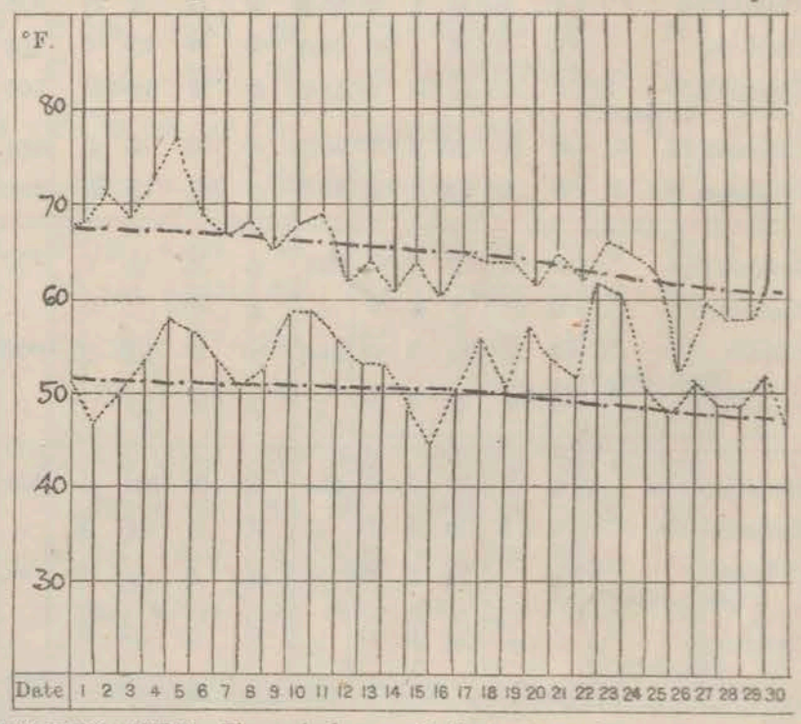
RAINFALL. Total for Month. 64 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 117 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: Mean	Pressure: Difference from average	Temperature: Mean	Temperature: Difference from average
	mb.	mb.	°F.	°F.
Aberdeen	1013·2	−1·3	54·1	+0·9
Valentia	1013·6	−2·7	57·1	+0·3
Kew.	1014·1	−3·3	58·9	+1·7

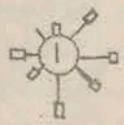
* Pressure — mean for the 24 hours.

Temperature — mean of Max. and Min.

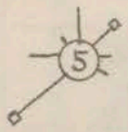
WIND FREQUENCIES AT 7 hr.

Aberdeen

Valentia



Kew



Forces 1-3 ——— ; forces 4-7 ═══ ; force 8 or above ▬▬ Scale: 10mm. 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.
Lerwick	11301
Aberdeen	6952
Valentia	7907
Kew.	

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

Stations.	†Temperature. Number of daily readings within fixed limits. Maximum. 42°–50°	51°–59°	60°–68°	69°–77°	78°–86°	Normal Max. °F.	Minimum. 33°–41°	42°–50°	51°–59°	60°–68°	Normal Min. °F.	Extremes—Warmest and Coldest. Days. Highest Max. °F.	Date.	Lowest Max. °F.	Date.	Nights. Highest Min. °F.	Date.	Lowest Min. °F.	Date.	Number of Ground Frosts.	Low Cloud. Number of observations within fixed limits. 7 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	13 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	18 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Fog, Mist and Good Visibility. Number of observations within fixed limits. 7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	13 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
Stornoway	1	16	13	0	0	57·7	2	19	9	0	46·2	63	13	50	25	56	5	37	27	*	0	30	0	0	30	0	0	30	0	0	0	0	0	26	0	0	0	0	26
Aberdeen ...	0	20	9	1	0	59·5	0	16	14	0	46·6	69	23	51	27	56	11	42	16	0	6	22	0	3	27	0	5	23	1	0	0	0	1	12	0	0	0	0	21
Inchkeith (Edin.)	0	17	12	1	0	*	0	15	15	0	*	70	5	52	27	57	5	46	26	0	16	10	1	12	16	2	11	11	3	0	0	0	1	22	0	0	0	0	25
Renfrew	0	12	18	0	0	*	7	12	11	0	*	67	5	55	19, 27	58	5	35	16	5	5	19	2	2	22	5	4	22	2	0	0	4	5	14	0	0	0	3	17
Eskdalemuir ...	1	17	11	1	0	*	9	14	7	0	*	69	3	48	27	52	23	34	9	2	7	23	0	4	25	1	2	28	0	0	1	1	0	19	0	0	0	1	25
Dublin ... ... (Phœnix Park)	0	9	20	1	0	61·9	5	16	9	0	46·1	69	6	54	27, 29	58	23	38	2	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	10	17	3	0	62·1	2	16	11	1	47·0	71	2, 3	54	26, 29	61	23	38	27	3	2	25	0	0	28	0	0	26	0	0	1	3	0	23	0	0	0	0	28
Valentia ... ... (Cahirciveen)	0	7	21	2	0	61·8	1	10	18	1	51·3	74	3	55	26	60	4	41	15	0	10	17	2	5	22	2	6	23	0	0	0	0	1	27	0	0	0	0	28
Tynemouth ...	0	16	13	1	0	60·7	0	12	18	0	47·8	70	23	53	29	57	11, 24	44	16	0	1	29	0	0	29	0	1	29	0	0	0	3	4	15	0	0	0	0	24
Holyhead	0	11	18	1	0	61·0	0	4	26	0	51·8	69	4	55	29	58	4, 5	49	2	0	9	18	1	7	20	2	6	21	0	0	0	0	0	17	0	0	1	1	20
Liverpool... ... (Bidston)	0	12	17	1	0	61·4	0	8	22	0	50·7	69	3	54	26, 29	59	23	45	16	0	7	22	0	3	25	0	4	24	0	0	0	4	4	12	0	0	0	2	16
Cranwell	0	10	15	5	0	63·7	1	13	16	0	48·3	71	23	52	26	58	23, 24	39	19	0	10	12	4	5	25	0	7	17	2	0	0	4	1	12	0	0	0	0	19
Gorleston ...	0	5	23	2	0	62·5	0	8	19	3	51·5	71	23	53	26	61	10	45	16, 26	0	6	21	0	4	26	0	4	20	0	0	0	1	0	7	0	0	0	0	9
Ross-on-Rye ...	0	5	18	7	0	65·3	0	16	13	1	47·7	73	3	53	26, 29	60	23	43	16	0	6	20	0	3	25	0	2	24	1	0	2	5	1	16	0	0	0	0	20
Leafield	0	9	17	4	0	*	0	19	11	0	*	71	2	51	26	58	23	42	26	0	12	11	2	4	22	4	3	19	3	0	2	2	1	17	0	0	0	1	26
London ... ... (Kew Obsy.)	0	3	21	6	0	64·9	0	8	20	2	49·3	77	5	53	26	62	23	45	16	0	5	19	0	0	28	0	1	26	0	0	0	4	1	9	0	0	0	0	18
Croydon	0	4	19	6	1	*	0	8	21	1	*	78	5	52	26	62	23	46	2, 16, 26	0	16	9	0	5	22	1	6	18	1	0	1	0	4	6	0	0	0	1	20
Shoeburyness ...	0	3	21	6	0	65·6	0	9	20	1	51·1	77	5	55	26	61	23	42	16	0	2	16	1	2	20	4	0	26	1	0	0	0	4	13	0	0	0	0	28
Lympne	1	5	23	1	0	*	0	12	18	0	*	72	5	50	26	59	23, 24	42	26, 30	0	7	11	2	4	22	1	6	17	2	0	2	2	2	9	0	0	0	1	18
Calshot ... ... (Southampton)	0	2	23	5	0	*	0	6	22	2	*	72	5	56	26	62	5	44	26	0	1	22	0	3	25	0	5	21	0	0	0	1	0	14	0	0	0	0	19
Falmouth ... (Pendennis)	0	6	24	0	0	*	0	2	26	2	*	67	12	53	29	60	1, 4	49	26	*	1	28	1	0	30	0	0	30	0	0	1	0	0	25	0	0	0	0	25

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	No. of Reports.	S. Farnborough. Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.
950	1860	50	54	26	55	15		
850	4870	44	44	26	46	15		
750	8210	36	37	26	38	13		
650	11,950	24	26	26	27	12		
550	16,200	11	14	26	2	3		

UPPER WINDS.

No. of records of Velocity (m.p.h.) within fixed limits.

Station. Height. Feet.	Renfrew. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Plymouth (Mt. Batten). No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Lympne. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Holyhead. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Station. Height. Feet.
		miles per hour.						miles per hour.						miles per hour.						miles per hour.					
2,000	59	14	36	9	-	-	31	8	14	8	1	-	64	8	41	15	-	-	55	18	22	14	1	-	2,000
5,000	23	11	10	2	-	-	8	1	4	3	-	-	31	7	13	11	-	-	31	11	12	8	-	-	5,000
10,000	9	2	7	-	-	-	2	-	2	-	-	-	11	1	6	4	-	-	10	3	6	1	-	-	10,000
15,000	2	-	1	1	-	-	-	-	-	-	-	-	2	-	2	-	-	-	5	1	2	2	-	-	15,000

† The readings used, are, except in the case of Phœnix Park, the maximum for the period 7 h.–18 h., and the minimum for the period 18 h.–7 h. The normal values given above are based on extremes taken over the 24 hours.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

SUNSHINE, RAINFALL, AND HUMIDITY SEPTEMBER, 1930.

Stations.	Sunshine: Number of Days with duration: Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration: Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month: First year of record.	Highest. Hrs.	Year.	Lowest. Hrs.	Year.
Stornoway ...	1	19	5	2	3	10·0	11	1323	+64	91	−24	1881	175	'03	73	'87
Aberdeen	8	13	7	1	1	9·7	6	1434	+47	‡‡ 73	−51	1881	199	'06	57	'81
**Inchkeith (Edin.)	5	11	9	1	4	12·0	2	1440	*	106	*	1923	166	'28	124	'27
Renfrew	8	9	7	4	2	11·1	15	1144	*	90	*	1921	152	'28	94	'22
Eskdalemuir ...	7	13	5	2	3	10·7	3	1134	−81	81	−29	1910	150	'15	80	'17
Dublin ... ... (Phœnix Park)	8	7	5	5	5	12·2	2	1499	−8	129	−10	1881	185	'95	77	'16
Birr Castle ...	4	13	5	7	1	11·2	2	1247	−96	110	−16	1881	182	'95	80	'08
Valentia ... ... (Cahirciveen)	4	6	9	6	5	11·3	11	1337	−108	142	+9	1880	181	'11	78	'22
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead ...	6	5	8	7	4	12·5	2	1577	−29	143	−1	1914	172	'14	107	'16
Liverpool (Bidston)	4	11	6	7	2	11·8	2	1303	−153	110	−18	1908	176	'14	96	'12
Cranwell	5	11	5	5	4	10·1	2	1474	−74	114	−34	1921	185	'29	105	'27
Gorleston ...	6	9	6	4	5	12·0	1	1560	−145	124	−38	1908	222	'28	112	'25
Ross-on-Wye ...	2	11	8	7	2	10·7	15	1422	−64	118	−18	1914	205	'29	100	'27
Leafield	2	13	7	3	5	11·5	2	1442	*	114	*	1924	203	'29	100	'27
London ... ... (Kew Obsy.)	3	12	5	7	3	11·2	2	1443	−32	117	−28	1880	224	'11	94	'96
Croydon	6	7	7	6	4	11·2	2	1456	*	123	*	1922	205	'28	110	{'22 '27
Shoeburyness ...	3	9	8	6	4	11·9	1	1711	*	140	*	1919	237	'28	114	'20
Lympne	5	9	6	3	7	12·0	2	1717	*	132	*	1921	244	'28	112	'27
**Calshot ... ... (Southampton)	2	7	8	5	8	12·5	2	1720	*	162	*	1881	243	'95	102	'96
Falmouth ... (Observatory)	3	6	5	12	4	12·0	2	1716	−43	167	+4	1881	235	'06	116	'86

Stations.	Rainfall: ‡Number of days with amount: 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.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. mm.	Difference from Average. mm.	Total for Month.‡ mm.	Difference from Average. mm.	Highest and Lowest Totals on record for Month: First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
Stornoway ...	12	6	7	5	0	0	14	24	1205	−61	65	−35	1870	201	'00	12	'94	0	0
Aberdeen	12	4	6	6	2	0	22	18	908	+160	115	+59	1871	162	'27	14	'94	0	0
**Inchkeith (Edin.)	16	4	4	6	0	0	15	18	642	+88	72	+29	1870	139	'27	6	'29	1	0
Renfrew	16	3	5	5	0	1	33	17	1225	+300	91	+24	1921	155	'27	28	'29	1	0
Eskdalemuir ...	13	5	5	5	1	1	30	23	1902	+473	107	+13	1910	242	'18	25	'10	0	0
Dublin ... ... (Phœnix Park)	11	2	7	6	2	2	35	19	1085	+380	171	+122	1877	134	'24	5	'94	1	0
Birr Castle ...	9	5	10	6	0	0	14	17	1061	+232	98	+40	1872	172	'24	8	'94	1	0
Valentia ... ... (Cahirciveen)	10	2	11	5	1	1	29	18	1856	+442	122	+17	1870	253	'75	24	'09	0	0
Tynemouth ...	10	7	8	5	0	0	11	17	744	+123	74	+28	1915	115	'18	22	'21	0	0
Holyhead ...	15	4	5	4	2	0	17	17	1153	+265	80	+12	1871	188	'18	7	'94	1	0
Liverpool (Bidston)	14	6	4	6	0	0	12	17	939	+230	65	+4	1867	167	'72	11	'15	0	0
Cranwell	10	7	6	5	2	0	24	13	791	+201	111	+66	1917	115	'27	12	'28	2	0
Gorleston ...	9	5	6	7	1	2	30	6	817	+195	163	+113	1871	151	'71	4	'98	4	0
Ross-on-Wye ...	11	10	3	4	2	0	22	19	1131	+413	89	+38	1818	174	'76	8	'65	1	0
Leafield	14	4	8	2	2	0	18	19	964	+270	84	+33	1924	160	'27	4	'29	2	0
London ... ... (Kew Obsy.)	14	3	6	7	0	0	13	6	776	+170	64	+16	1871	145	'18	4	'29	3	0
Croydon	13	6	3	7	1	0	21	19	931	+252	92	+42	1921	134	'27	4	'29	4	0
Shoeburyness ...	14	4	3	9	0	0	14	27	658	+178	93	+53	1920	93	'20	8	'28	2	0
Lympne	9	6	8	6	1	0	17	26	997	+273	99	+41	1920	114	'22	8	'28	4	0
**Calshot ... ... (Southampton)	13	5	5	7	0	0	12	6	915	+269	80	+26	1871	170	'96	4	'10	2	0
Falmouth ... (Observatory)	11	5	6	5	2	1	43	17	1601	+494	147	+73	1871	206	'18	9	'95	1	0

MINIMUM SURFACE HUMIDITY.

No. of Days (Mdt. to Mdt.) with Minima between Fixed Limits.

Stations.	90 to 100 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	10 to 19 %
Aberdeen ...	3	5	10	9	3	0	0	0	0
Renfrew ...	0	6	9	9	6	0	0	0	0
Eskdalemuir	1	5	6	11	6	1	0	0	0
Valentia ...	2	3	8	12	4	1	0	0	0
Ross-on-Wye	1	4	7	10	6	2	0	0	0
London (Kew)	0	2	5	9	11	3	0	0	0
Falmouth (Obsy.)	3	3	16	6	2	0	0	0	0

** In extremes of rainfall the short period returns from Inchkeith are supplemented by those from Leith, and extremes of rainfall and sunshine from Calshot by those from Southampton.

STATE OF GROUND AT 18h.

No. of Days each type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
Aberdeen ...	7	23	0	0	0	0	0	0	0	0
Renfrew ...	0	30	0	0	0	0	0	0	0	0
Eskdalemuir	0	30	0	0	0	0	0	0	0	0
Valentia ...	?14	?16	0	0	0	0	0	0	0	0
Ross-on-Wye	6	24	0	0	0	0	0	0	0	0
London (Kew)	6	24	0	0	0	0	0	0	0	0

CODE for State of Ground.

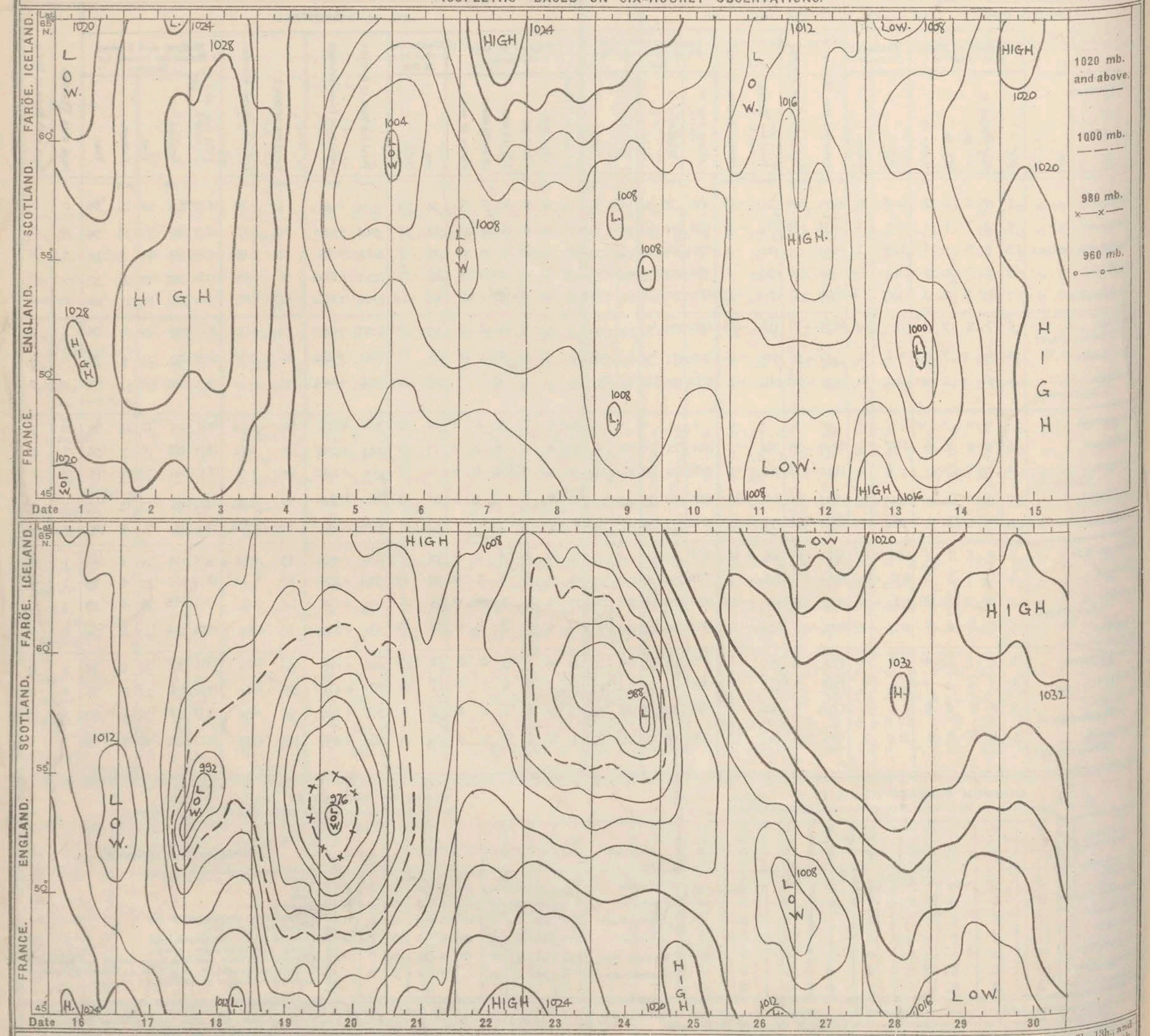
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

‡ Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the **Monthly Weather Report** which are based on readings taken to 0·1 mm.

‡‡ Sunshine for 24th estimated as 6.0 hrs.

PRESSURE: ICELAND TO GULF OF LIONS SEPTEMBER, 1930.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 18h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W. in the north; at Lat. 44½° N., Long. 4° E. in the south.

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

No. 2526/2137. Wt. 181. 9.6005. Gp. 808. 960. 10/30.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

1st September 1930.

No. 25.120

OBSERVATIONS at 13h. G.M.T. 31st August

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	1023.1	+2	NW	2	ir.	55	75	8	3	2	-	4-6	9	1500
Butt of Lewis*	1027.1	+4	WNW	4	c	55	75	9	3	3	-	1	9+	1500
Wick	1026.3	+8	NW	3	c	58	85	8	2	6	-	4-6	7-8	4000
Tiree	1027.8	+6	N	4	b	58	65	9	7	5	5	Tr	1	4000
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1026.7	+10	NNW	3	c	58	65	8	7	3	-	7-8	9	2500
Malin Head	1028.1	+6	N'W	3	bc	56	85	8	1	-	2	2-3	2-3	2500
Renfrew	1026.7	+2	-	0	c	61	75	6	8	-	-	9+	9+	4000
Inchkeith (Edin.)	1026.3	+6	NE	1	c	59	85	9	1	1	-	2-3	9+	4000
Leuchars	1026.7	+8	-	0	ir.	66	85	8	8	7	-	7-8	10	1500
Eskdalemuir	1026.4	+6	NE	3	c	59	75	8	8	-	-	7-8	7-8	1500
Tynemouth	1026.0	+12	NNE	2	c	57	85	8	6	-	-	7-8	7-8	1500
Blacksod Point	1029.2	x	E	3	bc	60	75	9	-	4	1	2-3	4-6	7000
Aldergrove	1027.0	+2	NW'N	3	bc	60	75	9	7	-	9	2-3	4-6	1500
Donaghadee	1026.7	+8	NNE	3	bc	60	85	8	1	4	-	2-3	4-6	4000
Birr Castle	1027.0	+2	N	1	bc	64	66	8	-	6	1	0	4-6	-
Holyhead	1026.1	+6	N	3	c	58	95	7	5	-	-	9+	9+	800
Liverpool (Bidston)	1025.6	+10	W	4	o	59	95	7	5	-	-	10	10	1500
Chester (Sealand)	1025.1	+6	NW'W	3	c	61	85	7	5	-	-	9+	9+	2500
Harrogate	1025.9	+14	NNW	1	c	57	85	7	6	2	-	9	10	5700
Spurn Head	1024.6	+8	N'E	4	c	59	95	7	5	1	-	4-6	7-8	4000
Birmingham	1024.7	+6	NNW	3	bc	66	75	8	1	-	-	2-3	2-3	2500
Cranwell	1024.7	+14	N'W	3	c	61	85	7	9	-	-	10	10	1500
Gorleston	1022.9	+12	NNW	3	ir.	62	95	6	6	-	-	10	10	1500
Valentia Obs.	1026.6	+4	ENE	2	bc	66	65	9	1	3	9	1	2-3	4000
Roches Point	1026.7	+2	SE	3	bc	61	85	9	8	-	4	2-3	4-6	2500
Pembroke	1025.1	0	NNE	3	bc	63	85	8	7	-	-	4-6	4-6	4000
Ross-on-Wye	1023.8	+4	N'E	3	c	66	75	8	4	-	-	9+	9+	4000
Leafield	1023.9	+6	N'W	3	c	64	75	6	7	-	-	7-8	7-8	4000
Cardington	1023.4	+8	N'E	2	c	66	75	7	8	-	-	9	9	2500
Winchester	1022.8	0	N'W	3	c	71	75	7	7	-	-	7-8	7-8	2500
S. Farnborough	1023.0	+4	NW	2	c	70	75	7	5	-	-	7-8	7-8	1500
London (Kew)	1023.5	+6	N'W	3	bc	69	75	7	7	-	8	2-3	4-6	5700
Croydon	1022.7	+2	NW	3	c	71	65	6	7	-	1	7-8	7-8	2500
Manston	1021.8	+2	NNW	3	c	71	85	6	-	3	-	0	9	-
Shoeburyness	1022.3	+6	NW	3	bc	73	75	7	7	-	-	4-6	4-6	4000
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1022.6	+6	NNW	4	c	68	75	7	5	-	-	9+	9+	1500
Scilly (St. Mary's)	1024.3	+8	NE	4	c	61	95	7	2	-	8	4-6	7-8	4000
Falmouth	1024.8	0	N'W	3	bc	67	85	8	5	-	-	4-6	4-6	4000
Plymouth	1023.1	-2	WSW	3	bc	72	75	8	1	4	1	4-6	4-6	4000
Portland Bill	1022.8	0	NW	2	bc	70	75	8	1	-	-	2-3	2-3	2500
Calshot, S'hampton	1022.9	+2	NNW	2	c	72	65	7	5	-	-	7-8	7-8	4000
Dungeness														
Lympne	1022.0	+2	N	3	z.	73	75	6	-	3	-	0	7-8	-
Guernsey	1023.0	-2	-	0	b	73	65	7	-	-	8	0	1	-

OBSERVATIONS at 18h. G.M.T. 31st August

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1023.3	0	WNW	2	cu	54	75	8	9	8	-	4-6	9	1500	0	*
Butt of Lewis*	1026.8	-2	W	4	c	55	75	9	6	2	-	2-3	9+	4000	0	2
Wick	1026.2	0	NW	2	c	55	85	9	5	6	-	4-6	7-8	2500	0	2
Tiree	1027.9	0	NW'N	4	b	56	75	9	7	5	9	Tr	1	4000	0	2
Nairn	1026.3	*	NW	/	c	55	75	8	3	-	-	7-8	7-8	1500	0	*
Aberdeen	1026.8	0	-	0	c	56	65	8	5	-	6	4-6	7-8	4000	1	0
Malin Head	1028.3	0	N	3	bc	55	85	8	1	8	1	2-3	2-3	2500	0	1
Renfrew	1026.5	-2	NW	1	c	60	85	6	3	-	-	9+	9+	2500	1	*
Inchkeith (Edin.)	1026.6	-2	E	2	bc	57	95	8	1	4	9	1	4-6	4000	0	0
Leuchars	1026.8	+2	SE	3	c	55	75	8	7	7	-	4-6	9	1500	1	*
Eskdalemuir	1026.8	+2	E	2	c	57	65	8	5	-	1	4-6	7-8	2500	1	*
Tynemouth	1027.1	+4	N	2	c	55	85	8	6	-	-	7-8	7-8	1500	0	2
Blacksod Point	1028.1	-6	NE	3	bc	58	75	9	-	-	7	0	4-6	-	0	3
Aldergrove	1027.6	+4	NNW	2	bc	56	75	8	-	-	9	0	2-3	-	1	*
Donaghadee	1026.8	0	NNE	3	bc	57	85	8	-	3	2	0	4-6	-	0	2
Birr Castle	1027.2	-2	N	1	c	62	65	8	5	-	-	9	9	4000	0	*
Holyhead	1026.3	0	NNE	3	bc	58	95	7	1	3	-	1	2-3	4000	/	/
Liverpool (Bidston)	1025.8	0	W	3	c	59	95	7	5	8	9	4-6	7-8	800	0	*
Chester (Sealand)	1025.8	+2	NW'N	3	c	60	85	7	5	3	-	9	9	1500	1	*
Harrogate	1026.9	0	N	1	c	56	85	7	6	7	-	7-8	9	5700	1	*
Spurn Head	1026.9	+4	NNE	3	c	58	85	7	4	1	9	2-3	9	4000	0	3
Birmingham	1026.2	+4	ENE	4	bc	63	75	8	1	3	-	2-3	4-6	2600	1	*
Cranwell	1026.1	+6	NNE	3	c	59	85	8	8	-	-	10	10	2500	1	*
Gorleston	1024.0	+4	N'E	4	ir.	60	85	7	6	-	-	9	9	2500	0	2
Valentia Obs.	1025.9	-2	E'N	2	bc	64	75	9	5	3	-	2-3	4-6	4000	1	0
Roches Point	1026.6	-2	SE	1	bc	60	85	9	5	-	4	1	4-6	2500	0	0
Pembroke	1024.2	-6	NE	3	b	59	85	8	-	-	9	0	1	-	0	1
Ross-on-Wye	1024.0	0	NNE	2	c	65	76	7	4	6	-	4-6	7-8	4000	0	*
Leafield	1024.6	+6	NE	3	c	62	75	7	1	3	-	Tr	7-8	4000	0	*
Cardington	1024.8	+8	NE	3	c	61	85	8	5	2	-	7-8	9+	1500	1	*
Winchester	1023.6	0	NE	2	cu	67	75	7	5	-	-	9+	9+	2500	0	*
S. Farnborough	1023.7	+4	ENE	2	c	65	75	6	5	-	-	9+	9+	1500	0	*
London (Kew)	1024.6	+6	NE	4	c	65	75	6	5	-	-	9+	9+	4000	0	*
Croydon	1023.7	+6	NE	3	o	64	75	6	5	-	-	10	10	2500	0	*
Manston	1023.4	+4	E	3	c	62	95	6	5	3	-	7-8	9	1500	0	*
Shoeburyness	1023.6	+10	NNW	3	o	64	85	7	5	-	-	10	10	1500	0	*
Clacton-on-Sea	1024.1	+10	NNW	4	c	65	85	7	5	-	-	7-8	7-8	800	0	2
Felixstowe	1024.1	+6	N'E	3	o	62	85	8	5	-	-	10	10	2500	0	2
Scilly (St. Mary's)	1024.2	0	NE'N	4	b	60	95	8	-	-	-	0	0	-	0	2
Falmouth	1024.3	0	N'W	3	bc	66	85	8	5	-	-	4-6	4-6	4000	0	0
Plymouth	1023.4	+2	SW	1	c	65	85	7	6	-	-	9+	9+	2500	0	0
Portland Bill	1023.0	+2	NE	3	c	68	75	8	4	7	-	7-8	9+	2500	0	2
Calshot, S'hampton	1023.2	+2	N'W	3	bc	69	65	7	5	-	-	4-6	4-6	4000	0	/
Dungeness																
Lympne	1023.0	+10	NE'N	4	id.	62	95	6	5	-	-	10	10	450	0	*
Guernsey	1022.9	-2	-	0	z	67	75	6	-	-	-	0	0	-	0	/

PAST 24 HOURS.

STATIONS.	Weather. 7h.–13h. 31st (37)	Weather. 13h.–18h. 31st (38)	Weather. 18h. 31st to 1h. 1st (39)	Weather. 1h.–7h. 1st (40)
Lerwick	cbcpr	cpr	cbcpr	cpzoir
Butt of Lewis*	bcc	c	cpr	ir
Wick	be	bcc	c	cpr.c
Tiree	b	b	bw	bbcw
Nairn	orro	c	cw	c
Aberdeen	cir.c	cbc	bc	c
Malin Head	bbc	bc	bcb	bbcv
Renfrew	idem.	b bz.	m.bw	bbcw
Inchkeith (Edin.)	c	c	bc	bc
Leuchars	cir.	cr.c	cw	cw bcm
Eskdalemuir	cir.c	c	cbcb	bwcw
Tynemouth	oir.c	c	cbcm.	bcff
Blacksod Point		bc	b	b
Aldergrove	cbcb	bcb	bw	bwx
Donaghadee	bc	bc	b	b
Birr Castle	bbc	bcc	cbc	bcef
Holyhead	c	cbcb	bbcmw	cbm.w
Liverpool (Bidston)	o	oc	bcbm	bcwm
Chester (Sealand)	p.rc	z.c	cbcm.	bwbm
Harrogate	c	c	c	c
Spurn Head	orcpdc	cbcc	bc	bcw
Birmingham	cbc	bc	bcb	bmw
Cranwell	cir.	c	c.fmw	bw,cbc
Gorleston	ofcr.of	orrq	cir.bcq	bbcq
Valentia Obs.	bc	bc	bcw	bwbc
Roches Point	bcv	bcv	bcbw	bbcw
Pembroke	cbc	bcb	b	bbcm.
Ross-on-Wye	d.oc	cbbcc	cbm.	bfwf
Leafield	oir.c	c	bcc	cbcw
Cardington	od.r.d.c	c	c	cbcwbm.
Winchester	cm.c	c	cybcbm.	bccw
S. Farnborough	bccm.c	c	cm.b	bwom.
London (Kew)	cm.bc	bcc	c	cbwcwm.
Croydon	cm.*	cz.	cmbbc	bcwm.
Manston	ofcmcm.	cm.	cm.	c
Shoeburyness	of bm.	bcc	bcm.	bcb
Clacton-on-Sea	omcz	czc	c	cbc
Felixstowe	ofccwz	c	cbc	bcbw
Scilly (St. Mary's)	offec	cbcb	b	bbcc
Falmouth	Fcbc	bc	bcc	o
Plymouth	cb	bcc	cb	cbz.
Portland Bill	cbc	bcc	bcc	cbcb
Calshot, S'hampton	cbc	c	bcb	bwm.
Dungeness				
Lympne	offcbcz.	czomd	ad.m.o	bvoc
Guernsey	cbczb	bzbz	bbccw	cwo

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain.
rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☾, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

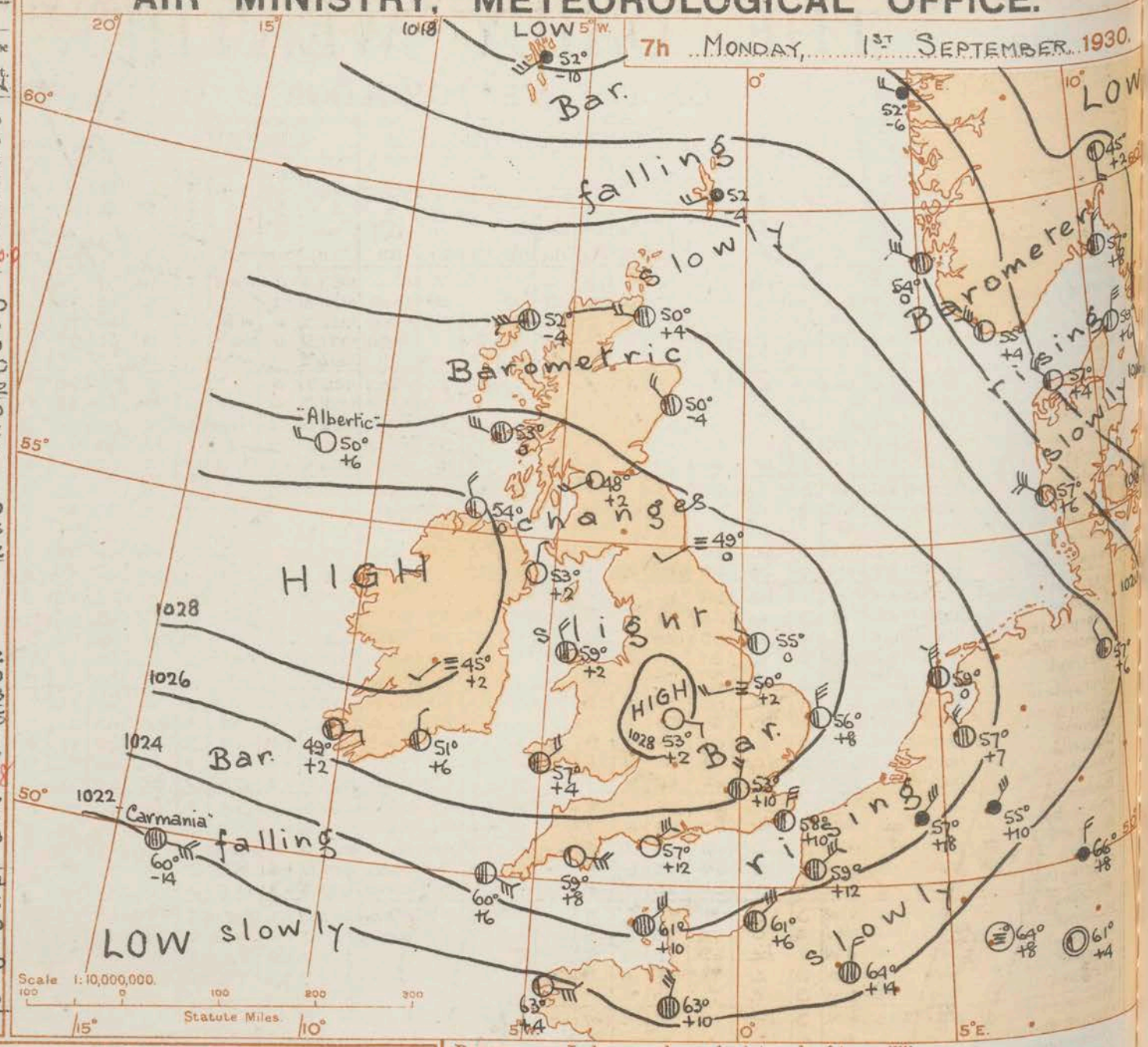
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 31st August 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 30th to 9h. 31st	Temperature. Max. 9h.—17h. 31st	Rainfall. Night. 17h. 30th to 9h. 31st	Rainfall. Day. 9h.—17h. 31st	Sunshine. Sunrise to 17h. 31st	Sunshine. Sunrise to Sunset. 30th
Dunbar ...	c	c	53	58	7	-	0.8	0.0
Berwick-on-T. ...	c	o	53	58	13	-	1.9	0.0
Douglas	bcm.	bccf	54	64	3	-	6.4	0.5
Llandudno ...	oc	cbcc	56	61	5	-	1.0	0.0
Colwyn Bay ...	ro	obo	56	63	4	-	1.6	0.0
Rhyl	cdm	cm.	56	61	3	-	0.4	0.0
Wallasey ...	c	cbcb	57	62	4	-	1.2	0.0
Southport ...	o	ococ	57	64	4	-	3.2	~~4.4~~ 0.0
Blackpool ...	oroc	cbcc	57	65	5	-	4.5	0.1
Morecambe ...	cbbc	bbc	58	68	3	-	4.0	0.0
Ilkley	c	c	57	60	3	-	0.3	1.3
Cleethorpes ...	rodv	ocb	57	61	6	-	1.5	0.0
Mablethorpe ...	ormro	oc	57	61	8	Trace	0.7	0.0
Skegness... ...	ro	o	61	70	2	0.4	0.0	0.2
Aberystwyth ...	circ	cbcb	58	62	2	-	6.5	0.0
Bath	cbcc	cbcb	62	70	Trace	-	2.7	11.2
Cheltenham .†	ocz.	cz.c	59	76	Trace	-	1.9	8.8
Leamington Spa	ovc	c	59	68	0.4	-	1.7	5.0
Lowestoft ...	fcor	iro	62	65	Trace	Trace	0.0	9.3
Dovercourt ...	fbc	oc	60	71	-	-	0.5	9.0
Maldon	mc	c	60	71	-	-	0.9	10.5
Southend ...	c	c	61	83	Trace	Trace	2.4	11.2
Ilfracombe ...	bcb	b	60	68	-	-	8.1	0.1
Bude	ocbc	bc	58	68	0.6	-	6.7	0.8
St. Ives	mbcb	b	55	64	0.3	-	1.7	0.8
Penzance ...	mcb	b	55	68	-	-	4.8	0.2
Torquay	wbz.	bbczcz	60	73	-	-	7.2	10.2
Jersey	b	b	64	78	-	-	9.2	12.0
Weymouth ...	cb	bc	60	74	-	-	4.7	12.3
Bournemouth ...	cbcb	bcc	61	74	-	-	6.0	10.5
Ventnor	obcbz	bbcz	63	76	-	-	7.9	9.1
Southsea ...	cb	bc	62	74	-	-	4.5	8.8
Bognor Regis ...	bc	bc	63	77	-	-	6.6	8.5
Littlehampton ...	bc	bc	61	77	-	-	7.7	11.3
Worthing ...	bc	bbc	64	76	-	-	8.2	11.3
Brighton... ...	bc	bc	62	79	-	-	7.5	10.3
Eastbourne .†	ocbcbbc	bcc	63	80	-	-	7.0	11.4
Hastings †	mbcbbc	bcco	62	75	-	-	5.0	10.4
Folkestone ...	wbcm	bcmco	60	72	-	-	4.0	9.5
Dover	foc	fcmbcco	60	73	-	-	1.4	10.0
Deal	ofbc	co	60	76	-	-	3.1	9.8
Tunbridge Wells	bc	bcco	60	77	-	-	5.5	11.0
Ramsgate ...	cbc	bcc	60	75	-	-	4.2	9.7
Margate	cbc	bcc	60	70	-	-	2.8	11.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 1st September 1930
1. S.E. England 2. E. England...	Wind northerly or variable, light or moderate; fair; local mist or fog in early morning; moderate to rather high day temperature.
3. E. Midlands 4. W. Midlands	Wind variable, light; fair; local mist or fog in early morning; moderate ot rather high day temperature.
5. S.W. England 6. South Wales	Wind easterly, light or moderate; fair; rather warm locally by day.
7. North Wales 8. N.W. England 9. N. Midlands	As 3 - 4.
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind westerly, light or moderate; mainly fair; moderate temperature.
13. A. W. Scotld. B. N.W. Scotland.	Wind westerly, moderate; cloudy, some rain or showers; moderate temperature.
14. Mid-Scotland	As 10 - 12.
15. N.E. Scotland 16. Orkneys and Shetlands.	As 13.
17. N.W. Ireland 18. N.E. Ireland	Wind light or moderate, variable or westerly; fair; perhaps local mist in early morning; moderate temperature.
19. S.E. Ireland 20. S.W. Ireland	Wind easterly or variable, light or moderate; fair; perhaps local morning mist; moderate or high day temperature.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
Temperature is given in degrees F.
Weather Symbols :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◒ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An elongated anticyclone, with an east-west major axis, extends from westward of Ireland over the British Isles. Weather will be fair except probably for some rain or showers in Northern Scotland. Temperature will be mainly about the average for the season but with a tendency to reach higher values in central and western districts.

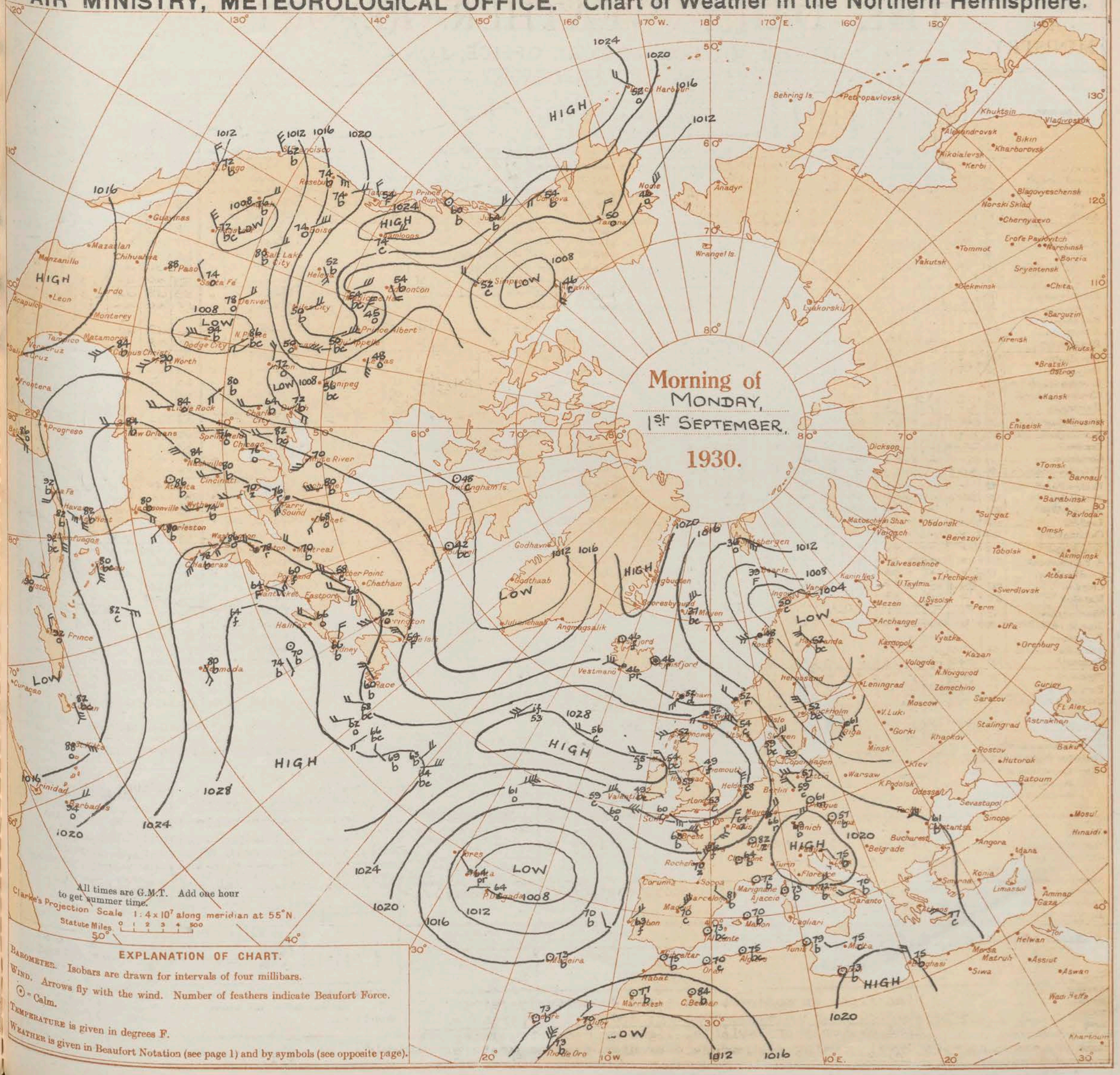
FURTHER OUTLOOK.

Mainly fair except in North Scotland.

Forecasts issued at 1015 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

1st September 1930.

No. 25.120

OBSERVATIONS at 1 hr. G.M.T. 1st September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1021·9	-8	WNW	1	pr₀	51	75	8	3	8	–	4-6	9	1500
Butt of Lewis*	30	1026·0	-6	W	2	•	•	•	6	•	•	•	•	8	•
Wick	81	1025·0	-6	NW	2	c	49	95	8	5	6	–	7-8	10	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1028·0	-2	NW	1	b	53	95	8	4	–	–	Tr.	Tr.	4000
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1026·3	-4	WSW	1	bc	54	95	8	5	–	–	2·3	2·3	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1026·8	-4	SW	2	e m₀	52	85	5	4	–	–	7-8	7-8	4000
Blacksod Point	10	1028·8	0	E'N	1	b	53	85	8	–	–	–	0	0	–
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1026·6	0	NNE	2	c	56	95	6	5	–	–	9+	9+	800
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1026·8	0	NEN	1	bc	53	95	8	–	1	–	0	2·3	–
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1027·6	0	N	2	b	48	96	5	–	–	–	0	0	–
Gorleston	14	1025·8	0	NNE	3	b	58	85	7	1	–	–	1	1	2500
Valentia Obs.†	30	1026·8	0	SE	1	b	57	85	8	–	–	–	0	0	–
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1025·6	0	NE	1	b	55	95	8	–	–	–	0	0	–
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1025·8	+2	NE	2	bc	56	86	7	–	–	5	0	4-6	–
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1024·9	0	NE'E	3	b	57	95	8	–	–	–	0	0	–
Falmouth	200	1024·9	+6	NE'E	2	c	63	85	7	5	2	–	7-8	10	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	
Portland Bill	32	1024·4	+6	NE	4	c	61	85	7	4	–	–	7-8	7-8	2500
Calshot, S'hampton	8	1025·4	+6	NNE	2	b	58	85	7	5	–	–	1	1	4000
Dungeness	20														
Lympne	347	1024·5	-2	NNE	4	o	58	95	8	5	–	–	10	10	1500
Guernsey	173	1023·6	0	NE	2	c	62	95	6	5	–	–	7-8	7-8	2500

OBSERVATIONS at 7 hr. G.M.T. 1st September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1020·9	-4	WSW	2	c/o	52	85	7	6	2	-	4-6	10	1500	1	•
Butt of Lewis*	1023·8	-4	WSW	4	c	52	95	8	6	3	-	4-6	9	1500	1	2
Wick	1024·1	+4	W	2	c	50	95	8	8	7	-	4-6	9	1500	0	2
Tiree	1027·0	0	W'N	3	c	53	75	9	7	3	9	Tr.	7-8	4000	0	1
Nairn	1025·1	•	W	1	c	50	75	8	8	-	-	7-8	7-8	2500	0	•
Aberdeen	1025·4	-4	NW	2	c	50	95	6	1	3	-	Tr.	9	2500	1	0
Malin Head	1028·1	0	NNW	2	bc	54	85	9	7	7	-	2-3	2-3	2500	0	0
Renfrew	1027·0	+2	WSW	2	b	48	85	7	-	3	-	0	1	-	1	•
Inchkeith (Edin.)	1025·4	-2	W	3	bc	50	95	5	5	8	-	2-3	4-6	800	0	1
Leuchars	1026·3	+2	W	2	bc	51	95	8	5	3	-	2-3	4-6	4000	1	•
Eskdalemuir	1027·0	0	SSE	1	c	45	95	8	5	-	-	7-8	7-8	2500	1	•
Tynemouth	1026·5	0	WSW	1	bcf	49	95	3	7	-	-	4-6	4-6	4000	1	1
Blacksod Point	1028·6	+4	E	1	b	52	85	9	–	–	–	0	0	–	0	3
Aldergrove	1028·8	+6	-	0	b	44	95	8	5	-	-	Tr.	Tr.	2500	1	•
Donaghadee	1027·4	+2	NNE	1	b	53	85	8	·	-	-	0	0	-	0	0
Birr Castle	1028·1	+2	SW	1	f	45	95	3	5	-	-	10	10	450	0	•
Holyhead	1026·6	+2	NNW	2	c	54	95	6	5	-	-	7-8	7-8	800	1	0
Liverpool (Bidston)	1026·9	0	SE	2	bc	54	95	5	5	-	-	2-3	2-3	1500	0	•
Chester (Sealand)	1026·4	0	SSE	2	z	53	95	5	5	-	-	1	1	4000	0	•
Harrogate	1027·5	0	S	1	c	51	90	7	5	-	-	7-8	7-8	2500	1	•
Spurn Head	1027·2	0	NW'W	1	bc	55	95	7	2	-	9	2-3	2-3	4000	0	2
Birmingham	1028·1	+2	ESE	1	m	53	95	4	-	-	-	0	0	-	1	•
Cranwell	1027·7	+2	W'S	2	bcf	50	95	2	5	3	-	1	2-3	5700	1	•
Gorleston	1026·2	+3	N	3	bc	56	85	7	7	-	-	4-6	4-6	4000	0	2
Valentia Obs.†	1026·3	+2	E	1	bc	49	95	9	5	-	2	1	2-3	4000	2	0
Roches Point	1025·8	+6	N	1	bc	51	95	8	5	-	9	1/	4-6	2500	0	0
Pembroke	1026·1	+4	NE	2	bc	57	95	6	5	6	-	2-3	4-6	2500	0	1
Ross-on-Wye	1027·2	0	E	1	F	51	95	1	5	-	-	10	10	450	0	•
Leafield	1027·2	+6	NE'E	1	bc	52	95	6	5	-	-	4-6	4-6	450	0	•
Cardington	1027·0	+8	NE	2	o	53	95	5	5	-	1	Tr.	Tr.	2500	1	•
Winchester	1026·4	+4	NNE	3	c	52	95	7	5	-	-	9+	9+	800	0	•
S. Farnborough	1026·4	+6	NE	2	c	52	95	6	5	-	-	9+	9+	450	0	•
London (Kew)	1027·4	+10	NNE	2	c	53	95	5	5	-	-	9	9	800	0	•
Croydon	1026·8	+2	NE'E	1	z	54	95	5	5	-	-	4-6	4-6	800	0	•
Manston	1025·6	+8	NE	3	c	60	75	8	5	-	-	9	9	4000	0	•
Shoeburyness	1026·6	+4	NNE	4	b	50	95	7	4	-	-	1	1	2500	1	•
Clacton-on-Sea	1026·4	+6	N	4	bc	53	95	7	1	-	-	4-6	4-6	800	0	3
Felixstowe	1026·7	0	N	2	b	56	85	7	1	-	-	1	1	4000	0	0
Scilly (St. Mary's)	1025·1	+6	ESE	4	c	60	95	6	5	-	-	9	9	2500	0	2
Falmouth	1020·8	+10	NE'E	3	c	61	95	7	5	2	-	7-8	10	4000	0	1
Plymouth	1025·6	+8	E	4	b	59	85	6	5	-	-	1	1	1500	0	1
Portland Bill	1025·4	+12	NE	4	b	57	85	7	-	-	-	0	0	-	0	3
Calshot, S'hampton	1026·3	+6	N	3	b	54	95	6	7	5	-	<1	1	2500	0	0
Dungeness																
Lympne	1025·4	+10	NNE	3	c	58	85	8	5	-	-	9+	9+	2500	1	•
Guernsey	1024·7	+10	NE	3	o	61	95	7	5	-	-	10	10	2500	0	3

PAST 24 HOURS

Stations	Temperature Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 31st Hrs. (36)
Lerwick	57	49	•	0.6	2	3·3 8
Butt of Lewis*	57	50	•	–	0·6	*
Wick	58	47	•	–	0·1	•
Tiree	58	48	35	–	–	12·9
Nairn	60	46	•	1	–	2·3
Aberdeen	58	48	44	0.3	–	2·2
Malin Head	57	45	*	–	–	~~4·7~~ 12·7
Renfrew	65	43	33	0·1	–	2·0
Inchkeith (Edin.)	62	50	49	–	–	4·5
Leuchars	59	46	39	0.3	–	0·2
Eskdalemuir	59	38	32	0.3	–	0·6
Tynemouth	57	46	44	1	–	•
Blacksod Point	60	51	•	–	–	•
Aldergrove	61	38	29	–	Tr.	7·3
Donaghadee	61	49	•	–	–	•
Birr Castle	65	43	33	–	–	8·0
Holyhead	60	54	44	–	Tr.	3·0
Liverpool (Bidston)	60	52	50	–	–	1·1
Chester (Sealand)	65	49	45	Tr	–	4·4
Harrogate	59	48	44	–	–	0·5
Spurn Head	60	52	*	1	Tr.	2·0
Birmingham	67	49	37	Tr	–	4·1
Cranwell	63	43	39	0·1	Tr.	0·6
Gorleston	68	54	50	Tr.	Tr.	0·0
Valentia Obs.†	69	47	44	–	0·1	10·5
Roches Point	63	49	•	–	Tr.	•
Pembroke	64	54	*	–	–	7·7
Ross-on-Wye	67	50	43	0·1	–	3·1
Leafield	67	48	38	Tr	–	2·5
Cardington	67	49	44	Tr	Tr.	0·3
Winchester	72	49	42	–	–	4·7
S. Farnborough	72	50	44	–	–	3·3
London (Kew)	72	51	49	–	–	3·1
Croydon	72	53	48	–	Tr.	3·0
Manston	73	58	55	–	–	4·1
Shoeburyness	74	51	48	–	Tr.	2·8
Clacton-on-Sea	72	52	49	–	–	0·7
Felixstowe	71	50	45	–	–	0·4
Scilly (St. Mary's)	62	57	*	Tr.	–	6·1
Falmouth	71	60	•	–	–	7·1
Plymouth	73	59	57	–	Tr.	7·7
Portland Bill	72	55	*	–	–	•
Calshot, S'hampton	73	53	51	–	–	4·2
Dungeness			*			•
Lympne	78	56	55	Tr.	Tr.	4·6
Guernsey	74	61	59	–	–	10·8

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cm₀bc	bcc	cbvcm₀	72	51	48	-	-	2·8	•	•	6
Croydon	244	cm₀⊗	cz₀	cmbcm	72	53	48	-	Tr.	3·0	•	•	•
Greenwich (Royal Observatory)	149	cz	c	cbvc	75	51	44	-	Tr.	1·9	73	70	6 7
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2·1	•	•	•
Westminster (St. James' Park)	27	•	•	•						3·5			•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	1·6	•	•	•
Camden Square	110	c	c	•	74	52	-	-	-	•	•	79	•
Kensington Palace	80	bco	oco	•	73	53	47	-	-	•	At 18h. 35	79	•
Hampstead Observatory	450	bc	bc	•	70	47	*	—	Tr.	3·7 2	•	78	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington.	1·5	8h 31st 9h - 7h 1st	40·3	12h 31st 8h 1st
Kew Observatory.	0·1	6h 1st	40·1	21h 31st

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 31st August Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 1st September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1019·9	NNE	2	z	81	1023·5	NNE	2	z	64	84	64	-	-
Brussels	1021·5	N	2	o	64	1024·3	NE	3	zd₀	57	79	55	-	5
Berlin	1016·8	-	0	z	79	1019·3	NW	2	c/r	59	84	59	-	1
Zürich						1022·6	S	1	m	59		57		-
Rome						1020·3	ENE	2	b	72		57		-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beau-fort. No.	Statute m/h.	Beau-fort No.	Statute m/h.	Beau-fort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.

Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. Simpson, C.B., D.Sc., F.R.S., Director.

* 1 hr. observations are from Stornoway. † 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

2nd September 1930.

No. 25121

OBSERVATIONS at 13h. G.M.T. 1st SEPTEMBER

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	1021.4	+4	WSW	2	c	55	85	8	8	7	-	4-6	9	1500
Butt of Lewis*	1023.7	-2	WSW	5	c	57	85	8	3	3	-	2-3	7-8	1500
Wick	1023.9	0	W	2	c	508	75	8	8	6	-	4-6	10	1500
Tiree	1027.7	+2	WSW	4	c	58	75	91	5	74	-	9+	9+	2500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1025.7	0	NW'N	2	c	60	65	8	8	4	-	7-8	7-8	2500
Malin Head	1028.7	+6	NNW	2	bc	55	85	9	7	-	8	2-3	2-3	1500
Renfrew	1027.4	-2	NW	3	c	61	65	8	5	-	1	9	9+	4000
Inchkeith (Edin.)	1026.5	+2	WSW	3	c	59	65	8	1	6	1	2-3	7-8	4000
Leuchars	1025.8	0	W	2	bc	63	55	9	1	-	6	2-3	4-6	4000
Eskdalemuir	1027.0	0	WNW	2	bc	58	55	8	2	-	1	2-3	4-6	4000
Tynemouth	1026.1	0	W	2	bc	67	55	7	2	-	1	4-6	4-6	4000
Blacksod Point	1028.3	-2	-	0	b	62	55	9	-	-	-	0	0	-
Aldergrove	1028.8	-2	NW'N	2	c	59	65	9	7	-	-	7-8	7-8	4000
Donaghadee	1028.6	+2	NNE	1	bc	58	75	8	7	4	-	2-3	4-6	4000
Birr Castle	1028.8	-8	NE	1	b	63	65	8	1	-	-	1	1	4000
Holyhead	1028.3	+2	N	3	b	60	75	8	4	-	-	1	1	2500
Liverpool (Bidston)	1027.9	0	WN	3	c	60	85	7	7	-	-	7-8	7-8	4000
Chester (Sealand)	1027.2	-4	NW'N	3	bc	66	65	8	1	-	-	2-3	2-3	4000
Harrogate	1026.8	0	SW3	2	bc	64	65	7	2	-	8	2-3	2-3	2500
Spurn Head	1027.8	0	SE	2	bc	62	75	7	1	1	-	2-3	2-3	4000
Birmingham	1028.1	0	SSW	2	bc	64	65	8	1	-	-	4-6	4-6	4000
Cranwell	1027.9	-6	-	0	bc	63	65	8	1	-	-	2-3	2-3	2500
Gorleston	1027.8	0	NNE	1	bc	63	75	7	1	-	-	2-3	2-3	4000
Valentia Obs.	1026.9	+6	NE'E	2	bc	64	75	9	-	3	2	0	4-6	-
Rocks Point	1028.8	+2	SE	3	c	61	95	7	3	-	-	9	9	2500
Pembroke	1026.9	+2	SE	2	bc	63	85	7	1	-	1	1	2-3	4000
Ross-on-Wye	1027.2	0	E	2	b	65	65	7	1	-	-	1	1	4000
Leafield	1027.7	0	ENE	2	bc	64	65	8	1	-	-	4-6	4-6	4000
Cardington	1027.8	-2	ESE	1	bc	68	55	8	1	-	-	2-3	2-3	4000
Winchester	1027.1	-6	NNE	2	bc	65	65	7	1	-	-	2-3	2-3	2500
S. Farnborough	1027.1	-4	ENE	2	bc	67	55	6	1	-	-	4-6	4-6	2500
London (Kew)	1028.0	0	N'E	2	c	66	45	6	2	-	-	7-8	7-8	4000
Croydon	1027.3	-2	ENE	2	bc	66	55	7	1	-	-	4-6	4-6	4000
Manston	1027.7	+4	NNE	3	bc	62	65	8	1	-	-	4-6	4-6	4000
Shoeburyness	1028.0	+4	NW'N	1	b	65	75	8	1	-	-	1	1	5700
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1027.7	0	ENE	2	bc	64	55	8	4	-	-	4-6	4-6	2500
Scilly (St. Mary's)	1026.0	0	E'S	5	bc	65	95	6	2	-	4	2-3	4-6	4000
Falmouth	1027.5	0	E'S	4	bc	62	85	7	1	-	1	4-6	4-6	4000
Plymouth	1026.6	-2	E	4	b	67	65	8	1	-	4	Tr.	Tr.	4000
Portland Bill	1026.7	+4	E'S	4	b	64	75	8	1	-	-	Tr.	Tr.	2500
Calshot, S'hampton	1027.2	-2	NE'N	3	bc	69	55	8	1	-	-	4-6	4-6	2500
Dungeness														
Lympne	1026.9	+4	NE'E	4	bc	64	55	9	1	-	-	4-6	4-6	2500
Guernsey	1025.7	+2	NE	3	b	64	85	7	-	4	-	0	1	-

OBSERVATIONS at 18h. G.M.T. 1st SEPTEMBER

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. %. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1020.5	-4	WSW	2	bc	55	85	8	8	4	-	2-3	4-6	1500	0	•
Butt of Lewis*	1023.6	+2	W	5	c	54	55	8	3	3	1	4-6	7-8	1500	0	2
Wick	1023.4	-2	W	1	c	56	95	8	8	2	-	7-8	10	1500	1	2
Tiree	1027.3	-4	WSW	4	c	56	85	9	5	3	-	7-8	9+	4000	0	2
Nairn	1023.8	•	W	2	c	57	85	8	5	-	-	7-8	7-8	2500	0	•
Aberdeen	1024.8	-4	-	0	c/r	57	85	7	8	7	6	4-6	9+	2500	1	0
Malin Head	1028.2	-2	WNW	2	bc	57	85	9	4	8	8	Tr.	2-3	5700	0	0
Renfrew	1027.5	+4	WNW	3	c	56	75	8	5	7	-	4-6	9+	4000	1	•
Inchkeith (Edin.)	1025.9	-4	WSW	3	c	59	75	8	5	2	-	4-6	9+	4000	0	1
Leuchars	1024.0	-6	WSW	3	c	61	65	9	7	7	8	4-6	9+	4000	1	•
Eskdalemuir	1027.1	-2	NW'N	2	bc	54	75	8	4	4	1	1	4-6	4000	1	•
Tynemouth	1026.4	0	NE	1	c	56	85	7	5	1	-	4-6	7-8	1500	0	1
Blacksod Point	1027.8	-4	N	2	bc	60	75	9	5	-	-	2-3	2-3	2500	6	2
Aldergrove	1028.2	-4	-	0	c	58	75	9	4	4	3	1	7-8	5700	1	•
Donaghadee	1027.9	-4	NNE	1	c	57	75	8	5	2	-	4-6	7-8	2500	0	0
Birr Castle	1027.0	-6	NE	1	b	66	65	8	-	-	1	0	1	-	0	•
Holyhead	1027.5	-6	NNE	3	b	57	75	8	5	-	1	Tr.	1	1500	1	2
Liverpool (Bidston)	1027.5	-4	NW	2	b	60	75	8	1	-	8	Tr.	1	4000	0	•
Chester (Sealand)	1027.0	+2	NNW	3	bc	59	85	7	7	-	-	4-6	4-6	4000	0	•
Harrogate	1026.5	0	SW	1	bc	61	75	7	-	-	8	0	2-3	-	1	•
Spurn Head	1026.2	-2	SW'S	2	c	62	85	6	5	1	9	2-3	7-8	2500	0	2
Birmingham	1027.1	-2	SSW	2	b	64	65	8	1	-	-	Tr.	Tr.	2500	10	•
Cranwell	1026.5	-6	SW	2	b	62	75	6	-	-	9	0	Tr.	-	0	•
Gorleston	1027.7	-6	-	0	bc	60	75	7	-	3	-	0	2-3	-	0	2
Valentia Obs.	1026.0	0	NE'E	1	c	62	75	8	1	-	6	1	7-8	4000	0	0
Rocks Point	1027.3	-4	SE	2	c	59	85	7	3	-	-	9	9	2500	0	0
Pembroke	1026.0	-2	NNE	3	bc	63	85	7	1	-	1	1	2-3	4000	0	1
Ross-on-Wye	1026.5	-4	E'S	1	b	65	75	7	-	-	1	6	Tr.	-	0	•
Leafield	1027.2	-4	-	0	b	63	75	8	-	4	-	0	Tr.	-	0	•
Cardington	1027.1	-2	-	0	b	64	55	8	1	-	-	Tr.	Tr.	4000	0	•
Winchester	1026.8	-2	SSE	2	c	63	75	8	1	-	-	7-8	7-8	2500	0	•
S. Farnborough	1026.8	+2	E'S	1	b	65	65	6	4	-	-	1	1	4000	0	•
London (Kew)	1027.4	-2	SE'E	2	c	65	55	8	2	8	7	1	7-8	4000	0	•
Croydon	1026.9	-2	E'S	2	b	63	65	7	-	3	-	0	!	-	0	•
Manston	1027.7	0	ENE	3	b	60	75	8	-	-	-	0	0	-	0	•
Shoeburyness	1028.1	0	E'S	2	b	60	85	8	-	-	-	0	0	-	0	•
Clacton-on-Sea	1028.0	0	E	4	b	61	75	7	-	-	-	0	0	-	0	2
Felixstowe	1028.0	+2	E'S	2	b	60	65	9	-	-	-	0	0	-	0	0
Scilly (St. Mary's)	1026.3	-2	E	4	bc	61	95	8	5	-	-	2-3	2-3	4000	0	2
Falmouth	1027.3	0	E	4	bc	60	85	7	1	-	4	1	4-6	4000	0	2
Plymouth	1026.6	+4	ESE	3	b	63	65	8	-	4	1	0	Tr.	-	0	0
Portland Bill	1026.1	0	E	2	b	62	95	8	-	-	-	0	0	-	0	3
Calshot, S'hampton	1027.1	+2	ESE	3	b	64	75	8	-	-	-	0	0	-	0	1
Dungeness																
Lympne	1027.3	+2	E	3	b	58	65	9	-	-	-	0	0	-	0	•
Guernsey	1025.1	0	NE	3	b	63	75	8	-	1	-	0	1	-	0	2

PAST 24 HOURS.

STATIONS.	Weather. 7h.–13h. 1st (37)	13h.–18h. 1st (38)	18h. 1st to 1h. 2nd (39)	1h.–7h. 2nd (40)
Lerwick	oir,cpr₀	cbc	bccpr	bcpr₀
Butt of Lewis*	cPRc	c	cp	bcprc
Wick	cpr₀c	cPRc	i₀bc	pr₀bc
Tiree	bcc	c	cw	cir₀
Nairn	bbc	bcprc	cpr	c
Aberdeen	bcc	cpr₀cir	c	c
Malin Head	bcv	bccv	bbc	bc
Renfrew	bwbcc	c	cbccw	cw
Inchkeith (Edin.)	bc	c	cbc	bc
Leuchars	bcwbcvy	bcvycv	cvbcw	bcw
Eskdalemuir	cbcy	bcybc	bcb	bwbcw
Tynemouth	bcif	bcc	cbcb	bbc
Blacksod Point	b	b	b	b
Aldergrove	bbc	bcybc	bcbw	bwb
Donaghadee	bbc	bcc	bc	bc
Birr Castle	fcbcb	b	bbc	bccfc
Holyhead	cbcb	b	bw	bw
Liverpool (Bidston)	bccbc	bcb	bv	bwbc
Chester (Sealand)	bccm₀	bz₀	dcm₀	bwwnf
Harrogate	cbc	bcb	bbc	bbc
Spurn Head	bc	bcc	cbc	cw
Birmingham	bmbc	bcb	b	bbcc
Cranwell	bcfwmbc	bcb	bzmw	bmwbc
Gorleston	bc	bcb	bcb	bbc
Valentia Obs.	bcv	bcvc	cbcbw	bwbc
Rocks Point	bcc	c	cz₀bcw	bcw
Pembroke	bcz₀	bcz₀	bcbz₀	bm₀w
Ross-on-Wye	fcmbcb	b	bzbnw	bfwff
Leafield	bc	bcb	bw	bw
Cardington	bm₀bcy	bcby	bwm₀	bwm₀
Winchester	cbcb	bbcyc	bcb	bw
S. Farnborough	cbc	bcyz₀	bz₀b	bwbf
London (Kew)	bcm₀bcy	bcz₀ybcy	bfw	bfw
Croydon	bcm₀	bcy	b	bwm₀
Manston	cbc	bcb	b	bbm₀w
Shoeburyness	bcb	b	b	bm
Clacton-on-Sea	bc	bcb	bw	bw
Felixstowe	bcy	bcyrbv	bv	bwz₀
Scilly (St. Mary's)	cm₀	cbc	bcb	b
Falmouth	obc	bc	bc	bc
Plymouth	bz₀bc	b	b	bw
Portland Bill	b	b	b	b
Calshot, S'hampton	bbc	bcyb	bw	bwm₀
Dungeness				
Lympne	cbcv	bcbvy	bbw	bwb
Guernsey	ocbcb	bbcb	bw	bwb

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered).
c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds,
F, thick fog, „ less than 220 yds.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☋, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

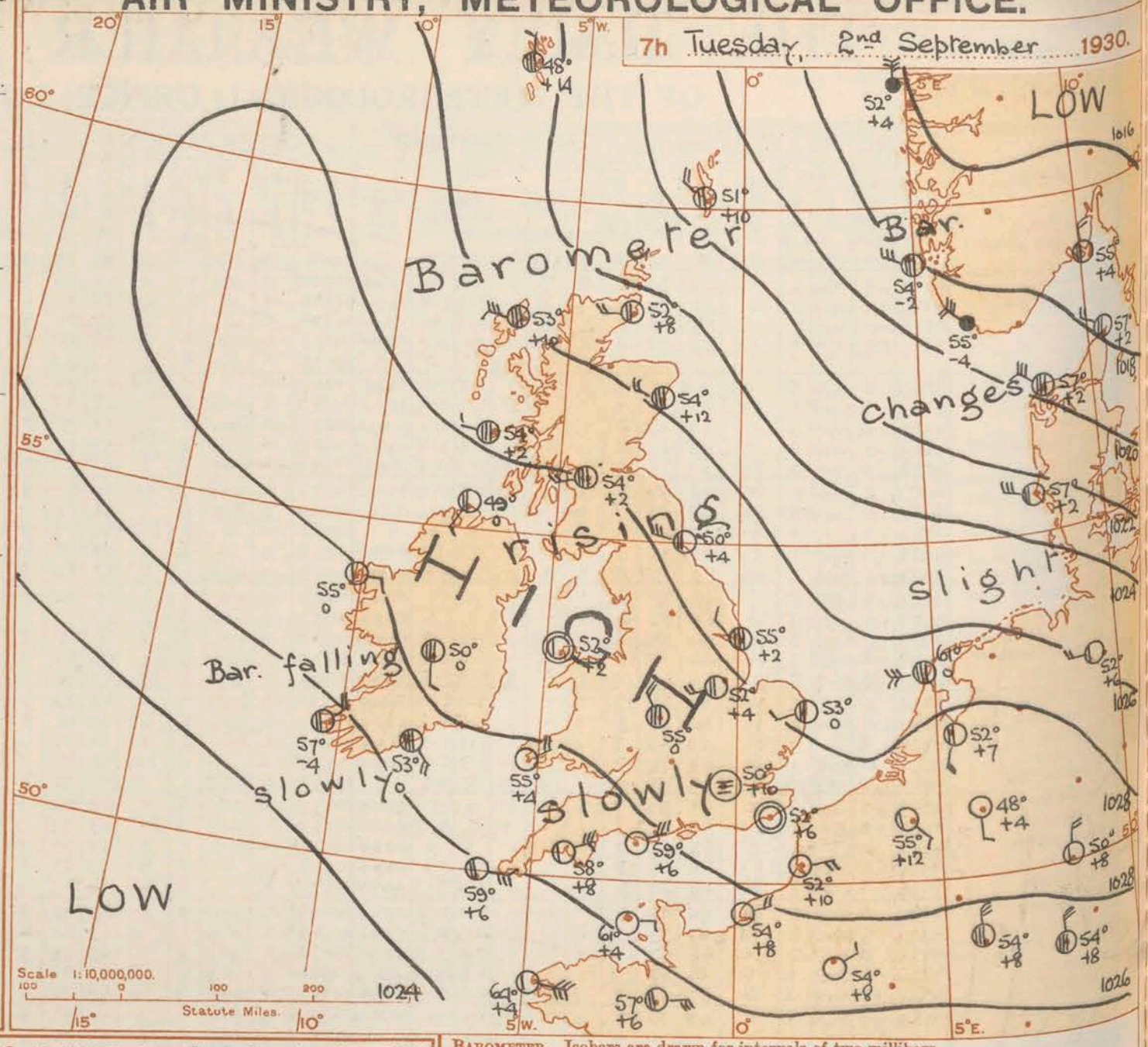
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 1st September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 31/8 to 9h. 1/9	Temperature. Max. 9h.—17h. 1/9	Rainfall. Night. 17h. 31/8 to 9h. 1/9	Rainfall. Day. 9h.—17h. 1/9	Sunshine. Sunrise to 17h. 1/9	Sunshine. Sunrise to Sunset. 31/8
Dunbar ...	bc	c	49	61	-	-	6.3	1.4
Berwick-on-T. ...	bc	bc	47	58	-	-	7.4	1.9
Douglas	bc	bc	50	62	-	-	9.1	7.6
Llandudno ...	cbcb	bbcb	51	63	-	-	6.5	1.0
Colwyn Bay ...	obcbc	bcobc	50	62	-	-	6.7	0.6
Rhyl	cm.bc	bcb	47	62	0.1	-	7.6	0.5
Wallasey ...	cbcb	bbcb	53	63	-	-	7.2	1.7
Southport . ‖	cbc	bcb	51	64	-	-	7.3	3.0
Blackpool ...	cbc	bc	54	65	-	-	6.9	4.4
Morecambe ...	cbbcb	bcbcb	54	66	-	-	7.1	4.0
Ilkley	cmcbc	b	51	68	-	-	6.4	0.3
Cleethorpes ...	mb	bz	49	66	-	-	9.6	1.6
Mablethorpe ...	bcw	bcv	46	63	-	-	10.0	1.1
Skegness... ...	b	b	61	66	-	-	9.8	0.0
Aberystwyth ...	bcuz.	bcbz.	58 2	63	-	-	10.5	7.9
Bath	b	b	55	70	-	-	9.3	4.2
Cheltenham .†	bcb	b	52	69	-	-	10.5	2.5
Leamington Spa	c	c	45	67	-	-	7.3	1.7
Lowestoft ...	b	b	50	63	Trace	-	10.5	0.0
Dovercourt ...	bcv	bv	62	67	-	-	11.0	0.5
Maldon	b	b	53	67	-	-	10.2	0.9
Southend ...	b	b	52	67	-	-	10.5	2.4
Ilfracombe ...	b	b	56	65	-	-	9.1	9.7
Bude	bcb	bcb	56	70	-	-	10.4	8.1
St. Ives	c	c	58	67	-	-	7.0	1.7
Penzance ...	cb	b	59	65	-	-	5.1	6.5
Torquay	b	b	59	64	-	-	8.8	7.2
Jersey	cbc	bc	62	71	-	-	6.2	10.3
Weymouth ...	b	b	54	67	-	-	11.1	5.3
Bournemouth ...	b	b	50	70	-	-	10.5	6.5
Ventnor	bcbcb	bz	55	69	-	-	9.7	8.8
Southsea ...	b	b	54	70	-	-	11.2	4.5
Bognor Regis ...	bcb	b	54	69	-	-	9.4	6.8
Littlehampton ...	bc	bc	54	69	-	-	9.6	8.6
Worthing ...	bbc	b	55	68	-	-	8.8	8.5
Brighton... ...	bcb	bc	56	68	-	-	9.3	7.5
Eastbourne .†	bcbbc	bcb	57	66	0.2	-	8.7	7.0
Hastings †	bcbc	bcb	56	67	0.3	-	8.3	5.0
Folkestone ...	cbc	bcb	58	69	-	-	8.3	4.0
Dover	cb	b	59	67	0.2	-	7.3	1.4
Deal	cb	b	60	68	-	-	8.0	3.1
Tunbridge Wells	bcb	bcb	45	66	-	-	11.0	5.5
Ramsgate ...	bcb	b	59	64	-	-	10.0	4.2
Margate	bcbv	bv	59	66	-	-	9.3	2.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 2nd September 1930
1. S.E. England	Light variable wind; fine; local mist or fog in early morning; rather warm by day, cool at night.
2. E. England...	Light variable or northwesterly wind; fine; mist or fog in early morning; rather warm by day, cool by night.
3. E. Midlands	
4. W. Midlands	As 1.
5. S.W. England	Moderate east or southeast wind; fine; rather warm by day.
6. South Wales	
7. North Wales	As 1.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light or moderate west or northwest wind; fair; moderate day temperature, cool at night.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. A. W. Scotld. B. N.W. Scotland.	Light or moderate northwesterly wind; cloudy; local showers at first; bright periods; moderate day temperature, cool at night.
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	As 19 - 20.
18. N.E. Ireland	Light variable wind; fine; moderate temperature; local morning mist.
19. S.E. Ireland	
20. S.W. Ireland	Light or moderate east or southeast wind; mainly fine; rather warm by day.

GENERAL INFERENCE.

An elongated anticyclone which extends from near Iceland across the British Isles to Germany is rotating slowly clockwise. Weather will be quiet and fine, except for showers in Northern Scotland. Temperature will be rather high during the day in central and southern districts, but the night will be cool generally.

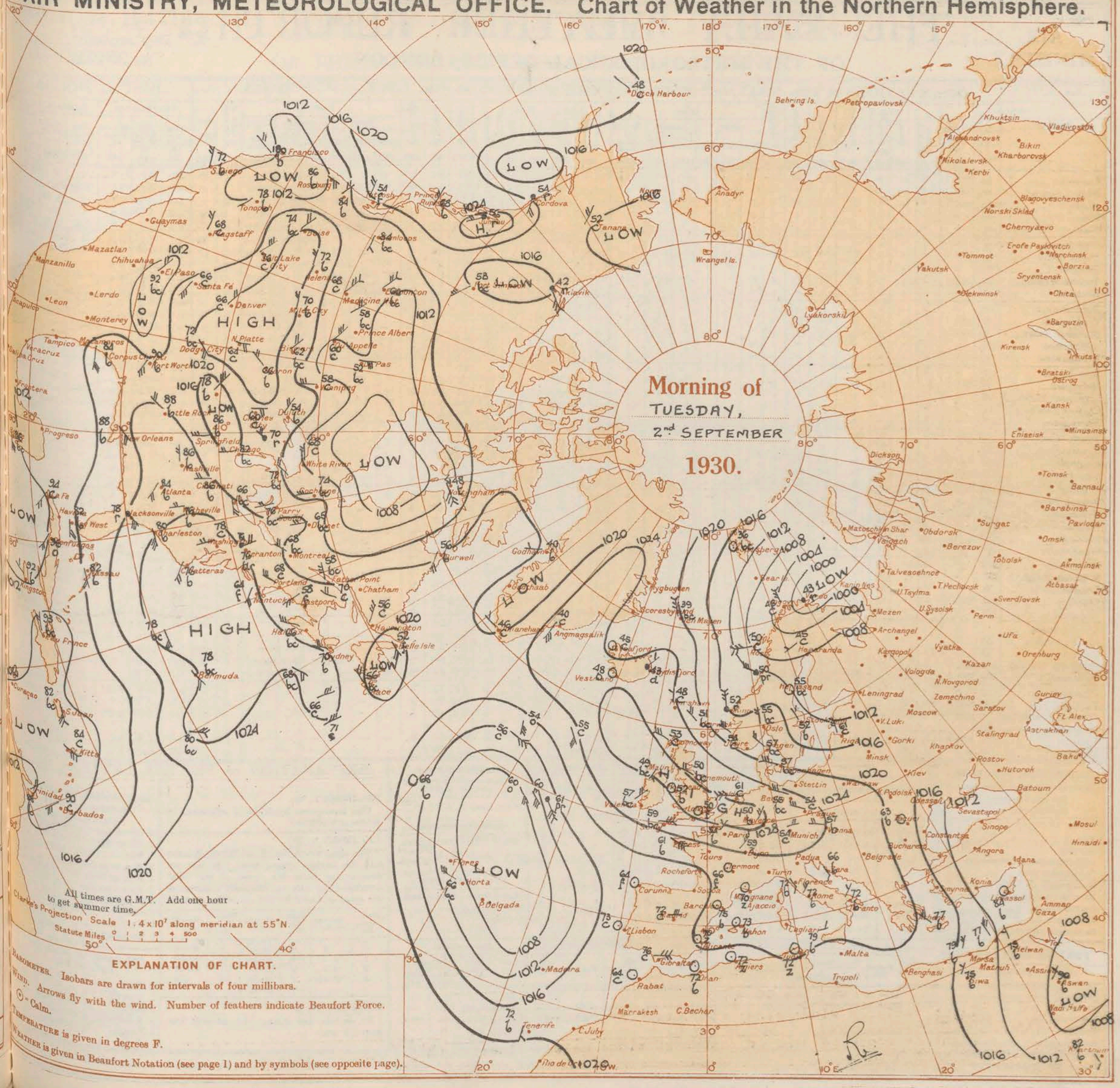
FURTHER OUTLOOK.

Mainly fine.

Forecasts issued at 0940 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

2nd September 1930.

No. 25121

OBSERVATIONS at 1 hr. G.M.T. 2nd SEPTEMBER

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1019.2	-4	W	2	bc	51	95	8	8	–	–	2-3	2-3	1500
Butt of Lewis* ...	30	1025.2	+8	W	1	•	•	•	6	•	•	•	•	10	•
Wick	81	1023.3	+2	W	2	bc	49	95	8	5	–	8	2-3	4-6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head ...	51	1028.5	-4	S	1	bc	49	85	8	4	3	–	4-6	4-6	5700
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1026.4	+2	WSW	3	bc	51	95	8	5	–	–	2-3	2-3	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir ...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth ...	67	1027.1	0	W	2	b	50	85	7	–	–	–	0	0	–
Blacksod Point ...	10	1028.1	0	E	2	bc	55	85	8	–	7	1	–	2-3	–
Aldergrove ...	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee ...	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle ...	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead... ...	26	1028.3	0	–	0	b	53	95	8	–	8	–	0	Tr	–
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate... ...	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head ...	29	1026.7	+2	–	0	bc	55	95	6	5	–	–	2-3	2-3	2500
Birmingham ...	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1027.8	+2	W'N	2	m	52	95	4	–	–	1	–	2-3	–
Gorleston	14	1028.0	0	SW'W	1	b	55	85	7	–	–	–	0	0	–
Valentia Obs.† ...	30	1017.3	0	S'W	1	b	57	95	8	–	–	–	0	0	–
Roches Point ...	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke... ...	150	1027.4	+2	NE	2	b	56	95	6	–	–	–	0	0	–
Ross-on-Wye ...	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington ...	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester ...	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1028.7	+2	–	0	b	50	85	7	–	–	–	0	0	–
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness ...	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe ...	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1026.6	-4	E'N	4	b	58	95	8	–	–	–	0	0	–
Falmouth... ...	200	1027.8	0	NE'N	3	bc	57	85	7	5	–	–	2-3	2-3	4000
Plymouth... ...	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill ...	32	1027.3	+4	E	3	b	60	85	8	–	–	–	0	0	–
Calshot, S'hampton	8	1028.1	+2	NNE	1	b	56	85	8	4	–	–	1	1	2500
Dungeness ...	20														
Lympne	347	1028.5	+2	ESE	2	b	50	95	8	–	–	–	0	0	–
Guernsey	173	1026.1	0	ENE	3	b	60	85	8	–	–	–	0	0	–

OBSERVATIONS at 7 hr. G.M.T. 2nd SEPTEMBER

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1021.5	+20	NW	2	bc	51	85	8	8	1	–	2-3	4-6	1500	1	•
Butt of Lewis*	1025.8	+10	WNW	4	c	53	95	8	8	3	1	4-6	7-8	1500	1	1
Wick	1024.2	+8	W	2	bc	52	95	8	8	8	8	4-6	4-6	1500	0	2
Tiree	1027.5	+2	W'N	1	c	54	95	8	8	6	–	9	9+	2500	1	1
Nairn	1026.0	•	W	2	c	54	75	8	3	9	–	4-6	7-8	2500	0	•
Aberdeen	1026.4	+12	WNW	2	c	54	85	8	5	–	–	9+	9+	2500	1	0
Malin Head	1028.3	0	SW	1	bc	49	85	8	4	8	9	2-3	2-3	5700	0	0
Renfrew	1028.0	+2	WSW	2	c	54	85	7	5	–	–	9+	9+	2500	1	•
Inchkeith (Edin.)	1027.2	+8	WSW	3	bc	52	85	8	5	4	–	1	4-6	1500	0	1
Leuchars	1026.4	+6	WSW	2	bc	54	85	8	5	–	–	4-6	4-6	5700	1	•
Eskdalemuir	1029.0	+2	–	0	bc	44	95	8	5	3	–	2-3	4-6	1500	1	•
Tynemouth	1027.0	+4	WNW	2	bc	50	85	6	1	4	–	2-3	4-6	2500	0	2
Blacksod Point	1027.6	0	E	1	b	55 (corr. 54)	95	9	–	5	–	–	Tr	–	0	2
Aldergrove	1029.1	0	SE'E	1	b	47	95	8	–	3	–	–	Tr	–	1	•
Donaghadee	1028.5	+2	W	1	bc	46	95	7	5	3	–	4-6	4-6	4000	0	0
Birr Castle	1028.3	0	S	1	c	50	95	5	5	–	–	7-8	7-8	1500	0	•
Holyhead	1028.3	+2	–	0	b	52	95	9	–	8	–	–	Tr	–	1	0
Liverpool (Bidston)	1028.5	0	SW	1	bc	54	85	8	4	–	–	2-3	2-3	4000	0	•
Chester (Sealand)	1028.5	+2	–	0	m	44	95	4	5	–	1	1	1	4000	1	•
Harrogate	1028.1	0	SW	2	bc	50	85	8	–	–	9	–	2-3	–	1	•
Spurn Head	1027.3	+2	NW	1	c	55	95	5	5	7	9	2-3	7-8	1500	0	2
Birmingham	1029.2	0	NNW	2	c	55	85	5	5	–	–	9	9	4000	0	•
Cranwell	1028.2	+4	WSW	2	bc	52	95	5	–	–	9	–	2-3	–	0	•
Gorleston	1027.5	0	WSW	1	bc	53	75	6	–	–	8	–	4-6	–	0	2
Valentia Obs.†	1026.2	-4	NE	2	bc	57	95	8	5	5	–	2-3	4-6	5700	0	0
Roches Point	1026.8	0	SE	2	bc	53	95	7	5	–	–	2-3	2-3	2500	0	0
Pembroke	1027.5	+4	ENE	2	b	55	95	6	–	–	–	–	–	–	0	1
Ross-on-Wye	1028.6	0	W	1	F	48	95	1	5	–	–	10	10	<150	0	•
Leafield	1028.7	+6	NW	1	b	54	85	8	–	–	–	–	–	–	0	•
Cardington	1028.4	+8	W	2	b	52	95	6	–	3	–	–	Tr	–	0	*
Winchester	1028.6	0	–	0	b	50	95	7	–	–	–	–	–	–	0	•
S. Farnborough	1029.0	+4	–	0	bf-	43	95	3	–	–	–	–	–	–	0	•
London (Kew)	1029.5	+10	–	0	bf-	50	95	3	–	–	–	–	–	–	0	•
Croydon	1029.3	+6	SW	1	z	51	95	6	–	–	–	–	–	–	0	•
Manston	1028.6	+2	W	1	b	53	95	6	–	–	–	–	–	–	0	•
Shoeburyness	1029.0	0	–	0	m	52	95	4	–	–	–	–	–	–	1	•
Clacton-on-Sea	1028.6	0	W	3	b	52	95	7	–	–	–	–	–	–	0	1
Felixstowe	1028.7	+2	W'S	2	z	57	65	6	–	–	–	–	–	–	0	0
Scilly (St. Mary's)	1025.7	+6	E	4	bc	59	95	7	1	–	9	1	2-3	4000	0	2
Falmouth	1027.3	+6	ENE	5	bc	59	85	8	5	–	1	2-3	4-6	5700	0	3
Plymouth	1027.2	+8	E	1	b	58	85	8	–	–	1	–	1	–	1	0
Portland Bill	1027.4	+6	ENE	3	b	59	85	8	–	–	–	–	–	–	0	3
Calshot, S'hampton	1028.3	+2	N'W	1	b	55	85	6	1	–	–	Tr	Tr	2500	0	0
Dungeness																
Lympne	1028.5	+6	–	0	b	52	95	8	–	–	–	–	–	–	1	•
Guernsey	1026.5	+4	E	1	b	61	75	7	–	–	–	–	–	–	0	2

PAST 24 HOURS.

Stations.	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Min on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 1st Hrs. (36)
Lerwick	57	51	•	1	1	3.3
Butt of Lewis*	57	50	•	0.6	0.1	•
Wick	61	48	•	1	0.5	1.6
Tiree	58	53	48	–	Tr	4.1
Nairn	62	52	•	0.5	0.2	4.2
Aberdeen	61	52	45	1	–	9.3
Malin Head	60	44	•	–	–	5.8
Renfrew	62	45	38	–	–	9.2
Inchkeith (Edin.)	60	49	48	–	–	7.3
Leuchars	65	47	41	–	–	9.1
Eskdalemuir	62	38	36	–	–	•
Tynemouth	67	48	45	–	–	•
Blacksod Point	63	48	•	–	–	10.8
Aldergrove	62	39	31	–	Tr	•
Donaghadee	59	44	•	–	–	7.9
Birr Castle	68	48	38	–	–	10.2
Holyhead	61	49	41	–	Tr	8.1
Liverpool (Bidston)	62	52	48	–	–	9.7
Chester (Sealand)	66	40	35	–	0.1	6.9
Harrogate	66	47	42	–	–	10.1
Spurn Head	64	54	•	–	Tr	7.1
Birmingham	65	50	39	–	–	9.7
Cranwell	67	49	44	–	Tr	12.0
Gorleston	64	51	48	–	–	10.6
Valentia Obs.†	66	51	46	–	Tr	•
Roches Point	62	50	•	–	Tr	10.1
Pembroke	65	53	•	–	–	8.8
Ross-on-Wye	69	46	42	–	–	9.7
Leafield	68	(48) (corr. 45)	34	–	Tr	11.2
Cardington	68	49	44	–	–	8.1
Winchester	68	42	35	–	–	8.9
S. Farnborough	69	38	33	–	Tr	8.8
London (Kew)	68	47	37	–	–	10.7
Croydon	68	46	43	–	Tr	10.5
Manston	64	46	39	–	Tr	11.9
Shoeburyness	66	53	39	–	–	12.4
Clacton-on-Sea	65	50	46	–	–	12.1
Felixstowe	65	53	47	–	–	8.8
Scilly (St. Mary's)	65	57	•	–	–	10.0
Falmouth	63	57 (corr. 56)	•	–	–	11.8
Plymouth	68	54	45	–	–	•
Portland Bill	65	58	•	–	–	12.3
Calshot, S'hampton	71	51	45	–	–	•
Dungeness			•		Tr	9.1
Lympne	65	47	35	–	–	8.7
Guernsey	65	60	56	–		

LONDON OBSERVATIONS.
Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity 15h. G.M.T. % Yesterday.	Humidity 9h. G.M.T. % To-day.	Visibility. 9h. To-day.
KEW ...	18	bcm0 bcy	bcz0ybcy	bfw	68	47	37	–	–	8.8	•	•	6
CROYDON ...	244	bcm0	bcy	bwm0	68	46	43	–	Tr	10.7	•	•	6
GREENWICH (Royal Observatory) ...	149	bcy	bcy	b	70	44	33	–	Tr	10.6	51	66	6
CITY (Bunhill Row) ...	—	•	•	•	•	•	•	•	•	10.3	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•	69	49	45	–	–	9.9	48	69	•
REGENTS PK. (Botanic Gardens) ...	168	•	•	•	•	•	•	•	•	7.5	•	•	•
CAMDEN SQUARE ...	110	cbc	bcb	•	71	50	[illegible]	–	–	•	•	77	•
KENSINGTON PALACE ...	80	bc	bc	•	70	49	40	–	–	•	At 18h. 67	77	•
HAMPSTEAD OBSERVATORY ...	450	bc	bcbm	•	67	49	(43)	–	Tr	10.5	•	73	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 2nd.

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0.6	7hr 2nd	<0.3	13hr 1st 1hr 2nd

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.3	6hr 2nd	0.1	17hr 1st

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 1st SEPTEMBER Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 2nd SEPTEMBER Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
PARIS ...	1024.9	NE	3	bc	68						70		–	
BRUSSELS ...	1026.0	N	3	b	61	1028.8	SE	1	b	55	66	46	Tr	–
BERLIN ...						1025.0	WNW	3	bc	55		50		–
ZÜRICH ...	1022.4	NW	1	bc	75	1025.8	E	1	z	63	84	61	–	–
ROME ...						1023.1	NE	2	b	72		57		–

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beau-fort. No.	Statute m/h.	Beau-fort No.	Statute m/h.	Beau-fort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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 1¼ miles.
5 Poor visibility 2½ "
6 Moderate " 6¼ "
7 Good " 12½ "
8 Very good " 31 "
9 Excellent " beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

*1 hr. observations are from Stornaway. †1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

3rd September 1930.

No. 25122.

OBSERVATIONS at 13h. G.M.T. 2nd September

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1024.6	+16	NNW	3	c	55	65	8	4	7	-	4-6	7-8	1500
Butt of Lewis*	1027.5	+10	W	3	bc	55	85	9	8	3	1	2-3	4-6	1500
Wick	1027.3	+10	W	2	c	56	75	8	8	6	-	4-6	7-8	2500
Tiree	1028.5	+2	NW'N	1	c	58	75	9	5	3	9	2-3	7-8	2500
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1027.2	+2	NW	3	bc	61	65	8	7	-	9	2-3	4-6	4000
Malin Head	1028.3	-4	NE	2	b	57	85	8	7	8	1	1	1	4000
Renfrew	1028.1	-2	WNW	3	c	60	75	8	5	-	-	10	10	4000
Inchkeith (Edin.)	1027.0	0	WSW	3	bc	60	75	7	9	8	-	4-6	4-6	2500
Leuchars	1026.9	-2	WSW	2	bc	66	55	8	7	-	1	4-6	4-6	4000
Eskdalemuir	1027.9	-2	W'S	3	bc	61	65	8	1	-	9	4-6	4-6	4000
Tynemouth	1027.5	+4	ENE	2	bc	60	75	8	2	-	-	4-6	4-6	2500
Blacksod Point	1027.6	-2	E	1	b	66	55	9	-	-	1	0	Tr.	-
Aldergrove	1028.8	-6	W'S	1	b	65	65	8	7	-	1	1	1	2500
Donaghadee	1028.8	0	ESE	1	bc	60	75	9	1	-	8	1	2-3	4000
Birr Castle	1027.6	-4	S	1	b	69	65	8	-	-	9	0	1	-
Holyhead	1028.9	-4	NNE	3	b	61	75	9	1	-	1	Tr.	Tr.	4000
Liverpool (Bidston)	1029.1	0	W'N	2	b	60	75	9	-	-	1	0	Tr.	-
Chester (Sealand)	1028.5	-2	NW'N	2	b	64	65	7	1	-	1	1	1	4000
Harrogate	1027.8	0	NE	1	bc	64	65	8	4	-	-	2-3	2-3	5700
Spurn Head	1027.9	0	ESE	1	bc	62	75	7	4	-	1	2-3	4-6	4000
Birmingham	1028.3	-4	W	1	b	66	55	6	-	-	-	0	0	-
Cranwell	1027.9	-6	NW'N	2	2	65	65	6	1	-	-	1	1	2500
Gorleston	1027.7	+4	NE	1	c	66	85	6	5	-	-	7-8	7-8	4000
Valentia Obs.	1025.6	-6	E'S	2	b	71	65	8	1	-	-	Tr.	Tr.	4000
Roches Point	1027.8	-4	SE	3	bc	62	85	7	5	-	-	2-3	2-3	2500
Pembroke	1027.3	-2	SE	2	b	65	85	7	1	-	1	Tr.	1	4000
Rosa-on-Wye	1027.3	-8	NW	1	2	68	65	6	1	-	-	1	1	4000
Leafield	1026.9	0	NW	1	bc	68	65	8	1	-	-	2-3	2-3	4000
Cardington	1027.7	-4	W	2	bc	69	55	7	1	-	-	4-6	4-6	4000
Winchester	1028.0	-2	S	2	b	69	55	8	1	-	-	Tr.	Tr.	4000
S. Farnborough	1027.8	-10	SE	1	b	70	55	7	1	-	-	Tr.	Tr.	4000
London (Kew)	1028.5	-8	-	0	b	67	45	7	-	-	-	0	0	-
Croydon	1028.2	-6	-	0	b	72	45	7	-	-	-	0	0	-
Manston	1028.2	-4	NE	2	b	70	55	8	1	-	-	Tr.	Tr.	2500
Shoeburyness	1028.4	-4	SSW	1	b	70	65	8	-	7	-	0	Tr.	-
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1028.4	-2	S	3	bc	69	55	8	1	-	-	4-6	4-6	4000
Scilly (St. Mary's)	1025.8	-2	E'S	5	bc	65	95	6	5	-	-	2-3	2-3	4000
Falmouth	1027.4	0	ENE	5	bc	62	85	8	1	-	9R	2-3	4-6	4000
Plymouth	1027.0	-6	ENE	3	b	66	55	8	-	-	1	0	1	-
Portland Bill	1027.4	-4	E'N	4	b	63	75	8	-	-	1	0	Tr.	-
Calshot, S'hampton	1028.4	-2	SE'E	3	b	65	55	8	1	-	1	Tr.	Tr.	2500
Dungeness														
Lympne	1028.2	-6	S'E	2	b	66	45	8	-	-	-	0	0	-
Guernsey	1026.3	-4	ENE	2	b	66	75	7	-	-	-	0	0	-

OBSERVATIONS at 18h. G.M.T. 2nd September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1025.6	+8	NNW	3	bc	52	65	8	7	-	-	2-3	2-3	2500	0	*
Butt of Lewis*	1027.7	+2	WNW	1	c	54	85	9	4	8	-	7-8	9	4000	0	1
Wick	1027.2	+8	W	2	c	54	85	8	8	6	-	4-6	7-8	2500	0	2
Tiree	1028.0	-6	-	0	c	56	75	9	4	3	4	Tr.	7-8	2500	0	1
Nairn	1027.3	*	-	0	c	57	75	8	8	-	-	7-8	7-8	4000	0	*
Aberdeen	1027.6	+8	SSE	1	c	56	85	7	7	-	-	9+	9+	4000	0	0
Malin Head	1027.7	0	NE	3	bc	57	95	8	1	-	4	Tr.	4-6	4000	0	0
Renfrew	1027.8	-2	WNW	2	c	59	75	8	5	-	-	9	9	4000	1	*
Inchkeith (Edin.)	1026.3	-6	WSW	2	bc	61	85	7	5	8	-	1	2-3	1500	0	0
Leuchars	1026.3	-2	N	1	bc	60	85	9	7	3	9	2-3	4-6	4000	1	*
Eskdalemuir	1027.5	-4	WNW	1	bc	60	75	8	1	-	-	4-6	4-6	4000	1	*
Tynemouth	1027.1	-2	ESE	2	bc	56	85	7	1	-	-	2-3	2-3	2500	0	1
Blacksod Point	1025.9	-8	S	1	bc	65	75	9	-	-	9	0	4-6	-	0	1
Aldergrove	1027.6	-6	ENE	1	b	63	75	8	7	-	1	Tr.	Tr.	2500	0	*
Donaghadee	1027.5	-4	SSE	1	b	58	85	8	-	-	8	0	1	-	0	1
Birr Castle	1026.2	-12	SE	1	b	69	65	8	1	-	-	1	1	4000	0	*
Holyhead	1027.3	-6	E'N	3	b	59	75	8	-	-	1	0	Tr.	-	0	1
Liverpool (Bidston)	1027.7	-6	NW'N	2	b	60	65	9	-	-	1	0	Tr.	-	0	*
Chester (Sealand)	1027.3	-4	NW'N	2	b	61	75	7	-	-	1	0	Tr.	-	0	*
Harrogate	1027.5	0	-	0	b	61	75	8	4	-	-	1	1	5700	0	*
Spurn Head	1027.4	0	E'N	1	bc	58	95	7	-	1	-	0	4-6	-	0	1
Birmingham	1027.2	-2	N	2	b	65	65	8	-	-	-	0	0	-	0	*
Cranwell	1027.0	-2	E'S	2	2	62	75	6	-	-	5	0	2-3	-	0	*
Gorleston	1027.4	0	NE'N	1	b	62	85	7	-	-	-	0	0	-	0	1
Valentia Obs.	1024.0	-2	ESE	3	b	68	65	8	-	-	-	0	0	-	0	0
Roches Point	1026.3	-8	SE	2	b	62	85	7	-	-	-	0	0	-	0	2
Pembroke	1025.7	-8	N	2	b	63	85	7	-	-	-	0	0	-	0	1
Rosa-on-Wye	1026.3	-6	E	1	2	67	75	6	-	-	-	0	0	-	0	*
Leafield	1026.9	-6	N	2	b	65	75	8	-	-	1	0	Tr.	-	0	*
Cardington	1026.7	-4	N'E	1	b	67	55	7	-	-	-	0	0	-	0	*
Winchester	1026.6	-6	-	0	b	68	65	8	-	-	1	0	1	-	0	*
S. Farnborough	1026.6	-4	-	0	b	68	55	7	-	-	4	0	Tr.	-	0	*
London (Kew)	1027.0	-6	NNW	1	b	70	55	7	-	-	-	0	0	-	0	*
Croydon	1026.8	-6	SW	1	2	68	55	6	-	-	-	0	0	-	0	*
Manston	1027.1	-4	SE	1	b	63	75	8	-	-	-	0	0	-	0	*
Shoeburyness	1027.1	-10	SW	1	b	63	85	7	-	-	-	0	0	-	0	*
Clacton-on-Sea	1027.0	-6	S	4	b	64	75	7	-	-	-	0	0	-	0	2
Felixstowe	1026.9	-6	SSW	2	c	65	75	8	1	1	-	4-6	7-8	4000	0	1
Scilly (St. Mary's)	1024.7	-4	E'N	4	bc	62	95	7	-	-	8	0	2-3	-	0	2
Falmouth	1026.5	-10	E'N	4	bc	61	75	8	5	-	2	2-3	4-6	4000	0	2
Plymouth	1025.6	-6	E	3	bc	64	45	9	-	-	1	0	2-3	-	0	1
Portland Bill	1027.0	-4	E'N	4	bc	61	?	8	-	4	1	0	4-6	-	0	3
Calshot, S'hampton	1027.2	-6	E'S	3	bc	65	65	8	-	5	5	0	2-3	-	0	1
Dungeness																
Lympne	1027.0	-4	S'E	2	b	63	65	8	-	-	5	0	1	-	0	*
Guernsey	1025.1	-10	NE	2	2	63	85	6	-	-	8	0	4-6	-	0	2

PAST 24 HOURS.

STATIONS.	Weather 7h.–13h. 2nd (37)	Weather 13h.–18h. 2nd (38)	Weather 18h. 2nd to 1h. 3rd (39)	Weather 1h.–7h. 3rd (40)
Lerwick	bccpro	cbc	bcc	cpro
Butt of Lewis*	bc	c	cbc	bcc
Wick	bcroc	c	bc	bco
Tiree	c	cbc	bcwm	bbccw
Nairn	cbc	bcc	cwbc	bc
Aberdeen	cbc	bcc	c	c
Malin Head	bcb	bc	bcb	b
Renfrew	cwc	cw	cbwmo	bwm
Inchkeith (Edin.)	bc	bc	bc	bcco
Leuchars	bcwbby	bcybcv	bcvbcw	cw
Eskdalemuir	bc	bcybc	bcb	bw
Tynemouth	bc	bc	bcb	bbcff
Blacksod Point	b	bbc	b	b
Aldergrove	b	b	bw	bwmo
Donaghadee	bcb	b	b	bw
Birr Castle	cbcb	b	b	bw
Holyhead	b	b	bw	bw
Liverpool (Bidston)	bcbv	bbv	bv	bfw
Chester (Sealand)	bmb	byb	bmow	bwmff
Harrogate	bcb	b	bbc	bbcc
Spurn Head	cbc	bc	bcw	bcw
Birmingham	cb	b	bm	bmw
Cranwell	bmozo	bzoy	bzocmow	cwbcF
Gorleston	bcc	cb	b	bbcw
Valentia Obs.	bcb	byb	b	bbcvy
Roches Point	bc	b	bw	bbcw
Pembroke	bmo	bmo	bmo	bbcmo
Rosa-on-Wye	Fbzo	bz	bzbmw	bFw
Leafield	bbc	bcb	bwmo	bmow
Cardington	bbczo	bcby	bybmow	FF
Winchester	bwhy	by	b	bw
S. Farnborough	bwfb	by	bw	bwFf
London (Kew)	bby	by	bybfw	bfw
Croydon	bbzoy	by	bmow	bmowFE
Manston	bmoby	by	b	bwmo
Shoeburyness	bmb	b	bmo	bcmo
Clacton-on-Sea	b	b	bbc	bcw
Felixstowe	bybc	bybc	bcb	bw
Scilly (St. Mary's)	b	bc	bcb	bbc
Falmouth	bcq	bcq	bcb	bbcq
Plymouth	bbcy	bbcyv	bvy	b
Portland Bill	b	bbc	b	bbc
Calshot, S'hampton	bwmobby	byb	bw	bmo
Dungeness				
Lympne	bbvy	bvy	bwmo	bwmo
Guernsey	b	bbcz	bcbw	bwbcc

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☾, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

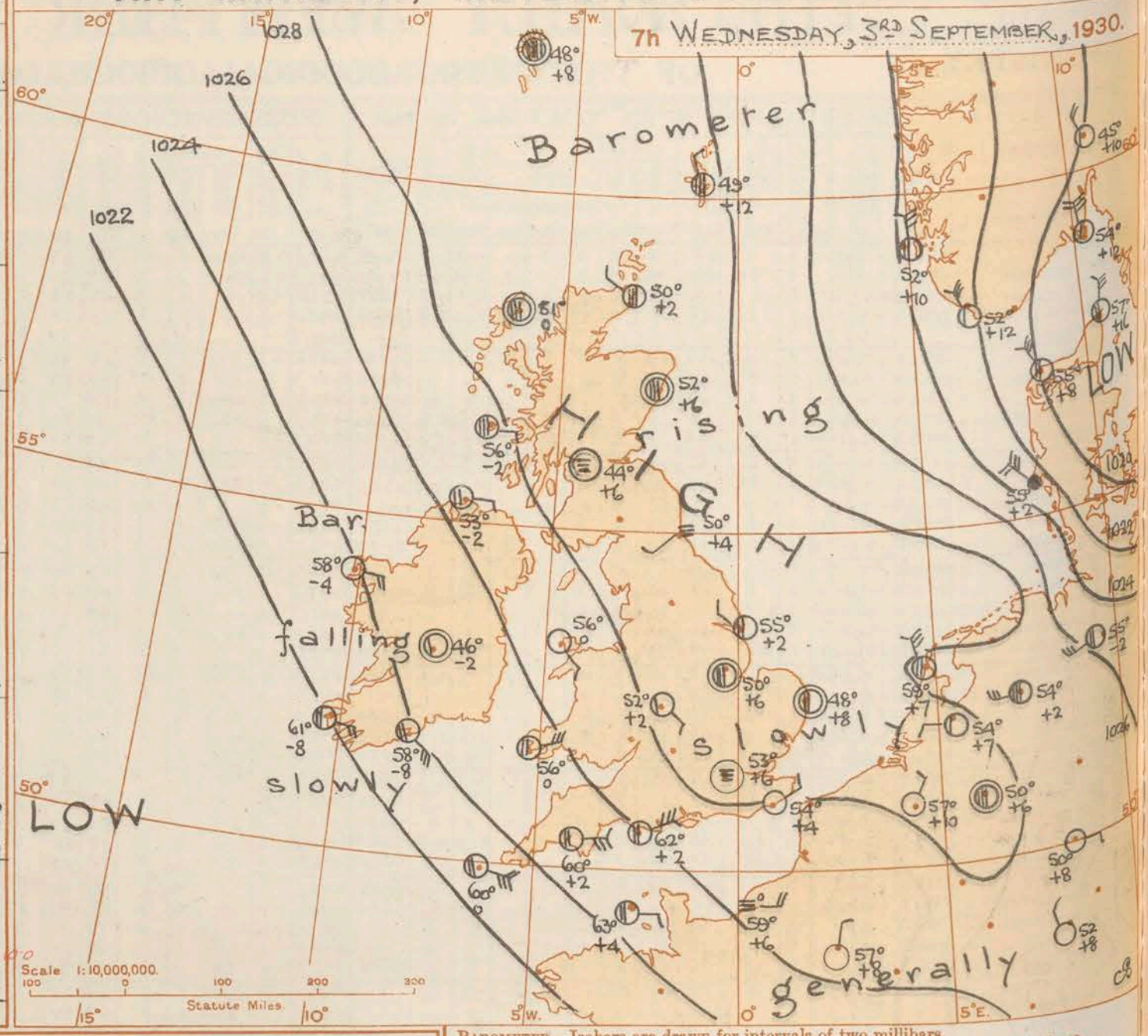
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 2nd September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h.—17h. 2nd	Rainfall. Night. 17h. 1st to 9h. 2nd	Rainfall. Day. 9h.—17h. 2nd	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset. 1st
Dunbar ...	b	b	49	64	-	-	10·1	6·3
Berwick-on-T. ...	bc	bc	45	62	-	-	8.6	7.4
Douglas	bc	bc	46	62	-	-	11.0	9.7
Llandudno ...	b	b	45	62	-	-	10.3	8.2
Colwyn Bay ...	b	b	48	61	-	-	11·2	6·9
Rhyl	b	b	43	63	-	-	10.7	8.5
Wallasey ...	b	b	52	63	-	-	11·3	8.5
Southport . ‖	b	b	50	62	-	-	11.0	8.8
Blackpool ...	bc	bbc	46	64	-	-	10.7	8.1
Morecambe ...	b	b	44	66	-	-	10.3	8.6
Ilkley	b	b	44	70	-	-	9.2	7.5
Cleethorpes ...	bm	b	50	64	-	-	10.7	9.6
Mablethorpe ...	bcw	b	49	63	-	-	8.7	10.2
Skegness... ...	b	bcb	50	66	-	-	8.0	9.8
Aberystwyth ...	bz.w	b	47	63	-	-	11.0	12.0
Bath	b	b	47	72	-	-	10.5	10.7
Cheltenham .†	wz.b	b	48	72	-	-	9.0	11.5
Leamington Spa	bz.b	b	44	69	-	-	8.8	7.8
Lowestoft ...	bbc	cbcb	49	67	-	-	10.0	11·9
Dovercourt ...	b	bc	50	70	-	-	10.5	12.8
Maldon	mb	b	47	73	-	-	10.2	11·3
Southend ...	b	b	52	75	Tr.	-	10.8	11·8
Ilfracombe ...	b	b	55	68	-	-	11.0	10.1
Bude	wb	b	48	70	-	-	11·0	11·0
St. Ives	b	b	55	67	-	-	11·1	8.0
Penzance ...	b	b	55	68	-	-	10.6	6.8
Torquay	bw	b	50	66	-	-	10.8	10.2
Jersey	b	b	63	72	-	-	11.0	7.7
Weymouth ...	b	b	53	67	-	-	10.9	12.4
Bournemouth ...	b	b	46	70	-	-	11.0	11.7
Ventnor	b	b	56	66	-	-	11.0	10.8
Southsea ...	b	b	52	68	-	-	11.0	12.2
Bognor Regis ...	b	b	51	67	-	-	11·1	10.2
Littlehampton ...	b	b	48	66	-	-	11·1	11.0
Worthing ...	b	b	51	65	-	-	11·0	10.0
Brighton... ...	b	b	49	67	-	-	11·1	10.7
Eastbourne .†	b	b	49	66	-	-	11·3	10.0
Hastings †	b	b	51	66	-	-	11·3	9.6
Folkestone ...	wb	b	53	71	-	-	10.8	9.6
Dover	b	b	47	67	-	-	11·2	8·3
Deal	b	b	44	69	-	-	10.3	9.3
Tunbridge Wells	b	b	43	70	-	-	10.9	12·2
Ramsgate ...	b	b	52	65	-	-	11·2	11.0
Margate... ...	b	b	51	67	-	-	11·0	10.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 4/10 clouded. Sky 5/10 to 9/10 clouded. Overcast sky.
Rain falling. Snow. Hail. Fog. Mist. Thunder. Thunderstorm.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd September, 1930.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands	Wind light and variable, becoming east or southeast, light or moderate; fine; mist or fog in early morning; rather warm during day, cool at night.
4. W. Midlands	As 6 - 9.
5. S.W. England 6. South Wales	Wind east or southeast, moderate or fresh; fine; rather warm during day.
7. North Wales 8. N.W. England 9. N. Midlands	Wind east or southeast, light or moderate; fine; perhaps local morning mist; rather warm during day, cool at night.
10. N.E. England 11. S.E. Scotland	As 1 - 3.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland.	As 6 - 9.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 1 - 3.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland	As 6 - 9.
20. S.W. Ireland	As 5.

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

GENERAL INFERENCE.

An anticyclone which extends from east of Iceland across the British Isles to Central Europe is moving eastwards while a depression north of the Azores and west of Ireland is moving northwards. Weather will continue fine and winds will be easterly or southeasterly in most districts.

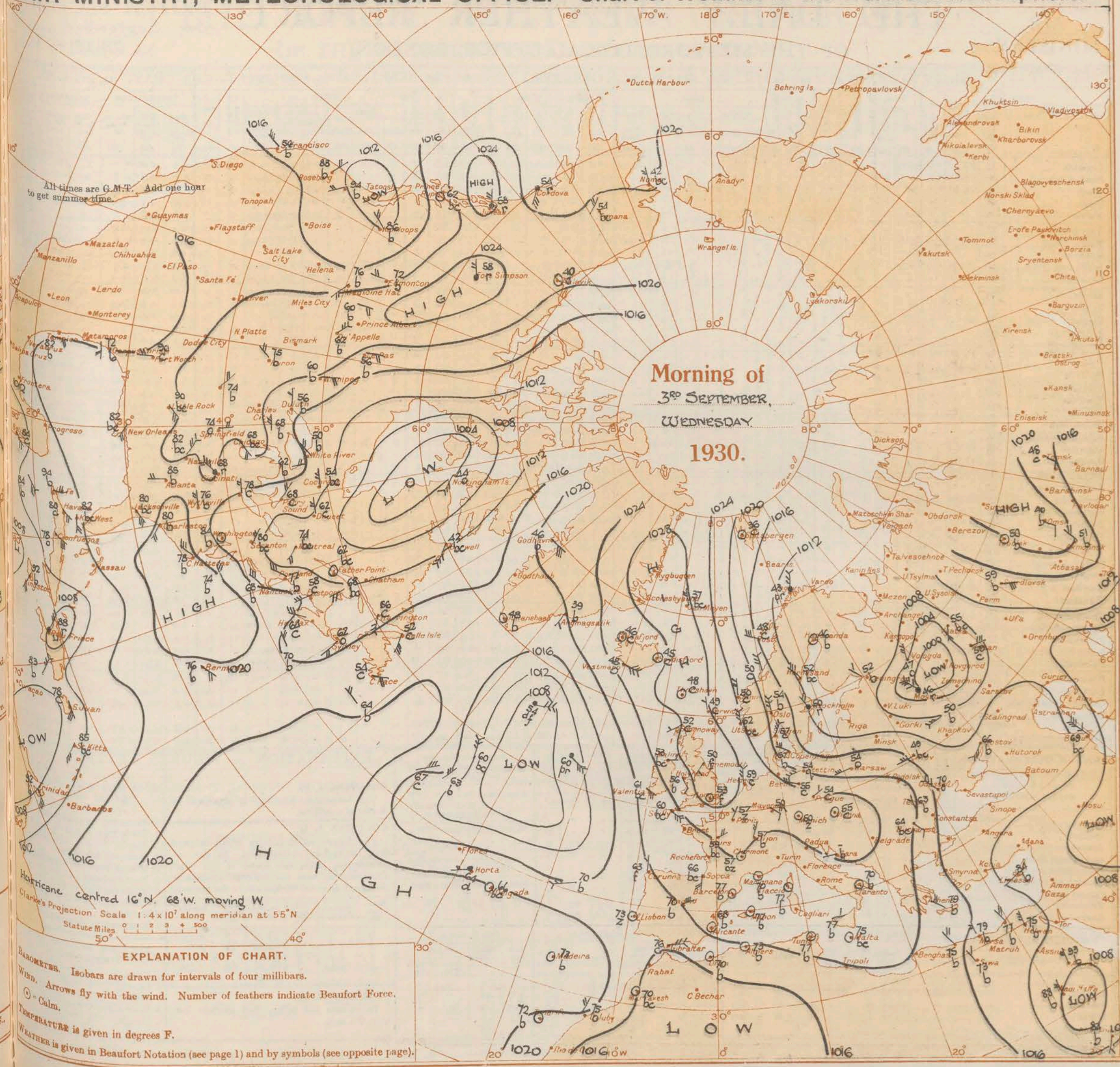
FURTHER OUTLOOK.

Fine and probably somewhat warmer.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

Forecasts issued at 1030 G.M.T.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

3rd September 1930.

No. 25122

OBSERVATIONS at 1 hr. G.M.T. 3rd September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1027.5	+6	WNW	2	c	49	85	8	5	2	–	4-6	7-8	1500
Butt of Lewis*	30	1028.3	+2	–	0	•	•	•	7	•	•	•	•	4-6	•
Wick	81	1028.8	+4	W	2	bc	43	95	8	5	7	–	Tr	4-6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1027.3	-4	ENE	3	b	56	95	8	4	–	–	Tr	Tr	5700
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1027.6	+4	WSW	1	bc	53	95	7	5	–	–	2-3	2-3	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1028.1	+2	N	1	b	51	85	6	–	–	–	0	0	–
Blacksod Point	10	1024.7	-6	SE	2	b	59	95	7	–	–	–	0	0	–
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1026.8	-6	E'S	4	b	56	85	8	–	–	–	0	0	–
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1028.5	0	–	0	bc	54	95	7	5	–	–	2-3	2-3	2500
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1029.0	+4	ESE	1	c	49	95	5	–	3	6	0	7-8	–
Gorleston	14	1028.0	0	–	0	b	52	85	7	–	–	–	0	0	–
Valentia Obs.†	30	1023.6	-6	SSE	4	b	60	95	8	–	–	–	0	0	–
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1025.8	0	ENE	2	b	57	85	7	–	–	–	0	0	–
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1027.7	+2	–	0	b	51	85	7	–	–	–	0	0	–
Manston	136	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1024.0	-8	E	5	b	59	95	8	–	–	–	0	0	–
Falmouth	200	1025.8	0	ENE	4	b	59	85	8	–	–	–	0	0	–
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1026.0	0	E'N	3	b	62	75	8	–	–	–	0	0	–
Calshot, S'hampton	8	1027.2	0	N	1	b	55	85	8	–	–	–	0	0	–
Dungeness	20														
Lympne	347	1027.3	-2	–	0	3	54	75	6	–	–	–	0	0	–
Guernsey	173	1025.4	0	–	0	b	57	95	6	–	–	–	0	0	–

OBSERVATIONS at 7 hr. G.M.T. 3rd September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1028.2	+12	NNW	1	jp	49	95	7	8	3	2	4-6	7-8	800	1	*
Butt of Lewis*	1028.3	0	SW	1	c	52	85	9	5	–	–	9+	9+	5700	0	0
Wick	1029.1	+2	NW	1	c	50	95	8	8	2	–	7-8	9	2500	0	1
Tiree	1027.5	-2	E	1	c	50	95	9	–	3	8	0	9+	–	0	1
Nairn	1027.9	•	–	0	bc	48	85	8	7	–	9	2-3	4-6	4000	0	*
Aberdeen	1029.3	+6	–	0	c	52	95	7	5	–	–	9	9	2500	0	0
Malin Head	1026.5	-2	E	1	bc	53	95	8	4	3	–	1	2-3	5700	0	0
Renfrew	1028.8	+6	–	0	bf+	44	95	3	–	–	–	0	0	–	1	*
Inchkeith (Edin.)	1028.9	+6	WSW	1	c	52	95	6	5	8	–	4-6	7-8	800	0	0
Leuchars	1028.4	+6	E	2	c	56	85	7	5	–	–	9+	9+	2500	1	*
Eskdalemuir	1029.1	0	–	0	b	47	95	8	1	–	–	1	1	4000	1	*
Tynemouth	1028.7	+4	SW	1	cf	50	95	3	1	1	7	2-3	3	4000	0	0
Blacksod Point	1023.9	-4	ESE	2	b	58	85	8	–	–	–	0	0	–	0	3
Aldergrove	1028.0	0	NE	2	b	51	95	6	–	3	–	0	Tr.	–	1	*
Donaghadee	1027.3	+2	–	0	b	51	95	7	–	–	9	0	Tr.	–	0	0
Birr Castle	1025.4	-2	–	0	b	46	95	6	–	–	1	0	1	–	0	*
Holyhead	1026.4	0	SE'S	1	b	56	95	6	–	–	–	0	0	–	0	0
Liverpool (Bidston)	1027.6	0	E	3	f	51	95	3	–	–	–	0	0	–	0	*
Chester (Sealand)	1027.9	0	SE	3	bf	48	95	3	–	–	–	0	0	–	0	*
Harrogate	1029.5	0	–	0	c	50	95	5	5	–	–	7-8	7-8	4000	0	*
Spurn Head	1029.5	+2	NW'W	1	bc	55	95	5	5	–	–	4-6	4-6	1500	0	1
Birmingham	1028.9	+2	SE	2	m	52	95	4	–	–	1	0	Tr.	–	0	*
Cranwell	1029.6	+6	–	0	c	50	95	6	5	3	4	4-6	7-8	5700	0	*
Gorleston	1028.8	+8	–	0	bc	48	95	6	1	–	–	4-6	4-6	4000	0	1
Valentia Obs.†	1021.1	-8	SE'E	2	bc	61	55	9	7	3	2	2-3	4-6	4000	0	0
Roches Point	1023.9	-8	SE	3	bc	58	95	7	5	6	–	1	4-6	1500	0	2
Pembroke	1025.3	0	E	3	bc	56	95	6	–	–	1	0	4-6	–	0	1
Ross-on-Wye	1027.7	0	–	0	bf-	47	95	2	–	–	1	0	1	–	0	*
Leafield	1028.4	+6	ENE	2	b/f	51	95	4	–	–	1	0	Tr.	–	0	*
Cardington	1028.8	+6	NE	1	F	47	95	1	5	–	–	10	10	<150	1	*
Winchester	1027.4	-2	–	0	b	52	95	7	–	–	1	0	1	–	0	*
S. Farnborough	1028.2	+2	–	0	f-	45	95	3	5	–	–	10	10	220	0	*
London (Kew)	1028.6	+6	–	0	bf	53	95	2	–	–	–	0	0	–	0	*
Croydon	1028.6	+6	–	0	bF	51	95	1	–	–	–	0	0	–	0	*
Manston	1028.2	+4	–	0	3	56	95	6	5	–	–	7-8	7-8	1500	1	*
Shoeburyness	1028.6	+4	NE'N	2	b	55	95	5	1	–	–	1	1	1500	1	*
Clacton-on-Sea	1028.6	+6	N	3	bc	53	95	7	1	–	–	2-3	2-3	800	0	2
Felixstowe	1028.5	+10	NNE	2	b	54	95	7	–	–	–	0	0	–	1	0
Scilly (St. Mary's)	1022.9	0	ESE	5	bc	60	95	7	5	–	1	2-3	4-6	4000	0	3
Falmouth	1025.1	-6	ENE	5	bc	60	95	7	5	–	–	2-3	4-6	4000	0	3
Plymouth	1025.4	+2	E	4	bc	60	85	7	–	–	2	0	2-3	–	0	1
Portland Bill	1026.1	+2	E'N	4	bc	62	85	7	–	4	1	0	4-6	–	0	3
Calshot, S'hampton	1027.3	+2	NNE	1	bc	57	85	6	–	–	5	0	4-6	–	0	0
Dungeness																
Lympne	1027.7	+4	ENE	1	3	54	85	6	–	–	–	0	0	–	1	*
Guernsey	1025.2	+4	E	1	bc	63	75	7	–	1	8	0	4-6	–	0	2

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 2nd Hrs. (36)
Lerwick	57	46	*	Tr.	Tr.	10.0
Butt of Lewis*	57	48	*	–	–	•
Wick	58	43	*	–	–	
Tiree	59	42	33	–	Tr.	3.3
Nairn	61	45	*	–	–	2.9
Aberdeen	62	50	48	–	–	2.6
Malin Head	60	49	*	–	–	12.0
Renfrew	62	37	30	–	–	0.5
Inchkeith (Edin.)	63	51	49	–	–	12.0
Leuchars	67	51	44	–	–	8.0
Eskdalemuir	64	40	32	–	–	7.8
Tynemouth	63	49	44	–	–	•
Blacksod Point	68	56	•	–	–	
Aldergrove	67	46	36	–	Tr.	11.9
Donaghadee	62	46	•	–	–	•
Birr Castle	71	45	37	–	–	11.2
Holyhead	61	53	43	–	Tr.	12.5
Liverpool (Bidston)	61	50	45	–	–	11.8
Chester (Sealand)	67	42	39	–	–	12.2
Harrogate	67	46	41	–	–	11.0
Spurn Head	63	54	•	–	Tr.	10.7
Birmingham	69	50	38	–	–	7.1
Cranwell	67	44	38	–	–	10.1
Gorleston	66	46	44	–	Tr.	8.5
Valentia Obs.†	73	59	52	–	–	9.8
Roches Point	64	55	*	–	Tr.	•
Pembroke	67	55	*	–	–	11.1
Ross-on-Wye	72	44	39	–	–	8.4
Leafield	71	46	40	–	Tr.	11.5
Cardington	72	46	45	–	Tr.	10.7
Winchester	72	44	37	–	–	12.0
S. Farnborough	73	42	35	–	Tr.	11.0
London (Kew)	71	50	42	–	–	11.2
Croydon	73	47	43	–	Tr.	11.2
Manston	70	48	40	–	–	11.5
Shoeburyness	71	49	40	–	–	11.5
Clacton-on-Sea	68	52	49	–	–	11.6
Felixstowe	70	49	43	–	–	10.7
Scilly (St. Mary's)	65	58	*	–	–	12.1
Falmouth	63	59	*	–	–	12.1
Plymouth	68	57	55	–	–	12.5
Portland Bill	64	60	*	–	–	*
Calshot, S'hampton	68	52	45	–	–	12.5
Dungeness			*			*
Lympne	68	51	37	–	–	12.0
Guernsey	67	57	50	–	–	12.3

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	by	by	bybfw	71	50	42	–	–	11.2	•	•	3
Croydon	244	b30y	by	bmywfc	73	47	43	–	Tr.	11.2	•	•	5
Greenwich (Royal Observatory)	149	b30y	b3y	bw3	74	47	36	–	Tr.	10.1	47	82	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	10.4	•	•	•
Westminster (St. James' Park)	27	•	•	•	73	55	50	–	–	10.9	43	77	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	7.8	•	•	•
Camden Square	110	b	b	•	73	52	*	–	–	•	•	88	•
Kensington Palace	80	bc	b3b	•	73	52	43	–	–	•	At 18h. 65	83	•
Hampstead Observatory	450	bm	bc bm	•	71	50	*	–	(Tr.)	11.0	•	84	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 3rd

South Kensington. Max.	Time.	Min.	Time.
<1.0	7h 3rd	0.3	10h-19h 2nd

Kew Observatory. Max.	Time.	Min.	Time.
0.4	2h 2nd	0.1	18h 2nd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 2nd September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 3rd September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1022.9	NE	1	b	61	1027.3	NNE	1	3	57	75	54	–	–
Brussels	1026.7	E	2	b	61	1027.9	NE	1	b	57	70	48	–	–
Berlin	1023.4	W	2	c	59	1022.6	WNW	3	c	55	64	52	0.1	1
Zürich	1025.5	SE	1	b	64	1026.6	W	1	o	54	73	50	–	–
Rome						1022.6	–	0	b	73		45		–

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

* 1 hr observations are from Stornoway. † 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

4th. September 1930.

No. 25123.

OBSERVATIONS at 13h. G.M.T. 3rd. September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	1029.2	+6	NE	2	c	53	65	8	9	9	2	4-6	7-8	1500
Butt of Lewis*	1028.7	+2	NE	2	c	56	85	9	8	1	–	Tr.	9+	5700
Wick	1029.2	+6	SSE	2	c	55	85	8	8	2	–	7-8	9	2500
Tiree	1027.4	-6	SE'E	3	c	58	75	9	–	3	8	0	9	–
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1029.6	-2	SSE	3	c	59	75	8	1	3	–	1	7-8	4000
Malin Head	1025.9	-4	E	4	b	59	95	7	–	–	9	0	1	–
Renfrew	1028.1	-6	NE	2	z	63	65	5	–	3	–	0	9+	–
Inchkeith (Edin.)	1028.0	-6	NE	3	c	60	85	6	5	8	–	4-6	7-8	800
Leuchars	1028.5	-6	E	4	c	60	75	8	7	3	–	2-3	7-8	2500
Eskdalemuir	1027.6	-2	S	2	bc	65	65	8	1	3	–	1	2-3	4000
Tynemouth	1028.6	0	SE	2	bc	61	75	7	–	1	–	0	2-3	–
Blacksod Point	1021.9	-18	ESE	3	bc	67	75	8	8	–	4	2-3	4-6	2500
Aldergrove	1026.3	-10	ESE	3	z	67	55	6	–	–	2	0	2-3	–
Donaghadee	1027.0	-2	SSE	1	b	64	85	7	–	–	–	0	6	–
Birr Castle	1023.8	-10	SE	2	c	71	65	7	–	–	2	0	7-8	–
Holyhead	1026.1	-6	NNE	3	z	67	65	6	–	–	6	0	7-8	–
Liverpool (Bidston)	1026.9	0	E'N	3	bc	66	65	5	–	–	8	0	4-6	–
Chester (Sealand)	1026.9	-10	SE'E	3	z	70	65	5	–	–	6	0	2-3	–
Harrogate	1028.6	-6	S	3	b	65	55	7	–	–	–	0	0	–
Spurn Head	1029.7	0	SE'E	3	bc	63	85	8	1	–	–	2-3	2-3	4000
Birmingham	1028.1	0	ESE	3	bc	67	65	7	–	–	3	0	2-3	–
Crauwell	1029.0	-4	ESE	3	b	69	55	8	1	–	1	Tr.	1	4000
Gorleston	1030.1	+2	NE	2	bc	65	75	7	1	–	–	2-3	2-3	4000
Valentia Obs.	1019.8	-10	E'S	3	bc	73	65	8	7	–	2	1	4-6	4000
Roches Point	1023.2	-6	SE	3	bc	65	85	8	5	–	4	2-3	4-6	1500
Pembroke	1025.0	-8	ESE	3	bc	67	75	7	1	–	1	2-3	4-6	4000
Ross-on-Wye	1026.5	-4	E'S	2	z	70	65	6	–	–	2	0	4-6	–
Leafield	1027.5	0	SE'E	2	c	69	65	7	1	–	6	4-6	7-8	5700
Cardington	1028.5	-4	E'S	2	bc	69	55	8	–	–	4	0	2-3	–
Winchester	1026.9	-10	SE	3	z	72	55	7	–	–	2	0	7-8	–
S. Farnborough	1027.3	-10	ENE	2	z	73	65	6	1	–	–	2-3	2-3	4000
London (Kew)	1028.5	-4	E	3	bc	68	65	6	1	–	1	4-6	4-6	4000
Croydon	1028.3	-2	ESE	2	bc	69	65	7	7	–	1	4-6	4-6	2500
Manston	1029.0	+2	NE	3	bc	65	75	7	1	–	–	2-3	2-3	2500
Shoeburyness	1030.0	+6	E	3	bc	64	75	8	1	–	–	2-3	2-3	5700
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1029.6	-2	ENE	3	bc	65	65	8	1	–	–	4-6	4-6	4000
Scilly (St. Mary's)	1022.4	-4	ESE	5	c	65	95	7	8	–	–	9	9	4000
Falmouth	1028.1	0	E'N	6	c	63	85	7	5	7	–	4-6	7-8	4000
Plymouth	1025.1	-2	E	5	b	72	45	8	–	8	–	0	1	–
Portland Bill	1026.3	0	E'N	4	b	65	85	7	–	–	–	0	0	–
Calshot, S'hampton	1027.2	-6	ESE	4	bc	70	65	6	–	–	4	0	2-3	–
Dungeness														
Lympne	1028.1	+2	E'N	4	c	65	65	7	8	–	–	7-8	7-8	4000
Guernsey	1024.9	-2	ENE	1	b	70	65	9	–	–	–	0	0	–

OBSERVATIONS at 18h. G.M.T. 3rd. September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1029.3	0	N	2	b	51	65	8	5	8	–	Tr.	1	1500	0	*
Butt of Lewis*	1027.0	-10	ENE	5	c	55	85	9	3	3	–	2-3	9+	5700	0	2
Wick	1028.5	-6	ESE	2	bc	53	95	8	5	–	2	2-3	4-6	2500	0	2
Tiree	1025.0	-16	ENE	2	c	58	85	8	5	9	8	2-3	7-8	7200	0	1
Nairn	1027.0	*	E	1	c	57	85	8	5	1	–	4-6	7-8	2500	0	*
Aberdeen	1028.1	-6	NE	2	c	56	85	7	5	3	6	1	9+	1500	0	0
Malin Head	1022.7	-14	E	3	c	64	85	6	–	–	6	0	9	–	0	2
Renfrew	1026.4	-8	ENE	2	z	61	75	6	–	3	8	0	7-8	–	1	*
Inchkeith (Edin.)	1027.0	-10	NNE	3	c	56	95	8	5	2	*	4-6	9+	800	0	1
Leuchars	1027.4	-4	ESE	3	c	57	85	8	6	7	–	2-3	9+	1500	1	*
Eskdalemuir	1025.5	-12	–	0	c	64	65	8	5	–	2	4-6	7-8	4000	1	*
Tynemouth	1027.1	-10	SE	3	c	57	85	8	4	–	–	9	9	4000	0	2
Blacksod Point	1019.9	-12	–	0	bc	68	75	7	7	8	–	2-3	4-6	2500	0	3
Aldergrove	1024.3	-12	E	2	z	62	75	5	–	1	6	0	9+	–	1	*
Donaghadee	1024.5	-10	S'E	1	bc	59	85	6	–	2	4	0	4-6	–	0	0
Birr Castle	1021.6	-12	S	1	c	67	65	7	–	–	8	0	9	–	0	*
Holyhead	1023.9	-12	–	0	z	66	75	6	–	–	6	0	9+	–	0	0
Liverpool (Bidston)	1025.0	-6	E'S	3	z	66	65	6	–	–	8	0	7-8	–	0	*
Chester (Sealand)	1024.2	-16	SE'E	3	z	65	75	6	–	–	6	0	9	–	0	*
Harrogate	1027.2	-6	SSE	1	b	62	75	7	–	–	1	0	1	–	0	*
Spurn Head	1028.1	-4	SE	4	bc	58	95	7	–	1	8	6	4-6	–	0	3
Birmingham	1026.5	-4	ESE	3	c	65	65	8	–	–	6	0	7-8	–	0	*
Crauwell	1027.4	-10	E	3	bc	60	75	8	–	–	6	0	4-6	–	0	*
Gorleston	1028.7	-10	NE'E	2	bc	61	75	7	1	–	1	2-3	4-6	4000	0	1
Valentia Obs.	1017.7	-10	ESE	4	c	68	75	8	7	–	–	7-8	7-8	1500	0	1
Roches Point	1020.7	-10	SE	3	c	65	75	7	5	–	4	7-8	7-8	2500	0	2
Pembroke	1023.0	-4	ESE	3	c	65	75	7	8	9	9	4-6	9	4000	0	1
Ross-on-Wye	1024.5	-10	ESE	2	z	69	65	6	–	–	2	0	7-8	–	0	*
Leafield	1026.4	-10	E'S	3	c	63	75	7	–	–	2	0	7-8	–	0	*
Cardington	1027.0	-8	SE	3	c	61	85	7	1	–	6	1	7-8	4000	0	*
Winchester	1025.8	-6	SE'S	1	z	66	75	6	–	–	2	0	7-8	–	0	*
S. Farnborough	1026.3	-2	E	3	bc	64	75	7	–	–	2	0	4-6	–	0	*
London (Kew)	1027.1	-6	E'S	4	bc	63	65	7	–	–	2	0	4-6	–	0	*
Croydon	1027.2	-6	E'N	3	bc	61	75	7	–	–	6	0	4-6	–	0	*
Manston	1027.7	-10	ENE	4	bc	59	75	8	–	–	2	0	4-6	–	0	*
Shoeburyness	1028.2	-10	E'N	4	bc	60	85	8	2	7	5	4-6	4-6	1500	0	*
Clacton-on-Sea	1028.4	-6	ENE	4	bc	61	75	7	1	–	2	2-3	4-6	450	0	3
Felixstowe	1028.5	-10	ENE	3	bc	59	65	9	1	–	4	2-3	4-6	2500	0	2
Scilly (St. Mary's)	1020.8	-8	ESE	5	c	63	95	7	1	6	1	2-3	7-8	4000	0	3
Falmouth	1023.2	-10	ENE	5	c	62	85	7	5	7	–	4-6	7-8	4000	0	3
Plymouth	1023.4	-6	E	6	c	63	65	7	7	3	1	1	9	7200	0	2
Portland Bill	1024.5	-8	E'N	4	bc	63	75	7	–	7	–	0	4-6	–	0	3
Calshot, S'hampton	1025.7	-10	E'S	4	bc	65	85	7	–	–	2	0	4-6	–	0	1
Dungeness																
Lympne	1027.2	-6	ENE	3	bc	58	85	7	–	–	4	0	2-3	–	0	*
Guernsey	1023.3	-10	–	0	c	65	85	6	5	6	–	7-8	9	2500	0	2

PAST 24 HOURS.

Stations.	Weather 7h.–13h. 3rd (37)	Weather 13h.–18h. 3rd (38)	Weather 18h. 3rd to 1h. 4th (39)	Weather 1h.–7h. 4th (40)
Lerwick	cpr₀ ✓	cbc ✓	bc	bcpr₀
Butt of Lewis*	bc	c	bco	ir₀
Wick	c	cbc	bco	c
Tiree	vcir	c	c	cm₀
Nairn	bc	bcc	c	cd
Aberdeen	cbc	bcc	c	c
Malin Head	b	bbcz₀z₀	cbcbz₀	bbccz₀
Renfrew	ff bccz₀	bccz₀	bcm₀	com
Inchkeith (Edin.)	c	c	c	co
Leuchars	cwcbc	bcer₀c	cw	cwm₀
Eskdalemuir	bwbc	bybc	bcbcm₀	bwcm₀w
Tynemouth	bcff	bcc	cbc	bcc
Blacksod Point	bbc	bc	c	p₀c
Aldergrove	bm₀z₀y	bccz₀	cbcc	cm₀r
Donaghadee	b	bbcm₀	bcc	cwm₀
Birr Castle	bbcc	cbcc	cprtl	co
Holyhead	bm₀z₀	cbcz₀	cbcm₀w	pr₀m₀tl
Liverpool (Bidston)	bf bbm	bcm₀	bc	bcmbc
Chester (Sealand)	bfmz₀	bcz₀	cm₀	bcmwpr₀
Harrogate	cb	b	bbc	bccf
Spurn Head	bc	bc	bc	bc
Birmingham	bbc	bc	c	c
Crauwell	cm₀bz₀	bybbc	bcbm₀	cwfcm₀
Gorleston	b	bc	bc	bc
Valentia Obs.	bcrybc	bccyc	c	cidc
Roches Point	bc	bcc	cbc	bccodfoc ff02
Pembroke	bcz₀	bccz₀	cbcm₀	bcbm₀
Ross-on-Wye	bfbz	bcz⊕	cz	cmw
Leafield	bbc	bc	bcbw	bw
Cardington	Feby	bbcybc	bcbw	bwm₀
Winchester	bbcz₀y	cybbcz	cz₀bcbm₀	b
S. Farnborough	ofbmbc	bcbbcz₀	bcb	bcp₀bcwm₀
London (Kew)	bfbcz₀	bcy	bc	bcbwm₀
Croydon	bfcmmbcz₀	bc	bcm₀w	bccm₀w
Manston	bcbmc	bcc	cb	bbc
Shoeburyness	cbm₀b	bc	bc	bc
Clacton-on-Sea	bc	bc	bc	bc
Felixstowe	bc	bcv	bcv	bc
Scilly (St. Mary's)	bcc	cp₀	cbc	ctlrc
Falmouth	bcq	bcq	cbcq bm₀	bccPTLm₀
Plymouth	bcby	b ⊕ yc	cbc	bcctbz₀
Portland Bill	bcb	bbc	cbc	bc
Calshot, S'hampton	bcwmbw	bmbbc	bc	bcwm₀
Dungeness				
Lympne	bbcm₀	bcb	bcbw	bwbc
Guernsey	bccb	bbcc	cbc	bcbz

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_0, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ⊽, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

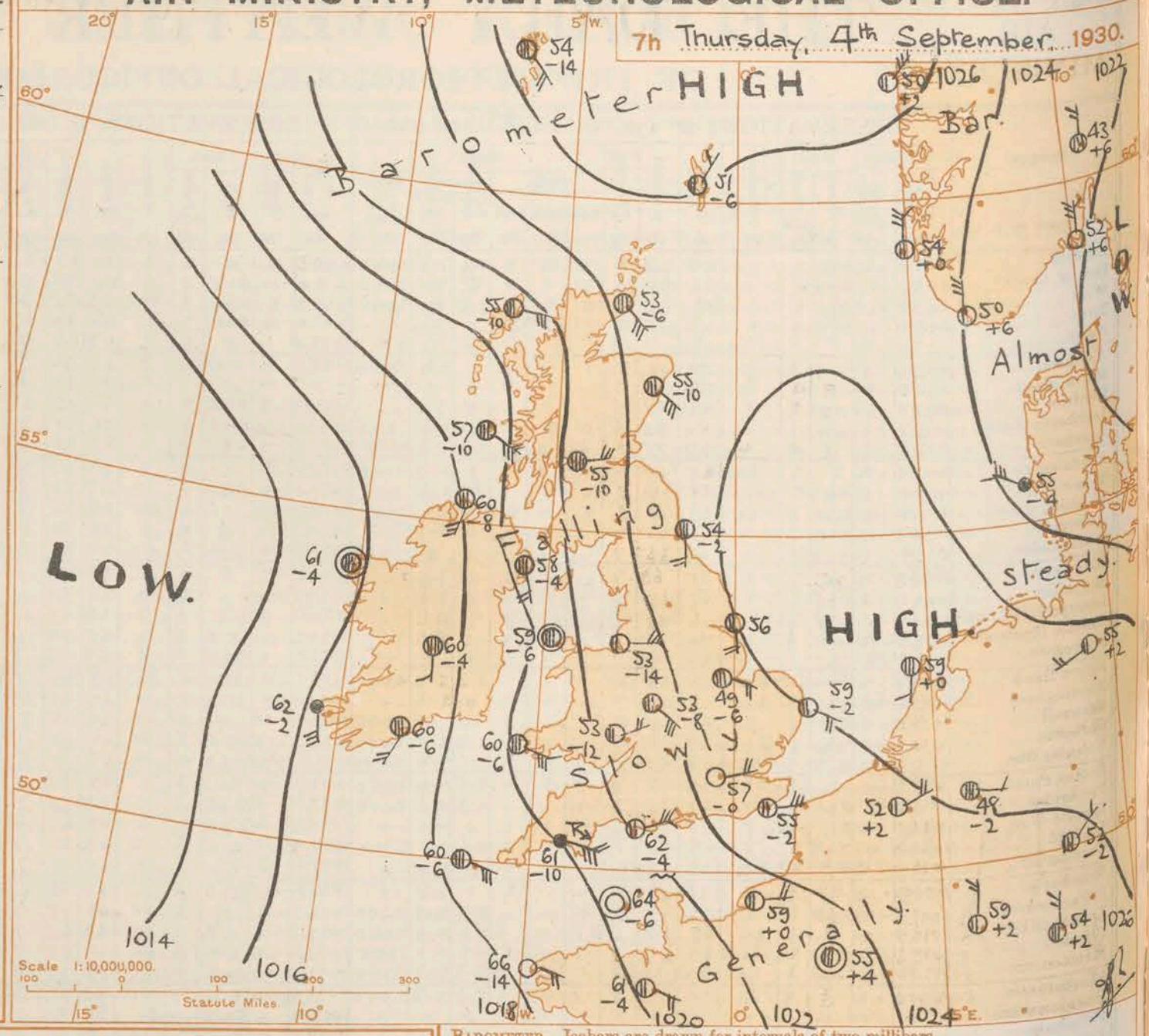
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 3rd SEPTEMBER 1930.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h. 2nd to 9h. 3rd	TEMPERATURE. Max. 9h.—17h. 3rd	RAINFALL. Night. 17h. 2nd to 9h. 3rd	RAINFALL. Day. 9h.—17h. 3rd	SUNSHINE. Sunrise to 17h. 3rd	SUNSHINE. Sunrise to Sunset. 2nd
Dunbar ...	bc	c	48	60	-	-	4.6	10.7
Berwick-on-T. ...	cbc	bcc	44	59	-	-	5.0	8.7
Douglas	bcz	bczcb	48	67	-	-	9.6	12.4
Llandudno ...	b	bbc	50	74	-	-	10.5	11.8
Colwyn Bay ...	b	bbc	47	75	-	-	10.4	12.8
Rhyl	bm.	bm.	44	74	-	-	9.7	12.0
Wallasey ...	bz	bz	50	71	-	-	9.3	12.7
Southport . ‖	bz	bzbcz	46	72	-	-	10.0	12.6
Blackpool ...	cbc	bcc	48	72	-	-	7.8	12.2
Morecambe ...	zbczb	zbc	48	73	-	-	10.5	12.0
Ilkley	b	b	43	67	-	-	8.8	10.8
Cleethorpes ...	fmb	b	47	62	-	-	10.4	11.4
Mablethorpe ...	bwbv	bv	44	63	-	-	10.7	9.6
Skegness... ...	b	b	48	67	-	-	8.4	8.0
Aberystwyth ...	bcz	bcz	53	74	-	-	10.3	12.8
Bath	b	b	49	75	-	-	10.4	12.0
Cheltenham . †	bwzqb	bqbc	46	72	-	-	9.6	10.0
Leamington Spa	b	bc	45	70	-	-	9.0	9.2
Lowestoft ...	b	b	44	64	-	-	10.5	10.3
Dovercourt ...	wbc	bcv	52	65	-	-	10.7	10.5
Maldon	b	bbc	48	66	-	-	8.5	11.0
Southend ...	b	bbc	53	67	Trace	-	9.3	11.4
Ilfracombe ...	b	b	55	75	-	-	10.3	12.4
Bude	wb	bbc	50	75	-	-	9.8	12.0
St. Ives	b	c	57	67	-	-	6.2	12.8
Penzance ...	bc	cbc	58	68	-	-	6.6	12.2
Torquay	wb	bbczc	52	68	-	-	10.2	12.2
Jersey	bc	bc	62	76	-	-	11.0	12.3
Weymouth ...	b	bz	58	68	-	-	11.0	12.4
Bournemouth ...	b	b	47	72	-	-	10.7	12.3
Ventnor	bz	bz	60	68	-	-	10.8	12.2
Southsea ...	b	b	57	72	-	-	10.7	12.1
Bognor Regis ...	b	b	54	70	-	-	10.6	12.1
Littlehampton ...	bcb	bbc	50	69	-	-	10.9	12.1
Worthing ...	b	b	52	69	-	-	10.6	12.1
Brighton... ...	bc	bc	52	71	-	-	10.7	12.4
Eastbourne . †	b	b	51	67	-	-	11.0	12.4
Hastings †	b	b	53	69	-	-	11.0	12.6
Folkestone ...	wb	bbcb	50	70	-	-	10.3	11.8
Dover	bc	bc	49	68	-	-	10.6	12.2
Deal	b	b	46	67	-	-	9.9	11.4
Tunbridge Wells	b	b	47	69	-	-	-	11.9
Ramsgate ...	bcb	b	56	65	-	-	10.0	11.7
Margate	bc	bc	56	64	-	-	10.4	11.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. - ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th Sept., 1930.

DISTRICTS.	FORECASTS
1. S.E. England 2. E. England... 3. E. Midlands	Wind southeast, light or moderate; bright at first, more cloud later, with tendency towards thunder; becoming warmer.
4. W. Midlands 5. S.W. England	Wind southeast, light or moderate; variable sky, local thunderstorms or thundery rains; warmer.
6. South Wales 7. North Wales	Wind southeast, becoming variable or westerly, light; variable sky, local rain and thunder; local coast fog; warm.
8. N.W. England 9. N. Midlands	As 4.
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind southeast, light or moderate; fair at first, local rain and perhaps thunder later; becoming warmer.
13. A. W. Scotld. B. N.W. Scotland.	Moderate southerly wind; cloudy, occasional rain and perhaps thunder; local coast fog; rather warm.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 10 - 12.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 13.

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

GENERAL INFERENCE.

An anticyclone over the North Sea is moving eastward and a depression on the Atlantic is encroaching on our western districts. There will be local rain and thunder in the West, probably spreading to the East by tomorrow.

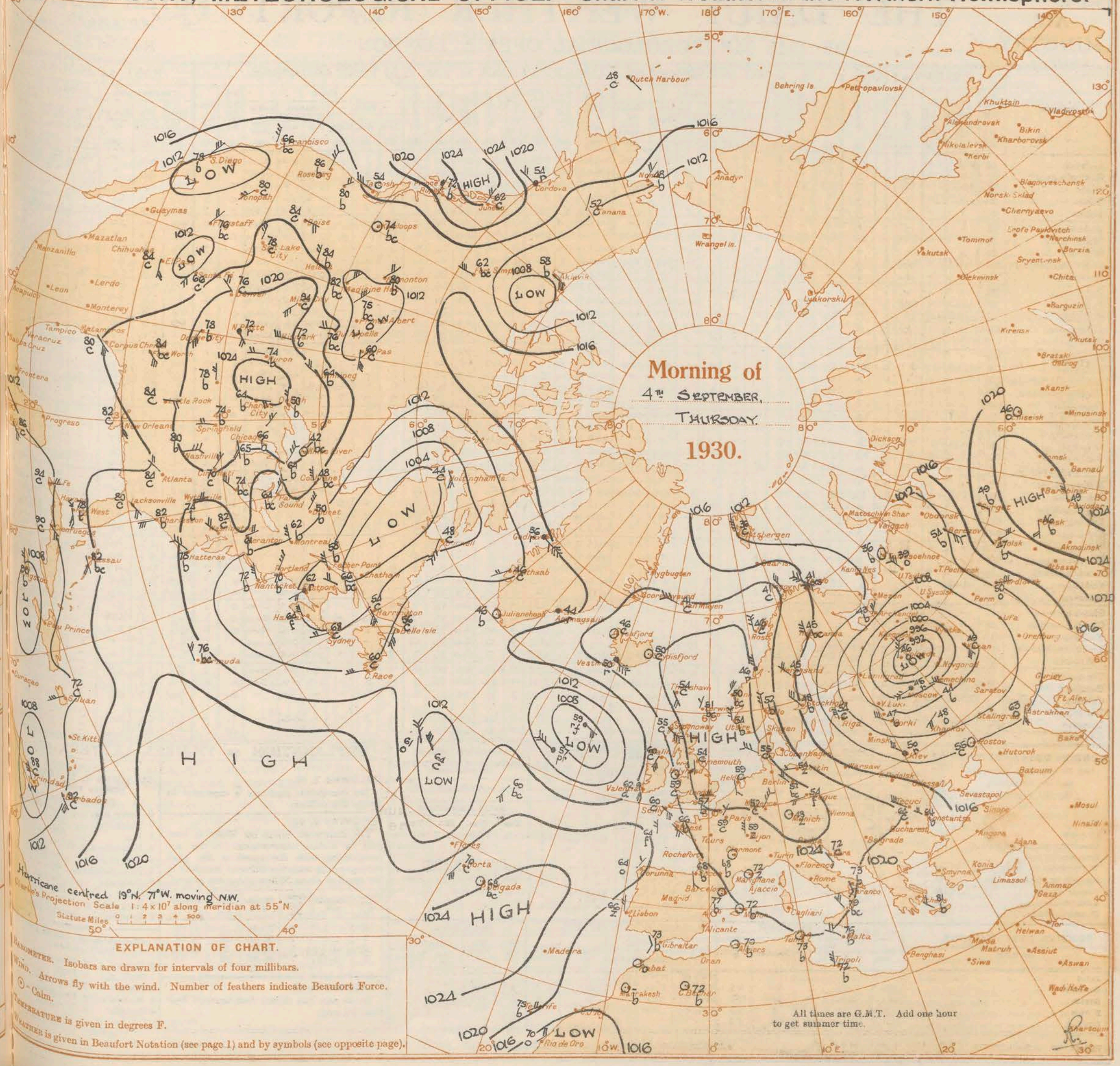
FURTHER OUTLOOK.

Warm with local thunder.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

Forecasts issued at 1015 G.M.T.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ - Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

4th SEPTEMBER 1930.

No. 25,123

OBSERVATIONS at 1 hr. G.M.T. 4th SEPTEMBER

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Cloud. Height of Base. (feet) (14)
Lerwick	54	1028.5	-4	-	0	bc	45	85	8	5	-	-	2-3	2-3	1500
Butt of Lewis* ...	30	1023.5	-6	E	3	•	•	•	7	•	•	•	•	7-8	•
Wick	81	1026.9	-12	SE	3	c	53	85	8	5	2	-	7-8	10	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head ...	51	1020.5	-16	ESE	4	bc	60	85	6	5	8	-	2-3	2-3	2500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1026.1	-4	NNE	3	c	55	95	8	5	-	-	7-8	7-8	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir ...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth ...	67	1026.4	-8	SSW	3	bc	55	85	7	5	-	-	4-6	4-6	1500
Blacksod Point ...	10	1016.8	-6	SE	4	c	62	75	6	5	-	-	9+	9+	800
Aldergrove ...	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee ...	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle ...	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead... ...	26	1022.3	-10	-	0	t	59	85	6	3	8	8	1	4-6	4000
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate... ...	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head ...	29	1027.2	-2	SW'S	2	bc	56	95	7	8	1	-	2-3	4-6	4000
Birmingham ...	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1027.6	0	SE	2	b	46	95	6	-	-	1	-	1	-
Gorleston	14	1027.7	-8	E	3	bc	58	85	7	1	-	-	4-6	4-6	4000
Valentia Obs.† ...	30	1018.3	-6	SE	2	o	60	95	7	5	-	-	10	10	1500
Roches Point ...	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke... ...	150	1022.5	+2	SE	3	bc	61	95	6	7	7	-	2-3	4-6	4000
Ross-on-Wye ...	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington ...	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester ...	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1026.8	-2	E'S	2	3	53	95	6	-	7	8	-	4-6	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness ...	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe ...	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1020.3	-6	ESE	4	r/tlr	62	95	7	9	-	-	7-8	7-8	4000
Falmouth... ...	200	1022.9	0	ENE	3	bc	61	95	6	5	-	-	4-6	4-6	4000
Plymouth... ...	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill ...	32	1023.3	-4	E'N	4	bc	62	85	8	4	3	-	2-3	4-6	2500
Calshot, S'hampton	8	1025.6	-4	E'N	4	bc	59	85	7	-	5	-	-	4-6	-
Dungeness ...	20														
Lympne	347	1026.3	-10	E	3	b	54	95	8	-	-	-	-	-	-
Guernsey	173	1022.8	-4	-	0	bc	62	85	6	5	-	-	4-6	4-6	2500

OBSERVATIONS at 7 hr. G.M.T. 4th SEPTEMBER

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1026.0	-6	NNE	1	bc	51	85	9	5	1	1	2-3	4-6	1500	0	•
Butt of Lewis* ...	1020.9	-10	ESE	5	c	55	95	7	6	2	-	4-6	10	5700	0	2
Wick	1024.8	-6	SE	4	c	53	95	8	5	5	-	7-8	9	2500	0	3
Tiree	1019.2	-10	SE	5	c	57	85	6	5	-	7	4-6	10	5700	0	3
Nairn	1022.7	•	E	1	c/d	53	95	7	3	-	-	7-8	7-8	1500	1	•
Aberdeen	(1026.8)	-10	SE	3	c	55	95	7	6	7	-	9	10	1500	0	0
Malin Head ...	1018.0	-8	SSW	3	c	60	85	6	5	-	8	7-8	9+	2500	0	1
Renfrew	1023.0	-10	E	3	m	55	95	4	5	-	-	10	10	800	1	•
Inchkeith (Edin.)	1024.6	-8	NE	3	o	55	95	6	5	-	-	10	10	800	0	0
Leuchars	1023.1	-14	ENE	2	c	56	85	6	7	8	-	7-8	7-8	4000	1	•
Eskdalemuir ...	1023.3	-10	N	1	c	52	85	6	5	-	8	4-6	7-8	4000	1	•
Tynemouth ...	1024.6	-2	S	2	c	54	85	6	5	-	-	7-8	7-8	1500	0	2
Blacksod Point ...	1015.5	-4	-	0	c	61	95	7	6	-	-	9+	9+	800	0	2
Aldergrove ...	1019.8	-10	ESE	3	ir.	59	85	5	5	1	7	4-6	10	7200	1	•
Donaghadee ...	1020.4	-4	SSE	2	c	58	95	6	5	2	-	4-6	7-8	2500	0	1
Birr Castle ...	1017.7	-4	S	1	o	60	85	7	5	-	-	10	10	2500	1	•
Holyhead... ...	1020.0	-6	-	0	c/pr	59	95	6	8	-	-	9+	9+	4000	1	0
Liverpool (Bidston)	1022.8	-14	E	4	bc	53	85	6	5	-	9	4-6	4-6	1500	0	•
Chester (Sealand)	1022.9	-12	S'E	4	c/pr.	53	95	6	5	-	6	4-6	7-8	1500	1	•
Harrogate... ...	1025.5	-6	SSE	2	cf-	48	95	2	4	-	7	7-8	9+	<150	0	•
Spurn Head ...	1026.0	-2	S	2	bc	56	95	7	1	3	-	2-3	4-6	4000	0	3
Birmingham ...	1024.5	-8	SE	3	c	53	95	7	-	3	-	-	7-8	-	0	•
Cranwell	1025.9	-6	ESE	2	c/f	49	95	6	-	-	6	-	7-8	-	0	•
Gorleston	1026.0	-2	ESE	2	bc	59	75	7	1	-	1	4-6	4-6	4000	0	2
Valentia Obs.† ...	1016.2	-2	S'E	3	id.	62	95	8	5	-	-	10	10	800	0	2
Roches Point ...	1017.6	-6	SW	2	f	60	95	3	5	-	-	10	10	<150	1	2
Pembroke... ...	1020.3	-6	ESE	4	c	60	85	6	5	7	1	4-6	7-8	2500	0	2
Ross-on-Wye ...	1023.1	-12	ENE	2	3	53	95	6	-	6	9	-	4-6	-	0	•
Leafield	1024.4	-6	ESE	3	b	51	95	6	-	-	9	-	1	-	0	•
Cardington ...	1025.1	-4	ENE	2	b	50	95	6	-	4	1	-	1	-	0	•
Winchester ...	1024.0	-6	S	1	b	54	95	7	-	-	-	-	-	-	0	•
S. Farnborough ...	1024.3	-2	E	1	3	53	95	6	-	-	-	-	-	-	0	•
London (Kew) ...	1025.0	0	E	2	b	57	85	5	-	-	-	-	-	-	0	•
Croydon	1024.9	-2	E'S	2	3	56	85	6	-	3	1	-	2-3	-	0	•
Manston	1025.3	-2	E	2	bc	59	85	8	-	3	-	-	4-6	-	0	•
Shoeburyness ...	1025.8	-6	ESE	4	c	60	85	7	4	-	-	7-8	7-8	1500	0	•
Clacton-on-Sea ...	1025.9	-6	ESE	4	bc	60	85	7	1	6	-	2-3	4-6	800	0	3
Felixstowe ...	1026.1	-6	ESE	3	bc	60	75	8	5	3	-	4-6	4-6	4000	0	2
Scilly (St. Mary's)	1018.8	-6	SE'E	3	c	60	95	6	8	-	-	7-8	7-8	4000	1	1
Falmouth... ...	1020.5	0	ENE	4	c	60	95	7	8	-	-	7-8	7-8	4000	1	2
Plymouth... ...	1020.0	-10	ESE	5	tlr.	61	95	6	9	-	-	9+	9+	4000	1	2
Portland Bill ...	1022.6	-4	E'N	4	bc	62	85	7	4	3	-	2-3	4-6	2500	0	4
Calshot, S'hampton	1023.8	+2	ENE	3	b	58	85	6	-	4	-	-	Tr.	-	0	1
Dungeness ...																
Lympne	1024.9	-2	E	3	bc	55	85	7	-	3	-	-	4-6	-	1	•
Guernsey	1021.4	-6	-	0	3	64	75	7	-	-	-	-	-	-	0	1

PAST 24 HOURS.

STATIONS.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 3rd Hrs. (36)
Lerwick	54	~~49~~ 48	•	Tr.	Tr.	5.7
Butt of Lewis* ...	57	53	•	1	0.3	•
Wick	56	52	•	-	-	2.1
Tiree	61	54	51	Tr.	-	6.9
Nairn	60	49	•	-	0.2	3.8
Aberdeen	60	54	50	-	-	10.3
Malin Head ...	65	57	•	-	-	3.7
Renfrew	66	54	51	-	-	6.0
Inchkeith (Edin.)	61	55	54	-	-	2.4
Leuchars	61	54	51	Tr.	-	10.7
Eskdalemuir ...	69	42	43	-	-	•
Tynemouth ...	61	53	49	-	-	•
Blacksod Point ...	69	58	•	-	Tr.	10.1
Aldergrove ...	69	53	44	-	Tr.	•
Donaghadee ...	65	56	•	-	-	•
Birr Castle ...	71	58	48	-	0.6	8.4
Holyhead... ...	68	58	50	-	0.3	10.3
Liverpool (Bidston)	69	52	51	-	-	9.0
Chester (Sealand)	71	51	47	-	Tr.	9.1
Harrogate... ...	66	47	42	-	-	9.2
Spurn Head ...	63	54	•	-	-	11.8
Birmingham ...	69	49	46	-	-	9.8
Cranwell	70	43	37	-	-	9.8
Gorleston	65	57	53	-	-	11.4
Valentia Obs.† ...	74	60	54	-	Tr.	9.1
Roches Point ...	66	59	•	-	0.1	•
Pembroke... ...	68	58	•	-	-	9.6
Ross-on-Wye ...	73	50	42	-	-	10.1
Leafield	70	48	45	-	Tr.	9.3
Cardington ...	69	46	45	-	-	8.7
Winchester ...	73	52	46	-	-	11.1
S. Farnborough ...	72	51	40	-	Tr.	9.1
London (Kew) ...	69	54	47	-	-	8.8
Croydon	69	51	45	-	Tr.	9.2
Manston	65	55	49	-	-	10.4
Shoeburyness ...	67	55	51	-	-	10.0
Clacton-on-Sea ...	65	58	55	-	-	10.9
Felixstowe ...	66	57	54	-	-	11.1
Scilly (St. Mary's)	67	60	•	Tr.	0.2	7.1
Falmouth... ...	64	60	•	-	2	9.3
Plymouth... ...	72	59	58	-	1	8.9
Portland Bill ...	66	61	•	-	-	•
Calshot, S'hampton	70	57	55	-	-	11.7
Dungeness ...			•			•
Lympne	67	51	45	-	-	11.3
Guernsey	72	61	56	-	-	10.3

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility. 9h. To-day.
KEW	18	bfbc3	bcy	bcbwm	69	54	47	-	-	8.8	•	•	7
CROYDON	244	bfem3bc2	bc	bcgwm	69	51	45	-	Tr	9.2	•	•	7
GREENWICH (Royal Observatory) ...	149	bbc3	bc3	bcbgwc	69	49	36	-	Tr	10.1	61	64	6
CITY (Bunhill Row)	—	•	•	•	•	•	•	•	•	9.9	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•						8.6			•
REGENTS PK. (Botanic Gardens) ...	168	•	•	•	•	•	•	•	•	6.5	•	•	•
CAMDEN SQUARE	110	b	cbc	•	69	52	x	-	-	•	76		•
KENSINGTON PALACE	80	b3	bc	•	70	54	46	-	-	•	At 18h. 73		•
HAMPSTEAD OBSERVATORY	450	bm	bc	•	68	44	x	-	Tr	10.5	74 •	69	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 4th

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
1.2	8h-9h 3rd	10.3	16h-20h 3rd

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.6	6h 3rd	0.1	17h 3rd

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 3rd SEPTEMBER Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 4th SEPTEMBER Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
PARIS						1023.4	NNE	1	c	59		57		-
BRUSSELS	1026.3	NE	2	bc	61	1025.8	E'N	2	bc	52	68	48	-	-
BERLIN	1022.7	WNW	4	bc	59	1023.7	NW	2	b	52	63	48	1	-
ZÜRICH	1025.0	SE	1	b	66	1024.4	SW	1	3	52	77	50	-	-
ROME	1021.5	WSW	2	bc	73						88		-	

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

*1 hr. observations are from Stornoway. †1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

5th September 1930.

No. 25,124.

OBSERVATIONS at 13h. G.M.T. 4th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1025.1	-16	ESE	3	c	54	75	8	5	3	-	4-6	9	1500
Butt of Lewis*	1018.4	-10	SE	4	c	58	75	7	6	1	-	4-6	10	5700
Wick	1021.8	-14	ESE	5	c	54	95	8	6	2	-	4-6	10	1500
Tiree	1016.9	-16	SE	5	z	59	85	6	5	-	-	10	10	7200
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1022.3	-18	SE	4	c/r	57	85	6	6	7	-	4-6	9+	1500
Malin Head	1015.9	-10	SSE	4	c	63	95	5	5	-	-	9+	9+	1500
Renfrew	1020.8	-14	NE	2	$r_o r_o$	58	95	4	6	-	-	10	10	1800
Inchkeith (Edin.)	1021.3	-14	NNE	3	o	58	85	6	5	-	-	10	10	800
Leuchars	1021.2	-10	ENE	2	c	59	95	6	5	1	-	9	10	1500
Eskdalemuir	1021.0	-10	S'W	3	c	62	65	7	5	2	-	4-6	10	5700
Tynemouth	1022.2	-14	SSE	3	bc	60	75	7	2	-	-	4-6	4-6	2500
Blacksod Point	1013.9	-6	S	3	;D	64	95	7	9	-	-	9+	9+	800
Aldergrove	1017.7	-16	SSE	4	bc	65	75	6	7	3	-	4-6	4-6	4000
Donaghadee	1018.5	-12	SSE	2	c	58	95	6	5	3	-	4-6	7-8	2500
Birr Castle	1016.5	-6	SW	1	c	66	85	7	5	-	-	9+	9+	2500
Holyhead	1018.9	-10	S	2	z	68	65	6	8	3	-	7-8	9+	4000
Liverpool (Bidston)	1020.2	-8	E	4	o	61	85	5	5	-	•	10	10	1500
Chester (Sealand)	1020.6	-14	SE'E	3	c/r	62	95	5	5	3	-	-6	9+	2500
Harrogate	1023.0	-14	SE	2	ir_o	59	85	7	6	7	-	2-3	10	4000
Spurn Head	1023.6	-6	SE'S	4	c	61	95	7	2	3	9	4-6	7-8	4000
Birmingham	1022.2	-10	SE	3	c	65	75	7	6	3	-	1	7-8	4000
Cranwell	1022.5	-22	SE	4	bc	70	65	7	1	8	1	1	4-6	4000
Gorleston	1025.2	-8	SE	4	bc	62	75	7	7	-	-	4-6	4-6	4000
Valentia Obs.	1015.7	-2	S	4	o	63	95	8	5	-	-	10	10	800
Roches Point	1017.1	-4	SW	1	c	63	95	7	5	-	-	9	9	1500
Pembroke	1018.4	-4	ESE	3	c	66	85	6	5	7	-	4-6	7-8	4000
Ross-on-Wye	1020.8	-14	E'S	3	z	69	75	6	-	6	9	0	4-6	-
Leafield	1022.1	-10	SE'S	3	c	63	75	7	2	7	-	4-6	9+	7200
Cardington	1022.5	-16	SE	3	bc	70	55	8	5	8	-	2-3	4-6	7200
Winchester	1022.1	-10	SE	2	c	68	65	8	-	3	8	0	7-8	-
S. Farnborough	1021.7	-16	SE	3	c	70	55	6	-	8	-	0	7-8	-
London (Kew)	1022.5	-20	SE	3	bc	71	45	8	-	7	-	0	2-3	-
Croydon	1022.6	-14	E'N	3	bc	70	55	8	-	3	9	0	2-3	-
Manston	1023.3	-16	E	4	b	66	65	8	-	-	-	0	0	-
Shoeburyness	1024.4	-10	E'S	5	b	65	75	8	-	-	1	0	Tr.	-
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1025.3	-4	E'S	3	bc	63	65	8	1	-	1	2-3	4-6	2500
Scilly (St. Mary's)	1018.4	-4	WSW	2	c	64	95	5	5	-	6	9	10	2500
Falmouth	1019.6	-10	E'N	4	z	65	85	6	7	-	-	2-3	2-3	4000
Plymouth	1019.3	-6	ESE	4	bc	69	65	6	1	8	-	2-3	4-6	7200
Portland Bill	1020.1	-6	E	4	c	63	85	7	4	4	-	4-6	7-8	2500
Calshot, S'hampton	1022.3	-10	ESE	4	bc	69	65	6	-	8	9	0	4-6	-
Dungeness														
Lympne	1022.9	-14	E	3	b	66	65	7	-	-	-	0	0	-
Guernsey	1019.8	-10	-	0	z	72	65	6	1	1	8	1	4-6	1500

OBSERVATIONS at 18h. G.M.T. 4th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1022.3	-20	SE	2	c	54	65	8	5	2	-	4-6	9	1500	0	•
Butt of Lewis*	1014.9	-16	SE	4	c	59	85	7	6	2	-	4-6	10	5700	0	1
Wick	1017.6	-16	ESE	5	ir_o	55	95	8	6	2	-	7-8	10	1500	1	3
Tiree	1014.0	-16	SE'S	5	z	58	95	6	5	-	-	10	10	2500	0	3
Nairn	1015.9	•	-	0	r	61	85	7	6	-	-	9	9	1500	2	•
Aberdeen	1019.4	-16	SSE	3	r	51	95	6	6	-	-	10	10	1500	0	1
Malin Head	1013.3	-14	SSE	3	c	62	95	5	5	8	-	9	9	1500	0	1
Renfrew	1017.7	-14	E	1	z	61	85	5	5	7	-	7-8	10	4000	1	•
Inchkeith (Edin.)	1018.6	-10	NE	1	o	58	95	6	5	-	-	10	10	800	1	0
Leuchars	1018.3	-18	E	1	$r_o r_o$	58	95	6	6	2	-	7-8	10	1500	1	•
Eskdalemuir	1018.3	-16	S'W	2	c/r	57	85	6	8	2	-	4-6	9	4000	1	•
Tynemouth	1019.4	-16	SSE	2	o/r	57	85	6	6	-	-	10	10	1500	1	2
Blacksod Point	1011.7	-14	SSW	5	c	61	95	7	8	-	-	9+	9+	450	0	3
Aldergrove	1015.3	-16	SSE	3	c	60	85	6	5	-	-	9+	9+	1500	1	•
Donaghadee	1016.1	-14	S'E	2	c	59	95	6	5	-	-	9	9	2500	0	1
Birr Castle	1014.4	-12	SW	1	c	67	85	8	5	-	-	9+	9+	2500	1	•
Holyhead	1016.5	-18	-	0	u	64	85	6	8	-	-	9+	9+	4000	1	0
Liverpool (Bidston)	1017.9	-16	E	4	o	63	85	6	5	-	•	10	10	1500	0	•
Chester (Sealand)	1018.3	-14	SE'E	3	u	64	85	6	8	3	-	9	9+	4000	0	•
Harrogate	1020.2	-14	SE	2	c/r	59	95	5	6	2	-	7-8	10	4000	1	•
Spurn Head	1020.6	-8	SE'S	6	c/pr	59	95	7	8	7	8	2-3	9	4000	0	4
Birmingham	1019.2	-12	SE	3	c	65	65	6	6	5	1	2	7-8	4000	0	•
Cranwell	1020.7	-10	SE	2	c	62	75	7	4	-	4	4-6	7-8	5700	0	•
Gorleston	1022.4	-10	ESE	3	c	60	85	7	-	7	-	0	7-8	-	0	3
Valentia Obs.	1014.7	-2	SSW	3	c/d	61	95	8	5	-	-	9+	9+	800	1	1
Roches Point	1015.8	-12	SW	2	o	61	95	7	5	-	-	10	10	1500	0	2
Pembroke	1016.2	-12	SSE	3	c	63	95	6	5	7	2	4-6	9+	4000	0	2
Ross-on-Wye	1018.2	-16	S'E	1	bc	67	65	6	2	6	1	4-6	4-6	4000	0	•
Leafield	1019.4	-10	SE'S	2	c	65	75	7	8	-	-	7-8	7-8	7200	0	•
Cardington	1020.5	-12	ESE	3	c	63	65	8	8	8	8	4-6	7-8	7200	0	•
Winchester	1019.1	-14	ESE	2	c	67	55	8	4	-	8	4-6	7-8	7200	0	•
S. Farnborough	1019.5	-14	E	1	bc	66	75	6	-	8	1	0	4-6	-	0	•
London (Kew)	1020.4	-12	E'S	4	bc	64	75	8	1	7	-	2-3	4-6	4000	0	•
Croydon	1020.3	-14	ENE	3	z	63	75	6	7	3	-	2-3	4-6	5700	0	•
Manston	1020.8	-18	E'N	4	c	62	85	7	-	3	-	0	7-8	-	0	•
Shoeburyness	1021.5	-16	E	4	bc	60	95	7	5	5	-	2-3	2-3	2500	0	•
Clacton-on-Sea	1022.1	-14	E	4	bc	62	75	7	5	7	-	4-6	4-6	800	0	3
Felixstowe	1021.6	-26	E	4	c	61	75	9	-	3	8	0	9	-	0	2
Scilly (St. Mary's)	1017.5	-4	NWN	3	c	63	95	7	5	-	-	9	9	2500	0	1
Falmouth	1017.7	-14	E'N	3	z	63	95	6	2	6	-	2-3	4-6	4000	0	1
Plymouth	1016.9	-14	ESE	4	pr	64	85	6	9	-	3	9	9	4000	1	2
Portland Bill	1017.9	-8	E	4	bc	63	85	7	4	9	-	4-6	4-6	2500	0	3
Calshot, S'hampton	1019.1	-22	E'S	4	bc	66	75	6	7	4	4	2-3	4-6	4000	0	2
Dungeness																
Lympne	1020.4	-18	ENE	3	bc	61	75	7	-	3	4	0	4-6	-	0	•
Guernsey	1017.7	-10	SE	1	z	71	75	6	1	1	1	2-3	4-6	2500	0	1

PAST 24 HOURS.

Stations	Weather 7h.–13h. 4th (37)	Weather 13h.–18h. 4th (38)	Weather 18h. 4th to 1h. 5th (39)	Weather 1h.–7h. 5th (40)
Lerwick	bcc	c	opr_oc	coir_od$_o$m$_o$
Butt of Lewis*	c	c	op	rr
Wick	cir_oc	prir_o	c$r_o r_o$o	oc$r_o r_o$
Tiree	crirm$_o$	cm$_o$	cirRrR	rrir
Nairn	cbcc	cr	cpr	cpr
Aberdeen	oirc	ccor	orrir_o	om$_o$
Malin Head	cz$_o$b	cz$_o$z$_o$	cz$_o$cpr	bc
Renfrew	bmmrr_om	r_od$_o$rmc	$r_o$om$_o$	oid$_o$m$_o$
Inchkeith (Edin.)	o	o$r_o r_o$	oir_o	ocir_o
Leuchars	cwp$r_o$cm$_o$	c$r_o$cc$r_o r_o$	oir_om$_o$	cm$_o$
Eskdalemuir	c	ci$r_o$mc	cbcm$_o$	bcoirom$_o$
Tynemouth	ci$r_o$bc	bcoir_o	oir_o	o
Blacksod Point	id	c	dd	prc
Aldergrove	ci$r_o$mbcm	bccgm$_o$	crc	crbcb
Donaghadee	$r_o r_o$c	cm$_o$	cm$_o$	cbc
Birr Castle	oc	cor_oc	c	cor_o
Holyhead	p$r_o$rlr_o	rl$r_o$pr	pr_o ff	ff, pr
Liverpool (Bidston)	ccm$_o$	ccpro	cbcbc	cwcm$_o$
Chester (Sealand)	crr_om$_o$	cp$r_o$irm$_o$	cm$_o$b	cwm
Harrogate	efcir_o	cir_o	coir_o	oFFir
Spurn Head	bcc	bcc	cqpr	cpr_oc
Birmingham	c	bc	bccp$r_o$tl	clbcc
Cranwell	cm$_o$bc	bccp$_o$	bccprq	cprbcm$_o$
Gorleston	bc	bcc	cbcp$r_o$lq	bcor_oc
Valentia Obs.	cid$_o$orr_oc	ccidcid$_o$	cid$_o$ir_oc	cidcp$_o$
Roches Point	ffoac	co	oid$_o$c	c
Pembroke	cp$_o$z$_o$	cz$_o$	cbcof	oFFe
Ross-on-Wye	bccPrbc	bccbc	bcclbc	bcmf
Leafield	bccr	cpc	bcctlrbccr	cbcc
Cardington	cbcy	bccyc	ctlr_o	cbcbwc
Winchester	bbc	bcy	bcyprctl	cp$r_o$cm$_o$
S. Farnborough	bwbc	cbcy	bcp$_o$ctlr	bccjpc
London (Kew)	bbcy	bcybc	bcz$_o$bm$_o$	bm$_o$ctlRc
Croydon	bbcy	bccyz$_o$	bcp$r_o$mctl	ctlrm$_o$pr
Manston	bcb	bbc	cbc	bccrm$_o$
Shoeburyness	cb	bbc	bcc	cpr_om$_o$
Clacton-on-Sea	bc	bc	bc	bccpc
Felixstowe	cbc	bccv	cvcz$_o$	cz$_o$qpr_o
Scilly (St. Mary's)	cbccm	coffc	cofd	offrc
Falmouth	bcz	bcz$_o$	bcco	olcdom$_o$
Plymouth	crbcz$_o$	bccqz$_o$PR	cz$_o$bc	bccid$_o$
Portland Bill	bcc	cbc	cPctlz$_o$	com$_o$
Calshot, S'hampton	bwbm$_o$bcm	bcm$_o$	bcbbccm$_o$pr_o	cm$_o$p$r_o$cpcm
Dungeness				
Lympne	cbcb	bz$_o$bc	bcp$r_o$bcbl	ctlTLRrom$_o$
Guernsey	bzbcz	bczbc	cotir	tlrom

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Φ, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

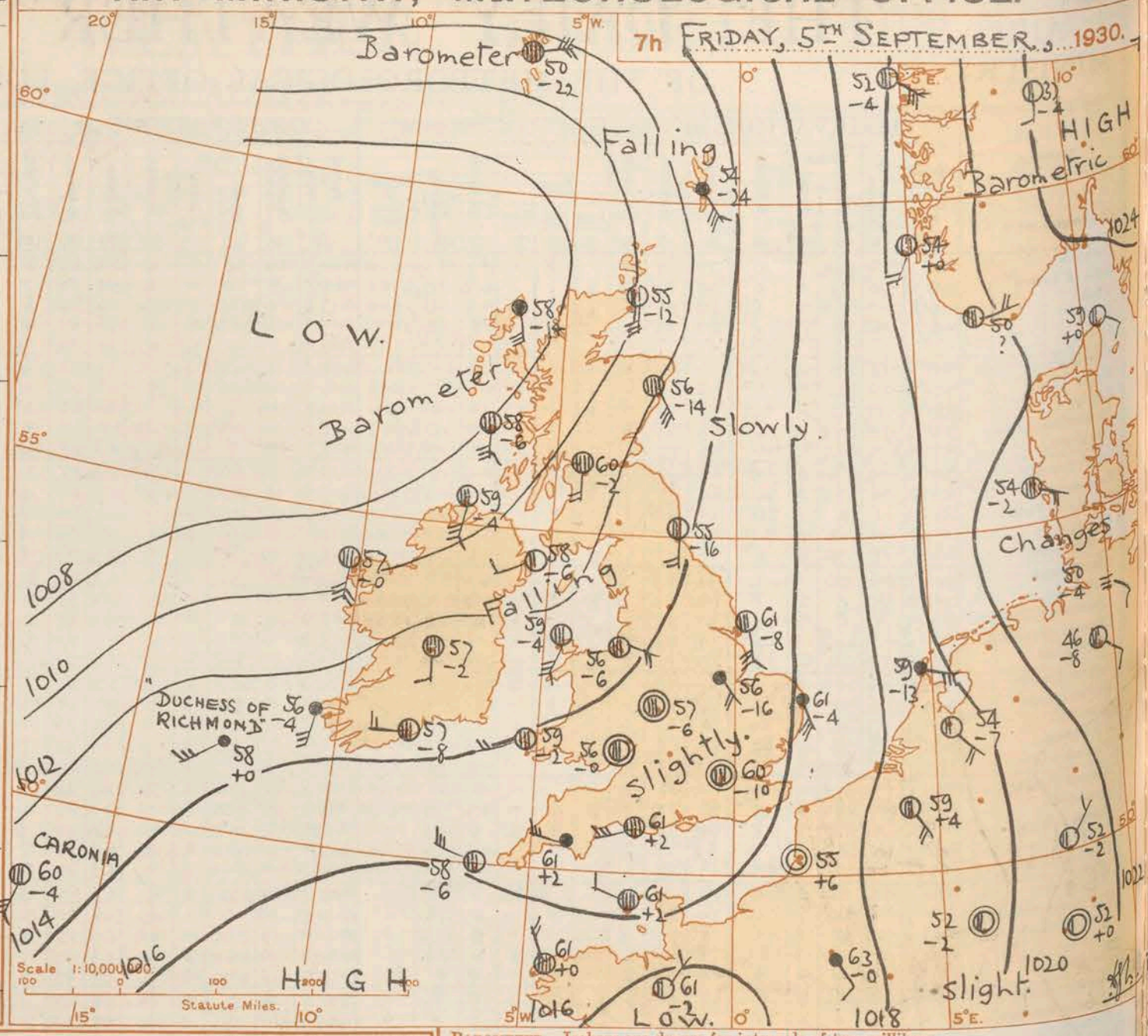
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 4th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 3rd to 9h. 4th	Temperature. Max. 9h.—17h. 4th	Rainfall. Night, 17h. 3rd to 9h. 4th	Rainfall. Day. 9h.—17h. 4th	Sunshine. Sunrise to 17h. 4th	Sunshine. Sunrise to Sunset. 3rd
Dunbar ...	owme	or.	50	61	-	trace	0.0	4.6
Berwick-on-T. ...	oc	co	49	61	2	-	0.3	5.0
Douglas	oTrm	oTrc	56	60	1	6	0.1	9.6
Llandudno ...	c	cRc	58	69	0.5	2	0.5	10.5
Colwyn Bay ...	ro	oro	68	69	1	2	1.1	11.2
Rhyl	cmr	cmr	56	67	-	0.3	1.0	9.7
Wallasey ...	cz	cbcpc	54	66	-	Trace	1.1	9.3
Southport ...	bcoc	ocor	53	64	-	1	(1.5)	10.0
Blackpool ...	cp	codo	54	65	-	0.5	1.4	7.8
Morecambe ...	zbrp	zbpb	54	68	-	1	1.5	10.7
Ilkley	mbcc	cpc	47	63	-	Trace	1.2	9.0
Cleethorpes ...	ocv	cur	48	66	-	Trace	7.7	10.9
Mablethorpe ...	bwbcv	bcor	49	63	-	Trace	8.0	11.3
Skegness... ...	b	bcpro	60	64	-	0.4	5.8	8.7
Aberystwyth ...	bctc	bcpr	59	73	-	1	6.6	(11.7)
Bath	bcb	bbcptr	52	72	-	Trace	5.7	11.4
Cheltenham †	c	cbc	52	70	-	-	5.8	9.6
Leamington Spa	bc	bc	49	69	-	-	6.3	9.0
Lowestoft ...	bc	c	55	63	-	-	10.3	11.0
Dovercourt ...	bc	bc	54	65	-	-	9.2	11.3
Maldon	b	bbc	49	66	-	-	8.2	9.0
Southend ...	bc	bbc	56	68	-	-	8.5	9.6
Ilfracombe ...	cbc	bccbc	61	73	-	-	5.6	10.6
Bude	pcbcp	bc	59	75	1	1	6.9	9.7
St. Ives	b	b	61	72	0.3	-	9.0	7.7
Penzance ...	b	bz	61	70	-	-	9.5	6.7
Torquay	otcpm	tpbcbz	61	67	0.3	Trace	6.7	10.2
Jersey	b	bbc	64	81	-	-	10.5	11.3
Weymouth ...	bbc	bcbz	58	67	-	-	7.7	12.2
Bournemouth ...	bbc	bbcc	54	70	-	-	8.7	11.8
Ventnor	bz	bbcbz	59	67	-	-	9.5	11.7
Southsea ...	b	bbcb	56	71	-	-	9.4	11.3
Bognor Regis ...	b	bbc	55	69	-	-	9.0	10.7
Littlehampton ...	bc	bc	55	69	-	-	10.1	11.7
Worthing ...	b	bbc	55	69	-	-	9.6	11.4
Brighton... ...	bc	bc	56	72	-	-	10.5	11.7
Eastbourne †	b	b	55	68	-	-	10.5	11.7
Hastings †	b	bbcb	55	69	-	-	9.9	11.7
Folkestone ..	wbcb	bbc	56	69	-	-	9.0	10.7
Dover	bbc	bc	57	68	-	-	9.9	11.3
Deal	b	bbc	57	68	-	-	9.0	10.1
Tunbridge Wells	b	bbcb	53	70	-	-	9.3	-
Ramsgate ...	b	bbc	58	65	-	-	10.1	10.6
Margate	b	bc	57	65	-	-	10.4	11.4

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◐ Sky 1/10 to 4/10 clouded. ◐ Sky 5/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊤̲ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 5th Sept., 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Light variable breeze; variable sky, occasional local rain and perhaps thunder, local morning fog; warm.
4. W. Midlands 5. S.W. England 6. South Wales	Wind west, backing south, light or moderate; mainly cloudy, occasional rain later; local fog; rather warm.
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	Moderate southwest wind; mainly cloudy, occasional rain; rather warm.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind south, veering southwest, moderate or fresh; cloudy, rain at times; rather warm.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwest, backing south, moderate, fresh locally; cloudy, rain at times; rather warm.

GENERAL INFERENCE.

A depression off the Hebrides is moving northeast. A secondary trough is now crossing England and further secondaries are approaching from west and southwest. Weather will be rather unsettled generally.

FURTHER OUTLOOK.

Unsettled and rather warm.

Forecasts issued at 0930 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

5th September 1930.

No. 25.124

OBSERVATIONS at 1 hr. G.M.T. 5th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1018.1	-18	SE	3	c j p	53	85	7	3	2	–	4-6	10	1500
Butt of Lewis* ...	30	1010.6	-14	–	0	•	•	•	7	•	•	•	•	10	•
Wick	81	1013.3	-12	S	4	0	55	65	8	6	–	–	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head ...	51	1010.6	-8	S	3	bc j p	61	95	7	8	–	–	4-6	4-6	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1015.2	-12	SE	2	0	58	95	7	5	–	–	10	10	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir ...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth ...	67	1017.0	-8	S	2	0	57	85	6	6	–	–	10	10	1500
Blacksod Point ...	10	1010.4	-8	SSW	5	dd	59	95	6	6	–	–	10	10	450
Aldergrove ...	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee ...	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle ...	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead... ..	26	1014.2	-8	S'W	3	f	59	95	2	5	–	–	10	10	<150
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate... ...	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head ...	29	1017.6	-14	S'E	4	c/pr	60	95	7	3	7	–	4-6	9	4000
Birmingham ...	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1017.9	-14	ESE	2	c/pr	53	95	6	6	3	–	9	9+	4000
Gorleston	14	1019.4	-6	SE	4	bc	61	95	7	6	2	–	2-3	4-6	2500
Valentia Obs.† ...	30	1014.6	0	S'W	2	o/d	57	95	7	5	–	–	10	10	1500
Roches Point ...	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke... ...	150	1015.2	-4	SW	1	3	61	95	5	5	–	–	10	10	1500
Ross-on-Wye ...	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington ...	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester ...	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1015.0	-18	ESE	2	t	61	75	6	8	2	–	4-6	7-8	1500
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness ...	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe ...	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1017.1	-4	SW'W	1	f	60	95	2	5	–	–	10	10	4450
Falmouth... ...	200	1016.9	0	WNW	3	0	61	95	7	5	–	–	10	10	4000
Plymouth... ...	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill ...	32	1014.6	-10	E'N	3	c	63	95	6	4	9	–	7-8	9	2500
Calshot, S'hampton	8	1016.4	-16	E	5	tlr	65	85	6	9	4	–	7-8	7-8	1500
Dungoness ...	20														
Lympne	347	1018.0	-14	SE'E	3	3	57	95	5	3	–	–	1	1	4000
Guernsey	173	1016.1	-10	–	0	tlr	64	95	6	5	–	–	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 5th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1013.7	-24	SE	4	id.	54	95	5	6	–	–	10	10	800	1	*
Butt of Lewis* ...	1007.2	-14	SSE	3	ir	57	95	6	6	–	–	10	10	450	1	1
Wick	1009.3	-12	S	3	c/r	55	95	7	6	2	–	4-6	9	1500	1	3
Tiree	1008.7	-6	S	4	c	58	95	7	6	9	–	4-6	7-8	450	1	2
Nairn	1009.7	•	–	0	c/pr	58	95	7	5	–	9	4-6	7-8	1500	1	*
Aberdeen	1012.0	-14	SSE	3	0	56	95	6	6	–	–	10	10	1500	1	1
Malin Head ...	1009.0	-4	S'W	4	c	59	95	7	5	6	–	4-6	7-8	800	0	1
Renfrew	1011.8	-2	S	2	3	60	95	6	5	–	–	10	10	800	1	*
Inchkeith (Edin.)	1011.9	-12	SE	2	c	59	95	6	5	–	–	9+	9+	800	0	0
Leuchars	1011.7	-10	ESE	2	c	58	95	6	5	–	–	9+	9+	2500	1	*
Eskdalemuir ...	1012.7	-10	S	2	0	56	95	6	5	–	–	10	10	1500	1	*
Tynemouth ...	1013.9	-16	S	2	c	55	95	7	5	–	–	9	9	1500	1	1
Blacksod Point ...	1009.5	0	S	5	c	57	85	8	9	8	–	4-6	7-8	450	1	3
Aldergrove ...	1011.5	-2	S'W	3	bc	57	95	7	5	–	1	1	2-3	1500	1	*
Donaghadee ...	1011.3	-6	WSW	1	bc	58	95	7	7	3	–	4-6	4-6	4000	0	0
Birr Castle ...	1012.7	-2	S	1	0	57	95	7	5	–	–	10	10	2500	1	*
Holyhead... ..	1012.9	-4	SW	4	c	59	95	6	5	–	–	9+	9+	1500	1	0
Liverpool (Bidston)	1013.3	-6	E'S	2	c	56	95	5	5	–	–	9+	9+	1500	0	*
Chester (Sealand)	1014.3	-6	SE'S	2	m	56	95	4	5	–	–	9	9	2500	1	*
Harrogate... ...	1014.6	-10	SE	1	F	52	95	1	5	–	–	10	10	<150	1	*
Spurn Head ...	1014.6	-8	S'E	4	c	61	95	7	4	6	–	4-6	7-8	2500	0	4
Birmingham ...	1014.5	-6	–	0	c	57	95	5	1	3	–	2-3	7-8	4000	0	*
Cranwell	1014.8	-16	SE'S	2	pr	56	95	6	9	–	–	9+	9+	4000	1	*
Gorleston	1016.4	-4	SE'S	3	ir.	61	95	6	6	2	–	4-6	9	2500	0	3
Valentia Obs.† ...	1013.1	-4	S'W	3	pr.	56	95	8	5	–	–	9+	9+	800	1	2
Roches Point ...	1013.8	-8	W	2	c	57	95	8	5	–	–	7-8	7-8	2500	0	0
Pembroke... ...	1014.2	-2	WSW	2	c	59	95	7	8	–	–	9+	9+	1500	1	1
Ross-on-Wye ...	1014.3	-4	–	0	cf	56	95	3	5	–	–	7-8	7-8	4000	0	*
Leafield	1014.0	-6	SE'S	2	bc	57	95	6	3	8	1	1	4-6	4000	1	*
Cardington ...	1014.9	-10	SSE	2	c	59	85	6	8	8	1	4-6	7-8	2500	1	*
Winchester ...	1014.0	-12	ESE	2	bc	61	95	6	8	–	–	4-6	4-6	4000	0	*
S. Farnborough ...	1014.3	-2	SE	2	3	60	85	6	3	8	1	1	4-6	5700	1	*
London (Kew) ...	1014.7	-10	–	0	c	60	95	5	8	7	1	4-6	9+	4000	1	*
Croydon	1014.9	-6	SE'S	4	c/pr	61	85	6	8	–	–	9	9	4000	1	*
Manston	1015.8	-12	SE	3	3	61	95	86 5	5	3	1	1	9	2500	0	*
Shoeburyness ...	1015.8	-18	SW'S	3	pr.	61	95	5	3	1	–	7-8	9	2500	1	*
Clacton-on-Sea ...	1016.1	-10	ESE	4	c	63	95	6	5	9	–	2-3	7-8	800	0	3
Felixstowe ...	1015.6	-24	SE'E	3	c	64	85	6	5	3	9	2-3	9	4000	0	2
Scilly (St. Mary's)	1015.7	-6	WNW	3	c	58	95	7	8	–	–	7-8	7-8	4000	1	2
Falmouth... ...	1015.5	-6	WNW	2	c	60	95	7	5	–	–	7-8	7-8	2500	0	1
Plymouth... ...	1015.1	+2	WNW	3	id.	61	95	6	5	–	–	9+	9+	800	1	1
Portland Bill ...	1014.0	+2	W'S	3	0	61	95	6	5	–	–	10	10	1500	0	3
Calshot, S'hampton	1014.4	-2	ESE	3	bc	65	85	6	8	5	–	4-6	4-6	2500	1	1
Dungoness ...																
Lympne	1015.9	-14	SE	3	c	60	95 8	5	8	3	–	9	9+	5700	1	*
Guernsey	1015.6	+2	WNW	1	0	61	95	5	5	–	–	10	10	1500	1	2

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 4th Hrs. (36)
Lerwick	55	52	*	–	2	5.5
Butt of Lewis* ...	59	55	*	0.1	5	*
Wick	55	54	*	0.2	1	0.0
Tiree	59	56	55	0.3	7	1.3
Nairn	67	56	*	0.4	3	0.0
Aberdeen	58	55	54	0.2	4	0.9
Malin Head ...	65	58	*	–	2	0.0
Renfrew	62	58	57	1	0.1	0.0
Inchkeith (Edin.)	60	57	55	0.4	Tr.	0.1
Leuchars	61	56	53	0.4	0.3	0.1
Eskdalemuir ...	63	51	47	0.2	1	*
Tynemouth ...	62	55	52	0.5	3	*
Blacksod Point ...	64	55	*	0.3	1	1.1
Aldergrove ...	65	55	49	0.1	0.2	*
Donaghadee ...	61	56	*	3	–	
Birr Castle ...	70	51	52	Tr.	0.3	0.7
Holyhead... ..	69	58	55	1	0.5	1.8
Liverpool (Bidston)	65	55	53	Tr.	–	0.7
Chester (Sealand)	68	55	52	0.5	–	1.2
Harrogate... ...	61	51	48	1	1	0.6
Spurn Head ...	62	58	*	Tr.	0.1	7.7
Birmingham ...	67	55	53	–	0.1	5.0
Cranwell	70	52	48	Tr.	0.6	8.1
Gorleston	62	60	56	–	0.6	9.1
Valentia Obs.† ...	64	55	53	1	0.6	0.0
Roches Point ...	65	57	*	Tr.	0.2	*
Pembroke... ...	67	58	*	0.1	0.6	5.8
Ross-on-Wye ...	72	55	49	1	–	6.1
Leafield	69	53	45	0.4	1	5.8
Cardington ...	70	55	52	–	1	8.4
Winchester ...	71	57	50	–	0.2	8.9
S. Farnborough ...	71	55	49	–	0.6	9.3
London (Kew) ...	73	58	52	–	3	10.0
Croydon	71	56	50	–	2	9.5
Manston	66	58	55	–	0.2	10.0
Shoeburyness ...	66	56	49	–	0.3	8.7
Clacton-on-Sea ...	64	61	58	–	0.2	9.5
Felixstowe ...	64	61	58	–	Tr.	8.2
Scilly (St. Mary's)	67	58	*	–	1	2.5
Falmouth... ...	65	59	*	–	Tr.	10.3
Plymouth... ...	71	59	51	0.3	Tr.	8.2
Portland Bill ...	66	60	*	–	2	*
Calshot, S'hampton	69	62	59	–	0.3	9.7
Dungoness ...			*			*
Lympne	68	56	51	–	2	9.8
Guernsey	74	60	58	–	1	11.6

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	bbcy	bcybc	bc tlR	73	58	52	–	3	10.0	•	•	6
Croydon	244	bbcy	bcy3.	bc pr tlr	71	56	50	–	2	9.5	•	•	6
Greenwich (Royal Observatory) ...	149	by	bc b	bc pr tlr	71	55	45	–	0.3	10.3	63	69	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	9.3	•	•	•
Westminster (St. James' Park) ...	27	•	•	•						8.9			•
Regents Pk. (Botanic Gardens) ...	168	•	•	•	•	•	•	•	•	5.1	•	•	•
Camden Square	110	b	bc	•	72	57	*	–	1	•	•	81	•
Kensington Palace	80	bbc	bc	•	73	59	53	–	1	•	at 18h. 85	72	•
Hampstead Observatory	450	bmbc	bc	•	68	54	*	Tr.	2	9.1	•	76	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 5th

South Kensington. Max.	Time.	Min.	Time.
0.6	8h 4th 1h 5th	<0.3	12h to 14h 4th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	3h 5th	0.1	14h. 4th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 4th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 5th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1019.3	ESE	2	3	73	1017.6	SE	1	c/pr	63	81	59	–	Tr.
Brussels	1021.4	ENE	2	b	63	1018.7	SSE	2	c	59	70	54	–	–
Berlin	1023.3	WNW	3	bc	59						64		–	
Zürich	1021.5	SSE	1	3	66	1021.5	S	1	3	54	77	52	–	–
Rome	1019.9	SW	2	b	73	1020.9	NE	1	b	72		55	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

* 1 hr. observations are from Stornoway. † 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

6th September 1930.

No. 25,125

OBSERVATIONS at 13h. G.M.T. 5th September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1012.0	-6	SE	4	rr	55	95	5	6	-	-	10	10	800
Butt of Lewis*	1006.1	-6	SSE	7	o	59	95	7	6	-	-	10	10	800
Wick	1008.8	0	S	3	c	60	95	8	5	2	-	4-6	7-8	1500
Tiree	1008.5	+2	SSW	4	c	61	95 85	8	4	9	1	2-3	9+	1500
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1011.0	-4	SSE	3	c	59	85	6	6	7	-	7-8	9	1500
Malin Head	1009.5	+4	SW	3	c	61	85	8	8	6	-	7-8	7-8	1500
Renfrew	1010.8	-2	SW	4	c	66	75	8	1	-	3	2-3	7-8	4000
Inchkeith (Edin.)	1010.7	-4	E	2	c	64	95	7	1	8	-	7-8	7-8	4000
Leuchars	1010.7	-2	SSE	2	c	67	75	6	3	3	1	4-6	7-8	1500
Eskdalemuir	1011.1	-2	SSW	3	c	63	85	7	2	-	-	7-8	7-8	1500
Tynemouth	1011.8	-14	SSE	2	c	63	85	6	5	-	-	7-8	7-8	1500
Blacksod Point	1009.9	0	S	4	c	59	85	8	9	-	-	9+	9+	800
Aldergrove	1011.0	-2	SSW	3	c	62	65	9	7	-	-	7-8	7-8	4000
Donaghadee	1011.6	0	WSW	1	c	62	75	8	5	-	-	7-8	7-8	2500
Birr Castle	1012.4	0	SW	1	c	60	75	8	5	·	-	9+	9+	2500
Holyhead	1013.0	+2	SW'S	4	c	62	95	8	5	-	·	9+	9+	800
Liverpool (Bidston)	1013.3	0	-	0	u	62	85	7	8	-	-	9	9	1500
Chester (Sealand)	1013.6	-2	E	1	z	66	85	5	5	-	-	9	9	4000
Harrogate	1012.7	-10	SW	2	c	66	75	5	6	2	-	7-8	10	2500
Spurn Head	1012.7	-2	SSE	6 4	c	64	95	6	4	3	-	7-8	9+	4000
Birmingham	1013.9	0	W	2	qc	65	75	7	5	-	-	9+10	9+10	4000
Cranwell	1013.0	-6	WSW	2	z	67	75	6	5	-	-	10	10	1500
Gorleston	1014.9	0	SE	3	c	61	95	6	6	2	-	4-6	9+	1500
Valentia Obs.	1012.6	-6	SW'W	3	c	61	85	8	5	-	-	9	9	1500
Roches Point	1013.7	-2	SW	3	c	62	85	8	3	-	-	7-8	7-8	2500
Pembroke	1014.3	0	WSW	3	c	59	95	7	8	-	-	9+	9+	1500
Ross-on-Wye	1013.7	-4	SW	2	c	68	75	8	4	-	-	9+	9+	4000
Leafield	1013.9	0	NW'W	3	c	65	75	6	5	-	-	9+	9+	4000
Cardington	1013.1	-10	SW'W	3	bc	74 75	65	6	7	8	-	2-3	4-6	7200
Winchester	1013.9	0	NW'W	2	c	69	75	6	5	-	-	9+	9+	2500
S. Farnborough	1013.3	-2	WSW	2	c	74	75	6	6	-	-	9+	9+	1500
London (Kew)	1013.5	-12	S'W	3	bc	70	55	7	7	1	-	2-3	4-6	4000
Croydon	1013.6	-8	SSW	3	bc	76	55	7	7	-	1	4-6	4-6	5700
Manston	1013.9	-6	SSW	3	c	73	65	6	1	8	8	2-3	7-8	4000
Shoeburyness	1014.0	-8	SSW	3	bc/d	74	75	8	2	6	6	2-3	4-6	4000
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	1015.2	-2	SE	2	c	68	75	6	7	-	-	9	9	4000
Scilly (St. Mary's)	1016.2	+4	W'S	2	bc	64	95	8	2	-	2	2-3	4-6	4000
Falmouth	1016.5	+6	SW	3	o	62	95	8	5	-	-	10	10	4000
Plymouth	1015.6	+2	WSW	3	o	62	85	8	6	-	-	10	10	1500
Portland Bill	1014.8	+4	WSW	3	c	64	85	8	4	6	-	4-6	7-8	2500
Calshot, S'hampton	1014.1	-2	NW	2	bc	70	75	6	7	-	-	4-6	4-6	2500
Dungeness														
Lympne	1014.2	-12	SE'S	3	z	70	75	6	-	4	1	0	2-3	-
Guernsey	1016.2	+2	WNW	1	c	64	85	7	5	-	-	9	9	2500

OBSERVATIONS at 18h. G.M.T. 5th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1010.9	0	~~SSW~~ SE	4	rr	55	95	5	6	-	-	10	10	~~450~~ 880	1	·
Butt of Lewis*	1005.1	0	SSW	5	c	58	85	8	4	3	-	7-8	9+	4000	0	3
Wick	1007.5	-4	S	3	bc	57	95	6	5	6	1	4-6	4-6	1500	0	3
Tiree	1008.5	0	SSW	3	c	58	85	8	5	3	4	4-6	9	4000	0	2
Nairn	1007.9	·	W	1	bc	65	75	8	-	4	2	0	4-6	-	0	·
Aberdeen	1009.8	-4	SSE	3	c	58	95	5	5	8	2	4-6	7-8	800	1	1
Malin Head	1008.8	+2	SW	2	c	61	85	8	4	-	-	9+	9+	1500	0	0
Renfrew	1010.6	-4	SW	3	c	61	75	8	5	4	3	4-6	7-8	4000	1	·
Inchkeith (Edin.)	1010.5	-2	WSW	3	bc	62	85	8	5	-	9	4-6	4-6	4000	0	0
Leuchars	1010.0	+2	W	2	bc	63	75	7	5	-	-	4-6	4-6	4000	1	·
Eskdalemuir	1011.7	0	SW	2	c	59	75	8	5	-	-	7-8	7-8	4000	1	·
Tynemouth	1011.4	-2	W	2	c	62	75	7	8	-	-	7-8	7-8	2500	0	1
Blacksod Point	1008.7	-4	S	4	c	59	75	8	8	-	-	7-8	7-8	800	0	3
Aldergrove	1010.6	-2	S	2	c/pr	59	85	9	8	-	8	9	9+	4000	1	·
Donaghadee	1010.8	-2	WSW	1	c	60	85	8	5	-	-	7-8	7-8	2500	0	0
Birr Castle	1011.5	-4	SW	1	c	60	75	8	5	4	-	4-6	7-8	4000	1	·
Holyhead	1012.6	-2	SSW	4	c	59	95	8	5	3	8	7-8	9+	4000	1	1
Liverpool (Bidston)	1012.9	0	W'N	1	c	62	75	5 9	8	8	8	4-6	7-8	4000	0	·
Chester (Sealand)	1013.4	0	WSW	2	c	65	75	9	5	3	1	4-6	7-8	2500	0	·
Harrogate	1012.7	0	SW	2	bc	60	85	7	-	-	9	0	2-3	-	0	·
Spurn Head	1011.6	0	WNW	1	c	64	95	6	5	3	-	7-8	10	2500	0	3
Birmingham	1013.4	-4	W	2	c	67	75	8	8	-	2	4-6	7-8	4000	0	·
Cranwell	1012.7	+2	WNW	1	z	65	75	6	-	3	4	0	7-8	-	0	·
Gorleston	1012.6	-4	SSE	4	c	63	95	6	9	-	-	7-8	7-8	2500	0	3
Valentia Obs.	1011.9	-4	SSW	4	bc	61	75	9	8	-	-	2-3	2-3	1500	0	2
Roches Point	1012.8	-8	W	3	c	61	85	8	3	-	-	7-8	7-8	2500	0	2
Pembroke	1014.6	0	SW	3	c	60	95	8	8	7	9	4-6	9+	1500	0	1
Ross-on-Wye	1013.6	-4	WSW	3	bc	65	75	8	4	-	2	1	4-6	4000	0	·
Leafield	1013.6	-6	WSW	3	c	64	85	8	1	-	6	2-3	7-8	4000	0	·
Cardington	1013.4	+2	W'N	1	c	67	75	6	-	3	8	0	7-8	-	0	·
Winchester	1014.0	+2	WNW	2	c	66	75	8	5	-	2	2-3	7-8	2500	0	·
S. Farnborough	1013.5	+4	W	1	bc	67	75	6	-	1	4	0	4-6	-	0	·
London (Kew)	1013.6	+6	WNW	2	z	69	65	6	4	-	9	2-3	4-6	4000	0	·
Croydon	1013.7	+6	W'N	3	z	69	75	5	-	7	9	0	7-8	-	0	·
Manston	1012.7	-6	S	2	c	70	85	7	5	-	3	4-6	7-8	7200	0	·
Shoeburyness	1012.7	-2	W'N	3	u	72	85	5	5	7	-	9	9+	1500	0	·
Clacton-on-Sea	1012.6	-6	SSE	4	bc	67	95	6	1	-	-	4-6	4-6	1500	0	2
Felixstowe	1012.9	-8	SE'S	3	c	66	85	6	7	-	4	7-8	7-8	5700	0	0
Scilly (St. Mary's)	1015.5	-4	WSW	3	jp	60	95	8	9	-	2	2-3	7-8	4000	0	1
Falmouth	1016.0	0	SW'W	3	bc	62	85	8	8	-	-	4-6	4-6	4000	0	1
Plymouth	1015.5	+2	WSW	3	c	61	95	7	6	-	·	9+	9+	1500	0	2
Portland Bill	1014.4	0	SW'W	3	bc	61	95	8	4	7	-	4-6	4-6	2500	0	3
Calshot, S'hampton	1014.2	+4	SW'W	3	bc	67	85	8	4	5	4	2-3	4-6	4000	0	1
Dungeness																
Lympne	1013.3	0	SW	2	z	66	95	5	-	-	9	0	4-6	-	0	·
Guernsey	1016.4	0	-	0	o	61	85	8	5	-	-	10	10	1500	0	2

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 5th (37)	13h.–18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.–7h. 6th (40)
Lerwick	oidrrmo	orrmo	odododomo	orororomo
Butt of Lewis*	bc	c	cbc	pro
Wick	cpromo	cmbcmo	promo	bc
Tiree	idoc	cbcc	cido	c
Nairn	cbc	bc	bcw	wb
Aberdeen	omoc	cbcc	cmo	cbmo
Malin Head	bccpo	c	cbcc	cq
Renfrew	robcq	bcq	bcw	bcw
Inchkeith (Edin.)	bc	cbc	cbcc	bcw
Leuchars	cocmo	cbccmobc	bcw	bcbbcw
Eskdalemuir	oddfbc	bcc	cpro	cproc
Tynemouth	c	c	cbc	bcmo
Blacksod Point	pcc	c	c	prc
Aldergrove	bbcc	ccjp	c	cbcwc
Donaghadee	bcc	c	idob	bccw
Birr Castle	ocxc	croc	cbc	bcorrc
Holyhead	cmoc	c	c	cbcc
Liverpool (Bidston)	mocc	cbccv	cbvbc	bbcw
Chester (Sealand)	cmzo	czobcv	bc	bcwcm
Harrogate	ofbbcc	cb	b	bbcc
Spurn Head	cprc	bc	czmwbc	bc
Birmingham	bcc	cbc	bcb	bbcc
Cranwell	procmo	czobc	bcbfw	bfwcw
Gorleston	corr	cbcc	cbbcmoc	bcwffc
Valentia Obs.	cpoc	cbcv	bcciRc	ciRbc
Roches Point	c	cidoc	cvbcw	bcciRc
Pembroke	cmo	cido	cdobc	bcc
Ross-on-Wye	cfcmbcc	cbc	bcbw	bccpoc
Leafield	bcc	cbc	bc	bcofc
Cardington	cbcmo	bcmo	bcmo	bccmow
Winchester	cmo	cmobcc	cbcc	cmo
S. Farnborough	bcmocz	czo	bc	bccw
London (Kew)	czobc	bczo	bcmo	bcmowcw
Croydon	cmobc	bcyzo	bcmocbcw	bccw
Manston	cwmo	c	cbc	bcmocmow
Shoeburyness	cprorbc	cmov	cmo	cm
Clacton-on-Sea	cz	cbcz	bccz	cbcz
Felixstowe	czoc	czo	czob	bcmocmow
Scilly (St. Mary's)	cifdo	cpo	cbcc	cpo
Falmouth	cdo	cdobc	bccirо	orobc
Plymouth	cmoo	oc	cororo	omoroc
Portland Bill	c	cbc	bcc	co
Calshot, S'hampton	bccmo	bcmocmo	bcc	cmo
Dungeness				
Lympne	cprbczo	bcbzbcmo	bccmbcfw	bffwbccmo
Guernsey	omdoc	cidoo	obro	oidoc

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Φ, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

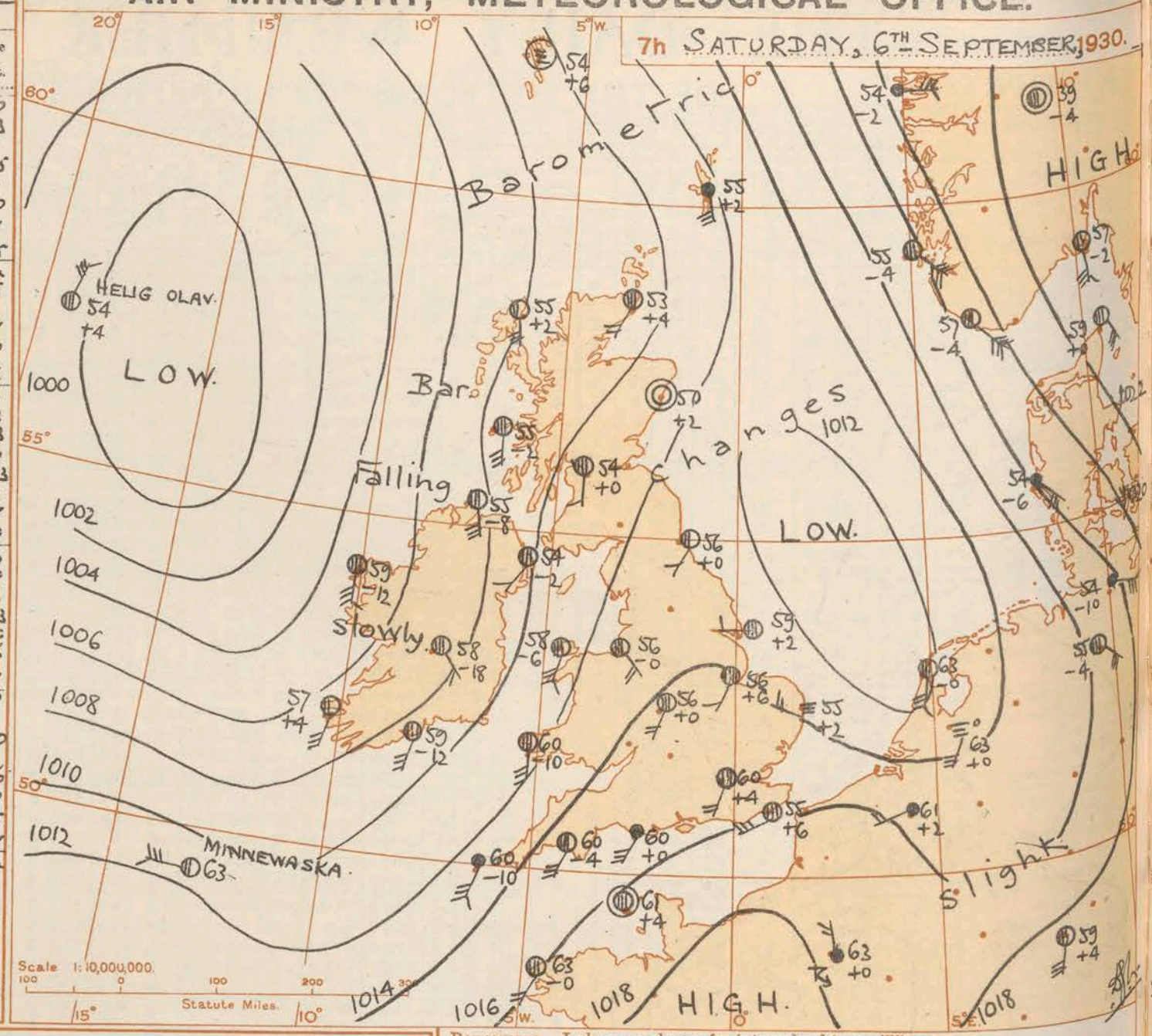
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 5th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 4th to 9h. 5th.	Temperature. Max. 9h.—17h. 5th.	Rainfall. Night. 17h. 4th to 9h. 5th.	Rainfall. Day. 9h.—17h. 5th.	Sunshine. Sunrise to 17h. 5th.	Sunshine. Sunrise to Sunset. 4th.
Dunbar ...	c	cp	55	70	1	0·3	3·8	0·0
Berwick-on-T. ...	bc	cbc	54	64	-	-	2·7	0·3
Douglas	bc	bcbc	56	65	1	-	3·7	0·1
Llandudno ...	c	cbcc	59	66	1	-	3·0	0·5
Colwyn Bay ...	o	obc	59	71	-	-	3·7	1·1
Rhyl	cm.	cbc	57	67	-	-	2·7	1·0
Wallasey ...	c	cbcb	56	66	-	-	3·0	1·1
Southport . ‖	oc	cbcc	54	64	3	-	2·2	1·5
Blackpool ...	omob	oc	56	65	3	0·2	1·8	1·4
Morecambe ...	rpcb	c	58	64	2	Trace	0·9	1·5
Ilkley	c	cocbc	53	66	1	-	1·4	1·2
Cleethorpes ...	roc	co	55	69	1	-	4·8	7·7
Mablethorpe ...	cm.	cm.	57	70	1	-	3·4	8·0
Skegness... ...	bco	ob	62	71	-	-	2·1	5·7
Aberystwyth ...	cpmr	cpmr	59	62	4	0·3	0·1	7·0
Bath	c	cbcb	57	71	Trace	-	5·6	6·2
Cheltenham .†	ozc	bcgb	61	71	1	-	3·8	6·3
Leamington Spa	oc	c	55	71	1	-	2·6	6·6
Lowestoft ...	bcgbr	cbcc	59	65	2	2	3·0	10·3
Dovercourt ...	bocbc	bcz	61	70	-	-	6·3	9·2
Maldon	bcb	bc	58	81	0·3	-	5·7	8·7
Southend ...	bc	bcc	61	78	1	-	4·8	8·9
Ilfracombe ...	doc	co	60	64	1	-	0·3	5·6
Bude	dpc	c	57	64	0·2	Trace	1·1	6·9
St. Ives	o	c	58	64	1	-	1·1	9·3
Penzance ...	c	c	60	66	0·5	-	1·5	10·3
Torquay	omobc	bc	56	69	-	-	2·9	6·9
Jersey	rc	cd	64	67	1	Trace	0·3	11·6
Weymouth ...	c	b	59	70	1	-	5·0	8·7
Bournemouth ...	obc	bc	60	72	1	-	6·0	9·0
Ventnor	zlbcb	bbcz	62	72	-	-	9·5	9·9
Southsea ...	cbc	bbc	62	74	Trace	-	6·0	10·0
Bognor Regis ...	cbc	bcb	62	73	Trace	-	8·1	9·3
Littlehampton ...	bc	bc	61	71	0·1	-	8·9	10·6
Worthing ...	bbcb	b	61	69	0·3	-	9·7	10·0
Brighton... ...	b	bc	62	70	2	-	10·0	10·5
Eastbourne .†	b	bbc	59	72	1	-	9·4	10·7
Hastings †	bcc	bcbbc	61	71	1	-	8·3	10·4
Folkestone ...	rcbc	bcbbc	57	74	3	-	7·2	9·2
Dover	bc	bcb	59	73	1	-	7·9	9·9
Deal	obc	bc	59	77	1	-	4·4	9·0
Tunbridge Wells	b	bcbbc	56	76	-	-	9·0	9·5
Ramsgate ...	cbc	bc	60	73	1	-	3·6	10·1
Margate	bbc	bc	59	78	-	Trace	6·4	10·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 6th Sept., 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Wind south to southwest, moderate or light; cloudy, occasional rain or drizzle; bright intervals tomorrow morning; rather warm.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind south, veering southwest to west, moderate; cloudy, occasional rain at first, mainly fair later; moderate 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. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind southerly, moderate or light; cloudy, occasional rain; rather warm.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwest, moderate or fresh, backing later; bright intervals and local showers at first; some rain tomorrow; moderate temperature.

GENERAL INFERENCE.

A depression is centred off Northwest Ireland and a secondary over our western districts is moving northeast. Wind will be south to southwest and weather rather unsettled in most districts though little rain is expected in Eastern England.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

6th September 1930.

No. 25,125.

OBSERVATIONS at 1 hr. G.M.T. 6th September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1010.9	0	SSE	4	d.d.	55	95	6	6	–	–	10	10	800
Butt of Lewis*	30	1007.4	+2	SSW	4	•	•	•	8	•	•	•	•	4-6	•
Wick	81	1008.5	+4	SW	2	c	53	95	8	5	–	3	4-6	7-8	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1009.1	-4	S	3	c	55	95	8	4	5	–	2-3	7-8	4000
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1012.1	+4	WSW (NNW struck out)	2	bc	56	95	8	5	8	–	2-3	4-6	2500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1012.3	0	WSW	1	bc	55	95	7	5	–	–	4-6	4-6	1500
Blacksod Point	10	1007.6	-10	S	4	rr	57	85	6	6	–	–	10	10	450
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1012.9	0	SW'S	3	c	58	95	8	5	–	–	9+	9+	2500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1013.0	+2	NW'N	1	bc	59	95	6	5	–	5	2-3	2-3	1500
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1014.4	+4	WSW	2	bF+	54	95	3	–	–	–	–	–	–
Gorleston	14	1012.9	0	NW'W	2	bc	58	95	6	–	1	–	–	4-6	–
Valentia Obs.†	30	1008.3	-20	SSW	3	id	60	95	7	5	–	–	10	10	1500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1013.9	0	SW	3	bc	59	95	8	5	7	9	2-3	4-6	4000
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1015.3	+4	W'S	2	bc	58	85	7	–	–	9	–	4-6	–
Manston	136	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1015.4	-8	SSW	3	c	59	95	8	8	6	–	4-6	7-8	4000
Falmouth	200	1016.0	0	SW'S	3	ir.	60	95	8	6	1	–	7-8	10	2500
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1015.4	0	WSW	3	c	61	95	8	4	7	2	4-6	7-8	2500
Calshot, S'hampton	8	1015.5	+2	W'N	1	c	58	95	7	7	5	–	7-8	7-8	2500
Dungeness	20														
Lympne	347	1015.1	+6	NW	3	cF+	57	95	3	–	–	1	–	7-8	–
Guernsey	173	1017.0	0	–	0	o	59	95	8	5	–	–	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 6th September — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Temp. Max. Day 7h-18h °F. (31)	Temp. Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 5th Hrs. (36)
Lerwick	1011.1	+2	SSE	3	r.r.	55	95	5	6	–	–	10	10	800	1	*	55	55	*	21	3	0.0
Butt of Lewis*	1008.3	+8	SSE	4	c	55	95	9	9	6	–	2-3	9	1500	0	2	62	52	•	1	Tr.	*
Wick	1009.2	+4	SW	2	c	53	95	8	5	8	–	4-6	7-8	2500	0	2	60	46	*	0.2	0.2	•
Tiree	1008.6	-2	S'E	3	c	55	95	7	5	7	1	2-3	7-8	7200	0	2	61	54	49	0.1	Tr.	3.0
Nairn	1009.7	•	–	0	b	51	85	8	–	–	–	0	0	–	0	*	70	48	*	–	–	7.3
Aberdeen	1010.6	+2	–	0	b	50	95	6	–	–	1	0	1	–	1	0	61	47	40	–	–	1.8
Malin Head	1007.7	-8	SSE	3	c	55	85	8	4	1	–	7-8	9	1500	0	1	63	50	*	Tr.	–	3.8
Renfrew	1011.1	0	S	1	c	54	95	7	5	4	1	4-6	7-8	4000	1	*	67	50	40	Tr	–	8.1
Inchkeith (Edin.)	1011.9	+2	SW	1	c	55	95	8	5	6	9	2-3	7-8	5700	1	0	70	53	47	–	Tr.	5.7
Leuchars	1011.1	+2	WSW	1	c	53	95	7	5	8	1	7-8	7-8	5700	1	*	69	47	39	–	–	4.7
Eskdalemuir	1011.6	0	SSW	3	c/pr	55	95	7	5	–	–	9	9	1500	1	*	64	52	46	1	0.4	2.8
Tynemouth	1012.2	0	SW	1	m	56	85	4	5	–	2	2-3	4-6	800	0	1	64	53	45	–	–	•
Blacksod Point	1004.4	-12	S	4	c	59	95	8	9	–	–	7-8	7-8	450	01	3	61	54	•	Tr.	37	4.9
Aldergrove	1009.3	-10	E'S	2	ir.	55	85	8	5	2	–	7-8	9+	4000	1	*	65	49	42	Tr.	Tr.	•
Donaghadee	1010.0	-2	WSW	1	c	54	95	8	5	–	–	7-8	7-8	2500	0	0	63	43	•	–	0.1	•
Birr Castle	1007.0	-18	SE	2	c	58	95	8	6	2	–	7-8	9+	2500	1	*	63	50	39	Tr.	3	1.4
Holyhead	1011.4	-6	S'W	4	c	58	95	8	5	3	8	4-6	9+	800	1	1	63	56	52	–	–	3.5
Liverpool (Bidston)	1012.8	0	SE	2	c	56	95	5	5	–	9	4-6	7-8	1500	0	*	65	54	51	–	–	3.4
Chester (Sealand)	1013.7	-2	SE'S	2	c	55	95	5	5	–	2	2-3	7-8	2500	0	*	71	50	44	–	–	2.6
Harrogate	1013.6	0	SSW	1	c	56	95	5	5	–	1	7-8	7-8	2500	0	*	67	51	46	–	–	3.0
Spurn Head	1013.8	+2	W'N	1	c	59	95	5	5	3	–	4-6	9+	1500	0	2	68	58	*	Tr.	Tr.	4.8
Birmingham	1014.7	0	SSW	2	c	56	95	8	–	2	–	0	9+	–	0	*	69	55	43	–	–	2.9
Cranwell	1014.6	+6	SW'W	1	c	56	95	6	5	–	–	10	10	4000	0	*	70	51	45	Tr.	Tr.	2.7
Gorleston	1013.6	+2	W	2	bcf	55	95	3	5	–	1	4-6	4-6	800	0	2	64	54	53	10	Tr.	2.6
Valentia Obs.†	1007.7	+4	SW'S	3	bc	57	95	8	5	–	1	4-6	4-6	1500	1	2	64	57	54	0.5	14	4.2
Roches Point	1009.7	-12	SW	3	c	59	95	8	3	–	–	9	9	1500	1	3	62	57	*	0.1	8	•
Pembroke	1011.6	-10	S	3	c	60	95	8	9	7	–	4-6	109	1500	0	2	63	58	*	(Tr)	0.1	2.5
Ross-on-Wye	1014.3	-4	SW	2	cjp	58	95	6	6	–	8	9	10	2500	0	*	72	53	46	–	Tr.	4.1
Leafield	1015.1	0	SSW	2	oF–	55	95	2	5	–	–	10	10	1500	0	*	69	50	38	–	Tr.	2.0
Cardington	1015.0	+4	SW'W	2	c	56	95	6	5	3	1	7-8	9+	2500	0	-*	75	51	47	–	–	5.3
Winchester	1015.6	+2	–	0	o	57	95	6	5	–	–	10	10	2500	0	*	71	52	44	–	–	4.8
S. Farnborough	1015.4	+2	SSW	1	c	58	95	6	5	–	–	9+	9+	4000	0	*	75	52	41	–	Tr.	6.6
London (Kew)	1015.5	+4	SW'S	2	c	60	85	7	–	3	8	0	9+	–	0	*	77	57	54	–	–	8.4
Croydon	1015.6	+2	–	0	c	59	85	6	5	–	5	4-6	9+	5700	0	*	78	57	52	–	Tr.	6.8
Manston	1014.8	+4	SW	3	c	58	95	5	5	3	–	4-6	9	4000	0	*	78	55	49	Tr.	–	2.9
Shoeburyness	1015.5	+10	NNW	1	m	59	95	4	–	9	–	0	9	–	1	*	77	55	44	0.6	–	5.0
Clacton-on-Sea	1015.0	+10	W	2	bc	56	95	6	1	–	–	4-6	4-6	800	0	0	70	56	?	–	–	4.9
Felixstowe	1015.0	+8	W'S	2	z	58	95	5	5	3	–	4-6	7-8	4000	1	0	69	57	53	Tr.	–	4.7
Scilly (St. Mary's)	1013.0	-10	SSW	4	pr.	60	95	8	6	–	–	9	9	2500	X0	2	65	57	*	Tr.	Tr	5.7
Falmouth	1014.6	-6	SW'S	4	bc	60	95	8	2	5	–	2-3	4-6	4000	0	2	65	59	*	Tr.	Tr.	1.5
Plymouth	1014.6	-4	SSW	3	c/r	60	95	7	5	–	–	9+	9+	450	1	2	64	59	58	–	0.5	0.3
Portland Bill	1015.4	0	SW	3	dd	60	95	7	5	–	–	9+	9+	1500	1	3	66	59	*	–	–	•
Calshot, S'hampton	1015.7	+2	SE	1	c	61	85	6	5	–	–	10	10	2500	0	0	72	58	55	–	–	7.1
Dungeness																			*			
Lympne	1016.0	+6	W'S	2	C	55	95	5	5	–	–	9+	9+	4000	1	•	72	53	45	0.1	0.1	7.7
Guernsey	1017.0	+4	–	0	c	61	95	9	5	–	–	9+	9+	2500	1	2	65	58	55	Tr.	0.3	0.8

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temp. Day Max. °F.	Temp. Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	czobc	bczo	bcmwcw	77	57	54	–	–	8.4	•	•	7
Croydon	244	cmobc	bcyz.	bcmcbcw	78	57	52	–	Tr.	6.8	•	•	7
Greenwich (Royal Observatory)	149	cy	bzyc	cobwc	81	55	44	–	Tr.	8.7	60	75	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	6.4	•	•	•
Westminster (St. James' Park)	27	•	•	•						7.2			•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	5.3	•	•	•
Camden Square	110	cb	bc	•	81	57	*	–	–	•	•	79	•
Kensington Palace	80	bc	bc	•	80	57	50	–	–	•	At 18h. 77	79	•
Hampstead Observatory	450	bc	bcm	•	78	52	*	–	–	7.1	•	84	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 6th

South Kensington. Max.	Time.	Min.	Time.
0.5	7h. 6th	<0.3	1h to 4h 6th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	19h 5th	<0.1	13h 5th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 5th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 6th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1014.1	–	0	u	81	1017.0	NNW	2	r/tlr	63	82		Tr	8
Brussels	1014.2	S	2	c	70	1015.2	W'S	2	ido	61	79	61	Tr	1
Berlin	1021.9	ESE	2	c	61	1019.9	E	2	c/r	54	64	54	–	1
Zürich	1019.4	SW	1	bc	72	1020.4	E	1	z	59	82	57	–	–
Rome														

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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 1¼ miles.
- 5 Poor visibility 2½ "
- 6 Moderate " 6¼ "
- 7 Good " 12½ "
- 8 Very good " 31 "
- 9 Excellent " beyond 31m.

COLUMN 30.—Code for State of Sea.

- 0 Calm.
- 1 Smooth.
- 2 Slight.
- 3 Moderate.
- 4 Rough.
- 5 Very rough.
- 6 High.
- 7 Very high.
- 8 Precipitous.
- 9 Confused.

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, ADASTRAL HOUSE, KINGSWAY LONDON, W.C.2.

G. C. Simpson, C.B., D.Sc., F.R.S., Director.

* 1 hr observations are from Stornoway † 1 hr observations are from Valentia W/T station.

Rain-fall Night 18h-7h mm. (35)	Sunshine Hrs. (36)
3	0.0
Tr.	*
0.2	•
Tr.	3.0
–	7.3
–	1.8
–	3.8
–	8.1
Tr.	5.7
–	4.7
0.4	2.8
–	•
37	•
Tr.	4.9
0.1	•
3	1.4
–	3.5
–	3.4
–	2.6
–	3.0
Tr.	4.8
–	2.9
Tr.	2.7
Tr.	2.6
14	4.2
8	•
0.1	2.5
Tr.	4.1
Tr.	2.0
–	5.3
–	4.8
Tr.	6.6
–	8.4
Tr.	6.8
–	2.9
–	5.0
–	4.9
–	4.7
Tr.	5.7
Tr.	1.5
0.5	0.3
–	•
–	7.1
0.1	7.7
0.3	0.8

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

7th September 1930.

No. 25126

OBSERVATIONS at 13h. G.M.T. 6th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1010.5	-2	SE	1	c	57	95	6	5	2	-	4-6	10	800
Stornoway	1008.0	0	S	1	c	61	75	9	4	4	-	7-8	9	4000
Wick	1009.8	+2	S	2	bc	59	95	8	1	-	2	2-3	4-6	4000
Tiree	1007.8	-8	SE'E	4	ir	55	95	8	6	2	-	7-8	10	2500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.0	-4	SSE	3	bc	62	75	7	1	-	2	Tr.	1	2500
Malin Head	1006.2	-4	E	2	ir	58	95	6	6	7	-	7-8	9+	800
Renfrew	1010.6	-2	S	3	iro	58	85	7	6	2	-	7-8	10	2500
Inchkeith (Edin.)	1010.4	-8	ENE	2	c	62	95	8	5	8	-	4-6	7-8	4000
Leuchars	1010.8	-6	E	2	c	62	85	7	7	3	-	7-8	7-8	2500
Eskdalemuir	1010.5	-8	W'S	3	o	60	75	7	5	-	-	10	10	1500
Tynemouth	1011.0	-6	SE	2	bc	60	85	6	2	-	-	4-6	4-6	2500
Blacksod Point	1006.1	+4	SE [W]	3	bc	62	85	8	3	6	-	4-6	4-6	2500
Aldergrove	1006.9	-10	SE'S	3	c	63	85	8	8	-	-	9+	9+	1500
Donaghadee	1007.9	-16	SE	3	iro	57	95	7	6	2	-	4-6	9	800
Birr Castle	1007.5	0	WSW	3	c	64	65	8	8	-	-	7-8	7-8	2500
Holyhead	1009.9	-6	S	4	iR	60	95	5	6	-	-	10	10	450
Liverpool (Bidston)	1010.9	-4	SE	3	ro ro	62	85	6	6	-	-	10	10	1500
Chester (Sealand)	1012.1	-10	S'E	3	ir	63	75	7	5	2	-	7-8	10	2500
Harrogate	1011.7	-10	SSW	2	c	66	65	7	6	-	9	4-6	7-8	4000
Spurn Head	1012.7	0	SW'S	1	c	67	95	7	7	3	9	2-3	9	4000
Birmingham	1013.4	-8	SSW	3	c	62	85	8	6	1	-	4-6	10	1500
Cranwell	1013.1	-6	SW	3	c	67	65	8	8	-	1	7-8	9	2500
Gorleston	1013.9	-2	SWW	3	c	69	75	6	8	-	-	7-8	7-8	2500
Valentia Obs.	1008.2	0	SW'S	4	c	61	85	8	8	-	1	7-8	7-8	1500
Roches Point	1009.2	0	SW	3	c	63	85	8	3	-	-	7-8	7-8	2500
Pembroke	1010.3	-4	S	4	rr	60	95	7	9	-	-	10	10	800
Ross-on-Wye	1012.9	-12	SW	2	iro	62	95	7	6	1	-	7-8	10	2500
Leafield	1013.8	-10	SSW	4	c/r	62	85	9	9	2	-	9+	10	1500
Cardington	1014.0	-6	SW	3	c	67	65	8	7	3	1	9	9+	4000
Winchester	1014.9	-4	SW'S	4	o/d	63	85	8	5	-	-	10	10	1500
S. Farnborough	1014.9	-2	SSW	4	ido	67	75	6	6	-	-	10	10	1500
London (Kew)	1014.8	-10	SW	3	c	69	65	8	4	7	-	4-6	9+	2500
Croydon	1015.0	-6	SWW	3	c	69	65	7	7	-	9	7-8	9	4000
Manston	1014.8	0	SW	3	c	68	85	8	5	3	-	7-8	9+	4000
Shoeburyness	1014.9	0	WSW	1	c	69	85	7	4	7	-	2-3	7-8	2500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1014.8	-6	SW	2	c	68	65	7	5	-	-	9	9	2500
Scilly (St. Mary's)	1013.0	+14	WNW	5	c	63	85	8	8	-	1	4-6	7-8	4000
Falmouth	1012.8	-14	SSW	6	iro	62	95	7	6	1	-	7-8	10	2500
Plymouth	1013.7	-12	SSW	4	iro	61	95	7	6	-	-	9+	9+	800
Portland Bill	1014.8	-6	SSW	3	c	62	85	8	4	4	-	4-6	9	1500
Calshot, S'hampton	1015.6	-6	SW	4	c/d	64	85	8	5	2	-	9	10	1500
Dungeness														
Lympne	1015.4	-4	SW	4	c	67	75	8	8	4	-	7-8	7-8	4000
Guernsey	1016.4	-4	SW	1	c/pr	66	85	8	5	6	-	4-6	7-8	2500

OBSERVATIONS at 18h. G.M.T. 6th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1010.7	+2	S	1	F	52	95	1	5	-	-	10	10	<150	1	•
Stornoway	1008.4	0	ENE	2	iro	57	85	8	4	-	-	9+	9+	4000	0	2
Wick	1009.4	-2	E	2	bc	57	95	8	5	4	1	2-3	4-6	2500	0	2
Tiree	1006.6	-2	SE'E	3	iR	55	96	7	6	7	-	4-6	10	2500	1	2
Nairn	1008.0	•	E	1	c	59	75	8	8	-	-	7-8	7-8	2500	0	•
Aberdeen	1009.6	-6	ESE	2	bc	59	85	7	4	5	2	1	4-6	5700	0	1
Malin Head	1006.9	+8	W	1	r/tlr	58	96	7	9	3	-	7-8	9	1500	1	0
Renfrew	1008.8	-14	E	2	rr	56	95	4	6	2	-	7-8	10	800	1	•
Inchkeith (Edin.)	1009.2	-6	WSW	1	ro ro	58	95	7	6	-	-	10	10	800	1	0
Leuchars	1009.1	-10	-	0	ro ro	58	96	7	6	2	-	7-8	10	1500	1	•
Eskdalemuir	1009.0	-10	S	2	rr	55	96	6	6	-	-	10	10	1500	1	•
Tynemouth	1009.3	-6	SW	1	ro ro	59	85	6	6	-	-	10	10	1500	1	2
Blacksod Point	1007.7	+14	SE [W]	3	c	59	85	8	3	6	-	4-6	7-8	2600	0	3
Aldergrove	1006.8	+4	WN	1	c	60	65	8	8	-	3	7-8	7-8	1500	1	•
Donaghadee	1006.8	-4	SSW	1	c	60	96	8	8	3	8	4-6	7-8	4000	0	1
Birr Castle	1008.3	+4	W	1	c/pr	58	96	7	3	-	-	7-8	7-8	2600	1	•
Holyhead	1009.0	-2	SW'S	4	bcjp	59	95	7	5	3	8	2-3	4-6	4000	1	2
Liverpool (Bidston)	1009.1	-14	SE'E	3	~~c/d~~ [id]	59	96	7	6	-	-	9+	9+	1500	1	•
Chester (Sealand)	1010.6	-12	SSE	2	iro	60	96	5	6	2	-	7-8	9	2500	1	•
Harrogate	1010.2	-6	S	2	rr	58	96	5	6	-	-	10	10	2600	1	•
Spurn Head	1011.1	-6	WSW	2	rr	61	96	6	6	1	-	7-8	10	4000	1	2
Birmingham	1011.5	-16	WSW	4	TLR	59	95	6	6	-	-	10	10	450	1	•
Cranwell	1011.3	-10	SSE	2	c	60	95	7	6	-	-	9+	9+	1500	1	•
Gorleston	1012.6	-8	[illegible]	1	c	67	75	6	4	-	~~5~~	9	9	4000	0	2
Valentia Obs.	1010.4	+16	WSW	4	c	59	95	8	8	-	1	7-8	9	1500	1	3
Roches Point	1009.9	+6	SW	3	c	61	85	8	3	-	4	4-6	7-8	1500	0	3
Pembroke	1010.8	+10	SW	4	c/pr	60	85	7	9	-	-	9+	9+	2600	1	2
Ross-on-Wye	1010.6	-14	SW	3	c/r	61	95	7	9	2	-	9	10	2500	1	•
Leafield	1011.6	-10	S'W	4	pro	60	85	9	9	7	-	9+	10	1500	1	•
Cardington	1011.8	-14	SSW	4	c	62	85	7	4	7	-	4-6	9+	4000	1	•
Winchester	1012.7	-10	SSW	4	c	62	85	7	5	2	-	4-6	10	2500	0	•
S. Farnborough	1013.2	-10	SW	3	c	63	85	8	6	7	-	1	9+	1500	0	•
London (Kew)	1013.4	-6	SSW	3	c	63	85	8	5	1	-	4-6	10	2500	0	•
Croydon	1014.1	-6	SSW	3	c	63	85	7	5	2	-	7-8	10	2500	0	•
Manston	1014.2	-4	SW	3	c	63	85	8	5	-	2	2-3	9+	4000	0	•
Shoeburyness	1014.1	-2	SW	3	c	64	85	8	5	-	-	9	9	2600	0	•
Clacton-on-Sea	1013.7	-10	WSW	4	c	65	75	7	5	-	-	7-8	7-8	800	0	2
Felixstowe	1013.6	-6	SWW	3	c	66	75	8	5	3	9	7-8	9	4000	0	0
Scilly (St. Mary's)	1014.1	+4	WN	5	c	60	96	7	5	-	-	9	9	4000	1	3
Falmouth	1014.5	+14	W'S	4	o	60	85	7	5	-	-	10	10	4000	0	2
Plymouth	1013.6	+6	W	3	c	61	75	8	6	7	-	7-8	9+	2600	1	2
Portland Bill	1012.8	-8	SW	4	ir	62	96	7	5	-	-	10	10	1500	1	3
Calshot, S'hampton	1014.0	-6	SW	4	c	63	86	7	2	7	-	4-6	10	1500	0	2
Dungeness																
Lympne	1014.8	-2	SWW	3	c	61	85	8	7	7	3	2-3	7-8	4000	0	•
Guernsey	1015.1	-10	SW	1	PR	63	95	8	3	-	-	10	10	1500	1	1

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 6th (37)	13h.–18h. 6th (38)	18h. 6th to 1h. 7th (39)	1h.–7h. 7th (40)
Lerwick	oro ro mo	mo FF	FF	FFffe
Stornoway	c	c	c	cor
Wick	bc	bc	bcc	cmo oFf
Tiree	cir	crRc	cifo ido	cido
Nairn	bbc	bcc	cir	rc
Aberdeen	bbc	bc	bcc	ccroro
Malin Head	cirmo	cirtlr	crobccpro	cprcv
Renfrew	bcc ~~Wo~~ ro	croorm	orr ~~..m~~ [cro] m	c
Inchkeith (Edin.)	c	coro ro	orr iro	ommmiro
Leuchars	cbcwc	crro	orroro	ororo R
Eskdalemuir	cprc	cororm	orr cmo	cmo bc
Tynemouth	bcmo	bcoiro	oiro	o
Blacksod Point	cbc	pc	ir	ir
Aldergrove	morrc	~~[illegible]~~	cbcb	bbcc pro
Donaghadee	ciro	iro bc	pro rl	bbc
Birr Castle	cbcc	cPRc	cPRbc	bcorro
Holyhead	c, ro ir	Rcbc	pro[c] tb	bbcc
Liverpool (Bidston)	copo	or rop	crc	oprc
Chester (Sealand)	ciro	rr, c, ro	ro cbc	PR
Harrogate	bcc	corr	orrocR	cb
Spurn Head	bc	cpr	erclpr	cbc
Birmingham	Dc	coirR	otlRc	c
Cranwell	cmozo	cror	corbcmo	bcmo
Gorleston	bcjcmo	cmo	cotlrr	oRrbc
Valentia Obs.	bccpoc	cpoc	cpobccpc	cpoc
Roches Point	c	cpoc	cbcw	bcw
Pembroke	orrmo	orrc	cpo bc	bcc bc
Ross-on-Wye	copoc	rorR	cbc	bcc bc
Leafield	omeido c	cprobcc	cPRrbc	cbc
Cardington	c	cproc	cbcb	bcc po
Winchester	cmo crod	cdoc	ctlrcrcl	c
S. Farnborough	c	cido	cotlRpoc	cpo bc
London (Kew)	bc	cpoc	cRkqrlb	bcro bc
Croydon	c	cdoc	orr Rrtlr	bcc bc
Manston	cmo	c	crrRR	cb
Shoeburyness	cmo bc	c	orr	cbcmo
Clacton-on-Sea	bczc	c	c	erc bc
Felixstowe	czo	c	eoRRc	cbcb
Scilly (St. Mary's)	cporc	c	cbc	bbc
Falmouth	bccirq	oircq	obcq	bcpo
Plymouth	coiro	ciro	cb, cpr	cprb
Portland Bill	oidc	piR	bcc	cbc
Calshot, S'hampton	cidodo ido	cdor	crotlrroc	bc
Dungeness				
Lympne	cmoc	bc	cor bc	bcb
Guernsey	dopr c	coPR	oproc	cbc

ctlRcprc

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.
m, mist, " 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain.
rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Ʊ, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

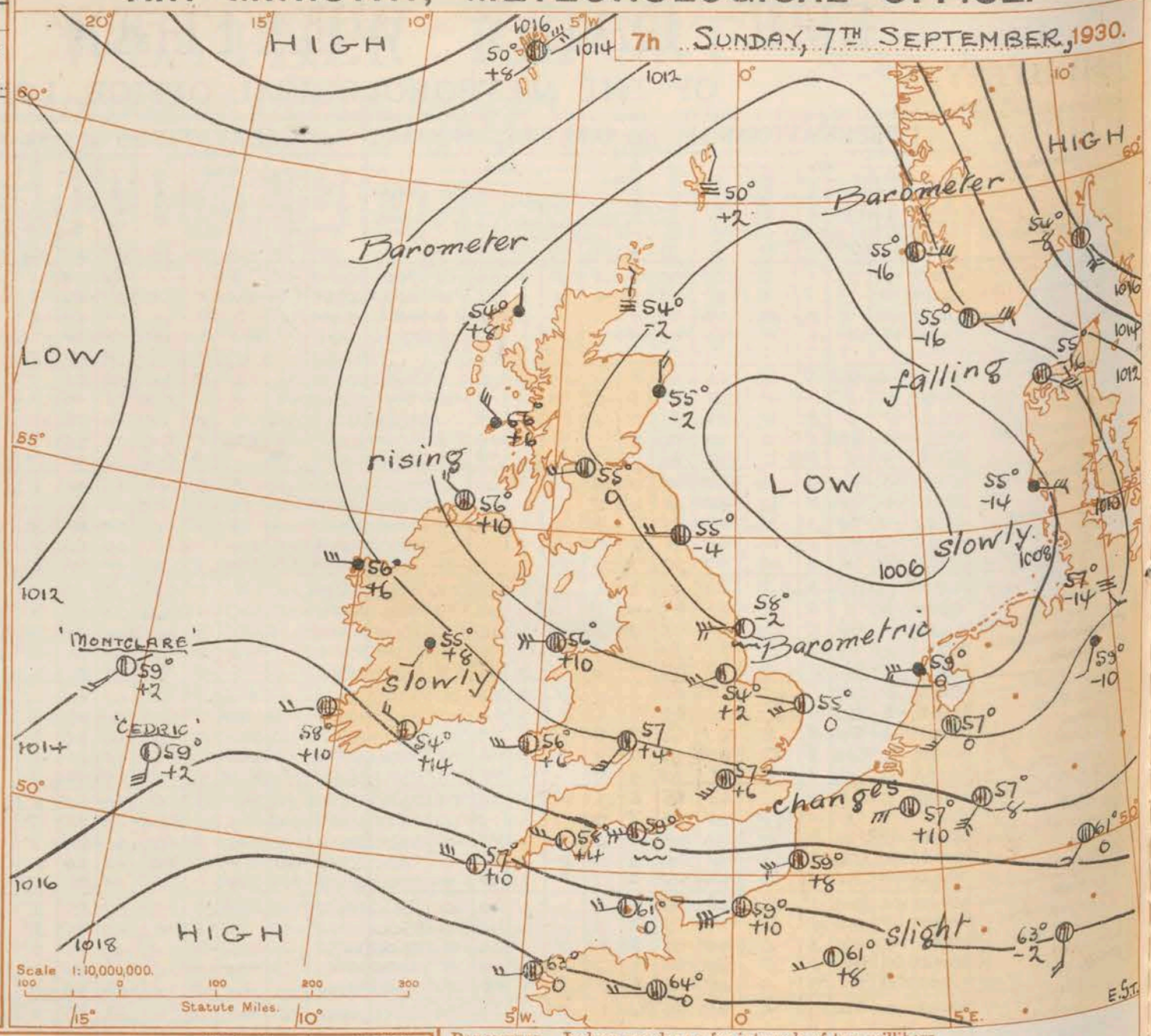
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 6th September 1930.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h.5th to 9h.6th	TEMPERATURE. Max. 9h.—17h. 6th	RAINFALL. Night. 17h.5th to 9h.6th	RAINFALL. Day. 9h.—17h. 6th	SUNSHINE. Sunrise to 17h. 6th	SUNSHINE. Sunrise to Sunset. 5th
Dunbar ...	bc	cr.	51	67	–	0·5	4·0	4·2
Berwick-on-T. ...	bc	c	52	62	–	–	6·5	3·6
Douglas	ORR	ORRc	56	59	–	19	0·2	3·7
Llandudno ...	c	rc	55	64	–	6	0·8	3·2
Colwyn Bay ...	o	orrbc	53	63	–	4	0·7	3·7
Rhyl	bcc	rc	52	63	–	4	0·8	2·7
Wallasey ...	bcpr.	roc	56	65	–	7	1·1	3·0
Southport . ‖	co	orro	52	65	–	5	0·8	2·2
Blackpool ...	co	oro	53	65	–	6	0·8	1·8
Morecambe ...	bcbcb	crcrr	55	66	–	c	1·5	1·0
Ilkley	Cbc	or	60	68	–	3	3·3	1·6
Cleethorpes ...	oc	ogru	54	68	–	Trace	1·2	4·8
Mablethorpe ...	om.wc	cbcpu	50	68	–	Trace	1·8	3·4
Skegness... ...	o	o	49 53	68	–	–	1·1	2·1
Aberystwyth ...	cir	rrair	53	62	0·3	9	0·3	0·1
Bath	cd.c	cbccd	53	67	Trace	Trace	0·6	7·0
Cheltenham .†	co	oipco	52	67	–	0·5	1·2	4·0
Leamington Spa	cr	c	53	66	–	1	0·5	3·2
Lowestoft ...	bm.ic	cibc	52	69	–	–	4·4	3·0
Dovercourt ...	bccm	bc	55	69	–	–	3·3	6·3
Maldon	bcc	bcc	54	72	–	–	3·3	5·7
Southend ...	c	c	55	73	–	–	2·8	5·0
Ilfracombe ...	cor	or	58	65	0·6	4	0·3	0·3
Bude	cpdc	cpco	55	65	–	1	0·9	1·1
St. Ives	cp	o	54	66	1	2	0·0	1·8
Penzance ...	cr	c	58	65	0·3	1	1·0	1·5
Torquay	wod.p	mcrp	59	66	Trace	0·6	0·9	3·3
Jersey	cr	bcc	64	67	–	0·4	0·7	0·3
Weymouth ...	cdc	cP	59	66	–	2	0·9	5·2
Bournemouth ...	oro	oro	56	65	0·3	0·5	0·1	5·6
Ventnor	ccbco	odou	60	65	–	Trace	1·5	9·7
Southsea ...	cdc	c	60	67	–	0·5	0·7	6·6
Bognor Regis ...	cbcbc	co	59	67	Trace	–	2·1	8·3
Littlehampton ...	cbc	bcc	59	66	–	–	2·8	9·2
Worthing ...	cbc	bcobc	60	67	0·3	–	4·0	9·9
Brighton... ...	cbc	bc	60	68	Trace	–	4·1	10·1
Eastbourne .†	cbc	bcc	58	67	–	–	5·3	9·7
Hastings †	cbcb	bbcc	55	69	–	–	4·9	8·4
Folkestone ...	wcbc	bc	57	71	–	–	5·4	7·2
Dover	mmbcc	cbc	58	67	–	–	5·7	8·1
Deal	cbc	bc	56	72	–	–	5·1	4·4
Tunbridge Wells	cbc	bcc	53	67	–	–	2·1	3·1
Ramsgate ...	bc	bc	57	70	–	–	5·3	3·7
Margate... ...	bc	bc	58	71	–	–	5·6	6·4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind west, light or moderate, backing southwest; bright periods, local showers; moderate temperature.
5. S.W. England 6. South Wales	Wind west, backing southwest, light or moderate; bright periods, local showers, some rain later; local fog later; moderate temperature.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind west, backing southwest, light to moderate or fresh; mainly cloudy, occasional rain or showers; moderate temperature.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Wind northwest, backing, light or moderate; cloudy, occasional rain or showers; moderate temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind N.E., light to moderate or fresh; cloudy, occasional rain; local fog; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland	As 7 - 12.
19. S.E. Ireland 20. S.W. Ireland	As 5 & 6.

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

GENERAL INFERENCE.

A depression over the North Sea is moving eastward while a second depression to the west of Ireland is also spreading east. Weather will be unsettled with winds from a westerly point but a short period of mainly fair weather is likely in Southern and Eastern England.

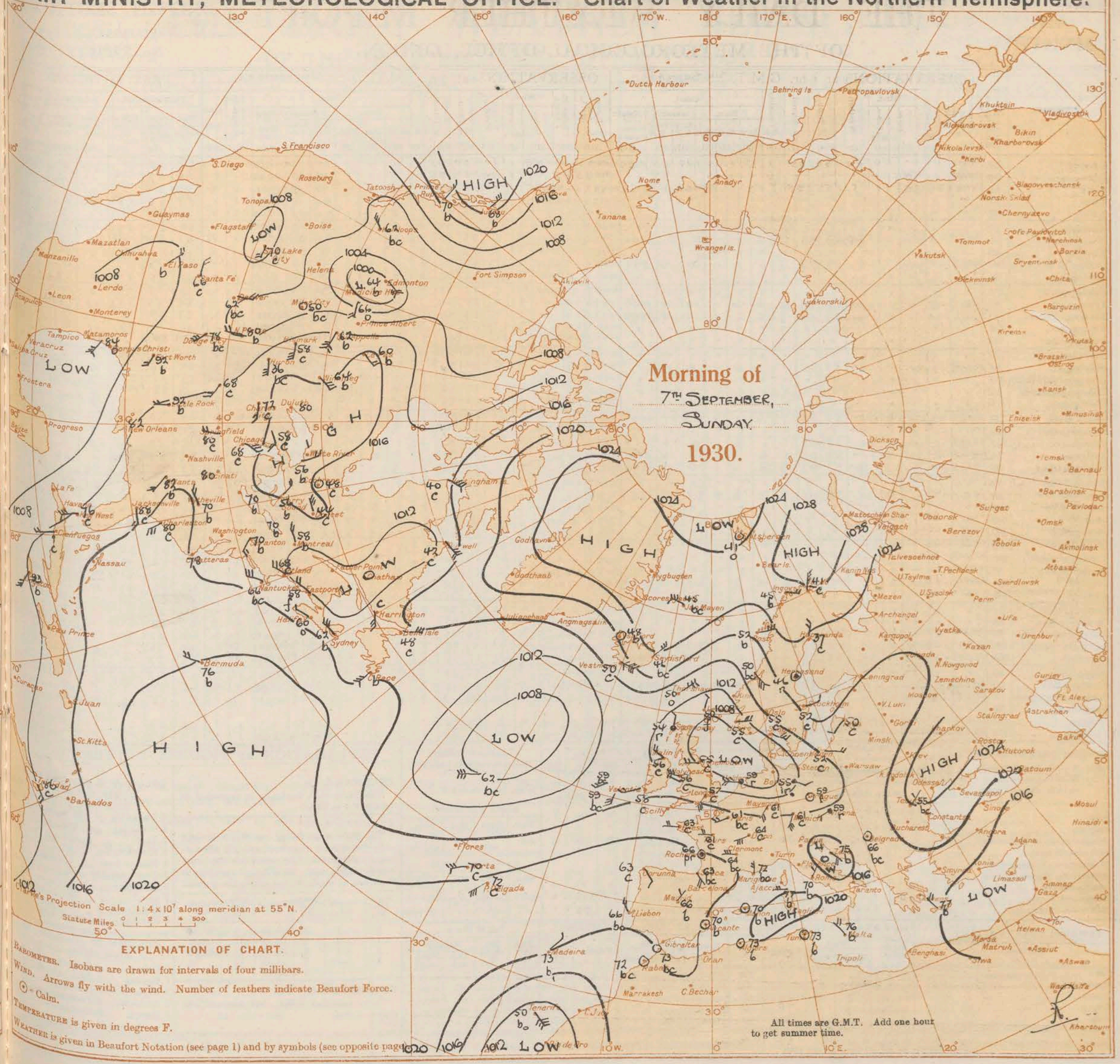
FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1030 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

7th September 1930.

No. 25126

OBSERVATIONS at 1 hr. G.M.T. 7th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1010.2	0	-	0	Fo	50	95	1	5	-	-	10	10	<150
Stornoway	34	1008.6	0	N'E	1	•	•	•	6	•	•	•	•	7-8	•
Wick	81	1008.3	-6	SE	1	c	55	95	8	5	-	8	4-6	7-8	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1008.4	+6	WSW	3	c/pr	57	95	7	3	-	-	9	9	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1007.8	-4	WNW	1	0	57	95	7	5	-	-	10	10	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1007.7	-8	N	1	o/r	58	95	6	6	-	-	10	10	1500
Blacksod Point	10	1011.6	+24	W	3	ir0	57	95	7	6	-	-	10	10	1500
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1009.8	+2	W	4	b	57	95	7	-	8	-	0	1	-
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1008.4	-6	W'N	3	pr	58	95	7	6	1	-	4-6	9+	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1009.6	-2	WSW	3	bc	55	95	6	-	8	1	0	4-6	-
Gorleston	14	1010.1	-12	SW	2	rr	59	95	6	6	-	-	10	10	800
Valentia Obs.†	30	1013.5	+4	SW	3	c/pr	57	95	8	8	-	-	9	9	2500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1011.1	+2	W	4	bc	59	95	8	8	6	9	2-3	4-6	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1012.7	+2	WSW	4	2	57	85	6	4	3	-	2-3	2-3	2500
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1016.1	+4	W'N	5	bc	58	95	8	2	-	-	2-3	2-3	4000
Falmouth	200	1015.9	+6	W'S	4	bc	58	85	7	3	-	-	4-6	4-6	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1013.6	0	WSW	5	c	61	85	8	4	7	-	4-6	7-8	2500
Calshot, S'hampton	8	1013.8	+4	SW'W	3	bc	57	85	8	1	4	1	1	2-3	2500
Dungeness	20														
Lympne	347	1012.4	-18	W'N	3	bc/r	58	95	7	7	-	-	4-6	4-6	1500
Guernsey	173	1016.8	+4	WSW	1	c	59	95	8	5	-	-	7-8	7-8	2500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1009.5	+4	N'E	1	Fo-	50	95	2	5	-	-	10	10	<150	1	•
Stornoway	1009.5	+8	N	1	rr	54	95	6	6	-	-	10	10	4000	1	0
Wick	1008.1	-2	NNE	1	Fo+	54	95	1	5	-	-	10	10	1500	0	2
Tiree	1009.0	+6	NW'N	3	id0	56	95	7	5	1	-	9+	10	2500	1	1
Nairn	1008.4	•	E	1	c/r	56	95	7	5	-	-	9+	9+	1500	2	•
Aberdeen	1006.9	-2	N	2	r0r0	55	95	6	6	2	-	9	10	1500	1	1
Malin Head	1009.3	+10	NW	2	c	56	85	9	5	-	-	9+	9+	1500	1	1
Renfrew	1008.3	0	WSW	2	c	55	95	8	5	-	-	9	9	2500	1	•
Inchkeith (Edin.)	1007.1	-2	WSW	2	ir0	55	95	6	5	-	-	10	10	800	1	1
Leuchars	1007.1	0	WNW	2	RR	55	95	6	6	-	-	10	10	800	1	•
Eskdalemuir	1007.7	0	WNW	2	c	53	85	8	5	-	8	4-6	7-8	1500	1	•
Tynemouth	1006.6	-4	W	2	c	55	95	7	5	-	-	7-8	7-8	1500	1	1
Blacksod Point	1012.6	+6	W	3	ir0	56	95	8	8	-	-	9	9	2500	1	2
Aldergrove	1010.2	+10	W'S	2	cjp	55	95	8	5	-	-	9	9	800	1	•
Donaghadee	1009.3	+8	SW	2	bc	53	95	8	4	3	-	4-6	4-6	4000	0	0
Birr Castle	1013.0	+8	SW	1	r0r0	55	95	6	6	-	-	10	10	2500	1	•
Holyhead	1010.9	+10	W'N	5	c	56	95	8	5	3	-	9	9+	800	1	2
Liverpool (Bidston)	1010.1	+2	W'S	4	c	56	95	7	9	-	4	7-8	7-8	1500	1	•
Chester (Sealand)	1011.0	+6	W	4	c	57	85	8	8	3	3	4-6	7-8	2500	1	•
Harrogate	1008.1	0	W	3	b	56	85	8	-	6	-	0	1	-	1	•
Spurn Head	1007.2	-2	W'N	5	bc	58	95	7	2	1	-	2-3	4-6	4000	0	4
Birmingham	1011.2	+4	WSW	3	c	55	95	8	8	3	6	2-3	7-8	4000	1	•
Cranwell	1009.5	+2	WSW	3	b	54	95	6	1	-	1	Tr	1	1500	1	•
Gorleston	1010.0	0	WSW	3	bc	55	95	7	6	2	-	1	2-3	2500	1	2
Valentia Obs.†	1015.1	+10	W'S	2	c	58	95	8	8	-	-	9+	9+	800	1	2
Roches Point	1013.7	+14	NW	2	bc	54	95	8	5	-	-	2-3	2-3	2500	0	0
Pembroke	1012.8	+6	W	3	bc	58	95	8	8	7	9	4-6	4-6	1500	1	2
Ross-on-Wye	1012.1	+4	SW	3	c	57	85	8	6	3	9	1	7-8	4000	1	•
Leafield	1012.0	0	WSW	3	bc	55	95	8	8	4	9	2-3	4-6	4000	1	•
Cardington	1010.6	+2	WSW	4	bc	59	85	8	1	3	2	1	2-3	800	0	•
Winchester	1013.4	+2	WSW	3	bc	56	95	8	5	-	-	4-6	4-6	2500	1	•
S. Farnborough	1012.6	0	W'S	3	bc	56	95	7	6	3	1	1	2-3	800	1	•
London (Kew)	1012.4	+6	SW'W	3	c	57	95	8	5	4	5	4-6	7-8	800	1	•
Croydon	1012.6	+2	WSW	4	bc	56	85	7	5	3	-	4-6	4-6	800	1	•
Manston	1011.9	0	SW	4	b	57	95	8	-	3	-	0	1	-	1	•
Shoeburyness	1011.9	0	W'S	4	bc	57	95	6	5	-	-	2-3	2-3	1500	1	•
Clacton-on-Sea	1011.2	0	WSW	4	bc	56	95	7	7	-	-	4-6	4-6	450	0	3
Felixstowe	1010.9	0	W'S	3	b	56	95	8	5	-	-	Tr	Tr	4000	1	2
Scilly (St. Mary's)	1017.0	+10	WNW	3	bc	57	95	8	2	-	-	2-3	2-3	4000	0	1
Falmouth	1016.7	+10	W	3	pr0	57	95	8	3	-	-	4-6	4-6	4000	1	0
Plymouth	1015.4	+4	W	3	b	58	85	7	9	8	-	1	1	1500	1	2
Portland Bill	1014.0	+4	W'S	5	bc	60	85	8	4	4	-	2-3	4-6	2500	1	4
Calshot, S'hampton	1013.8	0	SW'W	3	bc	59	85	8	8	3	-	2-3	4-6	4000	1	1
Dungeness																
Lympne	1012.7	0	W	4	b	54	95	7	-	4	-	0	Tr	-	1	•
Guernsey	1016.8	0	W	2	bc	61	85	7	5	6	-	4-6	4-6	2500	1	2

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 6th Hrs. (36)
Lerwick	57	50	•	2	Tr	0.0
Stornoway	61	53	•	-	3	1.9
Wick	59	54	•	-	-	•
Tiree	57	55	53	6	0.1	0.4
Nairn	65	53	•	-	2	6.2
Aberdeen	66	52	52	-	0.4	9.8
Malin Head	63	54	•	5	5	2.0
Renfrew	64	52	47	6	2	1.5
Inchkeith (Edin.)	65	53	53	1	5	5.2
Leuchars	65	55	54	2	13	6.1
Eskdalemuir	63	48	43	6	4	0.8
Tynemouth	62	55	52	0.3	2	•
Blacksod Point	63	54	•	*3	*3	•
Aldergrove	66	50	38	14	0.3	3.0
Donaghadee	63	50	•	4	0.5	•
Birr Castle	65	53	44	8	3	2.7
Holyhead	62	56	52	9	0.5	1.7
Liverpool (Bidston)	63	55	51	7	1	1.2
Chester (Sealand)	64	48	41	5	1	1.4
Harrogate	66	54	52	2	7	3.0
Spurn Head	69	56	•	1	8	1.6
Birmingham	63	53	51	8	5	0.7
Cranwell	68	52	50	3	2	1.6
Gorleston	69	54	52	-	30	2.9
Valentia Obs.†	63	55	52	0.6	1	3.9
Roches Point	65	54	•	0.1	Tr	•
Pembroke	60	57	•	26	Tr	0.0
Ross-on-Wye	64	54	49	7	-	0.4
Leafield	65	52	43	0.5	2	0.8
Cardington	68	53	51	0.1	Tr	2.7
Winchester	65	53	50	Tr	22	0.2
S. Farnborough	67	52	45	0.1	13	1.2
London (Kew)	69	54	51	Tr	13	1.4
Croydon	64	55	51	Tr	15	1.6
Manston	72	52	49	-	12	4.8
Shoeburyness	71	54	52	-	9	2.9
Clacton-on-Sea	69	55	52	-	6	4.3
Felixstowe	69	55	52	-	9	2.4
Scilly (St. Mary's)	69	55	52	-	-	1.5
Falmouth	63	57	•	1	0.1	0.6
Plymouth	63	57	55	1	0.6	0.2
Portland Bill	65	59	•	2	2	•
Calshot, S'hampton	67	55	52	2	10	1.1
Dungeness						
Lympne	67	53	51	-	8	4.5
Guernsey	69	58	55	2	1	2.9

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	bc	cp0c	cRkqtr0	69	54	51	Tr	13	1.4	•	•	8
Croydon	244	c	cd0c	orRtlr	69	55	51	Tr.	15	1.6	•	•	7
Greenwich (Royal Observatory)	149	c	cp0	cRtlrb	74	53	49	Tr.	12	2.5	78	74	7
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	•	•	•	•
Westminster (St. James' Park)	27	•	•	•	69	55	52	8		1.5	73	77	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	1.7	•	•	•
Camden Square	110	c	c	•	69	55	x	-	9	•	•	77	•
Kensington Palace	80	bccc0	c0	•	69	54	48	-	9	•	At 18h. 95	56	•
Hampstead Observatory	450	c	c0d	•	66	50	•	Tr.	7	1.7	•	82	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 7th

South Kensington. Max.	Time.	Min.	Time.
0.5	8h. 6th.	0.3	13h. 6th. 6h. 7th.

Kew Observatory. Max.	Time.	Min.	Time.
0.1	8-9h 6th	<0.1	Rest of period

FOREIGN OBSERVATIONS.

18h. G.M.T. 6th September

Stations.	Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.
Paris	1016.7	-	0	c	70
Brussels	1015.2	W'S	2	c	63
Berlin	1016.8	E	2	c	63
Zürich	1019.1	S	1	c	68
Rome	1018.9	SW	2	bc	75

7h. G.M.T. 7th September

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1017.3	WSW	4	c	59	70	59	-	3
Brussels	1012.8	W	3	U	57	68	57	Tr.	8
Berlin	1010.6	ESE	1	ir0	55	66	55	-	0.5
Zürich	1018.7	NW	1	c/pr	61	82	61	Tr.	5
Rome	1018.7	NE	1	m	70	86	59	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION 8th. September 1930.

No. 25127

OBSERVATIONS at 13h. G.M.T. 7th. September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1009.1	0	NE	1	c	55	95	6	5	2	-	4-6	10	1500
Stornoway	1010.3	0	NW	3	c	59	75	8	4	1	-	7-8	9	4000
Wick	1009.2	+2	WNW	1	c	59	85	7	8	6	-	4.6	7-8	1500
Tiree	1010.6	+8	NW	4	c	57	85	8	5	7	-	2.3	10	2500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1007.8	+6	NW	3	c	58	85	7	6	7	-	2.3	10	2500
Malin Head	1011.6	+10	NW	3	c	59	95	8	3	6	-	2.3	9	1500
Renfrew	1008.7	+4	WNW	2	c	62	85	8	8	-	-	10	10	2500
Inchkeith (Edin.)	1008.3	+10	W	1	rr	56	95	6	6	.	.	10	10	800
Leuchars	1008.0	+6	NW	2	c	59	85	7	5	2	-	7-8	10	1500
Eskdalemuir	1008.5	+2	WNW	3	rr	55	95	7	6	2	-	4-6	10	1500
Tynemouth	1006.6	0	W	3	r_or_o	59	85	7	6	-	.	10	10	1500
Blacksod Point	1014.2	+6	W	3	c	59	85	9	8	—	—	7-8	7-8	2500
Aldergrove	1012.3 [corrected in red]	+6	WN	3	pr_o	58	85	6	8	-	-	9	9	800
Donaghadee	1010.5	+6	NW	1	c	60	75	8	5	-	-	9	9	2500
Birr Castle	1014.2	0	W	2	c/pr	61	85	8	9	-	-	9+	9+	1500
Holyhead	1011.9	+2	WN	5	c	62	75	8	5	3	1	7-8	7-8	5700
Liverpool (Bidston)	1010.6	+4	W	6	c	58	85	8	9	-	-	10	10	2500
Chester (Sealand)	1011.6	+2	WNW	5	pr_o	60	75	8	9	-	-	9+	9+	1500
Harrogate	1007.9	-6	W'S	5	bc	62	65	9	8	-	1	2.3	2.3	4000
Spurn Head	1007.1	0	WN	5	c/pr	60	95	7	3	6	9	2.3	7-8	4000
Birmingham	1011.4	0	W	4	c	62	65	8	2	3	-	7-8	7-8	2500
Cranwell	1009.3	-4	WSW	4	c/pr	60	85	7	8	3	-	7-8	9	1500
Gorleston	1009.4	+6	WSW	2	tlr_o	62	85	6	9	-	-	9	9	1500
Valentia Obs.	1016.4	+2	W	3	bc	62	85	9	8	-	1	4-6	4-6	1500
Roches Point	1015.1	-2	E	3	c	64	75	8	3	-	-	7-8	7-8	2500
Pembroke	1014.4	+2	SW	3	bc	61	85	8	4	4	1	2.3	4-6	4000
Ross-on-Wye	1012.4	0	W	3	c	62	75	8	8	-	-	10	10	4000
Leafield	1012.0	0	W'N	5	c	61	65	9	8	7	-	9	9+	2500
Cardington	1010.6	-4	W	3	jp	64	65	8	8	6	-	7-8	9	4000
Winchester	1013.2	-2	WNW	3	c	63	65	8	8	-	-	9	9	2500
S. Farnborough	1012.5	-2	W	4	c	67	75	8	9	4	-	7-8	7-8	2500
London (Kew)	1011.9	-6	WSW	3	c	66	55	8	7	-	8	7-8	7-8	4000
Croydon	1012.2	-10	W'S	4	c	65	55	8	8	-	-	7-8	7-8	4000
Manston	1011.5	-6	WSW	3	c	67	65	8	7	-	-	9+	9+	2500
Shoeburyness	1011.5	0	WSW	3	c	65	75	7	5	5	-	7-8	7-8	2500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1010.6	-6	W	3	dpr	66	85	8	7	3	-	7-8	7-8	1500
Scilly (St. Mary's)	1017.1	0	WNW	3	bc	64	95	8	1	-	-	2.3	2.3	4000
Falmouth	1016.9	-6	WNW	2	bc	64	75	8	2	3	-	4-6	4-6	4000
Plymouth	1015.7	-2	W	4	c/pr	64	75	8	9	-	-	7-8	7-8	2500
Portland Bill	1014.5	0	WSW	5	bc	62	85	8	3	4	-	2.3	4-6	2500
Calshot, S'hampton	1014.0	0	SW	4	dpr	64	75	8	8	3	-	7-8	7-8	1500
Dungeness														
Lympne	1012.1	-2	W	4	c	64	65	9	8	-	-	7-8	7-8	1500
Guernsey	1017.2	0	W	3	c	66	75	8	8	6	-	4-6	7-8	2500

OBSERVATIONS at 18h. G.M.T. 7th. September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1008.5	-2	-	0	o	55	95	5	5	-	-	10	10	800	0	•
Stornoway	1009.6	-4	NNW	1	c	55	95	7	8	-	-	9+	9+	4000	0	1
Wick	1008.3	0	NW	2	c	55	95	8	5	2	-	4-6	10	2500	0	2
Tiree	1011.4	+2	NW	5	bc	56	85	8	5	3	-	1	2.3	1500	0	3 [corrected in red]
Nairn	1008.6	•	—	0	c	58	85	7	5	2	—	4-6	9	1500	●	•
Aberdeen	1008.6	+6	NNW	2	bc	58	85	7	5	3	9	2.3	4-6	1500	1	1
Malin Head	1012.5	+4	NNW	3	bc	57	95	8	2	3	-	2.3	2.3	~~450~~ 1500	0	2
Renfrew	1009.5	+4	W	1	c/pr_o	59	85	8	5	-	-	10	10	2500	1	•
Inchkeith (Edin.)	1009.2	+4	SW	1	o	57	95	8	5	-	-	10	10	800	1	0
Leuchars	1008.5	+2	SE	1	c	59	95	7	7	7	-	4-6	9+	2500	1	•
Eskdalemuir	1009.2	+6	ENE	1	c	56	95	8	5	4	-	7-8	9	2500	1	•
Tynemouth	1007.4	+10	NW	2	o/r	55	95	7	6	-	-	10	10	1500	1	1
Blacksod Point	1014.1	0	W	3	c	59	85	9	8	—	—	7-8	7-8	1500	0	2
Aldergrove	1011.8	+4	NWN	3	c	58	85	8	8	-	-	7-8	7-8	1500	1	•
Donaghadee	1011.1	+6	N'W	2	c	59	85	7	5	-	-	9	9	2500	0	1
Birr Castle	1013.9	0	W	1	c	60	85	8	8	-	-	9	9	2500	1	•
Holyhead	1011.9	0	W	4	bc	61	75	8	8	-	3	2.3	2.3	4000	1	2
Liverpool (Bidston)	1010.8	0	W	4	bc	59	85	8	8	6	-	4-6	4-6	4000	0	•
Chester (Sealand)	1011.4	0	WNW	4	bc	61	75	8	8	-	4	2.3	4-6	2500	1	•
Harrogate	1008.8	0	W	4	c	57	85	8	6	1	-	7-8	9+	2500	1	•
Spurn Head	1006.7	0	NW'W	6	q	60	95	7	3	1	8	4-6	9	4000	0	4
Birmingham	1011.4	-2	WN,W	4	bc	59	75	8	4	7	9	4-6	4-6	2500	1	•
Cranwell	1009.4	+2	W'N	4	c	58	85	7	6	-	-	9+	9+	1500	0	•
Gorleston	1008.4	-6	W'S	2	bc	59	85	6	2	6	-	2.3	4-6	2500	1	2
Valentia Obs.	1015.6	-6	W	2	c	60	85	8	8	3	4	4-6	9	1500	0	1
Roches Point	1014.7	-2	WNW	2	c	63	85	9	9	-	1	7-8	7-8	1500	0	0
Pembroke	1013.9	-2	WSW	3	bc	61	95	8	5	4	-	2.3	4-6	4000	0	2
Ross-on-Wye	1012.9	0	WNW	3	c	60	75	8	4	-	-	7-8	7-8	4000	1	•
Leafield	1012.0	0	W'N	5	bc	57	55	9	8	4	-	4-6	4-6	4000	0	•
Cardington	1010.7	+2	W'S	3	ip	60	75	8	8	3	2	4-6	7-8	2500	1	•
Winchester	1013.0	0	W	4	c	61	65	9	5	-	-	7-8	7-8	4000	0	•
S. Farnborough	1012.2	+2	WNW	4	pr_o	63	75	8	9	3	-	9	9+	1500	1	•
London (Kew)	1011.9	0	W'S	3	u	62	75	8	9	7	-	7-8	9.	2500	1	•
Croydon	1012.2	+2	W	3	c/pr	60	85	7	8	3	-	7-8	9	2500	1	•
Manston	1010.9	+4	W	3	pr	63	85	8	5	3	-	7-8	9+	2500	0	•
Shoeburyness	1011.4	0	W	1	c	62	85	7	5	-	-	9	9	2500	0	•
Clacton-on-Sea	1010.7	0	NW	4	PR	60	85	7	3	9	-	~~7-8~~ 5	7-8	450	1	2
Felixstowe	1010.2	0	W	3	c/pr	60	75	8	8	-	-	7-8	7-8	2500	1	3
Scilly (St. Mary's)	1016.6	-6	NWN	3	bc	61	95	8	2	-	1	2.3	4-6	4000	0	2
Falmouth	1016.7	0	NW	3	bc	62	75	9	1	-	1	4-6	4-6	4000	0	1
Plymouth	1015.3	-2	NW	3	bc	62	75	9	9	-	-	4-6	4-6	4000	0	2
Portland Bill	1013.8	-2	WSW	4	bc	62	85	8	2	4	-	2.3	2.3	4000	0	4
Calshot, S'hampton	1013.4	-2	W'S	3	bc	63	75	8	8	3	-	2.3	4-6	2500	0	2
Dungeness																
Lympne	1011.5	-2	W'S	3	c	61	85	8	5	3	-	9	9+	1500	0	•
Guernsey	1016.8	-4	W	1	c/d	61	85	8	8	6	-	4-6	7-8	2500	0	2

PAST 24 HOURS. — Weather.

Stations	7h.–13h. 7th (37)	13h.–18h. 7th (38)	18h. 7th to 1h. 8th (39)	1h.–7h. 8th (40)
Lerwick	fom_o	om_o	$om_or_or_o$	or_or_o
Stornoway	o	c	cbccor	cid_o
Wick	offc	c	crrc	cbc
Tiree	c	cbcb	$bbccir_opr$	c
Nairn	cbc	bcc	cr	cpr
Aberdeen	r_or_oc	ccbc	bcbc	orrbc
Malin Head	ciDc	cbc	bccbc	bcp_oc
Renfrew	c	cp_o	cbcw	bcw
Inchkeith (Edin.)	or_or_o	$orrir_o$	om_om_ow	$ocir_o$
Leuchars	oRr_or_oc	c	ccw	ccgwbcw
Eskdalemuir	bccorr	cir_oc	c	c
Tynemouth	$coir_o$	oir	o	c
Blacksod Point	c	c	c	c
Aldergrove	cpr_o	prc	cobc	cbcw
Donaghadee	bcc	cpr_oc	c	c
Birr Castle	or_o bccpr	cpr,Rc	c	c
Holyhead	c	bcb	bcc	c
Liverpool (Bidston)	PRo	cvbc	cuobc	cirew
Chester (Sealand)	prc	cbc	pR	bcm_o
Harrogate	bbc	$bccr_o$	c	cb
Spurn Head	bccprtq	dqpRc	c/pr_oc	bc
Birmingham	$cbcpr_o$	$cprcpr_o$	bcb	b
Cranwell	bcm_opr	Rcpr	cm_o	$cwbcm_o$
Gorleston	bcc	ctlrbc	bcco	ocbc
Valentia Obs.	cvbcv	bcvc	cp_oc	$cir_ocr_or_o$
Roches Point	bcc	cv	crbcw	cw
Pembroke	bc	bcbbc	bcc	bcc
Ross-on-Wye	cbcc	cpcbc	cbb	bwbcb
Leafield	bcc	p_ocbc	bcbw	bwbcb
Cardington	cprc	cPRqc,p	cbc	$bcwm_o$
Winchester	ccpr	cbcvy	cvbc	cbcff
S. Farnborough	bc	$bcycp_o$	crbw	bwbf
London (Kew)	bccy	cp_ocu	cp_obw	bwofew
Croydon	bcdbc	bccypr	[illegible]bcbbcwm_o	$bcwcm_o$
Manston	b,c	cpr	cp_ob	$bbcm_o$
Shoeburyness	bc	c	cbc	bcw
Clacton-on-Sea	bccbc	bccP	cpc	cbc
Felixstowe	bbccpr	cprqbc	$bcpr_o$	bc
Scilly (St. Mary's)	bc	bc	bcc	c
Falmouth	bcp_o	bcv	bc	bc
Plymouth	b,cpr	cpr_obcv	bcvc b	bwofe
Portland Bill	bc	bc	bbc	bc
Calshot, S'hampton	bcqjp	cbcjp	bwbcw	bcw
Dungeness				
Lympne	bcv	bcvc	cotlRb	$bwbcm_ofm$
Guernsey	bc	$cbcd_o$	cwbcw	bcwbe

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.
m, mist, " 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

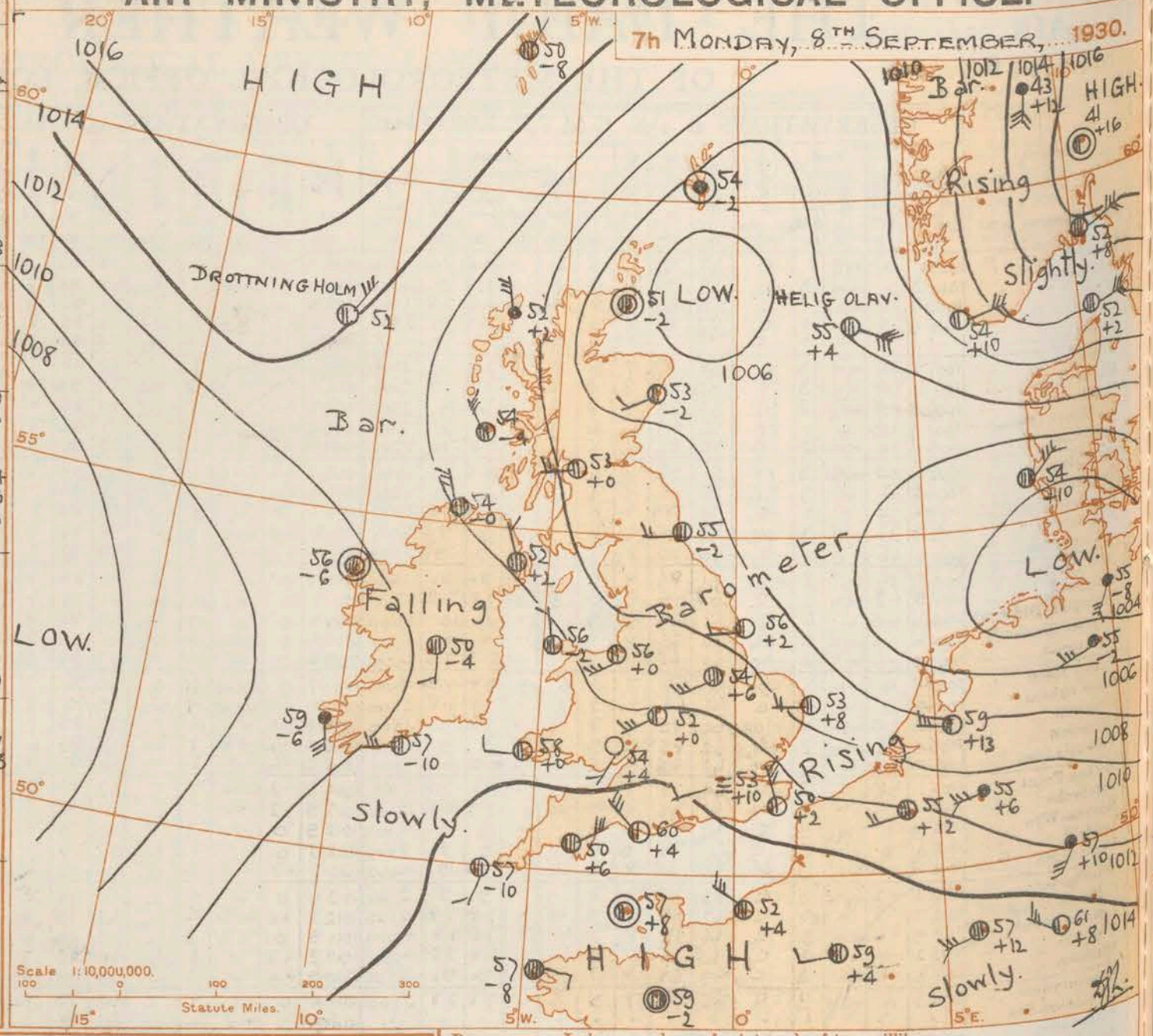
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 7th September 1930.

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 6h. 9h. to 7h. 9h.	Temperature. Max. 9h.—17h. 7h.	Rainfall. Night. 17h. to 9h.	Rainfall. Day. 9h.—17h.	Sunshine. Sunrise to 17h.	Sunshine. Sunrise to Sunset.
Dunbar ...	or	oro	54	61	13	9	0·0	4·0
Berwick-on-T. ...	RR	oR	52	61	7	13	0·0	6·5
Douglas	cbbc	bccitcb	52	62	0·3	Trace	5·7	0·2
Llandudno ...	c	bc	57	64	-	-	3·3	1·5
Colwyn Bay ...	irro	obcb	56	63	Trace	0·3	3·0	1·0
Rhyl	m.prc	cbc	55	62	0·3	-	3·4	1·5
Wallasey ...	bcpc	bcc	56	62	0·5	0·5	2·9	1·1
Southport . ‖	oco	rocbcc	57	61	0·5	3	3·3	0·8
Blackpool ...	cp	oc	57	63	0·3	0·4	3·7	1·2
Morecambe ...	cdpbc	cbc	57	62	1	Trace	3·7	1·5
Ilkley	bcp.b	bcp.c	54	64	1	Trace	6·5	3·3
Cleethorpes ...	Rtbm	bcRc	54	66	14	-	7·9	1·2
Mablethorpe ...	bbccp	ctRhpcp	53	66	4	8	7·2	1·8
Skegness... ...	o	opo	52	69	2	2	1·1	1·3
Aberystwyth ...	cir	cbc	58	61	0·3	-	2·9	0·9
Bath	cbc	bc	56	66	5	-	7·5	0·6
Cheltenham .†	c	cipbc	54	64	1	0·3	3·0	1·2
Leamington Spa	rocp	cp	54	65	6	2	4·0	0·5
Lowestoft ...	citbr	ctlb	53	64	13	12	6·5	4·4
Dovercourt ...	roc	rbc	54	67	29	15	6·6	3·3
Maldon	bc	bcpc	53	69	8	0·5	5·1	3·3
Southend ...	bc	cr.	54	68	9	Trace	4·4	2·8
Ilfracombe ...	ocbc	b	57	64	6	-	6·1	0·3
Bude	rocbc	bcpbc	57	62	5	0·3	5·4	0·9
St. Ives	b	b	56	63	2	-	10·2	0·0
Penzance ...	b	b	57	67	4	-	9·3	1·0
Torquay	bbc	bv	56	68	-	-	9·9	0·9
Jersey	rbc	bc	60	66	1	-	5·7	0·7
Weymouth ...	bbcb	cb	58	68	1	-	9·7	0·9
Bournemouth ...	b	bcdc	55	67	4	0·3	8·0	0·1
Ventnor	orcub	bzpbz	56	65	17	Trace	7·7	1·5
Southsea ...	bcp.	bcb	58	68	7	0·3	7·0	0·7
Bognor Regis ...	bcrbc	bcb	57	68	13	0·3	8·8	2·3
Littlehampton ...	bc	bc	55	67	7	-	9·4	3·2
Worthing ...	bccr	bc	56	68	6	Trace	8·9	4·2
Brighton... ..	bc	bcpcbc	57	68	3	Trace	9·1	4·1
Eastbourne .†	bbc	bcb	58	67	7	-	10·4	5·3
Hastings †	bbcc	cbcoRc	54	67	7	4	8·0	4·9
Folkestone ...	rbc	bcc	54	69	11	-	9·8	5·7
Dover	bcc	cbc	56	68	13	-	8·1	6·2
Deal	bcb	bcp	54	71	9	Trace	9·1	5·2
Tunbridge Wells	b	bbcor	53	68	7	2	9·7	2·1
Ramsgate ...	bc	bc	54	68	10	-	6·9	5·5
Margate	bc	bcpc	54	67	12	Trace	6·3	5·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ∼ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 8th Sept., 1930.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind west, backing southwest to south, light or moderate; fair today, some rain tomorrow; moderate temperature.
5. S.W. England 6. South Wales 7. North Wales	Wind southerly, mainly light or moderate; cloudy, rain at times; moderate temperature.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind westerly to variable, light or moderate; variable sky, some local showers, perhaps more general rain tomorrow; moderate temperature.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Wind northwest, light or moderate, becoming variable; cloudy, some showers; moderate temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind northwest to north, light or moderate; cloudy, occasional rain; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.

GENERAL INFERENCE.

A depression over the Northern North Sea is almost stationary, while a larger system on the Atlantic is advancing slowly. Showers will occur in the North and rain in the Southwest but weather will be fair today in the Southeast.

FURTHER OUTLOOK.

Unsettled.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

Forecasts issued at 0915 G.M.T.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
8th. September 1930.
No. 25127.

OBSERVATIONS at 1 hr. G.M.T. 8th. September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1008·2	-2	-	0	r_0r_0	53	95	7	6	-	-	10	10	1500
Stornoway	34	1010·1	0	NNE	3	i/r	51	95	6	6	-	-	9	9	4000
Wick	81	1007·1	-6	SW	1	c	53	95	7	6	2	-	7-8	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•			•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1012·7	-4	NW	2	bcjp	55	95	7	3	8	-	2-3	2-3	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1009·6	-6	SW	3	z	55	95	6	5	-	-	10	10	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1009·2	+2	NW	2	c	53	95	7	6	-	-	7-8	7-8	1500
Blacksod Point	10	1013·9	?	—	0	c	57	95	8	8	—	—	7-8	7-8	1500
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1012·3	0	NNW	4	c	57	95	8	5	-	4	7-8	7-8	2500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1008·6	+4	NW	5	c	58	95	7	5	2	-	4-6	10	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1011·0	+10	W	3	o	55	95	6	5	-	-	10	10	2500
Gorleston	14	1008·7	+2	W'N	3	pr	56	95	6	6	-	-	10	10	1500
Valentia Obs.†	30	1014·2	-6	SE	2	c/r	57	95	8	8	-	-	9+	9+	2500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1013·7	+2	W	2	c	59	95	8	4	/	8	4-6	7-8	4000
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1012·8	+2	WSW	2	bc	53	95	7	-	3	-	0	2-3	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1016·3	-4	NW	1	c	55	95	8	5	-	-	9+	9+	4000
Falmouth	200	1016·6	0	W'S	2	c	55	95	7	5	-	-	7-8	7-8	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1014·2	-2	W'N	3	bc	59	85	8	-	4	2	0	4-6	-
Calshot, S'hampton	8	1013·9	0	W'N	2	bc	55	85	8	-	-	6	0	4-6	-
Dungeness	20														
Lympne	347	1012·6	+2	NW	3	b	51	95	7	-	-	-	0	0	-
Guernsey	173	1016·4	-4	-	0	bc	56	95	9	/	/	-	2-3	4-6	2500

OBSERVATIONS at 7 hr. G.M.T. 8th. September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1007·4	-2	—	0	r_0r_0	54	85	7	6	—	—	10	10	1500	1	•
Stornoway	1010·3	+2	N	3	id_0	52	85	7	8	4	—	7-8	7-8	4000	1	2
Wick	1006·0	-2	—	0	c	51	95	8	3	9	—	4-6	7-8	1500	1	2
Tiree	1017·1	-4	NW'N	3	c	54	75	7	8	3	—	9	9	4000	0	2 3
Nairn	1007·7	•	W	1	c	53	75	8	3	—	—	7-8	7-8	2500	1	•
Aberdeen	1007·6	-2	WSW	1	bc	53	95	7	5	—	—	4-6	4-6	4000	1	1
Malin Head	1011·8	0	NNW	3	c	54	95	8	4	—	—	9+	9+	1500 2500	0	2
Renfrew	1009·6	0	W	2	bc	53	85	8	5	—	—	2-3	2-3	4000	1	•
Inchkeith (Edin.)	1009·7	-2	WSW	3	c	53	95	7	5	3	—	7-8	9	800	0	0
Leuchars	1008·0	0	SW	2	bc	53	95	8	4	—	—	4-6	4-6	5700	1	•
Eskdalemuir	1009·5	0	S	2	c	51	96	8	5	—	—	9	9	1500	1	•
Tynemouth	1008·7	-2	W	2	c	55	95	6	4	—	—	7-8	7-8	4000	0	2
Blacksod Point	1011·4	-6	—	0	c	56	95	8	1	3	—	Tr.	7-8	2500	0	2
Aldergrove	1012·1	0	SW'S	1	c	51	96	8	5	3	—	9	9+	2500	1	•
Donaghadee	1011·2	+2	NNW	1	c	52	96	8	5	3	—	4-6	7-8	4000	0	0
Birr Castle	1012·8	-4	S	1	c	50	95	7	5	—	—	9+	9+	4000	1	•
Holyhead	1012·2	+2	N'W	1	c	56	95	8	5	3	—	4-6	9	800	1	0
Liverpool (Bidston)	1011·8	0	W	3	bc	56	95	8	8	—	—	4-6	4-6	4000	0	•
Chester (Sealand)	1012·2	+2	WNW	3	bc	56	85	6	5	3	—	2-3	4-6	1600	1	•
Harrogate	1009·8	0	SW	3	bc	55	85	7	—	4	1	—	2-3	—	1	•
Spurn Head	1009·7	+2	W	1	bc	56	95	5	5	—	—	4-6	4-6	1500	0	3
Birmingham	1013·0	0	WSW	2	bc	52	95	5	5	—	—	2-3	2-3	4000	0 1	•
Cranwell	1011·1	+6	WSW	3	c	54	95	6	5	—	—	9+	9+	2500	1	•
Gorleston	1009·9	+8	W	2	bc	53	95	6	4	—	—	4-6	4-6	4000	0	2
Valentia Obs.†	1010·7	+6	SSE	3	r_0r_0	59	95	6	6	2	—	9	10	800	1	2
Roches Point	1012·8	-10	W	3	c	57	95	8	3	—	—	9	9	2500	0	0
Pembroke	1013·8	0	W	1	bc	58	96	8	1	—	—	2-3	2-3	4000	0	1
Ross-on-Wye	1013·0	+4	SW	1	b	54	96	8	5	—	—	1	1	4000	1	•
Leafield	1012·9	+6	W'S	3	b	53	96	6	5	4	8	Tr.	Tr.	1500	0	•
Cardington	1011·9	+2	WSW	3	c	53	95	6	7	—	1	4-6	7-8	7200	0	•
Winchester	1013·6	+2	S	1	of	50	95	3	5	—	—	10	10	450	0	•
S. Farnborough	1013·3	+2	—	0	b/f	51	95	6	—	4	—	0	Tr.	—	1	•
London (Kew)	1013·5	+10	WSW	1	f+	53	95	2	5	—	—	10	10	<150	1	•
Croydon	1013·5	+8	W'S	3	z	53	95	5	5	—	—	9+	9+	800	1	•
Manston	1012·2	+6	W'S	3	bc	54	95	6	—	—	6	—	4-6	—	0	
Shoeburyness	1012·5	+6	W	2	bc	54	95	6	—	8	8	0	4-6	—	1	•
Clacton-on-Sea	1012·0	+6	W	3	c	53	95	7	—	5	2	0	10	—	1	1
Felixstowe	1011·8	+6	W	3	c	55	85	7	—	—	4	0	7-8	—	1	2
Scilly (St. Mary's)	1014·4	-10	SSW	1	c	57	95	8	8	—	8	7-8	9	4000	0	0
Falmouth	1015·4	0	—	0	bc	56	95	8	7	3	2	2-3	4-6	4000	0	0
Plymouth	1014·7	+6	ENE	3	f-	50	96	3	5	—	—	10	10	<150	1	1
Portland Bill	1013·9	+4	WNW	3	bc	60	85	8	2	4	—	2-3	4-6	2500	0	3
Calshot, S'hampton	1013·8	+2	SSW	1	bc	56	95	8	2	3	9	1	4-6	4000	0	0
Dungeness				•												
Lympne	1012·9	+2	NW	3	m	50	95	4	—	—	6	0	4-6	—	1	•
Guernsey	1015·4	+8	—	0	bc	67	95	8	5	3	1	2-3	4-6	2500	0	1

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 7th Hrs. (36)
Lerwick	56	52	*	-	3	0·2
Stornoway	60	50	•	0·4	0·6	1·3
Wick	59	50	*	-	3	•
Tiree	57	53	48	Tr	0·1	2·4
Nairn	61	50	•	-	2	2·1
Aberdeen	60	52	50	0·2	2	0·8
Malin Head	60	53	*	1	Tr.	4·2
Renfrew	63	50	44	0·3	—	0·1
Inchkeith (Edin.)	58	52	50	5	Tr.	0·0
Leuchars	62	53	45	3	Tr.	0·0
Eskdalemuir	57	40	41	3	—	0·0
Tynemouth	59	52	45	4	—	•
Blacksod Point	62	54	•	Tr	—	•
Aldergrove	63	48	37	2	Tr.	3·0
Donaghadee	63	50	•	0·3	—	•
Birr Castle	64	49	39	3	—	1·8
Holyhead	63	56	51	-	—	6·6
Liverpool (Bidston)	60	55	52	1	—	3·1
Chester (Sealand)	63	52	44	0·4	3	5·6
Harrogate	63	52	49	Tr	—	6·4
Spurn Head	65	56	•	3	0·1	7·8
Birmingham	62	52	49	0·3	—	4·0
Cranwell	63	51	47	1	—	5·1
Gorleston	65	53	52	3	0·4	4·5
Valentia Obs.†	63	55	50	-	3	7·4
Roches Point	66	51	•	-	Tr.	•
Pembroke	62	56	*	-	—	7·8
Ross-on-Wye	66	50	41	0·3	—	4·1
Leafield	63	49	42	Tr	Tr.	4·8
Cardington	64	49	47	1	—	3·5
Winchester	68	46	39	0·2	Tr.	8·1
S. Farnborough	70	48	38	Tr	0·5	9·0
London (Kew)	67	51	44	0·1	Tr.	6·8
Croydon	67	53	48	Tr	Tr.	7·3
Manston	68	52	48	Tr	0·1	
Shoeburyness	68	51	47	-	Tr.	6·2
Clacton-on-Sea	68	52	49	8	1	7·7
Felixstowe	66	54	50	2	Tr.	5·5
Scilly (St. Mary's)	65	55	*	-	—	11·6
Falmouth	66	55	•	Tr	—	10·1
Plymouth	65	50	46	Tr	Tr.	7·9
Portland Bill	63	58	*	-	—	•
Calshot, S'hampton	67	51	47	Tr	—	6·6
Dungeness			*			•
Lympne	67	46	43	-	9	9·8
Guernsey	66	56	50	Tr	—	8·5

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	becy	cpocu	cp₀bufex	67	51	44	0·1	Tr.	6·8	•	•	6
Croydon	244	bcebc	becypr	cp₀pmwm	67	53	48	Tr.	Tr.	7·3	•	•	6
Greenwich (Royal Observatory)	149	becy	cp	cpbw	69	51	43	Tr	0·3	5·2	57	82	5
City (Bunhill Row)	—	•	•	•	•	•		•	•	4·9	•	•	•
Westminster (St. James' Park)	27	•	•	•	69	52	48	—	—	5·0	72	88	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•		•	•	6·2	•	•	•
Camden Square	110	c	cp	•	67	52	•	0·3		•	•	89	•
Kensington Palace	80	bcor	bcocco	•	68	52	45	—	0·6	•	At 18h. 83	90	•
Hampstead Observatory	450	bcp	bc	•	64	48	42	Tr.	Tr.	4·5	•	92	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 8th

South Kensington. Max.	Time.	Min.	Time.
0·5	7h. 8th.	<0·3	13h. 7th to 3h. 8th.

Kew Observatory. Max.	Time.	Min.	Time.
0·1	6h. 8th.	<0·1	Rest of Period

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 8th. September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1015·2	W	1	pr	61	1015·9	W	1	c	59	70	57	7	—
Brussels	1011·1	W'S	3	c	61	1012·2	W'S	2	c	56	66	52	7	3
Berlin	1007·9	WSW	1	ir_0	61	1007·1	W	1	c/r	55	63	54	2	2
Zürich						1017·1	NW	1	ir_0	57		55		6
Rome	1015·7	SW	2	bc	77	1013·8	SSW	3	pr	75	86	72	—	Tr.

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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METEOROLOGICAL OFFICE, AIR MINISTRY, ADASTRAL HOUSE, KINGSWAY LONDON, W.C.2.
G. C. Simpson, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

9th September 1930.

No. 25128

STATIONS. (For heights see p. 4.)	13h. 8th Sept. Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)	18h. 8th Sept. Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Past 24 hrs Weather 7h.–13h. 8th (37)	13h.–18h. 8th (38)	18h. 8th to 1h. 9th (39)	1h.–7h. 9th (40)
Lerwick	1008.2	+4	SE	4	c	56	75	8	5	7	1	4-6	7-8	1500	1008.9	+4	SE	3	ir_0	54	95	7	3	2	-	4-6	4-6	1500	1	•	$or_0r_0ir_0c$	$cocr_0$	oir_0	oir
Stornoway	1011.2	+4	NE	3	c	55	75	8	4	4	-	9	9	4000	1010.2	-2	N	3	c	54	85	8	8	7	-	4-6	7-8	4000	0	2	odc	bc	bcc	od_0c
Wick	1007.8	+8	NNW	2	c	57	85	8	9	2	-	4-6	10	1600	1007.8	0	NNW	3	c	56	85	8	3	7	-	4-6	7-8	1500	0	2	bcc	cbc	bc	bc
Tiree	1011.2	+2	N	3	c	58	75	8	4	3	-	Tr.	7-8	4000	1009.9	-10	NNE	3	bc	55	85	8	1	3	4	Tr.	2-3	4000	0	3	c	cbcb	bbc	bccW
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.3	•	-	0	c	56	85	8	3	-	-	7-8	7-8	1500	1	•	cpr	cpR	c	bcx
Aberdeen	1007.6	0	NW	4	c	60	75	8	8	-	-	7-8	7-8	4000	1008.6	+6	NW	2	c	57	86	7	8	3	-	1	7-8	4000	1	1	bc	bcc	c	cm_0w
Malin Head	1011.6	-6	NW	2	bc	57	75	8	7	6	-	1	2-3	2500	1010.1	-8	NE	2	bc	56	95	8	7	-	9	2-3	4-6	2600	0	0	cbcb	bbc	bcc Ɯ	cm_0?
Renfrew	1009.7	0	NWW	3	bc	65	55	9	1	-	-	4-6	4-6	4000	1009.2	-4	WNW	2	c	61	75	9	1	-	4	2-3	4-6	4000	1	•	bwbc	bcy	$bbwm_0$	bcffw
Inchkeith (Edin.)	1009.4	+8	SW	3	c	58	85	8	1	2	-	2-3	9+	4000	1008.8	-2	SW	2	c	59	95	7	5	-	-	9	9+	4000	0	0	c	c	cbc	bcb
Leuchars	1008.2	0	WNW	2	c	62	65	9	7	-	-	7-8	7-8	4000	1008.5	+4	ENE	1	c	60	75	9	5	7	-	7-8	9+	4000	1	•	bcwvb,cv	cv	cvbwm	$bmfcm_0w$
Eskdalemuir	1009.9	+2	W	3	bc	57	65	8	8	-	-	4-6	4-6	1500	1009.6	-2	WSW	3	b	54	76	9	7	-	1	1	1	1500	1	•	cbc	bcyb	bw	bwbxcw
Tynemouth	1009.0	+2	W	2	c	60	75	6	6	-	-	9	9	1500	1009.0	0	W	2	bc	58	75	6	5	-	-	4-6	4-6	800	0	2	cbc	cbc	bc	bccff
Blacksod Point	1009.2	-10	E	3	c	60	85	9	8	-	-	7-8	7-8	1500	1006.7	-10	SE	3	iD	59	95	7	6	-	-	10	10	220	1	3	pbc	id	irc	prc
Aldergrove	1011.6	-6	-	0	c	58	75	8	8	-	-	9	9	1500	1010.2	-6	E	1	c	57	85	8	5	-	-	9+	9+	2500	1	•	c	cm_0	ccr_0c	ccr_0cr
Donaghadee	1011.5	0	ESE	1	c	58	75	8	5	-	-	9	9	2500	1010.3	-10	ESE	1	c	56	85	8	5	-	-	9	9	2500	0	0	c	c	c	od_0d_0
Birr Castle	1011.4	-12	S	1	c	59	85	7	6	2	-	2-3	10	2600	1009.2	-12	S	1	o	59	95	7	6	-	-	10	10	2500	1	•	cr_0c	cprroa	odoc	cpr
Holyhead	1012.4	-2	SW	2	c	62	75	8	5	-	-	9+	9+	4000	1010.8	-8	SSW	3	c	58	95	8	5	-	-	9+	9+	4000	1	0	cbcc	c	pr_0c	r_0r_0
Liverpool (Bidston)	1012.1	0	WN	3	bc	59	75	9	8	8	8	1	4-6	4000	1011.1	-4	-	0	c	58	75	9	4	-	-	7-8	7-8	2500	0	•	cbcv	bcvcv	com_0	omr_0m
Chester (Sealand)	1012.6	-2	NWN	3	c	62	75	8	1	3	-	4-6	7-8	2600	1011.9	-4	NEN	1	c	59	85	8	5	3	-	4-6	7-8	2500	0	•	bc	bcc	od_0ir	irddrrf
Harrogate	1010.6	+6	WSW	4	bc	63	65	9	9	-	-	4-6	4-6	4000	1011.1	0	SW	1	b	57	75	8	-	4	9	0	1	-	1	•	bbcc	bcb	b	offdodo
Spurn Head	1010.5	0	WNW	4	c	60	95	7	5	3	-	9	10	4000	1010.8	0	NW	2	bc	61	95	7	4	-	-	4-6	4-6	4000	0	2	bc	cbc	bc	cor_0
Birmingham	1012.6	0	WNW	2	c	62	65	8	6	3	-	4-6	9	2500	1011.6	-4	SWW	2	bc	63	75	8	8	3	4	4-6	4-6	4000	1	•	bcc	cbc	bcc	$corr_0$
Cranwell	1011.2	+2	SWW	4	bc	64	65	6	7	-	-	4-6	4-6	4000	1011.1	-2	SWW	2	c	61	86	6	7	5	-	4-6	7-8	4000	1	•	cm_0bc	bcz_0c	cm_0	cir_0m
Gorleston	1011.6	+2	W	2	c	63	85	6	8	-	-	9+	9+	4000	1011.5	0	WNW	1	bc	64	75	6	3	6	-	4-6	4-6	2600	0	0	bcc	cbc	bcbbcw	c
Valentia Obs.	1009.3	-6	SE	4	r_0r_0	61	95	6	5	-	-	10	10	800	1008.6	-4	SWW	2	c/d	60	95	8	5	-	-	9+	9+	800	1	2	cr_0r_0	or_0id_0c	cbcbwbc	$bcep_0c$
Roches Point	1011.1	-6	SW	3	id_0	60	95	7	6	-	-	10	10	1600	1009.4	-10	SW	3	c	59	95	8	3	-	-	9	9	1600	1	2	$coid_0$	oid_0circ	codd	odorrc
Pembroke	1012.9	-4	SW	2	c	61	95	7	8	7	-	4-6	9+	2500	1010.7	-6	S	2	c	60	95	8	3	7	-	Tr.	10	2500	0	1	bcp_0	c	coRR	ocr_0
Ross-on-Wye	1012.3	0	WN	2	c	66	65	8	4	-	-	9+	9+	4000	1011.3	-8	SW	2	c	63	76	7	5	7	1	2-3	9	5700	0	•	bcc	c	ccor	rroc
Leafield	1012.4	-6	W	2	c	65	65	9	8	-	1	7-8	7-8	5700	1011.8	-6	WSW	1	c	61	76	8	1	3	2	Tr.	9+	5700	0	•	cbcc	c	cbyc	bcerr
Cardington	1012.1	-4	WNW	3	c	66	55	8	8	-	-	9	9	2500	1011.7	0	-	0	c	65	65	8	8	-	1	7-8	7-8	4000	0	•	$bcwm_0y$	cyc	c	oRr_0r_0m
Winchester	1013.2	-4	WSW	2	c	66	55	8	7	-	9	9	9+	4000	1012.4	-2	SSW	2	c	60	85	8	5	-	6	2-3	9+	4000	0	•	ofm_0cy	cyc	cffm	c
S. Farnborough	1013.1	-6	SW	3	c	68	65	8	5	-	-	9+	9+	2500	1012.3	-2	SSW	2	c	63	75	8	5	1	8	4-6	7-8	2500	0	•	bwbcc	cp_0bc	bc	$bcem_0ir_0o$
London (Kew)	1013.3	-6	SW	2	c	65	65	8	8	7	-	2-3	7-8	2500	1012.5	-6	SW	2	c	66	75	8	5	3	4	2-3	7-8	4000	1	•	cm_0bc	cbc	bcw	cm_0w
Croydon	1013.4	-6	NWW	2	c	65	65	7	8	-	-	7-8	7-8	2500	1012.6	-2	SSW	2	c	63	75	7	4	-	5	4-6	7-8	4000	0	•	$cbcz_0$	bccbc	bem_0w	cm_0rrr_0
Manston	1012.7	-2	SW	3	c	69	65	8	7	-	-	7-8	7-8	2500	1012.4	-2	SW	2	c	63	85	8	5	-	-	9+	9+	5700	0	•	bcm_0c	c	c	ccm_0p_0
Shoeburyness	1013.2	+6	W	3	c	64	75	7	5	6	9	4-6	7-8	2500	1012.6	-2	-	0	c	64	85	7	5	6	-	4-6	9+	4000	0	•	bc	bcc	c	cpr_0m_0
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.3	0	-	0	c	65	75	6	5	-	-	7-8	7-8	800	0	0	bc	bccz	c	c
Felixstowe	1012.9	+4	WN	2	bc	65	55	8	7	-	-	4-6	4-6	4000	1012.0	-10	W	1	c	65	65	7	5	2	-	7-8	9	7200	0	0	bcy	bcyc	cbc	cwm_0
Scilly (St. Mary's)	1013.0	-6	S	3	c	62	95	7	8	-	-	9	9	4000	1010.7	-12	SSE	3	r_0r_0	59	95	7	6	-	-	9	9	2600	1	2	c	crr	crrc	cofr
Falmouth	1014.1	-10	SE	3	bc	63	85	8	7	6	-	4-6	4-6	4000	1012.3	-14	SES	2	ir_0	60	85	8	5	-	-	10	10	4000	0	1	bc	bccir	$oirr_0$	$or_0d_0m_0$
Plymouth	1013.8	-8	S	2	c	63	75	8	7	3	6	7-8	9	4000	1012.1	-10	SE	1	c	60	85	8	6	-	8	7-8	9+	4500	0	0	$ofebcm_0$	c	cor_0r	or_0r
Portland Bill	1014.0	+2	WN	3	bc	62	75	8	4	4	1	2-3	4-6	2500	1012.4	-6	WN	3	c	60	85	8	4	7	-	2-3	7-8	2500	0	3	bc	bcc	bcco	orrdd
Calshot, S'hampton	1013.7	-2	SSW	4	c	68	65	8	7	4	1	4-6	7-8	2500	1013.4	-2	SWS	3	c	61	85	8	-	1	8	0	9	-	0	1	bcc	cbcc	bcwcw	$cwcr_0r_0ddm_0$
Dungeness																																		
Lympne	1013.4	-2	WSW	3	c	63	75	8	8	-	-	9	9	2500	1013.0	-2	SWW	3	c	60	85	8	4	-	6	2-3	7-8	5700	0	•	bcc	cbc	$bccm_0w$Ɯ	$cm_0wr_0r_0$
Guernsey	1014.9	-4	-	0	c	64	75	8	5	6	-	4-6	9	2500	1013.2	-10	-	0	r_0r_0	62	95	8	6	-	-	10	10	1500	0	1	bcwc	cor_0r	$rrod_0$	$oprd_0$

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, gloom.
f, fog, visibility 220–1100 yds,
F, thick fog, „ less than 220 yds.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_0, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Ɯ, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

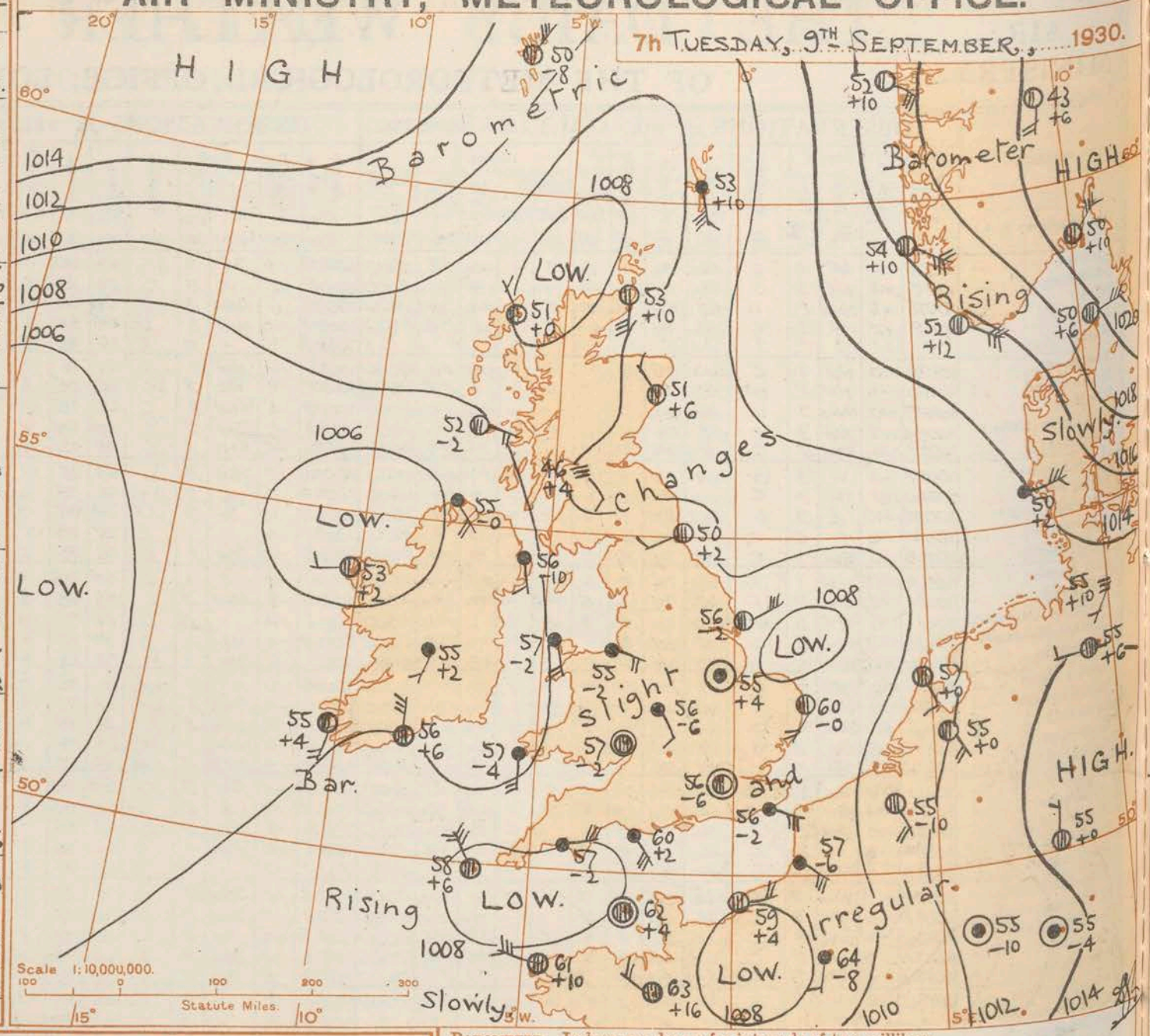
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 8th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 7th to 9h. 8th.	Temperature. Max. 9h.—17h. 8th.	Rainfall. Night. 17h. 7th to 9h. 8th.	Rainfall. Day. 9h.—17h. 8th.	Sunshine. Sunrise to 17h. 8th.	Sunshine. Sunrise to Sunset. 7th.
Dunbar ...	cm₀	bcc	52	63	-	-	4.9	0.0
Berwick-on-T. ...	c	bc	52	67	-	-	3.8	0.0
Douglas	bcc	b	50	60	-	-	6.4	5.7
Llandudno ...	bcc	c	56	63	-	-	3.0	4.9
Colwyn Bay ...	obc	bco	56	62	Trace	-	3.3	?
Rhyl	bbc	bbc	56	62	-	-	7.3	4.6
Wallasey ...	bcb	bbcc	56	62	-	-	7.6	2.9
Southport . ‖	bcc	bcc	56	62	-	-	8.8	4.2
Blackpool ...	cbc	bcc	56	64	-	-	8.6	4.5
Morecambe ...	b	b	56	62	-	-	8.3	4.0
Ilkley	b	b	55	63	Trace	-	7.2	6.5
Cleethorpes ...	o	c	53	65	-	-	2.9	7.9
Mablethorpe ...	com₀	ocom₀	52	64	0.3	-	1.4	7.4
Skegness... ...	o	o	52	63	-	-	0.4	7.3
Aberystwyth ...	bc	bcc	58	63	-	-	6.2	4.2
Bath	bbc	cbcb	52	70	Trace	-	7.5	7.9
Cheltenham .†	cwbc	bcc	48	67	-	-	5.0	3.5
Leamington Spa	bcc	c	51	66	-	-	4.1	4.0
Lowestoft ...	c	cbcc	52	65	-	-	4.2	6.8
Dovercourt ...	bc	oc	52	68	-	-	7.6	6.6
Maldon	b	bcco	52	68	-	-	6.0	5.4
Southend ...	bc	co	51	71	Trace	-	3.8	4.4
Ilfracombe ...	cbcb	bcco	58	65	-	-	5.0	7.4
Bude	cbcc	cbc	58	64	-	-	4.0	5.4
St. Ives	b	c	53	65	-	-	5.8	11.2
Penzance ...	c	c	54	66	-	-	5.2	10.6
Torquay	bwb	bcc	51	68	-	-	8.4	11.1
Jersey	bcbcc	cr	56	66	0.2	0.5	1.2	5.7
Weymouth ...	b	bbc	53	69	-	-	9.1	10.2
Bournemouth ...	bc	bcc	51	69	0.3	-	7.5	9.2
Ventnor	cbcb	bcc	55	65	-	-	9.0	9.6
Southsea ...	cb	bbc	53	70	-	-	7.5	7.6
Bognor Regis ...	bc	bc	51	68	-	-	9.2	9.5
Littlehampton ...	bc	bc	50	66	-	-	9.5	10.5
Worthing ...	b	b	51	67	-	-	9.9	9.6
Brighton... ...	bc	bc	54	67	-	-	9.5	9.9
Eastbourne .†	b	bbc	54	67	-	-	10.5	10.6
Hastings †	b	bbcb	51	69	0.2	-	9.0	8.5
Folkestone ...	b	bcc	51	70	4	-	7.1	10.3
Dover	bc	bcc	54	65	Trace	-	6.8	8.1
Deal	bc	bc	53	68	1	-	6.3	9.1
Tunbridge Wells	bcb	bcc	49	68	2	-	6.5	9.7
Ramsgate ...	bbc	bc	53	68	-	-	7.5	6.9
Margate	bc	bcc	56	67	1	-	7.6	6.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 4/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable breeze; cloudy, rain at times; local mist or fog; moderate temperature.
5. S.W. England	Wind westerly or variable, mainly light or moderate; cloudy or variable sky; some showers; moderate temperature.
6. South Wales 7. North Wales	Light variable breeze; dull, some rain, probably improving later but some showers; moderate 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. 14. Mid-Scotland	As 1 - 4.
15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate southeast wind; cloudy, rain at times; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwest to south, light or moderate; mainly cloudy, occasional rain or showers; moderate temperature.

GENERAL INFERENCE.

A complex shallow low pressure area covers the British Isles. Wind will be mainly light and variable and weather cloudy with rain at times in most districts.

FURTHER OUTLOOK.

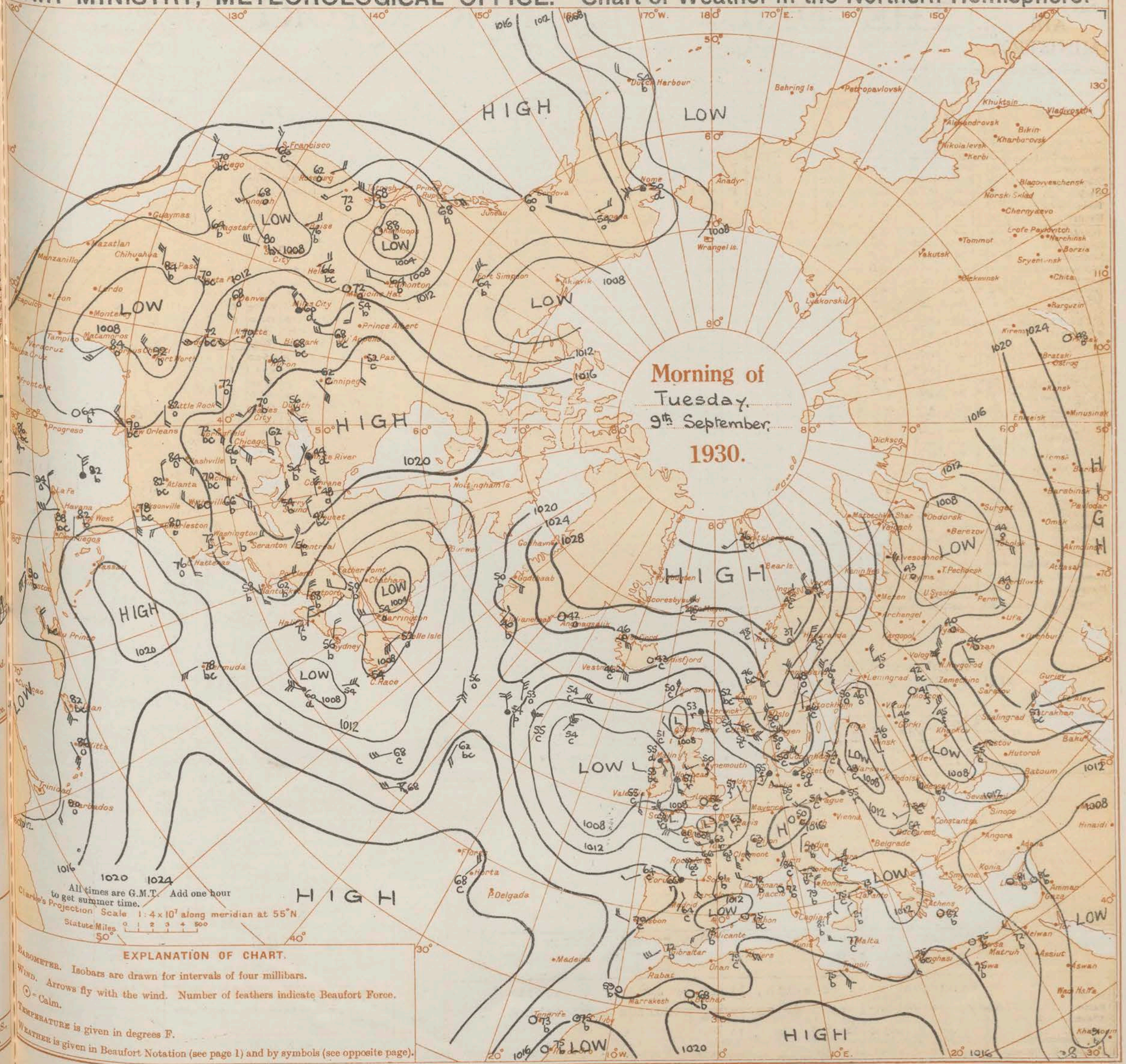
Unsettled.

Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

9th September 1930.

No. 25128

OBSERVATIONS at 1 hr. G.M.T. 9th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1009·7	+8	SE	4	u	55	85	7	3	7	–	4·6	10	1500
Stornoway	34	1009·7	-8	N'N	1	c	50	95	8	4	5	–	2·3	7-8	4000
Wick	81	1008·4	0	SW	2	bc	47	95	8	5	8	–	2·3	4·6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1006·6	-14	NE'E	3	c	55	95	7	4	7	3	1	7-8	5700
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1009·6	+4	WSW	2	bc	52	95	8	–	5	1	0	4·6	–
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1009·3	-2	W	2	bc	49	85	6	1	–	2	2·3	4·6	2500
Blacksod Point	10	1006·0	+2	W	1	c	57	95	7	8	–	–	9+	9+	450
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1009·0	-8	SSE	2	c	57	95	7	5	–	–	10	10	1500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1010·2	0	–	0	c	57	95	7	5	7	–	7-8	10	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1010·5	-6	–	0	c	54	95	5	5	–	–	10	10	4000
Gorleston	14	1011·0	-8	SW	2	c	56	95	7	–	–	9	0	7-8	–
Valentia Obs.+	30	1009·3	0	–	0	c	57	95	8	4	–	–	7-8	7-8	5700
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1008·4	-10	S	2	c	59	95	7	3	1	–	9	10	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1011·4	-6	S	1	z	53	95	6	–	7	–	0	9	–
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1009·3	-6	SE	3	c	59	95	8	5	–	–	9+	9+	4000
Falmouth	200	1009·4	-14	E'S	1	r₀r₀	59	85	7	6	–	–	10	10	2500
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1009·6	-12	SE	3	c/r	60	85	8	5	–	–	10	10	1500
Calshot, S'hampton	8	1010·7	-14	ENE	2	c	59	95	7	5	–	–	9	9	2500
Dungeness	20														
Lympne	347	1011·8	-10	SW'S	1	z	52	95	6	–	7	8	0	9	–
Guernsey	173	1009·7	-14	–	0	c/d	61	95	7	5	–	–	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 9th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1010·6	+10	SSE	4	ir₀	53	95	7	6	–	–	10	10	1500	1	•
Stornoway	1008·0	0	NW	1	c	51	95	8	4	5 2	–	7-8	9+	4000	1	0
Wick	1009·4	+10	S	3	bc	53	95	8	3	–	2	2·3	4·6	2500	0	3
Tiree	1007·9	-2	ESE	2	c	52	95	9	5	7	8	9	10	5700	0	1
Nairn	1009·2	•	–	0	c	46	95	8	8	–	–	7-8	7-8	2500	0	•
Aberdeen	1010·3	+6	NW	1	c	51	95	5	5	3	–	4·6	9+	1500	1	0
Malin Head	1006·2	0	SE	2	id₀	55	95	6	6	2	–	4·6	10	800	0	0
Renfrew	1010·1	+2	SE	1	of	46	95	3	5	–	–	10	10	4000	1	•
Inchkeith (Edin.)	1009·8	+4	WSW	1	bc	51	95	6	5	8	1	2·3	4·6	800	0	0
Leuchars	1009·9	+8	—	0	c	49	95	6	5	–	–	9+	9+	1500	1	•
Eskdalemuir	1010·1	+2	N	1	c	43	96	8	5	8	–	2·3	9	1500	1	•
Tynemouth	1009·8	+2	WSW	1	cf	50	85	3	4	–	–	7-8	7-8	4000	0	1
Blacksod Point	1005·8	+2	W	1	bc	53	95	8	8	–	–	2·3	2·3	1500	0	2
Aldergrove	1006·7	+2	E'S	3	ir	56	95	6	6	–	–	10	10	800	1	•
Donaghadee	1007·1	-10	SSE	1	d₀d₀	56	95	5	5	–	–	10	10	800	1	0
Birr Castle	1007·1	+2	SSW	1	c/pr	55	95	8	8	–	–	7-8	7-8	2500	1	•
Holyhead	1008·1	-2	S'E	2	r₀r₀	57	95	5	6	–	–	10	10	450	1	0
Liverpool (Bidston)	1008·4	-2	ESE	2	r₀r₀	55	95	4	5	–	–	10	10	800	1	•
Chester (Sealand)	1009·4	-4	SSE	1	rf	55	95	3	6	–	–	10	10	450	1	•
Harrogate	1009·9	0	SSW	1	df	51	95	2	5	–	–	10	10	<150	1	•
Spurn Head	1009·5	-2	E'N	3	c/r	56	95	6	6	2	–	7-8	10	4000	1	3
Birmingham	1009·2	-6	SE	1	rf	56	95	3	6	2	–	7-8	10	2500	1	•
Cranwell	1009·7	+4	–	0	ir₀	55	95	5	5	2	–	4·6	10	4000	1	•
Gorleston	1009·7	0	SW'W	2	c	60	95	6	4	–	–	9+	9+	4000	0	2
Valentia Obs.+	1007·8	+4	S'W	2	c	55	95	8	8	–	–	7-8	7-8	800	1	2
Roches Point	1007·4	+6	N	3	c	56	95	8	3	–	–	7-8	7-8	1500	1	0
Pembroke	1007·1	-4	S	3	ir₀	57	95	7	3	7	–	4·6	9+	2500	1	2
Ross-on-Wye	1009·1	-6	— S	0	z	56	95	5	6	2	–	7-8	9+	1500	1	•
Leafield	1008·9	-6	E'N	2	fg	53	95	8	6	–	–	9+	9+	4000	1	•
Cardington	1009·4	-4	NE'N	1	r₀r₀	55	95	4	6	–	–	10	10	450	1	•
Winchester	1008·8	-4	NE	1	c	55	95	7	5	2	–	7-8	10	2500	0	•
S. Farnborough	1009·4	-8	—	0	z	54	95	6	5	–	–	10	10	800	0	•
London (Kew)	1009·7	-6	—	0	c	56	95	5	5	3	9	4·6	7-8	2500	1	•
Croydon	1009·7	-4	E S	2	c/r	55	95	5	5	7	–	4·6	9	4000	1	•
Manston	1009·6	-2	E'N	1	c/pr	57	95	6	3	7	–	4·6	9+	4000	0	•
Shoeburyness	1010·1	0	ENE	2	c/pr	56	95	6	5	7	–	4·6	9	1600	1	•
Clacton-on-Sea	1010·4	-10	WNW	1	c	57	95	7	5	–	–	7-8	7-8	450	0	0
Felixstowe	1010·1	-6	—	0	z	58	95	5	5	3	–	7-8	9	7200	1	0
Scilly (St. Mary's)	1007·5	+6	NW	5	c	58	95	7	8	–	–	7-8	7-8	4000	1	3
Falmouth	1008·3	-10	E'N	3	r₀r₀	59	95	6	6	–	–	10	10	2500	1	1
Plymouth	1007·9	-2	E	3	ir₀	57	95	8	6	–	–	10	10	1500	1	1
Portland Bill	1009·0	+2	SE	3	dd	60	95	7	6	–	–	10	10	1500	1	2
Calshot, S'hampton	1008·8	-12	NE'E	2	dd	58	95	6	6	2	–	4·6	10	1500	1	1
Dungeness	1009·9	-2	E'S	3	rr	56	95	6	5	2	–	4·6	10	4000	1	•
Lympne	1008·2	+4	—	0	o/d	62	95	5	5	–	–	10	10	1500	1	1

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 9th. Hrs. (36)
Lerwick	56	53	•	4	9 10	0·6
Stornoway	58	46	•	Tr.	0·1	3·3
Wick	58	47	•	–	–	•
Tiree	58	47	34	–	–	7·3
Nairn	57	43	•	5	–	0·3
Aberdeen	63	47	39	–	–	4·1
Malin Head	58	53	•	–	0·1	7·5
Renfrew	65	38	29	–	–	10·4
Inchkeith (Edin.)	63	49	45	Tr.	–	3·8
Leuchars	66	42	37	–	Tr.	5·1
Eskdalemuir	60	34	29	–	–	3·8
Tynemouth	62	48	44	–	–	•
Blacksod Point	60	51	•	1	0·3 1	2·7
Aldergrove	61	53	52	0·1	1	•
Donaghadee	60	55	•	–	–	•
Birr Castle	61	56	54	0·3	6	0·0
Holyhead	63	56	56	–	4	3·8
Liverpool (Bidston)	60	54	53	–	2	7·0
Chester (Sealand)	64	55	54	–	3	7·5
Harrogate	64	49	44	–	0·1	8·4
Spurn Head	64	55	•	–	1	3·6
Birmingham	64	55	53	–	8	4·5
Cranwell	65	53	48	–	0·1	4·0
Gorleston	66	54	47	–	–	3·8
Valentia Obs.+	63	50	44	5	0·4	0·0
Roches Point	60	55	•	1	7	•
Pembroke	63	56	•	Tr.	9	4·0
Ross-on-Wye	68	55	54	–	9	6·3
Leafield	67	51	41	–	2	6·1
Cardington	69	51	47	–	3	7·1
Winchester	68	49	43	Tr.	–	4·2
S. Farnborough	68	52	44	Tr.	Tr.	5·7
London (Kew)	68	53	47	Tr.	–	4·6
Croydon	68	53	48	–	1	4·7
Manston	69	51	45	–	Tr.	6·7
Shoeburyness	67	50	42	–	0·1	4·8
Clacton-on-Sea	69	52	50	–	–	8·0
Felixstowe	68	55	48	–	–	7·5
Scilly (St. Mary's)	64	57	•	2	5	3·8
Falmouth	66	58	•	?	2	7·2
Plymouth	65	57	56	–	2	5·0
Portland Bill	64	59	•	–	1	•
Calshot, S'hampton	68	56	52	–	1	7·2
Dungeness			•			•
Lympne	65	52	45	–	0·2	7·0
Guernsey	67	60	59	Tr.	1	4·0

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cm₀bc	cbc	bcncmgr	68	53	47	Tr.	—	4·6	•	•	5
Croydon	244	cbcz₀	bccbc	bcmgrcmgr	68	53	48	–	1	4·7	•	•	5
Greenwich (Royal Observatory)	149	bcc	cy	cOhbcm	71	51	41	–	Tr.	6·6	59	91	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	7·2	•	•	•
Westminster (St. James' Park)	27	•	•	•						5·5			•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	4·6	•	•	•
Camden Square	110	bc	c	•	69	55	•	—	•	•	•	88	•
Kensington Palace	80	bcc	co	•	69	54	47	—	Tr.	•	At 18h. 85	86	•
Hampstead Observatory	450	bcm	bc	•	67	52	46	—	Tr.	5·2	•	90	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 9th.

South Kensington. Max.	Time.	Min.	Time.
0·8	7h. 9th.	<0·3	13h.-23h. 8th.

Kew Observatory. Max.	Time.	Min.	Time.
0·1	6h. 9th.	<0·1	16h. 8th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 8th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris						1008·6	S	1	rr	64		59		13
Brussels	1013·6	WSW	1	c	61	1010·6	SE	2	c	55	66	52	0·1	—
Berlin						1012·0	W	1	cf	55		55		1
Zürich	1017·2	S	1	bc	61	1015·5	SW	1	z	57	70	55	Tr.	0·1
Rome	1013·4	SSW	3	bc	73	1014·3	NNE	2	b	75	86	64	—	—

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

+ 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

10th September 1930.

No. 25,129.

OBSERVATIONS at 13h. G.M.T. 9th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1013.2	+18	SSE	4	id₀	55	85	7	6	-	-	10	10	1500
Stornoway	1008.9	+2	SE	1	bc	59	75	9	1	7	4	2-3	4-6	4000
Wick	1010.6	+8	SE	3	c	56	95	8	5	-	8	4-6	7-8	2500
Tiree	1008.1	+2	SE	4	id₀	56	95 [84]	7	5	-	-	10	10	1500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.0	+4	E	3	bc	58	85	8	5	3	2	2-3	4-6	1500
Malin Head	1007.0	+4	E	3	id₀	57	95	6	9	8	-	7-8	7-8	800
Renfrew	1009.9	+2	ENE	1	z	59	75	5	5	1	-	9+	9+	5700
Inchkeith (Edin.)	1010.0	-2	ENE	3	c	60	95	8	1	1	1	2-3	9+	4000
Leuchars	1010.1	+2	ENE	2	c	60	75	8	7	-	9	7-8	9	1500
Eskdalemuir	1009.0	0	E'S	2	c	59	65	8	5	-	-	9	9	2500
Tynemouth	1011.0	+4	SSE	2	o	55	85	7	6	-	-	10	10	1600
Blacksod Point	1007.2	+4	S	2	pr	58	86	8	8	-	-	4-6	4-6	1600
Aldergrove	1006.9	0	-	0	c/r	61	85	6	6	-	-	9+	9+	800
Donaghadee	1007.4	0	SSE	1	d₀d₀	56	95	5	5	-	-	10	10	800
Birr Castle	1007.7	0	WSW	1	c	65	65	9 [8]	8	-	-	7-8	7-8	4000
Holyhead	1008.6	+2	SSW	3	id₀	58	95	6	6	-	-	10	10	800
Liverpool (Bidston)	1008.7	0	E	3	o/r	60	86	5	5	-	-	10	10	1500
Chester (Sealand)	1009.2	-2	ESE	2	c	63	85	7	6	-	-	9+	9+	2500
Harrogate	1011.2	0	-	0	rr	54	95	4	6	-	-	10	10	<150
Spurn Head	1010.0	0	ESE	2	pr	62	95	6	3	3	-	4-6	9+	5700
Birmingham	1009.4	0	S	2	ir	58	95	5	6	-	-	10	10	2500
Cranwell	1009.6	-2	E	2	o	63	85	6	5	-	-	10	10	2500
Gorleston	1010.1	0	SEE	2	c	66	85	7	1	6	-	2-3	7-8	4000
Valentia Obs.	1008.3	+4	SWW	3	bc/pr	63	75	8	2	-	-	2-3	2-3	1500
Roches Point	1008.4	+4	SW	3	c	61	85	8	3	-	-	7-8	7-8	2500
Pembroke	1007.4	0	SE'S	2	c	62	95	7	3	7	-	4-6	9+	1500
Ross-on-Wye	1009.1	+4	W	2	o/d	57	95	6	5	-	-	10	10	800
Leafield	1009.1	0	SE'S	2	OD	57	95	5	6	-	-	10	10	450
Cardington	1009.0	0	S	2	ir₀	62	85	6	6	2	-	7-8	10	1500
Winchester	1008.8	0	SSE	2	d₀d₀	60	95	7	6	-	-	10	10	450
S. Farnborough	1009.0	-2	SE	1	o/r	61	96	6	6	-	-	10	10	800
London (Kew)	1009.2	0	SE	1	d₀d₀	63	85	6	5	2	-	9	10	2500
Croydon	1009.6	+2	ESE	2	id₀	63	85	7	6	2	-	7-8	10	1500
Manston	1009.9	+4	SE	2	c	64	85	7	5	2	-	4-6	10	2500
Shoeburyness	1009.9	0	-	0	ir₀	64	86	7	6	-	-	10	10	1500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1010.2	+2	E'N	1	c	67	75	7	8	1	-	7-8	9+	5700
Scilly (St. Mary's)	1010.8	+12	NW	4	bc	64	95	7	2	-	4	2-3	4-6	4000
Falmouth	1009.6	+6	NWW	5	c	59	96	7	5	-	-	9	9	4000
Plymouth	1008.2	+2	-	0	ir	62	95	6	6	2	-	7-8	9+	1500
Portland Bill	1008.2	+2	SW	2	c	63	95	6	4	-	-	10	10	1500
Calshot, S'hampton	1008.9	+2	SEE	3	ir	63	95	6	6	-	-	10	10	800
Dungeness														
Lympne	1009.7	+2	SE	2	z	61	95	6	5	2	-	4-6	10	1500
Guernsey	1009.3	+8	SW	1	id₀	64	85	6	6	-	-	10	10	2600

OBSERVATIONS at 18h. G.M.T. 9th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1014.6	+8	SSE	4	c	54	85	7	5	2	-	4-6	10	1500	1	•
Stornoway	1008.8	+2	NE	1	bc	55	85	8	4	4	1	2-3	4-6	4000	0	0
Wick	1011.0	+2	SE	3	bc	55	95	8	5	-	2	2-3	4-6	2500	0	3
Tiree	1008.3	+2	SE	3	ir	54	95	6	6	-	-	10	10	800	1	3
Nairn	1008.7	•	-	0	bc	60	75	8	2	-	9	2-3	4-6	4000	0	•
Aberdeen	1011.3	+4	ESE	2	c	57	95	6	6	-	1	9	9+	1500	1	1
Malin Head	1007.1	+2	ENE	2	bc	58	95	7	2	6	1	4-6	4-6	1600	0	0
Renfrew	1009.5	-2	E'N	3	z	59	85	5	3	1	-	9+	10	5700	1	•
Inchkeith (Edin.)	~~1008.8~~ [1009.9]	~~-2~~ [-4]	~~SW~~ [ENE]	~~2~~ [3]	c	59 [57]	95	7	5	-	-	9+	9+	~~4000~~ [2500]	0	• [1]
Leuchars	1010.4	+2	ESE	2	c	56	86	8	7	9	1	tr.	7-8	1500	1	•
Eskdalemuir	1009.2	+4	SSE	2	c	57	75	7	5	7	-	4-6	10	1500	1	•
Tynemouth	1009.4	-2	SE	2	r₀r₀	55	95	6	6	-	-	10	10	1500	1	2
Blacksod Point	1006.5	+2	S	2	bc	60	85	9	8	6	-	2-3	4-6	2600	0	2
Aldergrove	1007.0	+4	E'N	1	rr	58	95	6	9	-	-	9	9	450	1	•
Donaghadee	1007.3	0	SSE	1	ir₀	57	95	6	5	-	-	10	10	800	1	0
Birr Castle	1007.6	-2	SW	1	bc	63	75	8	2	-	-	2-3	2-3	4000	1	•
Holyhead	1008.5	+2	SSW	2	o	58	95	6	5	-	-	10	10	800	1	0
Liverpool (Bidston)	1008.4	-2	E'S	2	u	60	85	5	5	-	-	10	10	1500	1	•
Chester (Sealand)	1009.1	+2	SE	1	o	59	95	6	5	-	-	10	10	2600	0	•
Harrogate	1009.9	0	-	0	F+	56	95	1	5	-	-	10	10	<150	1	•
Spurn Head	1009.6	0	E'S	3	c	59	96	6	5	7	9	4-6	10	4000	0	3
Birmingham	1009.3	-2	S	1	c	58	95	8	6	-	-	9+	9+	1500	1	•
Cranwell	1009.3	+2	-	0	r₀r₀	58	95	5	6	-	-	10	10	800	1	•
Gorleston	1010.0	0	SE	3	c	63	95	7	-	6	-	0	7-8	-	0	2
Valentia Obs.	1007.6	-2	SE	3	bc	60	95	8	8	4	-	4-6	4-6	1500	0	1
Roches Point	1008.0	0	SW	2	bc	63	75	9	8	-	-	2-3	2-3	2500	0	0
Pembroke	1008.2 [8]	+2	S	3	c	59	95	8	8	7	-	4-6	9+	2500	1	1
Ross-on-Wye	1008.9	0	E'N	1	c	59	95	6	5	1	-	9	9+	4000	1	•
Leafield	1008.8	-6	NW	1	m	57	96	4	5	-	-	9+	9+	4000	1	•
Cardington	1009.0	0	SE	1	c/d	59	95	6	6	-	-	10	10	450	1	•
Winchester	1008.2	0	-	0	c/d	62	95	7	5	2	-	7-8	9	800	1	•
S. Farnborough	1008.8	+2	SE	1	iR	61	95	6	6	-	-	10	10	800	1	•
London (Kew)	1008.9	0	-	0	m	63	95	4	5	2	-	7-8	9+	2600	1	•
Croydon	1009.2	-2	SE'S	2	d₀d₀	63	85	6	5	3	-	7-8	9+	1500	1	•
Manston	1009.4	-2	E	1	id₀	60	95	6	6	-	-	10	10	800	1	•
Shoeburyness	1009.8	0	SE	1	ir₀	61	95	7	5	2	-	4-6	10	1500	0	•
Clacton-on-Sea	1009.6	0	ESE	3	c	63	86	7	5	-	-	9	9	1500	0	2
Felixstowe	1010.1	-2	ESE	3	c	62	85	7	5	2	-	4-6	10	2500	1	0
Scilly (St. Mary's)	1010.8	0	W	2	bc	60	95	8	1	-	-	2-3	2-3	4000	0	1
Falmouth	1011.2	+6	WN	3	bc	61	75	8	2	-	-	4-6	4-6	4000	0	1
Plymouth	1009.8	+16	NNW	1	c/r	59	96	7	6	-	-	9	9	1600	1	1
Portland Bill	1008.2	+2	SW	1	c/d	61	95	6	4	-	-	9+	9+	1500	1	1
Calshot, S'hampton	1008.8	-2	SW'S	3	c	63	85	7	8	3	1	4-6	9	1500	1	1
Dungeness																
Lympne	1009.6	+2	SE'E	2	c/d	60	95	5	5	2	-	9	10	800	1	•
Guernsey	1010.0	+4	W	4	o	60	85	6	5	-	-	10	10	2600	1	3

PAST 24 HOURS. Weather.

Stations	7h.–13h. 9th (37)	13h.–18h. 9th (38)	18h. 9th to 1h. 10th (39)	1h.–7h. 10th (40)
Lerwick	oid₀r	oud₀r	oir₀	oir₀c
Stornoway	bc	bc	c	c
Wick	bcc	cbc	bcc	c
Tiree	ccd₀	drRr	orRR	iriR
Nairn	bc	bc	bcw	cw
Aberdeen	cm₀ bc	bcc	c	corrm
Malin Head	cid₀m₀	cm₀d₀bc	bcbif	ociF
Renfrew	cfswcmm	cz₀	cid₀cir₀c	or RRrom
Inchkeith (Edin.)	bcc	c	co	or₀r₀
Leuchars	cwm₀cwc	cbc	bcew	cr₀r₀rr
Eskdalemuir	cwc	cyc	cor r₀	or₀r₀
Tynemouth	cffo	or₀r₀	or₀r₀	oir
Blacksod Point	pr	bc	bc	bc
Aldergrove	orc	[illegible]	rcm₀	ffee
Donaghadee	od₀d₀	oir₀	irffo	om₀
Birr Castle	cp₀cbcc	cbc	bcc	cbew
Holyhead	r₀r₀ir₀	id₀ ir	id₀rr₀	cm₀
Liverpool (Bidston)	orrimm	cp₀in	o	oceW
Chester (Sealand)	rfr₀cc	cz₀u	cm₀m	cmwff
Harrogate	ofmdrdr	r₀mF	ofir	ofir
Spurn Head	cpdc	cprc	cprcr	crc
Birmingham	cr₀	orr₀c	c	cbc
Cranwell	r₀rm₀	cm₀r₀rR	r₀r₀Rm	oFe
Gorleston	cpr₀	cbcc	cor₀c	co
Valentia Obs.	cbcp₀bc	bc	bcpcp₀c	cPcrrirc
Roches Point	c	cbcv	bcvbw	bwofec
Pembroke	cir	c	cbc	beer
Ross-on-Wye	cipodd	od₀c	cm	ofcf
Leafield	cd₀od	od cm	cmbef	bcFFo
Cardington	bcc r₀m₀	[illegible]	cm₀	ffeoffe
Winchester	codd[illegible]	od[illegible]	[illegible]	cr₀c
S. Farnborough	om₀ir₀	[illegible]	[illegible]	cprm₀
London (Kew)	z₀cd₀	cd₀m	cmcd Rcm	cm₀
Croydon	cpcd₀	[illegible]	orrr₀cm₀	od₀r₀fm
Manston	[illegible]	[illegible]	od₀m₀c	cw
Shoeburyness	cocr₀	oir₀	cr₀	cr₀d₀m₀
Clacton-on-Sea	c	c	cz	czp
Felixstowe	cz₀c	cr₀	cRm₀	or₀m₀c
Scilly (St. Mary's)	c	cbc	bccr₀	crrpc
Falmouth	omirRq	cqbc	bc	bccir
Plymouth	ocrm₀	crrm₀	cb	bwbcm₀
Portland Bill	ddoz₀	oed z₀	oddc	cbc
Calshot, S'hampton	cr₀r₀ddc	cd₀orrm₀	[illegible]	cm₀dd d₀c
Dungeness				
Lympne	crcm₀	corrd₀	[illegible]	cm₀
Guernsey	coid₀	cid₀o	ocbc	bcwcw

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

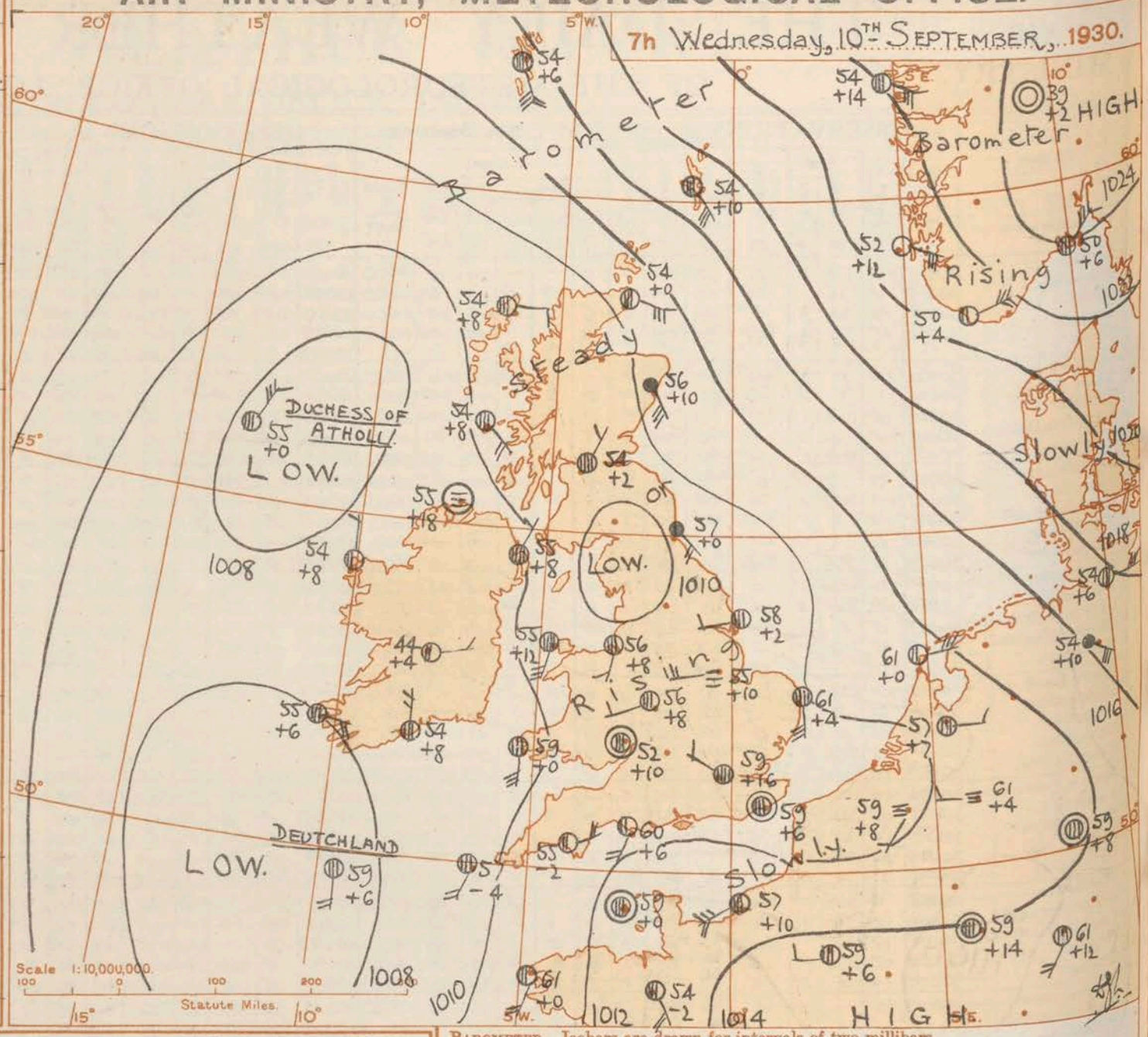
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 9th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 8th to 9h. 9th.	Temperature. Max. 9h.—17h. 9th.	Rainfall. Night. 17h. 8th to 9h. 9th.	Rainfall. Day. 9h.—17h. 9th.	Sunshine. Sunrise to 17h. 9th.	Sunshine. Sunrise to Sunset. 8th.
Dunbar	bc	bm₀	45	58	–	–	2.9	4.9
Berwick-on-T.	bc	bc	44	58	–	–	7.2	4.7
Douglas	om₀RR	mm	54	57	4	12	0.0	6.4
Llandudno	c	cr₀c	55	63	2	0.1	0.0	3.0
Colwyn Bay	rro	r₀	55	62	2	(Tr.) 0.3	0.6	3.3
Rhyl	om₀rr	opro	55	64	2	2	0.0	7.3
Wallasey	r₀	ocr₀	55	63	3	2	0.0	7.8
Southport	rr	rrop₀	53	61	6	4	0.0	8.8
Blackpool	or	oro	54	60	4	5	0.0	8.6
Morecambe	ordpm	odpr	54	60	2	6	0.0	9.1
Ilkley	mr	rm	48	57	3	6	0.0	7.4
Cleethorpes	oir	oro	54	63	0.1	1	0.0	2.9
Mablethorpe	or₀obco	ocm₀	55	62	Tr.	0.3	0.0	1.4
Skegness	o(Tr.)r₀	o(Tr.)₀	52	65	1	1	0.0	0.4
Aberystwyth	cir	c	55	62	18	–	0.0	6.2
Bath	cid₀	cid₀	55	64	1	Tr.	0.0	7.7
Cheltenham †	op	pzor	53	65	6	1	0.0	5.2
Leamington Spa	rc	pc	53	63	5	1	0.1	4.1
Lowestoft	cir₀	cbcc	53	65	–	(Tr.) 0.2	4.5	4.2
Dovercourt	docbc	cdoc	55	68	Tr.	0.2	1.7	7.7
Maldon	rc	oro	50	67	1	1	0.1	6.0
Southend	com	or	54	68	Tr.	2	0.8	3.8
Ilfracombe	cbc	bcco	55	65	5	–	3.4	5.0
Bude	rcbc	bccdc	54	65	11	0.3	5.3	4.0
St. Ives	rdoc	c	55	63	47	1	3.3	7.3
Penzance	omdc	cbpr	57	65	10	0.3	4.4	5.2
Torquay	oor	pco	57	64	2	2	0.2	8.5
Jersey	rcbc	crcbc	61	67	0.2	Tr.	3.4	1.2
Weymouth	ridc	ccd₀	57	68	2	0.1	0.4	9.1
Bournemouth	odo	oco	54	68	3	2	1.0	7.4
Ventnor	ordf	odou	57	64	1	1	0.0	9.2
Southsea	or₀b	or₀c	56	64	1	1	0.0	7.5
Bognor Regis	oirbc	oir	55	64	1	1	0.1	9.3
Littlehampton	cdc	cdc	52	64	0.1	0.2	0.0	9.5
Worthing	od	or₀	55	63	Tr.	1	0.0	9.9
Brighton	coc	c	54	65	–	–	0.0	9.5
Eastbourne †	cor₀o	oc	54	65	–	Tr.	0.5	10.6
Hastings †	ocbcc	coc	55	65	0.3	–	0.0	9.0
Folkestone	odo	oodm	54	69	0.3	0.2	0.0	7.1
Dover	oco	coid	53	63	0.3	1	0.0	6.8
Deal	o	vod₀	52	65	Tr.	Tr.	0.0	6.3
Tunbridge Wells	ocop	o	51	64	0.3	Tr.	0.2	6.5
Ramsgate	o	or	56	69	–	Tr.	0.0	7.5
Margate	cdbc	cd	56	66	1	Tr.	1.3	7.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◐ Sky 4/10 to 6/10 clouded. ◐ Sky 7/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th. Sept. 1930.

Districts.	Forecasts
1. S.E. England 2. E. England 3. E. Midlands	Wind variable, light or moderate; mainly cloudy; showers, perhaps with thunder; local morning mist or fog; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales	Wind variable or southeasterly, light or moderate; mainly cloudy; some rain or showers, perhaps with thunder; local morning mist or fog; moderate temperature.
7. North Wales 8. N.W. England	Wind southerly or variable, light or moderate; mainly cloudy; some rain or showers, perhaps with thunder; local morning mist or fog; moderate temperature.
9. N. Midlands	As 2 & 3.
10. N.E. England 11. S.E. Scotland	Wind southeast or east, light or moderate; mainly cloudy; some rain; local morning mist or fog; moderate temperature or rather cool.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland.	Wind variable, perhaps light or moderate easterly or northerly later; mainly cloudy: perhaps local rain; moderate temperature or rather cool.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 10 & 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind variable, becoming northeast or north, light or moderate; mainly cloudy; some bright intervals; local rain; local morning mist or fog; moderate temperature.

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

GENERAL INFERENCE.

A complex depression, with centres off Northwest and South Ireland and a trough extending to the Netherlands, is almost stationary but may move slowly southeastwards. Weather will be somewhat unsettled, with perhaps thundery rains or showers in places. Mist or fog is probable in the early morning.

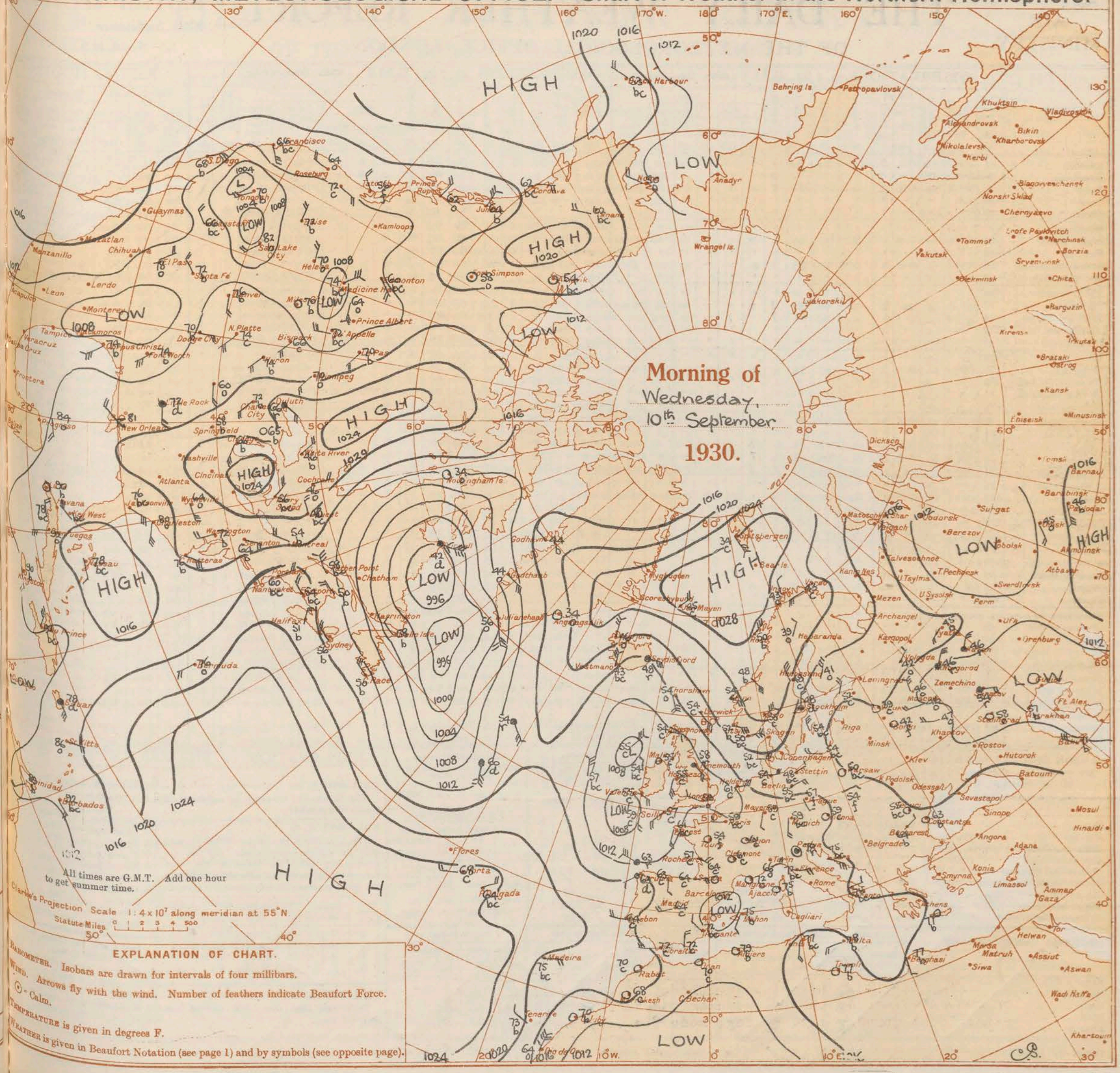
FURTHER OUTLOOK.

Rather unsettled.

Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

10th September 1930.

No. 25,129

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

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1016·6	+6	SE	5	ir$_o$	52	95	7	6	—	—	10	10	1500
Stornoway	34	1009·4	0	—	0	•	•	•	7	•	•	•	•	7-8	•
Wick	81	1011·9	+4	SSE	3	c	55	95	8	5	3	—	4-6	9	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1008·4	+4	NNE	1	f	53	95	2	5	—	—	10	10	<150
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1010·3	+2	ENE	2	o	54	95	7	6	—	—	10	10	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1011·0	0	SE	2	ir$_o$	56	95	7	6	—	—	10	10	1500
Blacksod Point	10	1008·3	+4	—	0	c	57	85	7	—	7	—	0	7-8	—
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1009·2	+2	SW'W	2	c	57	95	6	5	—	—	9	9	800
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1009·5	0	SE'E	3	rr	59	95	6	6	2	—	7-8	10	2500
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1010·0	+2	S	1	m	57	96	4	5	—	—	10	10	450
Gorleston	14	1010·4	0	SE'S	2	c	62	95	6	7	—	—	9+	9+	2500
Valentia Obs.†	30	1008·1	0	S	1	c	56	95	8	8	—	—	7-8	7-8	2500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1009·9	+2	WSW	2	bc	58	95	8	2	8	9	4-6	4-6	2500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1010·1	+2	SSW	2	z	61	95	5	5	1	—	9	10	800
Manston	136	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1011·4	-2	SW'S	2	rr	56	95	6	6	—	—	9+	9+	4000
Falmouth	200	1011·6	0	SW'S	1	bc	57	95	7	1	—	1	4-6	4-6	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1010·7	+12	W'N	3	c	59	85	8	3	4	1	2-3	7-8	2500
Calshot, S'hampton	8	1010·1	+6	WNW	2	c	60	96	6	5	5	—	2-3	9	2500
Dungeness	20														
Lympne	347	1010·3	0	W	2	o/d	59	95	6	5	—	—	10	10	800
Guernsey	173	1012·3	+4	W	1	bc	58	95	8	5	4	1	2-3	4-6	2500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1017·7	+10	SE	3	c	54	85	8	5	2	—	4-6	9+	1500	0	•
Stornoway	1010·9	+8	E	1	c	54	85	7	5	8	—	9	9+	4000	0	0
Wick	1012·1	0	ESE	4	c	54	95	8	6	2	—	7-8	10	1500	0	3
Tiree	1010·2	+8	SE	2	c	54	95	6	5	2	—	9+	10	2500	1	1
Nairn	1011·3	•	—	0	c	51	85	6	5	—	—	7-8	7-8	1500	0	•
Aberdeen	1012·5	+10	SSE	3	rr	56	95	4	6	—	—	10	10	800	1	1
Malin Head	1009·5	+18	—	0	if	55	95	6	5	—	—	9+	9+	450	1	0
Renfrew	1010·8	+2	NE	1	o/r	54	96	4	6	—	—	10	10	1500	1	•
Inchkeith (Edin.)	1011·1	+4	ENE	2	o	55	95	7	5	—	—	10	10	800	1	0
Leuchars	1011·1	+4	E	1	rr	56	95	6	6	2	—	9+	10	220	1	•
Eskdalemuir	1010·8	+4	NNE	1	roro	53	95	5	6	—	—	10	10	220	1	•
Tynemouth	1010·0	0	SE	2	ir$_o$	57	95	6	6	—	—	10	10	1500	1	2
Blacksod Point	1009·1	+8	N	1	bc	54	85	9	—	7	—	0	4-6	4000	0	2
Aldergrove	1010·0	+10	—	0	f	52	95	2	5	—	—	10	10	<150	1	•
Donaghadee	1009·7	+8	N'E	1	o	55	95	6	5	—	—	10	10	800	1	0
Birr Castle	1009·3	+4	E	1	bc	44	95	8	—	6	—	0	4-6	—	0	•
Holyhead	1010·5	+12	S'W	3	c	55	95	7	5	—	—	10	10	450	0	10
Liverpool (Bidston)	1010·6	+8	SW'S	1	c	56	75	8	5	—	6	7-8	9	2500	0	•
Chester (Sealand)	1011·1	+12	SE	1	cf-	53	95	3	5	—	2	4-6	7-8	4000	1	•
Harrogate	1010·5	+0	—	0	c	56	95	5	5	1	—	4-6	9+	2500	1	•
Spurn Head	1010·7	+2	W'S	1	c	58	95	7	5	7	8	2-3	9+	4000	1	3
Birmingham	1011·4	+8	WSW		c	56	95	5	—	3	8	0	7-8	—	1	•
Cranwell	1011·2	+10	W	2	f-	55	95	2	5	—	—	10	10	<150	1	•
Gorleston	1011·9	+2	SSE	3	o	61	95	6	6	—	—	10	10	800	0	2
Valentia Obs.†	1008·0	+6	ESE	2	c/r	55	95	8	8	3	—	7-8	7-8	1500	1	3
Roches Point	1009·2	+8	N	2	c	54	95	7	3	—	—	4-6	7-8	1500	0	0
Pembroke	1009·2	0	S	3	c	59	95	7	8	9	4	4-6	9+	1500	1	2
Ross-on-Wye	1011·1	+10	—	0	cf	52	95	3	—	—	2	0	7-8	—	1	•
Leafield	1011·2	+10	—	0	F	54	95	1	5	—	—	10	10	<150	1	•
Cardington	1011·0	+10	W'S	1	f	55	95	2	5	—	—	10	10	800	1	•
Winchester	1011·8	+10	W'S	1	c	55	95	6	5	—	5	7-8	9+	4000	1	•
S. Farnborough	1011·2	+8	WNW	1	c	57	95	6	5	—	—	9+	9+	4000	1	•
London (Kew)	1011·5	+16	WNW	1	c	59	95	5	5	—	—	10	10	2500	1	•
Croydon	1011·4	+10	W'N	2	m	59	95	4	5	—	—	10	10	450	1	•
Manston	1011·0	+8	SW	2	c	60	95	7	5	3	—	7-8	9+	2500	1	•
Shoeburyness	1011·1	+6	SW	3	c/d	61	95	5	5	—	—	9	9	4000	1	•
Clacton-on-Sea	1011·1	+10	WSW	1	c	62	96	6	3	—	—	7-8	7-8	800	0	1
Felixstowe	1010·8	+6	SW	1	z	62	95	5	8	—	—	10	10	4000	1	0
Scilly (St. Mary's)	1009·4	-4	SW'S	2	c	57	95	8	8	5	—	4-6	7-8	4000	0	1
Falmouth	1011·2	0	S	4	c	59	95	8	4	—	—	7-8	7-8	4000	1	2
Plymouth	1011·0	-2	ENE	2	bc	65	95	6	5	4	1	1	2-3	800	1	1
Portland Bill	1011·7	+6	SW	2	bc	60	85	8	4	1	1	2-3	4-6	2500	0	2
Calshot, S'hampton	1011·9	+8	WSW	1	c	56	95	7	5	3	6	4-6	7-8	2500	1	0
Dungeness																
Lympne	1011·0	+6	—	0	c	59	95	6	5	—	—	9+	9+	2500	0	•
Guernsey	1012·3	0	—	0	c	59	95	7	5	2	8	4-6	7-8	2500	0	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 9th Hrs. (36)
Lerwick	56	52	•	1	1	0·0
Stornoway	61	50	•	-	—	8·3
Wick	57	54	•	-	—	0·0
Tiree	56	54	53	4	7	7·1
Nairn	64	48	•	-	—	
Aberdeen	59	54	50	-	4	3·7
Malin Head	59	49	•	1	Tr.	3·0
Renfrew	61	53	52	-	10	0·0
Inchkeith (Edin.)	61	53	52	—	2	4·0
Leuchars	62	54	49	-	4	4·9
Eskdalemuir	61	52	51	-	5	1·1
Tynemouth	58	55	54	2	3	•
Blacksod Point	62	53	•	0·3	—	•
Aldergrove	64	48	40	15	0·2	0·1
Donaghadee	58	54	•	3	2	•
Birr Castle	66	44	37	0·1	—	5·7
Holyhead	59	55	52	4	2	0·0
Liverpool (Bidston)	62	55	52	3	Tr.	0·1
Chester (Sealand)	66	49	46	2	•	0·0
Harrogate	57	55	55	3	3	0·0
Spurn Head	63	57	•	0·6	3	0·0
Birmingham	60	53	46	5	—	0·3
Cranwell	66	53	50	6	3	0·2
Gorleston	66	61	59	Tr.	1	3·9
Valentia Obs.†	65	55	50	Tr.	8	9·2
Roches Point	65	50	•	-	Tr.	•
Pembroke	63	56	•	1	2	1·2
Ross-on-Wye	60	51	45	0·6	Tr.	0·0
Leafield	60	51	44	2	0·1	0·1
Cardington	66	55	55	2	Tr.	0·9
Winchester	63	53	47	3	8	0·0
S. Farnborough	62	55	49	6	5	0·0
London (Kew)	65	59	57	0·1	6	0·0
Croydon	66	58	57	0·3	2	0·0
Manston	65	58	56	2	0·2	0·0
Shoeburyness	66	59	53	0·1	3	0·1
Clacton-on-Sea	66	61	59	—	0·4	[illegible]
Felixstowe	(67)	60	58	0·4	3	1·0
Scilly (St. Mary's)	65	55	•	—	4	9·4
Falmouth	62	56	•	9	0·1	3·4
Plymouth	67	51	49	4	0·1	0·2
Portland Bill	65	57	•	1	0·2	•
Calshot, S'hampton	66	55	53	5	5	0·2
Dungeness						
Lympne	62	57	50	1	0·5	0·0
Guernsey	68	54	47	0·2	—	1·4

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	cz$_o$cd$_o$	cd$_o$cm	[illegible]	65	59	57	0·1	6	0·0	•	•	6
Croydon	244	cpr$_o$d$_o$	cd$_o$d$_o$m$_o$	[illegible]	66	58	57	0·3	2	0·0	•	•	5
Greenwich (Royal Observatory)	149	c	cid$_o$rd	crcm	68	58	53	Tr.	3	0·1	81	90	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·1	•	•	•
Westminster (St. James' Park)	27	•	•	•	65	59	58	2·2		0·0	99	85	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0·0	•	•	•
Camden Square	110	corc	crcor	•	64	58	•	2	2	•	•	87	•
Kensington Palace	80	coor	odrco	•	65	59	56	0·9	3·7	•	At 18h. 95	89	•
Hampstead Observatory	450	om	omr	•	62	55	54	4	1	0·0	•	89	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 10th.

South Kensington.			
Max.	Time.	Min.	Time.
1·0	8h. 9th.	<0·3	0h.-3h. 10th.

Kew Observatory.			
Max.	Time.	Min.	Time.
0·6	8h. 9th	0·1	1h. 10th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 9th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 10th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1009·9	W	1	c	72	1014·2	W	1	bc	59	72		1	
Brussels	1010·2	ESE	1	c	61	1012·0	SSW	1	of+	59	63	57	3	—
Berlin	1014·7	NE	2	o	57	1017·1	ENE	2	bc	55	59	50	0·2	—
Zürich	1014·6	W	1	bc	66	1017·2	SW	1	ir	61	72	59	4	2
Rome	1013·9	WSW	3	bc	75						88		—	

EXPLANATION of FIGURES, LETTERS, etc.

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.

Beau-fort. No.	Statute m/h.	Beau-fort No.	Statute m/h.	Beau-fort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1-3	5	19–24	10	55–63
2	4-7	6	25–31	11	64–75
3	8-12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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 1¼ miles.
- 5 Poor visibility 2½ "
- 6 Moderate " 6¼ "
- 7 Good " 12½ "
- 8 Very good " 31 "
- 9 Excellent " beyond 31m.

COLUMN 30.—Code for State of Sea.

- 0 Calm.
- 1 Smooth.
- 2 Slight.
- 3 Moderate.
- 4 Rough.
- 5 Very rough.
- 6 High.
- 7 Very high.
- 8 Precipitous.
- 9 Confused.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

11th September 1930.

No. 25,130

OBSERVATIONS at 13h. G.M.T. 10th September

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1017.8	+2	SE	4	c	55	85	8	5	2	-	4-6	9+	1500
Stornoway	1011.2	+2	-	0	c	57	85	8	4	4	-	7-8	9	4000
Wick	1013.8	+10	SE	4	$r_o r_o$	55	95	6	6	-	-	10	10	1500
Tiree	1011.5	+6	-	0	c	57	85	7	5	7	9	7-8	7-8	2500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1013.2	+2	ESE	3	$i r_o$	56	95	5	6	-	-	10	10	1500
Malin Head	1011.0	+6	ENE	2	bc/p	58	95	6	3	8	-	2-3	2-3	1500
Renfrew	1011.4	+4	ESE	1	3	61	85	5	5	-	-	9+	9+	1500
Inchkeith (Edin.)	1010.9	0	ENE	1	c	58	95	7	5	1	-	4-6	10	800
Leuchars	1011.6	+6	E	2	$i r_o$	57	95	5	6	-	-	10	10	220
Eskdalemuir	1011.2	+2	NE	2	o	59	85	7	5	-	-	10	10	1500
Tynemouth	1010.9	+4	SE	2	o/r	59	95	6	6	-	-	10	10	1500
Blacksod Point	1010.1	+2	NNW	1	bc	62	75	9	-	6	1	-	2-3	-
Aldergrove	1010.9	+2	WNW	1	bc	63	85	7	3	-	2	2-3	4-6	2500
Donaghadee	1010.9	+6	SE	2	bc	59	85	7	7	-	8	1	2-3	4000
Birr Castle	1010.0	0	ESE	1	c	66	55	8	1	4	-	4-6	7-8	4000
Holyhead	1011.1	+2	S'W	2	c	62	85	8	5	8	1	7-8	9	5700
Liverpool (Bidston)	1011.4	0	NW'W	2	c/p	61	75	8	3	-	6	2-3	7-8	2500
Chester (Sealand)	1011.0	0	S'E	1	c	67	65	8	2	-	8	2-3	7-8	4000
Harrogate	1010.8	0	-	0	c	66	65	7	9	-	8	4-6	7-8	2500
Spurn Head	1011.7	+2	SE'E	1	c	62	95	6	5	3	9	2-3	9	1500
Birmingham	1011.3	+2	WNW	1	bc	65	75	8	8	-	9	4-6	4-6	4000
Cranwell	1011.7	+2	SE'S	1	3	67	75	6	1	-	8	4-6	7-8	4000
Gorleston	1011.4	0	SE	0	c	60	85	6	7	-	-	9	9	2500
Valentia Obs.	1009.3	+8	E'S	2	c	62	65	9	8	-	-	7-8	7-8	4000
Roches Point	1009.6	0	SW	2	c	60	85	8	8	-	4	4-6	7-8	1500
Pembroke	1009.8	0	SE	3	c	61	95	7	8	5	9	4-6	7-8	2500
Ross-on-Wye	1011.0	+4	SSW	2	c	67	75	8	2	3	8	4-6	7-8	4000
Leafield	1011.5	0	S	1	c	65	75	8	2	-	7	4-6	10	4000
Cardington	1011.6	0	ENE	1	c	65	75	6	1	-	2	4-6	7-8	4000
Winchester	1011.4	-4	-	0	c	66	65	8	1	1	-	4-6	7-8	4000
S. Farnborough	1011.3	-2	W	2	c	69	65	8	7	3	8	4-6	7-8	2500
London (Kew)	1011.9	-4	-	0	c	66	75	6	1	6	7	2-3	9	4000
Croydon	1011.6	-2	WSW	2	3	69	65	6	7	3	-	4-6	7-8	4000
Manston	1011.3	-8	SE	3	bc	68	75	8	1	-	1	4-6	4-6	4000
Shoeburyness	1011.9	+2	SE	1	bc	68	85	7	2	3	-	1	4-6	4000
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.4	+2	S'E	2	bc/p	68	75	8	3	3	-	2-3	4-6	2500
Scilly (St. Mary's)	1009.0	-4	S'W	2	bc	66	95	8	7	-	1	2-3	4-6	4000
Falmouth	1010.3	-6	SE'S	3	c	64	95	8	2	6	2	4-6	7-8	4000
Plymouth	1010.4	-6	S	4	c	62	85	8	9	3	1	7-8	9+	1500
Portland Bill	1011.6	0	SE'E	3	c	62	85	8	4	7	-	4-6	7-8	2500
Calshot, S'hampton	1012.1	-2	SW'S	3	bc	68	65	8	7	4	6	2-3	4-6	1500
Dungeness														
Lympne	1011.4	-2	SSE	3	bc	65	85	7	8	-	-	4-6	4-6	4000
Guernsey	1011.7	-4	SSE	1	c	63	85	7	5	-	-	9+	9+	2500

OBSERVATIONS at 18h. G.M.T. 10th September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1018.0	+2	SE	4	c	54	85	7	5	2	-	4-6	10	1500	0	•
Stornoway	1011.9	+4	SSE	1	c	56	85	7	4	2	1	4-6	7-8	4000	0	0
Wick	1013.9	+2	SE	4	rr	55	95	6	6	-	-	10	10	1500	1	4
Tiree	1012.1	+6	-	0	b	57	85	7	-	3	1	-	1	-	0	1
Nairn	1012.0	•	-	0	rr	56	95	6	6	-	-	9	9	800	2	•
Aberdeen	1013.3	+2	SE'E	2	ir	57	95	4	6	-	-	10	10	800	1	2
Malin Head	1012.0	+8	ENE	2	bc	57	95	5	4	8	-	1	2-3	4000	0	0
Renfrew	1011.7	+4	-	0	c/ttr_o	60	95	4	3	-	-	10	10	1500	1	•
Inchkeith (Edin.)	1011.1	0	NE	3	3	57	95	5	5	-	-	10	10	450	0	1
Leuchars	1011.7	0	NE	2	ra_o	57	95	5	5	-	-	10	10	220	1	•
Eskdalemuir	1011.4	+8	S'W	2	c	59	85	8	8	7	4	4-6	7-8	1500	1	•
Tynemouth	1011.4	+6	SE	2	c	57	95	6	5	-	-	7-8	7-8	1500	1	2
Blacksod Point	1011.7	+6	NNW	2	bc	61	75	8	5	6	-	2-3	2-3	4000	0	2
Aldergrove	1011.5	+6	E'N	1	bc	60	85	8	8	-	-	4-6	4-6	4000	1	•
Donaghadee	1011.5	+2	SSE	1	bc	57	95	7	7	4	-	2-3	2-3	4000	0	0
Birr Castle	1010.4	+4	NE	1	bc	63	75	7	7	4	1	2-3	4-6	4000	1	•
Holyhead	1011.4	0	NE'E	3	bc	58	95	8	7	8	1	1	2-3	4000	1	1
Liverpool (Bidston)	1011.5	0	NNW	2	c	59	85	8	8	6	-	4-6	7-8	2500	0	•
Chester (Sealand)	1011.4	+4	NW'W	2	c	60	85	7	5	3	-	2-3	7-8	2500	1	•
Harrogate	1011.5	0	-	0	m	61	85	4	5	-	8	9	9+	<150	1	•
Spurn Head	1011.4	0	ESE	2	c	60	95	6	5	3	9	4-6	10	1500	0	3
Birmingham	1011.0	0	S	1	bc	65	65	8	1	3	1	Tr	2-3	4000	1	•
Cranwell	1011.1	-2	SE'E	1	3	64	85	6	7	-	8	4-6	7-8	4000	1	•
Gorleston	1011.9	+2	SE'S	2	c	63	95	6	7	-	-	7-8	7-8	4000	0	2
Valentia Obs.	1011.0	+14	SW'S	1	pr_o	61	85	8	5	-	-	7-8	7-8	1500	1	2
Roches Point	1010.1	+6	SE	2	bc	61	85	8	5	-	4	2-3	4-6	2500	0	0
Pembroke	1009.6	0	SE	3	ir_o	60	95	7	8	5	-	7-8	10	1500	0	2
Ross-on-Wye	1010.8	0	SW'S	1	c	63	75	8	8	7	-	7-8	9+	4000	1	•
Leafield	1011.1	-4	E'S	2	bc	60	85	7	-	3	8	-	4-6	-	0	•
Cardington	1011.3	-2	-	0	c	64	75	6	7	3	6	7-8	9	4000	0	•
Winchester	1011.0	-2	SW	1	c	61	75	8	-	3	2	-	7-8	-	1	•
S. Farnborough	1010.9	-2	-	0	b	64	75	7	1	3	8	Tr	2-3	4000	0	•
London (Kew)	1011.1	-4	NNW	1	u	66	65	6	9	8	-	4-6	7-8	2500	1	•
Croydon	1011.0	-2	NW'W	1	u	66	65	6	8	3	-	9	9+	4000	1	•
Manston	1011.0	-2	S	1	c	63	85	7	5	1	-	4-6	9	4000	0	•
Shoeburyness	1011.1	-2	E'N	1	c	62	95	8	-	7	8	-	7-8	-	0	•
Clacton-on-Sea	1011.4	0	SE	3	bc	63	85	7	1	-	1	2-3	4-6	1500	0	2
Felixstowe	1011.2	-6	SE	2	c	63	85	7	5	3	8	2-3	7-8	7200	0	0
Scilly (St. Mary's)	1009.0	0	W'N	1	c	61	95	8	8	7	-	4-6	7-8	4000	0	1
Falmouth	1009.3	0	-	0	c	60	95	8	8	2	-	7-8	10	4000	0	0
Plymouth	1009.8	-2	SE	1	c	60	95	7	6	2	-	9+	9+	1500	1	1
Portland Bill	1010.4	-2	ESE	3	$r_o r_o$	61	85	8	4	7	-	4-6	7-8	1500	1	3
Calshot, S'hampton	1011.4	-8	WSW	1	c	63	75	8	8	1	4	2-3	7-8	4000	0	0
Dungeness																
Lympne	1011.1	-4	SW	2	c	61	85	7	5	1	-	4-6	10	2500	0	•
Guernsey	1010.8	-6	-	0	rr	59	85	6	6	-	-	10	10	1500	1	2

PAST 24 HOURS.

STATIONS.	Weather 7h.–13h. 10th. (37)	Weather 13h.–18h. 10th. (38)	Weather 18h. 10th to 1h. 11th. (39)	Weather 1h.–7h. 11th. (40)
Lerwick	c	c	oir_o	oir_o
Stornoway	c	cbc	c	bcf
Wick	$cr_o rm$	$o_o rmorr$	orrc	$oir_o o$
Tiree	c	cbcb	bifc	b
Nairn	crr	RRc	rcf	c
Aberdeen	$rrir_o m_o$	oirm	oirm	ocm_o
Malin Head	$cifbcz_o z_o$	$bcb3_o 3_o$	$bnz_o z_o$	$bz_o bif$
Renfrew	$ommr_o cz$	$ctir_o m$	cmm	omm
Inchkeith (Edin.)	$oir_o im_o$	ofm	$om_o m_o$	$ofm_o m_o$
Leuchars	$cr_o cro d_o d_o$	$o_o r_o m_o$	$oid_o m$	$omoRm_o m$
Eskdalemuir	$oir_o c$	cbcc	$co_o o$	o
Tynemouth	oir_o	oc	co	oiR
Blacksod Point	bc	tbc	bc	bc
Aldergrove	$fco_o bcbc$	bc	$bcbwm_o$	$bcwm_o bcf$
Donaghadee	ocbc	bc	coff	$ffom_o$
Birr Castle	bccy	$cc_o bc$	bc	bcofc
Holyhead	cbc	cbc	bcc	$bcwcm_o$
Liverpool (Bidston)	bc	bc	ccmW	bcWF
Chester (Sealand)	mbc	bc	bcbm	bmwbcff
Harrogate	cbc	bccgm	comtl	oFFrriR
Spurn Head	bc	bc	$cmzcr_o$	oc
Birmingham	cbc	bc	bcb	boF
Cranwell	$ofccm$	$c_o bcc$	$cm_o Fe$	oFef
Gorleston	$oir_o c$	c	cbc	bcoemr
Valentia Obs.	c	$occir_o$	$c_o bcbw$	$bwbc_o bc$
Roches Point	c	cbc	bcbwc	cw
Pembroke	cp	cp_o	orr_o	orrc
Ross-on-Wye	fbccbc	cbcu⊕	ccm	coff
Leafield	fobc	c	bcb	bfe
Cardington	ocm_o	$c3_o$	cmf	owm_o
Winchester	$cm_o cbc$	bc	bclc	$cm_o om$
S. Farnborough	$cm_o c$	cbcybc	bc	bcwoid$_o$
London (Kew)	$c3_o$	bcu	ctlom_o	omid$_o$
Croydon	$opc3_o$	$c3_o bcc3_o$	$or_o m_o mcm$	$cmfm_o$
Manston	cbc	bcc	c	cbcFwc
Shoeburyness	$cm_o bc$	bc	cil	ofefecm$_o$
Clacton-on-Sea	$c3bc$	bc	cc	bc
Felixstowe	$cm_o r bc3_o$	bcc	cbc	$bccm_o wcm$
Scilly (St. Mary's)	cbc	bcc	c	c
Falmouth	cbcc	cbco	oR	$orcir_o$
Plymouth	$bcm_o gr$	c	$corrm_o$	$orrRm_o c$
Portland Bill	bcc	oi_o	$dr_o r_o$	ORRc
Calshot, S'hampton	cbc	bc	bcw	bcwmo
Dungeness				
Lympne	$c3_o c$	$cd_o c$	$cbcm_o$	$bccm_o bcf$
Guernsey	$copic$	codrr	oRro	ocbc

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain.
rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☿, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

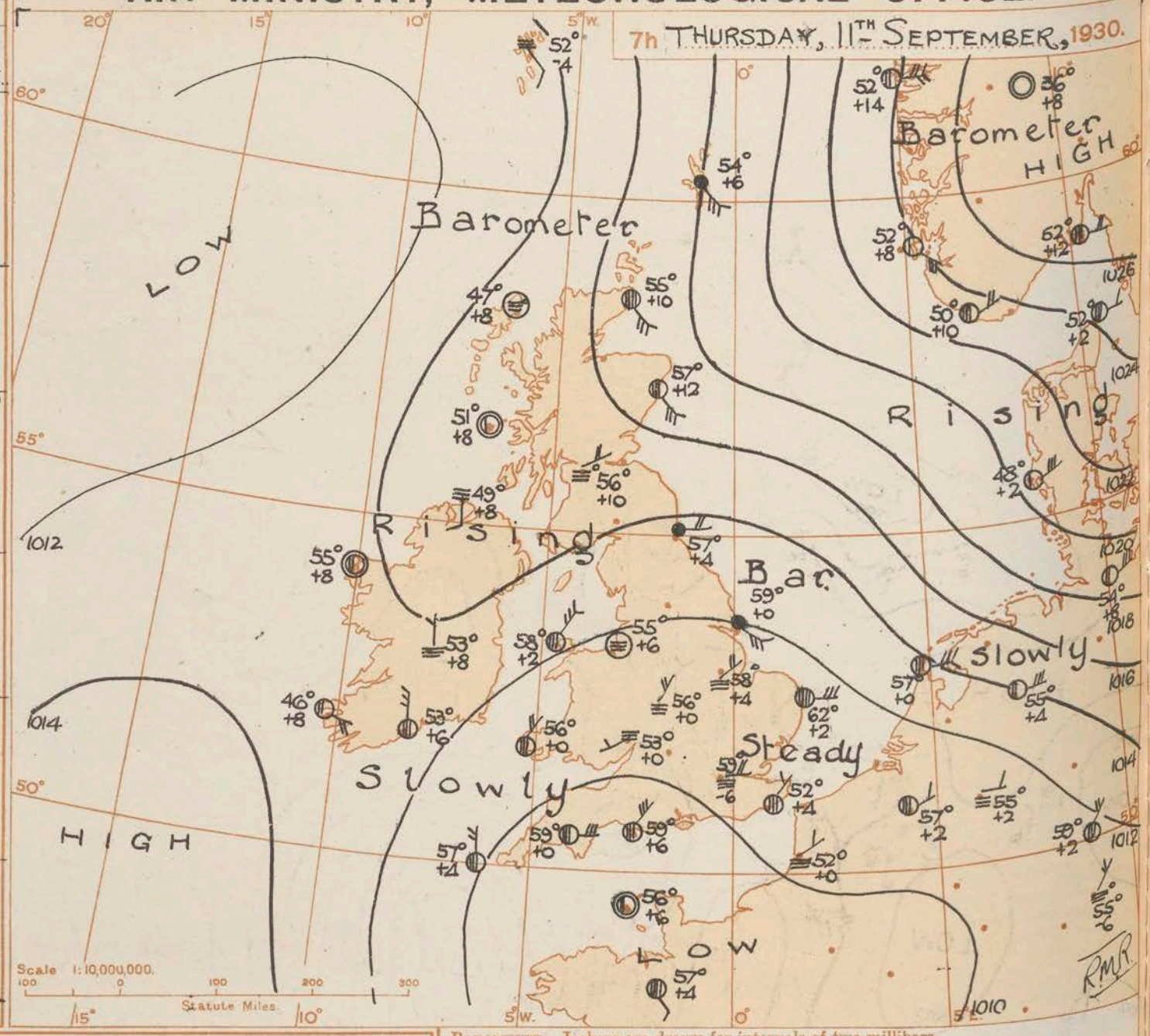
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 10th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 9th to 9h. 10th	Temperature. Max. 9h.—17h. 10th	Rainfall. Night. 17h. 9th to 9h. 10th	Rainfall. Day. 9h.—17h. 10th	Sunshine. Sunrise to 17h. 10th	Sunshine. Sunrise to Sunset. 9th
Dunbar ...	cdm	cdcf	53	58	4	1	0.0	2.9
Berwick-on-T. ...	or	ro	49	59	6	1	0.0	7.2
Douglas	cbbc	cbbc	54	62	6	-	5.6	0.0
Llandudno ...	bcc	cbc	51	63	2	-	4.5	0.0
Colwyn Bay ...	bbc	bcobc	50	62	-	-	7.2	0.0
Rhyl	bbc	bc	50	64	-	-	5.9	0.0
Wallasey ...	bcb	bbc	55	63	Tr.	-	6.9	0.0
Southport ... ‖	cbc	bcb	55	64	0.3	-	6.5	0.0
Blackpool ...	cbc	bcc	54	65	0.2	-	6.5	0.0
Morecambe ...	b	b	54	69	1	Tr.	6.5	0.0
Ilkley	bc	bcert	52	68	4	Tr.	4.0	0.0
Cleethorpes ...	cmc	bc	55	65	1	-	6.5	0.0
Mablethorpe ...	orcom	ocme	56	64	17	-	2.3	0.0
Skegness... ...	b	b	58	66	12	-	3.9	0.0
Aberystwyth ...	ctrbc	bcc	58 2	64	1	-	5.0	0.0
Bath	b	bbcc	49	68	Tr.	-	5.3	0.0
Cheltenham †	wbcb	bcc	53	68	Tr.	-	5.5	0.0
Leamington Spa	c	c	55	67	-	-	2.6	0.1
Lowestoft ...	croc	cbc	60	65	0.4	0.3	1.9	4.5
Dovercourt ...	doc	bc	58	70	0.3	-	5.6	1.7
Maldon	c	c	59	68	2	-	1.0	0.1
Southend ...	~~co~~ od	c	61	71	Tr.	Tr.	2.3	0.8
Ilfracombe ...	bcb	bcod	55	68	0.4	0.4	6.2	3.4
Bude	wcbcp	bcc	52	67	-	2	5.6	5.6
St. Ives	c	c	54	66	-	-	3.4	3.3
Penzance ...	cb	bc	55	67	-	-	3.8	4.7
Torquay	oprbc	cproip	49	63	7	2	3.4	0.2
Jersey	rcbc	crc	59	67	Tr.	0.2	3.0	4.3
Weymouth ...	bc	co	51	65	3	-	2.3	0.4
Bournemouth ...	b	o	52	66	1	-	5.0	1.0
Ventnor	cbcb	bbc	52	67	0.3	-	9.0	0.0
Southsea ...	bcb	bbc	57	69	3	-	8.6	0.0
Bognor Regis ...	cbc	bcc	57	67	-	-	7.0	0.1
Littlehampton ...	bc	bc	57	65	0.1	-	6.5	0.0
Worthing ...	cbc	bbc	59	67	Tr.	-	6.7	0.0
Brighton... ...	cbc	bc	58	67	-	-	4.5	0.0
Eastbourne †	cbc	bc	60	67	1	-	6.0	0.5
Hastings †	cfc	cbcbbc	59	68	0.4	-	3.9	0.0
Folkestone ...	co	oco	59	72	Tr.	-	2.4	0.0
Dover	opc	cbcc	60	67	1	0.2	3.1	0.0
Deal	bc	bco	59	69	0.3	-	4.0	0.0
Tunbridge Wells	ocbcc	bc	58	70	0.3	-	4.3	0.2
Ramsgate ...	cbc	bc	59	67	-	-	6.4	0.0
Margate	cdbc	bc	60	68	1	Tr.	5.0	1.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 11th Sept. 1930.
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	Wind easterly or northerly, light or moderate; cloudy, some brighter intervals; local rain or showers, perhaps with thunder; local mist or fog night and morning; moderate temperature.
10. N.E. England 11. S.E. Scotland	As 14 - 16.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland.	Wind variable, light; mainly fair at first, perhaps rain tomorrow; local fog night and morning; moderate temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind east or southeast, light or moderate; mainly cloudy; local rain; local mist or fog night and morning; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind variable, light or moderate; mainly fair at first, perhaps rain later in the West; local fog night and morning; moderate temperature.

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

GENERAL INFERENCE.

A ridge of high pressure extends from northeast to southeast across the country and there are depressions over France and on the Eastern Atlantic. Weather will be cloudy with some bright intervals and probably also local showers or rains, perhaps with thunder.

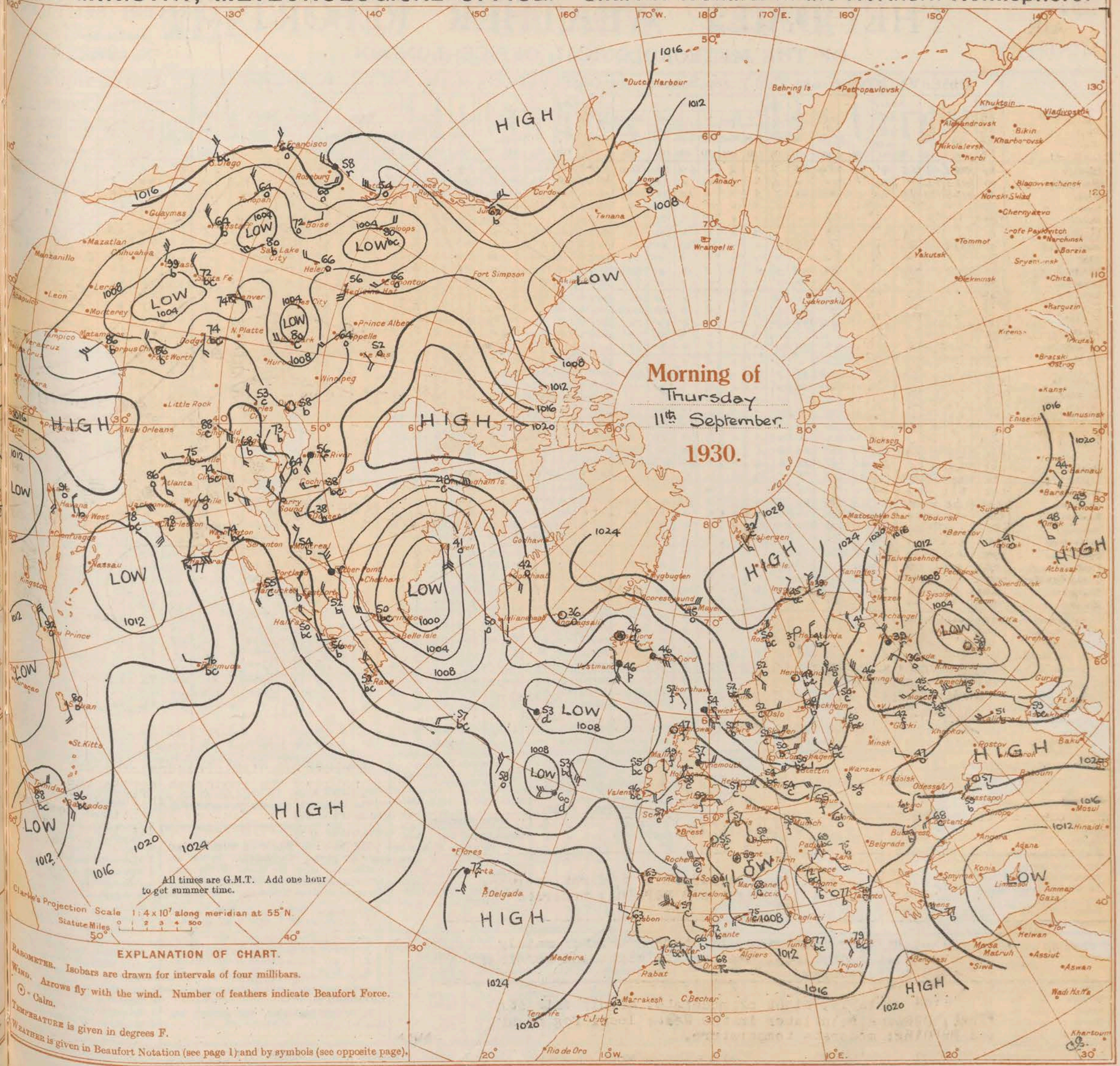
FURTHER OUTLOOK.

None issued.

Forecasts issued at 0920 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

11th September 1930.

No. 25130

OBSERVATIONS at 1 hr. G.M.T. 11th September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0–12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0–10 (12)	Cloud Amount Total 0–10 (13)	Height of Base (feet) (14)
Lerwick	54	1018·2	+2	SE	4	jp	54	85	7	3	2	–	4-6	10	1500
Stornoway	30	1012·5	+6	–	0	•	•	•	6	•	•	•	•	10	•
Wick	81	1013·4	–10	SE	4	c	55	95	7	3	–	–	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1013·2	+6	S	1	b	51	95	5	–	–	–	0	0	–
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1013·2	+6	NE	1	o	56	95	5	5	–	–	10	10	450
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1013·2	+4	SE	2	o	57	95	6	6	–	–	10	10	1500
Blacksod Point	10	1013·3	+4	–	0	b	54	95	8	1	–	–	0	7r	2500
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1011·8	0	ENE	3	c	58	95	7	5	–	–	7-8	7-8	4000
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1011·7	0	SE'E	3	c	60	95	5	5	3	–	4-6	10	1500
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1011·5	+2	ENE	1	F+	59	95	1	5	–	–	10	10	<150
Gorleston	14	1011·8	–2	E	2	bc	61	95	6	4	–	–	4-6	4-6	2500
Valentia Obs.†	30	1012·3	+14	NW	1	b	56	85	7	–	–	–	0	0	–
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1010·2	0	NE	2	r₀r₀	57	95	7	3	2	–	4-6	10	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1010·7	–6	E	1	m	59	95	4	5	7	–	7-8	10	2500
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1009·6	0	NNE	2	c	58	95	8	8	8	–	4-6	7-8	4000
Falmouth	200	1010·3	0	ENE	1	rr	57	95	7	6	–	–	10	10	2500
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1009·7	–4	ESE	2	r₀r₀	60	85	7	4	–	–	10	10	1500
Calshot, S'hampton	8	1010·5	–10	N	2	c	58	95	7	–	4	8	0	7-8	–
Dungeness	20														
Lympne	347	1010·9	–4	SSW	1	z	56	95	6	5	3	4	1	4-6	2500
Guernsey	173	1009·9	–6	–	0	o	60	95	8	5	–	–	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 11th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0–12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0–10 (26)	Cloud Amount Total 0–10 (27)	Height of Base (feet) (28)	State of Ground 0–9 (29)	Sea 0–9 (30)
Lerwick	1018·5	+6	SE	4	ir₀	54	95	7	6	2	–	4-6	10	1500	1	•
Stornoway	1014·7	+8	–	0	F	47	95	5	8	–	–	4-6	4-6	4000	0	0
Wick	1015·5	+10	SSE	4	o	55	95	7	6	–	–	10	10	1500	1	4
Tiree	1014·5	+8	NE	1	b	51	95	6	–	3	–	0	Tr	–	1	1
Nairn	1015·3	•	–	0	c	54	95	6	5	–	–	7-8	7-8	1500	1	•
Aberdeen	1016·5	+12	SE	4	c	57	95	6	6	7	–	7-8	9+	1500	1	2
Malin Head	1014·4	+8	S	1	F	49	95	2	–	6	–	–	2-3	–	1	0
Renfrew	1014·5	+10	ENE	2	m	56	95	4	5	–	–	10	10	800	1	•
Inchkeith (Edin.)	1014·6	+14	NE	1	m	56	95	4	5	–	–	10	10	450	0	0
Leuchars	1014·9	+22	E	2	o	57	95	5	5	–	–	10	10	450	0 1	•
Eskdalemuir	1014·6	+4	NE	2	o	55	95	5	5	–	–	10	10	220	1	•
Tynemouth	1013·6	+4	E	2	rr	57	95	6	6	–	–	10	10	1500	1	2
Blacksod Point	1013·8	+8	–	0	bc	55	95	8	–	5	–	0	4-6	–	0	1
Aldergrove	1014·4	+8	–	0	F	46	95	3	5	–	–	10	10	<150	1	•
Donaghadee	1013·4	+10	E	1	m	55	95	4	5	–	–	10	10	800	0	0
Birr Castle	1013·7	+8	N	1	F	53	95	3	5	–	–	10	10	1500	1	•
Holyhead	1012·1	+2	NE	4	c	58	95	6	5	8	8	1	9+	450	1	2
Liverpool (Bidston)	1012·4	+6	–	0	F	55	95	3	5	–	6	2-3	4-6	800	1	•
Chester (Sealand)	1012·8	+4	WNW	1	F+	48	95	1	5–	–	–1	10	10	450	1	•
Harrogate	1013·1	0	–	0	F	57	95	1	5	–	–	10	10 (2-3)	<150	1	•
Spurn Head	1012·1	0	E'S	4	pr	59	95	6	6	2	–	2-3	10	2500	0	3
Birmingham	1011·9	0	NNE	2	F	56	95	1	5	–	–	10	10	<150	1	•
Cranwell	1012·1	+4	NE'E	2	F	58	95	3	5	–	–	10	10	220	1	•
Gorleston	1011·2	+2	E	3	o	62	95	6	5	–	–	10	10	1500	0	2
Valentia Obs.†	1013·2	+8	E'S	2	bc	46	95	8	–	3	2	0	4-6	–	1	2
Roches Point	1012·3	+6	N	3	c	53	95	8	5	–	–	7-8	7-8	2500	0	0
Pembroke	1010·4	+2	NE	2	c	56	95	7	3	7	–	4-6	9+	1500	1	1
Ross-on-Wye	1011·3	0	WSW	1	F	53	95	3	5	–	–	10	10	450	1	•
Leafield	1011·3	0	N'W	1	F	53	95	1	5	–	–	10	10	<150	1	•
Cardington	1011·1	+2	ENE	2	o	55	95	6	5	–	–	10	10	800	0	•
Winchester	1010·6	+4	NE	1	m	56	95	4	5	–	–	10	10	800	1	•
S. Farnborough	1010·6	+6	–	0	id₀	55	95	4	5	–	–	10	10	800	0	•
London (Kew)	1011·1	–6	NE	2	F	59	95	3	5	–	–	10	10	800	1	•
Croydon	1010·9	+4	SE	1	z	57	95	5	5	3	9	2-3	9	800	1	•
Manston	1010·5	–2	–	0	c	57	95	7	–	9	6	0	9+	–	0	•
Shoeburyness	1011·0	+2	SW'S	2	c	57	95	6	5	9	8	Tr	9+	1500	0	•
Clacton-on-Sea	1010·7	0	E	1	bc	58	95	7	1	–	9	4-6	4-6	4000	0	0
Felixstowe	1011·2	+6	NE	1	m	61	95	4	5	–	–	9+	9+	1500	1	0
Scilly (St. Mary's)	1010·0	+4	N	2	c	57	95	8	8	–	–	7-8	7-8	4000	0	1
Falmouth	1009·5	0	N	2	ir₀	57	95	7	6	–	–	9	9	2500	1	1
Plymouth	1009·3	0	E	3	c	59	95	7	5	–	–	9	9	2500	1	1
Portland Bill	1009·8	+6	NE	3	c	59	75	7	4	2	–	4-6	9	1500	1	2
Calshot, S'hampton	1010·6	+6	N'E	2	bc	55	95	6	–	4	–	0	2-3	–	0	0
Dungeness																
Lympne	1010·9	+4	NE'E	1	c/f	52	95	6	–	–	6	0	9	–	1	•
Guernsey	1009·5	+6	–	0	bc	56	95	7	5	4	–	4-6	4-6	2500	2	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h–18h °F. (31)	Temperature Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h–18h mm. (34)	Rainfall Night 18h–7h mm. (35)	Sunshine 10th Hrs. (36)
Lerwick	55	53	•	0·1	2	0·1 0·2
Stornoway	59	46	•	0·4	–	•
Wick	55	55	•	5	8	4·1
Tiree	59	43	33	–	Tr.	0·0
Nairn	58	53	•	8	14	0·0
Aberdeen	57	56	55	5	3	5·9
Malin Head	59	46	•	–	Tr.	1·4
Renfrew	64	46	40	0·4	–	0·2
Inchkeith (Edin.)	59	54	55	0·5	Tr	0·0
Leuchars	59	55	55	2	6	1·8
Eskdalemuir	63	51	50	0·1	–	•
Tynemouth	61	57	49	1	9	•
Blacksod Point	62	51	•	–	–	6·8
Aldergrove	65	42	38	Tr	Tr.	•
Donaghadee	62	50	•	–	–	7·7
Birr Castle	67	48	39	Tr	–	5·1
Holyhead	65	56	53	–	Tr	8·0
Liverpool (Bidston)	62	54	47	–	*	8·4
Chester (Sealand)	69	46	42	–	–	4·2
Harrogate	67	56	55	–	3	4·9
Spurn Head	63	58	•	–	Tr	7·7
Birmingham	68	52	41	–	–	4·7
Cranwell	70	54	49	Tr	Tr.	1·8
Gorleston	64	60	57	Tr	0·2	4·4
Valentia Obs.†	65	45	41	2	0·1	•
Roches Point	67	51	•	–	7 Tr.	3·0
Pembroke	65	56	•	1	11	7·5
Ross-on-Wye	69	50	45	–	–	4·0
Leafield	66	47	39	Tr	Tr.	3·2
Cardington	67	55	52	–	–	7·4
Winchester	69	49	42	–	–	7·6
S. Farnborough	70	52	46	–	Tr.	4·6
London (Kew)	65	59	57	Tr	1	3·1
Croydon	69	57	55	–	0·5	5·8
Manston	69	49	45	–	Tr.	4·9
Shoeburyness	68	51	41	–	Tr	6·1
Clacton-on-Sea	68	57	53	–	–	5·7
Felixstowe	68	59	55	Tr	–	7·0
Scilly (St. Mary's)	67	55	•	–	–	2·4
Falmouth	66	56	•	–	8	4·0
Plymouth	66	56	55	1	11	•
Portland Bill	64	58	•	Tr	12	8·3
Calshot, S'hampton	68	54	50	–	–	•
Dungeness			•			2·2
Lympne	66	50	41	Tr	Tr	0·9
Guernsey	64	55	50	2	8	

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	czo	bcu	ct/omid₀	68	59	57	Tr	1	4·6	•	•	6
Croydon	244	om<zo	czobcczo	or₀m₀	69	57	55	–	0·5	3·1	•	•	6
Greenwich (Royal Observatory)	149	cmz	czc	crRdfk	73	57	52	–	5	2·5	69	79	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	1·7	•	•	•
Westminster (St. James' Park)	27	•	•	•	72	59	57	25		4·5	56	83	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•			•	•	•
Camden Square	110	c	cor	•	69	59	*	10	10	•	•	97	•
Kensington Palace	80	ccb	cobcm	•	70	59	55	5	6	•	At 18h. 57	80	•
Hampstead Observatory	450	bcm	orplor	•	68	54	54	4	3	4·0	•	95	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 11th

South Kensington. Max.	Time.	Min.	Time.
0·6	9h 10th 7h 11th	<0·3	16h & 17h 10th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	23h 10th	0·1	13h 10th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 11th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1011·3	ENE		z	64	1009·5	ENE	1	c	61	70	59	–	–
Brussels	1012·2	–	0	c	61	1010·3	ENE	1	c	57	70	54	0·1	–
Berlin	1017·1	ENE	2	c	59	1018·3	E	3	c	54	63	48	–	–
Zürich	1015·0	S	1	c	66	1012·2	SW	1	z	61	73	57	[illegible]	–
Rome						1014·6	N	1	b	75		63		–

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

COLUMNS 8, 22.—Code for surface visibility.

Objects not visible at

Code	Description	Distance
0	Dense fog	55 yards.
1	Thick fog	220 "
2	Fog	550 "
3	Moderate fog	1,100 "
4	Mist or haze	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6¼ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

COLUMN 30.—Code for State of Sea.

0 Calm.
1 Smooth.
2 Slight.
3 Moderate.
4 Rough.
5 Very rough.
6 High.
7 Very high.
8 Precipitous.
9 Confused.

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, ADASTRAL HOUSE, KINGSWAY LONDON, W.C.2. G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr observations are from Valentia W/T station

TION
.....1930.

URS.

FALL. Night 18h-7h mm. (35)	SUN-SHINE ...10th... Hrs. (36)
2	0·1
–	0·2
8	•
Tr.	4·1
1 4 (red)	0·0
3	0·0
Tr.	5·9
–	1·4
Tr	0·2
6	0·0
–	1·8
9	•
–	•
Tr.	6·8
— (red)	•
–	7·7
Tr	5·1
–	8·0
–	8·4
3	4·2
Tr	4·9
–	7·7
Tr.	4·7
0·2	1·8
0·1	4·4
7 Tr. (red)	•
11	3·0
–	7·5
Tr.	4·0
–	3·2
–	7·4
Tr.	7·6
1	4·6
0·5	3·1
Tr.	5·8
Tr	4·9
–	6·1
–	5·7
–	7·0
8	2·4
11	4·0
12	•
–	8·3
	•
Tr	2·2
8	0·9

RS, etc.

22.—Code for Visibility.
not visible at 55 yards.
220 "
550 "
1,100 "
1¼ miles.
2½ "
6¼ "
12½ "
31 "
beyond 31m.

.—Code for State of Sea.
Very rough.
High.
Very high.
Precipitous.
Confused.

irector.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

12th September 1930.

No. 25,131

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

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1019.9	+6	SE	4	ir₀	54 5 (red)	85	7	6	2	-	4-6	10	1500
Stornoway	1015.4	0	SSE	1	bc	57	85	6	1	-	-	2-3	2-3	4000
Wick	1017.0	+6	SSE	3	ir₀d (red)	56	95	6	6	-	-	10	10	1500
Tiree	1015.5	0	NE	1	f-	56	95	3	-5 (red)	-	-	10	10	<150
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1016.2	+10	SE	3	rr	56	95	5	6	-	-	10	10	1500
Malin Head	1014.6	0	NNE	2	bc	57	95	5	1	9	-	1	4-6	2500
Renfrew	1015.1	-2	NE	2	o	61	85	5	5	-	-	10	10	1500
Inchkeith (Edin.)	1015.0	-4	E	2	rr	57	95	6	6	-	-	10	10	800
Leuchars	1016.4	+6	ESE	2	rr	57	95	6	6	-	-	10	10	450
Eskdalemuir	1014.8	+2	ESE	3	c	60	85	6	5	2	-	4-6	10	1500
Tynemouth	1015.2	+6	ESE	2	w	59	85	6	6	-	-	10	10	1600
Blacksod Point	1014.6	+2	N	1	bc	63	75	8	5	-	2	2-3	2-3	2600
Aldergrove	1014.1	-6	-	0	c	62	85	5	7	-	-	7-8	7-8	800
Donaghadee	1014.0	+2	ESE	1	bc	60	85	6	5	-	-	4-6	4-6	2600
Birr Castle	1013.8	-2	NE	1	bc	62	76	8	1	-	9	2-3	4-6	2500
Holyhead	1012.6	-2	NEN	4	c	61	95	6	5	-	8D (red)	2-3	9	800
Liverpool (Bidston)	1012.5	0	WNW	2	r₀r₀	60	95	6	6	-	-	10	10	1500
Chester (Sealand)	1012.7	-2	NWN	3	ir	60	95	4	6	-	-	10	10	1500
Harrogate	1013.8	0	E	2	o	57	95	5	6	-	-	10	10	2600
Spurn Head	1012.7	0	ESE	4	o	60	95	6	5	-	-	10	10	2600
Birmingham	1011.3	-2	ENE	2	c	63	86	6	1	3	-	4-6	7-8	2500
Cranwell	1011.8	-6	NEE	3	ir₀d (red)	62	95	6	6	-	-	10	10	460
Gorleston	1011.5	0	EN	3	c	61	95	6	5	2	-	7-8	10	1500
Valentia Obs.	1013.3	-2	NWN	3	bc	66	65	8	2	3	2	1	4-6	4000
Roches Point	1013.0	+6	SE	3	c	61	85	8	3	-	-	7-8	7-8	2500
Pembroke	1010.8	+4	NE	2	z	65 (red; 67 struck out)	85	7	8	7	-	4-6	7-8	1500
Ross-on-Wye	1011.2	0	ENE	2	c	62	85	6	5	-	-	9+	9+	1600
Leafield	1010.5	-4	NNE	2	bc	65	75	7	3	6	8	2-3	4-6	4000
Cardington	1010.8	0	NEE	2	c	65	75	6	5	-	-	9+	9+	4000
Winchester	1010.1	-6	NE	1	c	66	75	7	4	-	-	7-8	7-8	2500
S. Farnborough	1009.9	-6	E	1	bc	69	65	7	2	4	1	2-3	4-6	4000
London (Kew)	1010.4	-8	-	0	w	66	75	6	9	3	-	4-6	9+	2500
Croydon	1010.5	-4	ES	1	c	68	55	7	1	6	-	2-3	9+	4000
Manston	1010.2	-2	E	2	c	66	75	7	1	7	-	4-6	9+	4000
Shoeburyness	1010.7	-4	SSE	1	bc	68	75	8	-	9	9	0	4-6	-
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.0	0	EN	3	c	65	85	6	7	3	-	9	9	1500
Scilly (St. Mary's)	1010.6	0	NNE	4	c	63	95	8	8	-	-	7-8	7-8	4000
Falmouth	1010.7	0	NE	3	bc	63	85	8	8	-	-	4-6	4-6	4000
Plymouth	1010.1	+2	SE	2	c	63	85	8	3	-	-	9	9	4000
Portland Bill	1010.1	0	NEN	3	c	66	85	7	6	4	-	4-6	7-8	2500
Calshot, S'hampton	1010.4	-2	SE	2	bc	67	75	7	8	4	1	4-6	4-6	2500
Dungeness														
Lympne	1010.0	-2	ES	2	z	64	85	6	7	2	-	4-6	10	2500
Guernsey	1009.8	+2	-	0	c	64	85	9	5	-	-	9+	9+	2500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1020.6	+4	SE	3	c	55	85	7	5	7	-	4-6	9+	1500	0	•
Stornoway	1015.9	+4	NE	2	bc	57	95	7	5	-	-	2-3	2-3	4000	0	1
Wick	1018.1	+6	SSE	4	rr	55	95	7	6	2	-	7-8	10	1500	1	3
Tiree	1015.4	-2	-	0	c	56	95	7	-	3	6	0	7-8	-	0	1
Nairn	1015.8	•	-	0	rr	57	95	7	6	-	-	10	10	800	2	•
Aberdeen	1018.9	+8	SE	3	c	56	96	6	6	7	9	2-3	9	1500	1	2
Malin Head	1015.1	+2	NNE	2	f+	56	95	2	5	-	-	10	10	450	0	0
Renfrew	1015.6	+4	ENE	2	c	60	85	5	5	-	-	9+	9+	1500	1	•
Inchkeith (Edin.)	1016.6	+8	E	2	c	57	95	7	5	2	-	4-6	10	800	1	0
Leuchars	1017.5	+10	ESE	3	c	57	96	7	6	7	-	9	9+	1500	1	•
Eskdalemuir	1016.2	+10	EN	3	c	56	85	6	5	2	-	7-8	10	1500	1	•
Tynemouth	1016.1	+4	E	2	o	57	95	6	6	-	-	10	10	1500	0	3
Blacksod Point	1015.1	+2	N	3	bc	61	75	7	4	-	2	4-6	4-6	2600	0	3
Aldergrove	1014.5	+6	N	1	b	59	96	5	-	-	3	0	Tr.	-	1	•
Donaghadee	1014.1	0	NE	1	c	58	95	6	5	-	-	9	9	2500	0	0
Birr Castle	1013.6	0	NE	1	c	65	75	8	4	-	-	7-8	7-8	4000	1	•
Holyhead	1012.9	+4	NEE	4	bc	60	95	6	5	3	-	1	2-3	2500	1	2
Liverpool (Bidston)	1013.2	+4	NNE	2	ir₀	59	95	4	5	-	-	10	10	1500	1	•
Chester (Sealand)	1013.1	+6	NEE	2	d/r	60	85	4	5	-	1	9	9	2600	1	•
Harrogate	1014.7	+6	EN	1	c/d	57	95	5	6	2	-	9	10	2500	1	•
Spurn Head	1012.8	0	ES	4	c	59	95	6	5	2	-	4-6	10	2500	0	4
Birmingham	1012.1	+4	NE	4	c	61	85	6	5	-	-	9+	9+	1500	1	•
Cranwell	1012.4	+6	NEE	3	d₀d₀	59	95	5	6	-	-	10	10	450	1	•
Gorleston	1011.3	0	EN	3	o	61	95	6	6	-	-	10	10	800	0	2
Valentia Obs.	1013.5	+2	NWW	3	bc	61	85	9	1	3	9	1	4-6	2500	0	1
Roches Point	1013.2	0	SE	2	c	61	85	8	3	-	-	7-8	7-8	2500	0	0
Pembroke	1011.2	0	N	3	c	59	95	6	8	7	-	2-3	9	1500	1	1
Ross-on-Wye	1010.8	-4	NE	1	z	64	85	6	2	8	9	7-8	7-8	4000	1	•
Leafield	1010.9	+6	NEN	2	c	61	86	7	3	-	8	7-8 (red)	7-8	4000	0	•
Cardington	1010.6	+4	NEN	2	pr	63	85	6	3	3	-	7-8	10	1500	1	•
Winchester	1010.0	+4	N	1	c	64	75	7	8	2	-	4-6	7-8	4000	0	•
S. Farnborough	1010.1	+2	NE	1	z	65	75	6	8	7	3	7-8	9	4000	0	•
London (Kew)	1010.2	+2	ENE	3	u	66	65	6	3	-	-	9+	9+	4000	1	•
Croydon	1010.3	+2	ES	2	z	65	75	6	8	7	8	2-3	9	5700	0	•
Manston	1010.0	-2	E	3	m	61	95	4	5	-	-	10	10	450	0	•
Shoeburyness	1010.8	0	ENE	1	c	62	95	6	5	2	9	2-3	9	1500	0	•
Clacton-on-Sea	1010.8	0	ENE	3	c	63	85	6	5	-	-	7-8	7-8	800	0	2
Felixstowe	1011.2	-2	NEE	3	z	62	85	6	5	-	-	10	10	800	0	0
Scilly (St. Mary's)	1011.9	+8	NE	4	c	60	96	7	8	-	-	7-8	7-8	4000	0	2
Falmouth	1011.4	+6	ENE	2	bc	61	95	8	3	-	-	4-6	4-6	4000	0	0
Plymouth	1010.9	+8	WNW	1	c/pr	61	95	8	9	-	-	7-8	7-8	2500	1	1
Portland Bill	1010.1	+2	W	2	c	63	85	7	4	6	-	4-6	7-8	2600	0	2
Calshot, S'hampton	1010.4	+2	SW	2	c	63	85	7	4	6	4	2-3	7-8	4000	0	0
Dungeness																
Lympne	1010.1	+2	NEN	3	z	61	95	6	7	2	-	1	10	5700	0	•
Guernsey	1009.9	0	-	0	bc	61	95	7	-	4	1	0	4-6	-	0	2

PAST 24 HOURS.

Stations	Weather 7h.–13h. 11th (37)	13h.–18h. 11th (38)	18h. 11th to 1h. 12th (39)	1h.–7h. 12th (40)
Lerwick	oir₀	oir₀c	bcc•	cbc
Stornoway	bcif	bc	bc	bcep
Wick	ORroir₀	ir₀rr	crrbc	bc
Tiree	bff	fbc	bc	c
Nairn	or	orro	rcF (F red)	c
Aberdeen	corRrr	orrcz	c	cb
Malin Head	bifbcz₀z₀	bcdif	oFF	oFF
Renfrew	Ommm₀	oRRom₀	od₀d₀m₀	cm₀
Inchkeith (Edin.)	Ommmm₀	or₀cc	c	bccw
Leuchars	od₀rrm₀	ocusm₀c	c	cbcc
Eskdalemuir	omepicm	c	cw	cw
Tynemouth	oir₀	o	oc	bc
Blacksod Point	bc	bc	bc	bc
Aldergrove	cm₀	m₀bczbm₀	bm₀bccm	comewcm
Donaghadee	cbcm₀	bccm₀	bcc	c
Birr Castle	ofocbc	bcc	cbc	bcFF
Holyhead	cmfcm₀	cbcm₀	bccm₀	bccm₀
Liverpool (Bidston)	fmbco	oRm₀	m₀	ir₀m₀
Chester (Sealand)	Ffmr₀cir	rcmir₀	corm	cor₀m
Harrogate	oForro	cod₀	coid₀	coid₀
Spurn Head	o	oc	cpr	cpr₀crc
Birmingham	fc	bcc	coir₀	oir₀
Cranwell	ofrCRr₀m	or₀m₀d₀	od₀r₀R	orr₀m₀c
Gorleston	ocm₀	com₀	om₀r₀r	orrq
Valentia Obs.	bc	bc	bccwbc	bccofc
Roches Point	c	c	cbcw	bcw
Pembroke	cm₀	om₀r₀	cbcm	bcm₀
Ross-on-Wye	ofc	cbbcz	curzom	om
Leafield	Ffcbc	bc	bccm	cif
Cardington	cm₀	cprtm₀	cprm₀c	owm₀
Winchester	omcm₀	cy	ccm₀	cm₀om₀bcm₀
S. Farnborough	omfcombz	bccm₀	cm₀	cm₀
London (Kew)	bcz₀czu	cz₀o	cm₀	cm₀
Croydon	cbcz₀y	cyz₀	bccm₀m	cmoff
Manston	c	cm₀om	omcm₀	cm₀cm₀r₀f₀
Shoeburyness	bm₀bc	bccm₀	cm₀	oRRd₀d₀
Clacton-on-Sea	bc	bcc	c	corc
Felixstowe	cz₀c	coz₀	orm₀	or₀r₀m₀
Scilly (St. Mary's)	cp₀	cbcc	cbccf	com₀
Falmouth	cirbcP	bc	bccm₀	cm₀o
Plymouth	bccpr₀	bccPR	bcbm₀	cwcfe
Portland Bill	c	c	bcbz₀	bbcm₀
Calshot, S'hampton	bm₀bcm	b	bcwm₀	cwm₀bcbm₀
Dungeness				
Lympne	cm₀	cm₀	cm₀	cod₀d₀m₀
Guernsey	bcc	od₀bc	bcwbw	bwd₀

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
ip, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

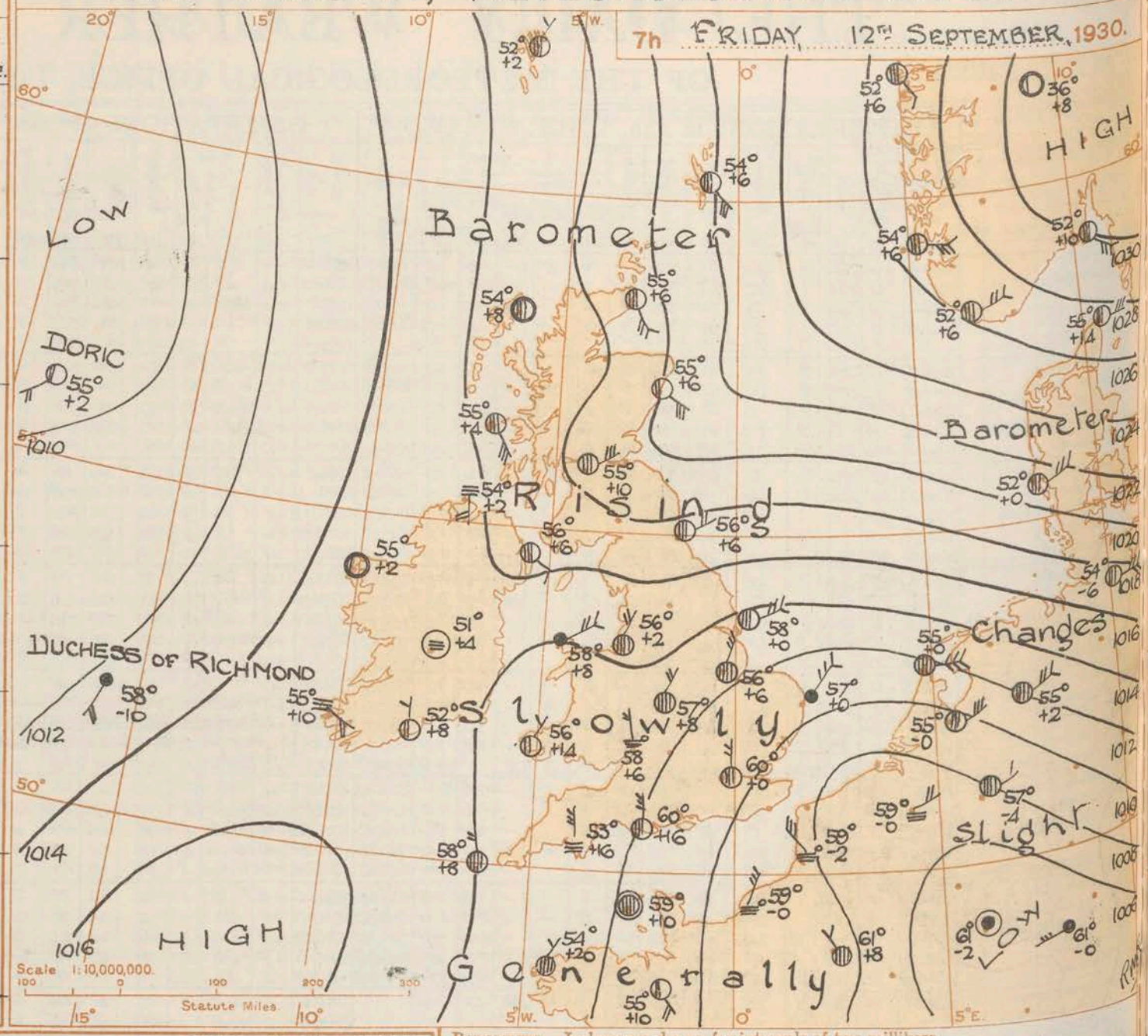
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 11th September 1930.

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 10th to 9h. 11th	Temperature. Max. 9h.—17h. 11th	Rainfall. Night. 17h. 10th to 9h. 11th	Rainfall. Day. 9h.—17h. 11th	Sunshine. Sunrise to 17h. 11th	Sunshine. Sunrise to Sunset. 10th
Dunbar ...	fdo	crc	54	59	0.3	7	0.0	0.0
Berwick-on-T. ...	ok	o	55	58	-	3	0.0	0.0
Douglas	cbbc	bccb	48	64	-	-	5.2	6.3
Llandudno ...	c	c	50	64	-	-	1.4	4.7
Colwyn Bay ...	o	o	49	62	-	-	0.1	7.5
Rhyl	chmo	omr	49	63	-	2	0.2	6.3
Wallasey ...	czpo	coir	50	63	-	1	0.0	6.9
Southport . ‖	oco	colrcr	50	66	-	3	0.6	6.8
Blackpool ...	coc	cor	49	65	-	4	0.2	7.2
Morecambe ...	c	crrcr	53	64	-	3	0.1	7.5
Ilkley	pr	oz	53	59	9	6	0.0	4.0
Cleethorpes ...	o	go	59	60	-	-	0.0	6.5
Mablethorpe ...	omoe	omoe	60	60	-	-	0.0	2.3
Skegness... ...	o(r)	o	58	63	-	2	0.0	3.9
Aberystwyth ...	cwcz	clrc	56	67	-	1	2.9	5.0
Bath	c	cbc	53	68	-	-	2.4	5.3
Cheltenham .†	wzoc	cbcc	50	67	-	-	1.8	5.5
Leamington Spa	c	c	51	69	-	-	1.5	3.0
Lowestoft ...	cmoid	omg	59	61	-	0.1	0.0	1.9
Dovercourt ...	ocbc	bcocm	60	69	-	-	2.4	6.1
Maldon	cb	bco	55	71	-	-	3.9	1.0
Southend ...	bc	co	56	72	Tr.	-	5.3	2.3
Ilfracombe ...	cbcb	bbc	58	65	9	-	7.5	6.2
Bude	pbc	bcdbm	56	66	7	0.2	6.8	5.8
St. Ives	c	c	54	63	13	-	3.7	4.8
Penzance ...	cir	cirbc	55	66	13	2	4.3	4.0
Torquay	orrpc	cbcb	57	65	10	-	7.0	3.5
Jersey	rc	cbc	58	68	10	-	3.0	3.0
Weymouth ...	cbc	cbcvc	56	67	15	-	3.0	2.8
Bournemouth ...	eb	bcc	52	71	-	-	4.7	5.1
Ventnor	b	b	57	69	-	-	10.3	9.3
Southsea ...	b	b	54	70	-	-	10.2	9.1
Bognor Regis ...	b	b	53	69	-	-	9.4	7.0
Littlehampton ...	bc	bc	51	68	-	-	8.6	6.7
Worthing ...	bc	bccbc	53	68	-	-	7.1	7.3
Brighton... ...	cbc	bc	52	69	-	-	4.8	5.2
Eastbourne .†	bcc	c	52	68	-	-	2.9	6.6
Hastings †	bcbbc	bcco	54	68	-	-	3.3	4.3
Folkestone ...	wbcc	coom	53	68	-	-	3.7	2.4
Dover	bcc	com	53	69	-	-	4.7	3.1
Deal	bcc	o	51	68	-	-	3.4	4.0
Tunbridge Wells	bbc	bcco	53	68	-	-	4.5	4.5
Ramsgate ...	bc	o	59	65	-	-	3.5	6.2
Margate... ...	bc	bccm	57	66	-	-	4.7	5.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◑ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th Sept. 1930.

Districts.	Forecast
1. S.E. England 2. E. England...	Wind northeast or north, moderate, fresh locally; mainly cloudy; local drizzle or rain; morning mist or fog; moderate temperature.
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind northeast or north, light or moderate; cloudy; some bright intervals; chance of local thundery rain; morning mist or fog; moderate temperature.
8. N.W. England 9. N. Midlands	Wind easterly, light or moderate; mainly cloudy; morning mist or fog; moderate temperature.
10. N.E. England 11. S.E. Scotland	Wind easterly, moderate; cloudy; perhaps coastal drizzle and mist; moderate temperature.
12. S.W. Scotland & Isle of Man	As 8 - 9.
13. A. W. Scotld. B. N.W. Scotland.	Wind southeast or south, light or moderate; cloudy; some bright intervals; perhaps showers later; moderate temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind southeasterly, moderate; mainly cloudy; perhaps local drizzle; moderate temperature.
	As 20.
17. N.W. Ireland 18. N.E. Ireland	Wind light northerly or variable; mainly fair; morning mist or fog; moderate temperature.
19. S.E. Ireland 20. S.W. Ireland	Wind light and variable, perhaps southerly later; fair at first; perhaps showers later; local morning mist or fog; moderate temperature.

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

GENERAL INFERENCE.

An anticyclone over Scandinavia extends to our northern districts, while a depression over Germany is almost stationary but tends to spread northwards. Weather will be mainly cloudy and temperature moderate in most districts Bright intervals are probable in the West, but drizzle or rain will occur locally in the East.

FURTHER OUTLOOK.

Somewhat unsettled.

Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

12th September, 1930.

No. 25131.

OBSERVATIONS at 1 hr. G.M.T. 12th September

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1021·4	+2	SE	3	c	54	85	7	5	1	–	4-6	7-8	1500
Stornoway	34	1015·8	0	–	0	•	•	•	6	•	•	•	•	4-6	•
Wick	81	1018·8	+2	SSE	4	c	55	95	8	5	6	–	2-3	7-8	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1015·1	-2	S	1	F+	51	95	1	5	–	–	10	10	<150
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1018·2	-2	E	2	c	56	95	8	5	–	–	10	10	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1016·5	-2	E	2	c	56	95	7	6	–	–	7-8	7-8	1500
Blacksod Point	10	1014·2	-4	N	1	bc	53	95	8	4	–	–	2-3	2-3	4000
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1013·3	0	NE'E	4	bc	59	95	6	5	3	–	1	4-6	2500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1012·8	0	E	5	jp	58	95	7	3	2	–	4-6	10	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1012·9	0	NNE	3	o/r	57	95	6	5	–	–	10	10	800
Gorleston	14	1010·6	-8	NE'E	4	ro ro	61	95	6	6	–	–	10	10	800
Valentia Obs.†	30	1013·8	-10	SSE	2	b	58	85	8	–	–	–	0	0	–
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1011·9	+2	N	3	bc	57	95	5	–	1	–	0	4-6	–
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1010·9	0	N	2	m	59	95	4	5	1	–	7-8	10	800
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1013·1	+4	N'E	3	c	58	95	6	5	–	–	9	9	2500
Falmouth	200	1012·3	0	N'W	3	c	57	95	6	5	–	–	9	9	1500
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1009·5 (10·5)	-2	N	3	b	61	85	6	–	–	–	0	0	–
Calshot, S'hampton	8	1010·5	0	N	2	c	58	95	7	–	4	8	0	7-8	–
Dungeness	20														
Lympne	347	1009·2	-10	N'E	4	z	57	95	5	5	–	–	10	10	2500
Guernsey	173	1011·1	0	–	0	b	58	95	6	–	–	–	0	0	–

OBSERVATIONS at 7 hr. G.M.T. 12th September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1022·1	+6	SE	3	c	54	85	8	5	1	1	4-6	9+	1500	0	*
Stornoway	1016·6	+8	–	0	c/r	54	95	6	8	–	–	9	9+	4000	1	0
Wick	1018·9	+6	SSE	4	c	55	95	8	5	4	–	4-6	7-8	2500	1	3
Tiree	1016·4	+4	SSE	3	c	55	95	7	5	2	–	9	10	2500	0	2
Nairn	1017·8	•	–	0	c	52	95	7	5	–	–	7-8	7-8	1500	1	*
Aberdeen	1019·9	+6	ESE	3	bc	55	95	7	1	3	–	Tr.	2-3	2500	1	3
Malin Head	1015·4	+2	S	2	c/f	54	95	5	5	–	–	10	10	<150	0	0
Renfrew	1017·9	+10	NNE	3	c	55	95	5	5	3	8	4-6	7-8	5700	1	*
Inchkeith (Edin.)	1018·2	0	E	2	c	55	95	8	5	3	–	4-6	9	1500	1	0
Leuchars	1018·5	+6	E	3	c	57	85	7	5	3	–	7-8	9	4000	1	*
Eskdalemuir	1017·7	0	ENE	3	c	53	95	7	5	2	–	9	10	1500	1	*
Tynemouth	1017·8	+6	ENE	2	c	56	95	7	6	–	–	7-8	7-8	1500	0	3
Blacksod Point	1014·8	+2	–	0	b	55	95	7	–	–	8	0	Tr	–	0	2
Aldergrove	1016·0	+2	NE	1	m	55	95	4	5	–	–	9+	9+	450	1	*
Donaghadee	1014·5	+2	ESE	1	c	56	95	7	5	–	–	9	9	2500	0	0
Birr Castle	1015·3	+4	–	0	F	51	95	1	5	–	–	10	10	<150	1	*
Holyhead	1013·9	+8	E'N	4	ir.	58	95	6	6	3	–	2-3	9+	4000	1	2
Liverpool (Bidston)	1014·7	+2	NNE	2	fg	56	95	5	5	–	–	10	10	1500	0	*
Chester (Sealand)	1014·8	+10	NNE	1	i'ro	56	95	4	6	–	–	10	10	1500	1	*
Harrogate	1015·9	0	E'N	1	c	55	95	7	6	2	–	9	10	2500	1	*
Spurn Head	1012·9	0	E'N	4	c	58	95	7	6	1	–	4-6	9+	4000	1	4
Birmingham	1013·7	+8	NE	2	o	57	95	5	5	–	–	10	10	800	1	*
Cranwell	1013·3	+6	NNE	3	o	56	95	6	5	–	–	10	10	450	1	*
Gorleston	1010·2	0	NE	4	rr	57	95	6	6	–	–	10	10	800	1	3
Valentia Obs.†	1014·8	+10	SE'E	2	c/f	55	95	4	5	–	–	9+	9+	450	0	2
Roches Point	1014·6	+8	N	1	bc	52	95	8	5	–	–	2-3	2-3	2500	0	0
Pembroke	1012·8	+14	NE	1	bc	56	95	6	–	4	–	0	2-3	–	1	1
Ross-on-Wye	1012·6	+6	N	2	m	58	95	4	5	–	–	10	10	800	1	*
Leafield	1012·1	+6	N'E	3	c	56	95	6	5	–	–	9+	9+	800	1	*
Cardington	1011·4	+4	NNE	3	o	58	95	6	5	–	–	10	10	800	1	*
Winchester	1011·3	+2	N'W	2	c	56	95	5	5	–	–	9+	9+	1500	0	*
S. Farnborough	1010·8	0	NW	1	z	57	95	5	5	3	–	4-6	9+	800	0	*
London (Kew)	1010·8	0	N	2	c	60	85	6	5	2	–	7-8	10	2500	1	*
Croydon	1010·7	+2	N	3	z	59	85	5	5	–	–	10	10	800	0	*
Manston	1008·1	-2	N	3	ro ro	60	95	6	6	–	–	10	10	450	1	*
Shoeburyness	1009·6	-6	NNE	3	do do	59	95	5	6	–	–	10	10	800	1	*
Clacton-on-Sea	1009·2	0	NNE	4	jp	59	95	6	6	–	–	7-8	7-8	450	1	2
Felixstowe	1009·6	+2	N'E	3	dd	58	95	5	6	–	–	10	10	450	1	2
Scilly (St. Mary's)	1014·0	+8	N'W	2	o	58	95	6	5	–	–	10	10	2500	0	1
Falmouth	1013·2	+6	NNW	3	o	56	95	6	5	–	–	10	10	1500	0	1
Plymouth	1012·9	+16	N	3	f-	53	95	2	5	–	–	9		220	1	1
Portland Bill	1011·4	+16	N	3	bc	60	85	5	–	4	–	0	2-3	–	0	2
Calshot, S'hampton	1010·8	+2	N	4	b	59	85	6	–	4	–	0	1	–	0	0
Dungeness																
Lympne	1008·9	0	N'E	3	1 do	59	95	5	5	–	–	10	10	800	1	*
Guernsey	1012·0	+10	–	0	fs	59	95	5	5	–	–	10	10	2500	1	2

PAST 24 HOURS.

STATIONS.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Night 18h-7h mm. (35)	Sunshine 11th Hrs. (36)
Lerwick	56	53	*	Tr.	–	0·0
Stornoway	62	49	*	–	0·5	10·0
Wick	56	54	*	13	2	3·9
Tiree	57	54	47	Tr.	–	0·0
Nairn	58	47	*	5	2	0·0
Aberdeen	57	54	51	7	–	4·2
Malin Head	58	49	*	–	0·1	0·0
Renfrew	62	54	36	2	Tr.	0·0
Inchkeith (Edin.)	59	54	51	3	Tr.	0·0
Leuchars	59	55	53	4	–	0·0
Eskdalemuir	60	51	48	0·4	Tr	*
Tynemouth	59	56	52	1	–	*
Blacksod Point	64	50	*	–	–	6·7
Aldergrove	65	49	40	Tr.	Tr.	*
Donaghadee	61	54	*	–	–	4·5
Birr Castle	65	47	40	–	–	6·1
Holyhead	62	57	55	–	Tr.	0·0
Liverpool (Bidston)	61	55	53	6	Tr.	0·2
Chester (Sealand)	62	56	52	3	1	0·0
Harrogate	58	55	54	7	0·1	0·0
Spurn Head	60	57	*	Tr.	0·6	0·0
Birmingham	65	56	55	–	0·3	2·2
Cranwell	62	56	54	7	4	0·0
Gorleston	62	57	56	–	11	0·0
Valentia Obs.†	66	49	44	–	Tr.	11·3
Roches Point	63	51	*	–	Tr	*
Pembroke	[67]	54	*	0·2	Tr.	2·0
Ross-on-Wye	60	57	56	–	–	2·2
Leafield	66	52	47	Tr.	–	4·1
Cardington	68	56	54	0·1	0·2	3·2
Winchester	70	53	46	–	–	3·9
S. Farnborough	70	51	45	–	–	3·7
London (Kew)	69	56	53	0·1	–	1·7
Croydon	71	58	55	–	Tr	4·9
Manston	66	59	55	–	0·1	3·4
Shoeburyness	69	55	53	–	11	5·9
Clacton-on-Sea	68	59	57	–	11	3·4
Felixstowe	67	58	57	–	2	2·4
Scilly (St. Mary's)	64	57	*	0·4	–	8·3
Falmouth	63	56	*	1	–	6·5
Plymouth	68	51	47	1	0·1	*
Portland Bill	67	57	*	–	–	9·8
Calshot, S'hampton	70	56	53	–	–	*
Dungeness						
Lympne	67	57	54	–	0·1	3·6
Guernsey	67	57	52	Tr.	0·2	5·3

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	9h. G.M.T. % (To-day.)	Visibility. 9h. (To-day.)
Kew	18	dbcz cy	cz o	cm cm	69	56	53	0·1	–	1·7	•	•	6
Croydon	244	cbcz oy	cy z o	bc m of	71	58	55	–	Tr.	4·9	•	•	5
Greenwich (Royal Observatory)	149	bc cy	cz y	cw c	71	57	50	–	Tr	3·9	60	87	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2·3	•	•	•
Westminster (St. James' Park)	27	•	•	•	69	58	55	–	–	2·1	60	83	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	1·4	•	•	•
Camden Square	110	bc	c	•	69	57	•	–	–	•	•	88	•
Kensington Palace	80	bc c	cow	•	68	57	49	–	Tr	•	At 18h. 69	88	•
Hampstead Observatory	450	ob c	oo	•	67	53	49	–	–	3·7	•	92	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 12th

South Kensington. Max.	Time.	Min.	Time.
1·0	10 9 11h 11th	<0·3	1-5h 12th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	12h 11th	0·1	4h 12th

FOREIGN OBSERVATIONS.

18h. G.M.T. 11th September

STATIONS.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1007·5	N	1	iR	63
Brussels	1008·6	NNE	2	rr	61
Berlin	1018·5	ENE	3	bc	59
Zürich	1008·8	NE	1	z	64
Rome	1010·6	SSW	4	u	75

7h. G.M.T. 12th September

STATIONS.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Night. mm.
Paris	1008·3	NNW	1	o	61	70	59	5	0·6
Brussels	1006·8	ENE	2	f	59	63	57	5	7
Berlin	1017·7	ENE	4	c	55	64	50	–	–
Zürich	1007·0	SW	1	rr	61	72	59		0·4
Rome	1013·0	SW	2	c	73	86	70	–	·11

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6¼ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr observations are from Valentia W/T station.

TION

...1930.

URS.

FALL. Night 18h-7h mm. (35)	SUN-SHINE 11.65 Hrs. (36)
-	0.0
0.5	10.0
2	•
-	3.9
2	0.0
-	0.0
0.1	4.2
Tr.	0.0
Tr.	0.0
-	0.0
Tr	0.0
-	•
-	•
Tr.	6.7
-	•
-	4.5
Tr.	6.1
Tr.	0.0
1	0.2
0.1	0.0
0.6	0.0
0.3	2.2
4	0.0
11	0.0
Tr.	11.3
Tr	•
Tr.	2.0
-	2.2
-	4.1
0.2	3.2
-	3.9
-	3.7
-	1.7
Tr	4.9
0.1	3.4
11	5.9
11	3.4
2	2.4
-	3.6
-	8.3
0.1	6.5
-	•
-	9.8
0.1	3.6
0.2	5.3

ERS, etc.

, 22.—Code for visibility.
s not visible at 55 yards.
220 "
550 "
g 1,100 "
1½ miles.
ty 2½ "
6¼ "
12½ "
31 "
beyond 31m.

30.—Code for of Sea.
5 Very rough.
6 High.
7 Very high.
8 Precipitous.
9 Confused.

Director.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION 13th September 1930.

No. 25132

OBSERVATIONS at 13h. G.M.T. 12th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1021.8	-6	SE	3	c	57	85	8	5	1	1	4-6	9+ (7-8)	1500
Stornoway	1016.4	0	SE	1	o	58	85	7	5	-	-	10	10	4000
Wick	1018.7	0	SSE	4	c	56	95	8	5	4	-	4-6	7-8	2500
Tiree	1016.0	-2	SSE	3	c	58	85	7	5	!	-	9+	10	5700
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1019.2	-4	ESE	4	c	58	85	6	7	-	-	9+	9+	2500
Malin Head	1015.3	-4	ESE	3	c	58	95	5	2	-	9	7-8	7-8	2600
Renfrew	1017.2	-6	NE	2	z	59	86	5	5	-	-	10	10	2500
Inchkeith (Edin.)	1017.5	-4	ENE	3	o	58	95	8	5	-	-	10	10	800
Leuchars	1017.7	-6	E	3	c	59	85	7	7	-	-	9+	9+	1500
Eskdalemuir	1016.8	-4	ENE	4	c/r	57	85	7	5	2	-	4-6	10	1500
Tynemouth	1016.5	-4	E	2	bc	59	85	7	8	-	-	4-6	4-6	2500
Blacksod Point	1012.4	-4	ESE	3	c	61	85	7	-	-	9	0	7-8	-
Aldergrove	1015.3	-6	NE'E	1	c	60	85	6	5	1	-	9	10	2500
Donaghadee	1015.4	0	E'S	1	c	58	95	7	5	-	-	9	9	800
Birr Castle	1014.0	-6	NW	1	c	65	75	7	8	-	8	4-6	7-8	2500
Holyhead	1013.3	-6	ENE	4	bc	62	85	6	5	-	-	4-6	4-6	1500
Liverpool (Bidston)	1013.6	-6	NE	2	c	60	85	5	5	-	-	9+	9+	1500
Chester (Sealand)	1014.3	-4	NE'E	2	z	62	75	5	5	-	-	9+	9+	2500
Harrogate	1014.7	-6	E'N	3	c/d	57	95	7	6	2	-	9	10	2500
Spurn Head	1012.3	-2	NE	4	pr	58	95	7	3	2	-	4-6	10	4000
Birmingham	1012.6	-4	NE	3	c	60 (65)	75	6	5	-	-	9	9	2600
Cranwell	1012.3	-10	NE	4	o	57	95	7	5	-	-	10	10	800
Gorleston	1010.0	0	NE	3	roro	58	95	6	6	-	-	10	10	800
Valentia Obs.	1013.2	-6	SW	3	c	62	75	8	7	-	-	9	9	1500
Roches Point	1014.0	-4	SE	1	c	60	85	8	5	-	9	4-6	7-8	4000
Pembroke	1012.5	-4	W	1	z	65	86	6	8	-	-	2.3	2.3	4000
Ross-on-Wye	1012.8	0	NNE	3	o	60	85	5	5	-	-	10	10	800
Leafield	1011.4	-6	N	4	c	60	85	8	5	-	-	9+	9+	800
Cardington	1011.0	-6	N	4	o/r	59	86	6	5	-	-	10	10	800
Winchester	1010.7	-6	NW	3	c	63	85	7	5	-	-	9	9	1600
S. Farnborough	1010.4	-6	N	3	o	62	85	7	5	-	-	10	10	1600
London (Kew)	1010.4	-8	N'E	2	c	62	75	6	8	-	-	7-8	7-8	2500
Croydon	1010.7	0	NNW	2	z	60	86	6	5	2	-	9	10	1500
Manston	1008.5	+6	N	2	dodo	60	95	6 (5)	6	-	-	10	10	800
Shoeburyness	1009.9	0	N'E	3	dodo	59	95	7	6	-	-	10	10	800
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1009.5	0	N	2	o	59	95	6	5	-	-	10	10	800
Scilly (St. Mary's)	1013.9	0	WNW	3	c	61	95	6	5	-	-	9	9 (10)	2500
Falmouth	1013.9	+8	S	2	bc	64	85	6	4	-	-	4-6	4-6	2600
Plymouth	1012.5	-4	S	3	z	64	85	6	2	-	-	2.3	2.3	1500
Portland Bill	1011.7	-4	N	2	c	66	75	7	4	7	-	4-6	7-8	2500
Calshot, S'hampton	1010.8	-2	N	4	c	65	75	6	7	-	-	7-8	7-8	2500
Dungeness														
Lympne	1008.6	0	NW	4	dodo	58	95	4	5	-	-	10	10	220
Guernsey	1012.3	+2	-	0	c	65	86	5	5	2	-	7-8	10	2500

OBSERVATIONS at 18h. G.M.T. 12th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)
Lerwick	1021.0	-8	SE (S)	3	bc	56	85	8	5	1	-	4-6	4-6	1500
Stornoway	1013.9	-6	-	0	c	57	95	7	5	7	-	7-8	9	4000
Wick	1017.9	-6	SSE	4	c	56	95	8	8	7	8	7-8	9+	2500
Tiree	1014.2	-12	SE'E	2	bc	57	85	7	-	3	8	0	4-6	-
Nairn	1015.9	•	SW	1	c	58	75	8	5	-	-	7-8	7-8	2500
Aberdeen	1018.2	-4	ESE	2	bc	65	95	6	7	-	-	4-6	4-6	1500
Malin Head	1013.1	-10	E	3	c	59	95	6	4	-	6	2.3	9+	5700
Renfrew	1015.6	-8	E	3	z	57	85	5	5	-	-	10	10	2600
Inchkeith (Edin.)	1016.6	-4	E	3	c	56	95	8	5	6	-	2.3	7-8	1500
Leuchars	1016.8	-6	E	3	bc	55	95	7	7	-	9	2.3	2.3	2500
Eskdalemuir	1015.5	-4	ENE	3	c	55	86	8	5	4	-	9	9	1600
Tynemouth	1016.1	-2	E	2	c	57	85	7	6	-	-	7-8	7-8	1600
Blacksod Point	1010.1	-12	ESE	3	c	61	85	7	5	6	4	2.3	7-8	450
Aldergrove	1013.9	-2	ENE	1	z	58	85	6	5	-	-	10	10	2500
Donaghadee	1014.0	-4	-	0	c	58	95	6	5	-	-	9	9	800
Birr Castle	1011.8	-8	NE	1	c	62	85	7	5	2	-	4-6	10	2600
Holyhead	1012.6	-8	E	3	o	60	85	5	5	-	-	10	10	4000
Liverpool (Bidston)	1012.9	-4	NE'E	3	bc	61	75	5	6	3	-	2.3	4-6	1500
Chester (Sealand)	1013.6	-2	E'N	2	z	61	85	5	5	-	-	9	9	4000
Harrogate	1014.2	-6	N	1	GG	55	95	4	6	-	-	10	10	<150
Spurn Head	1010.9	-2	NE'N	4	rr	56	95	6	6	-	-	10	10	4000
Birmingham	1012.6	-2	N	3	c	58	75	7	5	-	-	9	9	4000
Cranwell	1011.1	-6	N'W	3	dodo	56	95	5	5	-	-	10	10	800
Gorleston	1009.3	0	NE'N	2	o	58	95	6	6	-	-	10	10	800
Valentia Obs.	1010.4	-20	SE'S	3	c	59	86	8	5	2	-	4-6	10	1500
Roches Point	1012.0	-14	SE	2	c	59	85	7	5	-	-	9	9	2500
Pembroke	1011.1	-6	N	2	bc	62	85	6	5	-	9	2.3	4-6	4000
Ross-on-Wye	1012.3	-4	N'W	1	c	60	85	6	5	-	-	9+	9+	4000
Leafield	1011.8	0	N	3	c	57	85	7	5	-	-	7-8	7-8	4000
Cardington	1010.8	0	NNW	3	ido	57	95	6	6	-	-	10	10	450
Winchester	1011.2	0	NNW	2	xc	60	85	7	5	-	-	10	10	4000
S. Farnborough	1010.8	+2	NNW	1	o	59	85	7	6	-	-	10	10	1500
London (Kew)	1010.7	+2	NW	3	dodo	58	95	6	5	-	-	10	10	1500
Croydon	1010.8	+2	NW	3	dodo	57	95	5	6	-	-	10	10	450
Manston	1008.7	+2	N	3	o/d	59	95	6	6	-	-	10	10	800
Shoeburyness	1009.7	0	NW	2	c	58	95	6	5	2	-	4-6	10	1600
Clacton-on-Sea	1002.0	0	NNW	2	c	58	95	6	4	2	-	10	10	<150
Felixstowe	1009.1	-4	N	2	o/r	58	95	6	5	-	-	10	10	1500
Scilly (St. Mary's)	1013.1	-8	WSW	1	bc	59	95	6	-	-	9	0	2.3	-
Falmouth	1013.1	-6	NWW	2	c	62	85	6	5	-	-	7-8	7-8	1500
Plymouth	1012.1	-2	-	0	z	62	96	5	5	-	-	9+	9+	2500
Portland Bill	1011.4	+2	W	1	c	63	85	6 (7)	4	7	-	7-8	9+	1600
Calshot, S'hampton	1011.0	0	NNW	4	c	63	76	6	7	4	-	4-6	7-8	2500
Dungeness														
Lympne	1009.2	+6	NNW	3	z	58	96	6	5	-	-	10	10	800
Guernsey	1012.5	-2	W	1	bc	61	95	5	-	4	-	0	2.3	-

PAST 24 HOURS.

Stations	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 12th (37)	Weather 13h.–18h. 12th (38)	Weather 18h. 12th to 1h. 13th (39)	Weather 1h.–7h. 13th (40)
Lerwick	0	•	bc	bc	cbc iro	bcc
Stornoway	0	0	c	c	oc	c
Wick	0	3	bcc	c	bc	bc
Tiree	0	1	ciRc	cbc	bc	bc
Nairn	0	•	cbc	bcc	bcx	bc
Aberdeen	1	2	bcproc	cbc	bcc	cbccn'
Malin Head	0	0	czozo	czozo	czozoc	c
Renfrew	1	•	crmo	cmo	cmow	crmw
Inchkeith (Edin.)	0	1	c	oc	cbc	ciro
Leuchars	1	•	c	cbc	bccPRc	c
Eskdalemuir	1	•	cwcpro	c	cr	c
Tynemouth	1	3	cbc	bccpo	co	oir
Blacksod Point	0	2	bc	c	c	?
Aldergrove	1	•	mcmodo	zocomo	omocmo	cmow,c
Donaghadee	0	0	c	cmo	c	c
Birr Castle	0	•	Fc	c	c	corr
Holyhead	1	1	cbcmo	bcmo	cmo	cmo
Liverpool (Bidston)	0	•	irmo	cmo	cbcmw	cmwf
Chester (Sealand)	1	•	romczo	cmo	bcmo	bcmof
Harrogate	1	•	cido	coiro	omFrr	oFFrr
Spurn Head	1	5	cpr	cdoror	oroprc	orropd
Birmingham	1	•	c	c	c	cof
Cranwell	1	•	omodoc	cmoodo	ododomo	ododomfm
Gorleston	1	3	ororoo	orоro	oiroo	onro
Valentia Obs.	0	2	cmoc	c	croirc	crrir0c
Roches Point	0	0	bcc	c	cow	oRRc
Pembroke	0	1	bmo	bbczo	bccmo	omoro
Ross-on-Wye	0	•	om	omczc	cbmw	bf FF
Leafield	0	•	c	cpoc	bc	bc
Cardington	1	•	omodoroc	oDddmo	ododomo	omo
Winchester	0	•	cmoc	cproc	cmobcb	cmossm
S. Farnborough	0	•	codoo	odoo	o	ocwm
London (Kew)	1	•	czobczo	codomo	omo	omocmow
Croydon	1	•	odomo	coproddm	cdodomo	odocbcmo
Manston	1	•	ocroodom	ododomo	oidomo	oidomocmo
Shoeburyness	0	•	odod	oido	cmo	cmow
Clacton-on-Sea	1	1	corop	og	og	ogc
Felixstowe	1	0	odomo	omirozo	ozoido	oidomo
Scilly (St. Mary's)	0	1	ocmo	cmobc	bccor	corr
Falmouth	0	0	ocbcmo	bcmo	bcomo	omrrq
Plymouth	1	0	cfebmo	bccmo	cmob	bcorrmo
Portland Bill	0	1	bcczo	co	czo	cjPzo
Calshot, S'hampton	0	0	bccmo	cbcpromo	bcmobwkw	cwcmo
Dungeness						
Lympne	1	•	odododomo	odomomo	omodo	ocoFcmo
Guernsey	0	1	omcom	ombcm	bcwcm	owmoz

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain.
rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Ɯ, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

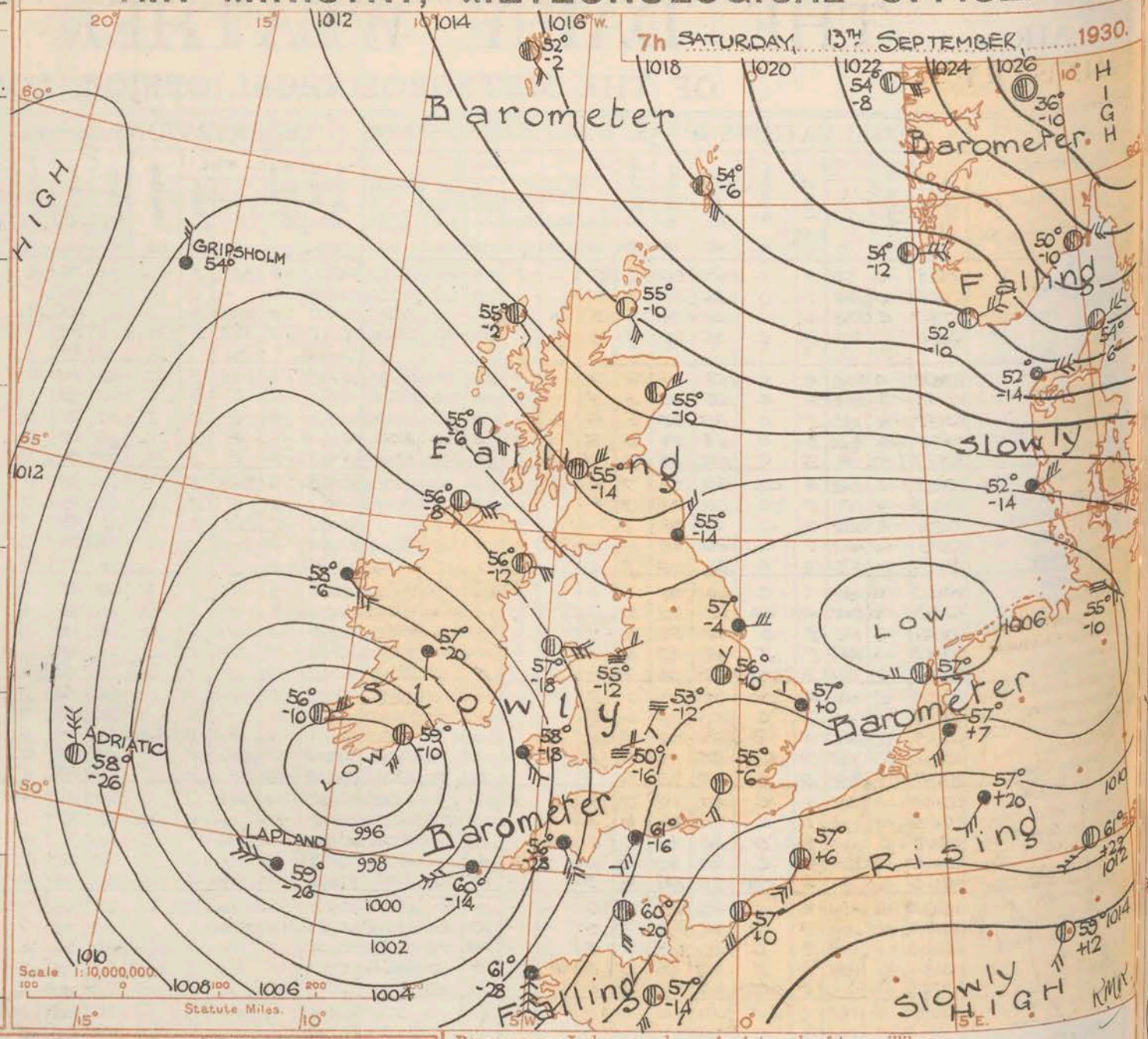
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 12th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 11th to 9h. 12th	Temperature. Max. 9h.—17h. 12th	Rainfall. Night. 17h. 11th to 9h. 12th	Rainfall. Day. 9h.—17h. 12th	Sunshine. Sunrise to 17h. 12th	Sunshine. Sunrise to Sunset. 11th
Dunbar ...	c	bc	55	57	-	-	2·3	0.0
Berwick-on-T. ...	o	c	55	59	-	-	1.6	0.0
Douglas	cbzbc	bccbz	56	64	-	-	4.0	5·2
Llandudno ...	oc	c	58	63	Trace	-	0.5	1·4
Colwyn Bay ...	o	o	57	62	Trace	-	0.1	0.1
Rhyl	omd	omm	55	63	0.4	0.3	0.1	0.2
Wallasey ...	oc	cbcc	55	64	Trace	-	0.6	0.0
Southport . ‖	oc	cbcbcb	55	64	1	-	1.0	0.8
Blackpool ...	c	c	56	65	3	-	0.8	0.2
Morecambe ...	codpc	cbc	58	65	1	Trace	1.0	0.1
Ilkley	c	cd	55	61	Trace	Trace	0.3	0.0
Cleethorpes ...	or	odd	58	59	1	0.4	0.0	0.0
Mablethorpe ...	oirm	oirm	58	59	2	1	0.0	0.0
Skegness... ...	or	or	59	62	5	3	0.0	0.0
Aberystwyth ...	cbcz	cz	55	64	-	-	2.7	2.9
Bath	c	c	56	64	-	-	0.7	3.1
Cheltenham . †	wozc	c	56	67 62	-	-	0.0	1.8
Leamington Spa	oc	co	55	64	-	-	0.3	1.5
Lowestoft ...	pirc	oipg	57	58	11	1	0.0	0.0
Dovercourt ...	doc	doc	58	62	2	0.4	0.0	2.4
Maldon	ro	o	57	60	4	-	0.0	3.9
Southend ...	od	o	57	66	5	Trace	0.0	5.3
Ilfracombe ...	ocbc	bcb	55	67	-	-	6.1	7.5
Bude	wmbc	bbc	50	64	-	-	6.4	6.8
St. Ives	c	b	55	63	-	-	6.3	4.4
Penzance ...	cmcb	bm	57	67	-	-	5.4	4.7
Torquay	wmcbc	mbm	54	66	-	-	4.5	7.3
Jersey	bccz	bccz	57	66	-	-	3.7	4.3
Weymouth ...	bzbc	cbcc	56	71	-	-	5.8	3.1
Bournemouth ...	bbc	bcce	54	69	-	-	6.7	4.7
Ventnor	bzo	bc u	56	65	-	Trace	9.9	10.9
Southsea ...	bcc	bcc	57	66	-	-	2.6	10.9
Bognor Regis ...	co	cobc	55	64	-	-	0.2	9.4
Littlehampton ...	c	cbcc	55	64	-	-	0.4	8.9
Worthing ...	o	co	57	63	-	-	0.4	7.2
Brighton... ...	ocbc	cbco	56	65	-	-	1.0	4.8
Eastbourne . †	oco	o	57	65	-	-	0·3	2·9
Hastings †	cobcc	co	57	65	-	-	0.5	3.3
Folkestone ...	odm	odom	59	62	Trace	Trace	0.0	3.7
Dover	mido	mido	60	61	0.6	0.3	0.0	4.7
Deal	od o	od o	59	62	0.5	1	0.0	3.4
Tunbridge Wells	o	oco	56	62	-	-	0·1	4.5
Ramsgate ...	d	dr	54	61	0·3	0·2	0.0	3.5
Margate	cd	cd	60	62	0·2	1	0.0	4.7

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◐ Sky 7/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 13th Sept., 1930
1. S.E. England 2. E. England...	Wind southerly, moderate or fresh, veering later; cloudy; rain; moderate or rather low temperature.
3. E. Midlands 4. W. Midlands	Wind east or southeast, moderate or fresh; cloudy or dull; some rain; rather cool.
5. S.W. England ▼ 6. South Wales ▼	Wind becoming southwest or west, strong; cloudy; showers; moderate temperature or rather cool.
7. North Wales	Wind southeast, fresh or strong; probably veering; cloudy, rain or showers; rather cool.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland.	Wind east or northeast, moderate, fresh at times; cloudy; some rain; moderate temperature or rather cool.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind northerly, strong, perhaps gale at times; cloudy, showers, brighter intervals; moderate temperature or rather cool.
17. N.W. Ireland ▲	As 7 - 16.
18. N.E. Ireland 19. S.E. Ireland ▼	Wind becoming northerly, fresh or strong; cloudy; rain or showers; moderate temperature or rather cool.
20. S.W. Ireland ▲	As 17.

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

GENERAL INFERENCE.

A depression over the Southern North Sea is moving northwards while a more vigorous depression centred off Southern Ireland is moving eastwards. Weather will be unsettled generally and strong winds will be experienced in the West and Southwest.

FURTHER OUTLOOK.

Unsettled.

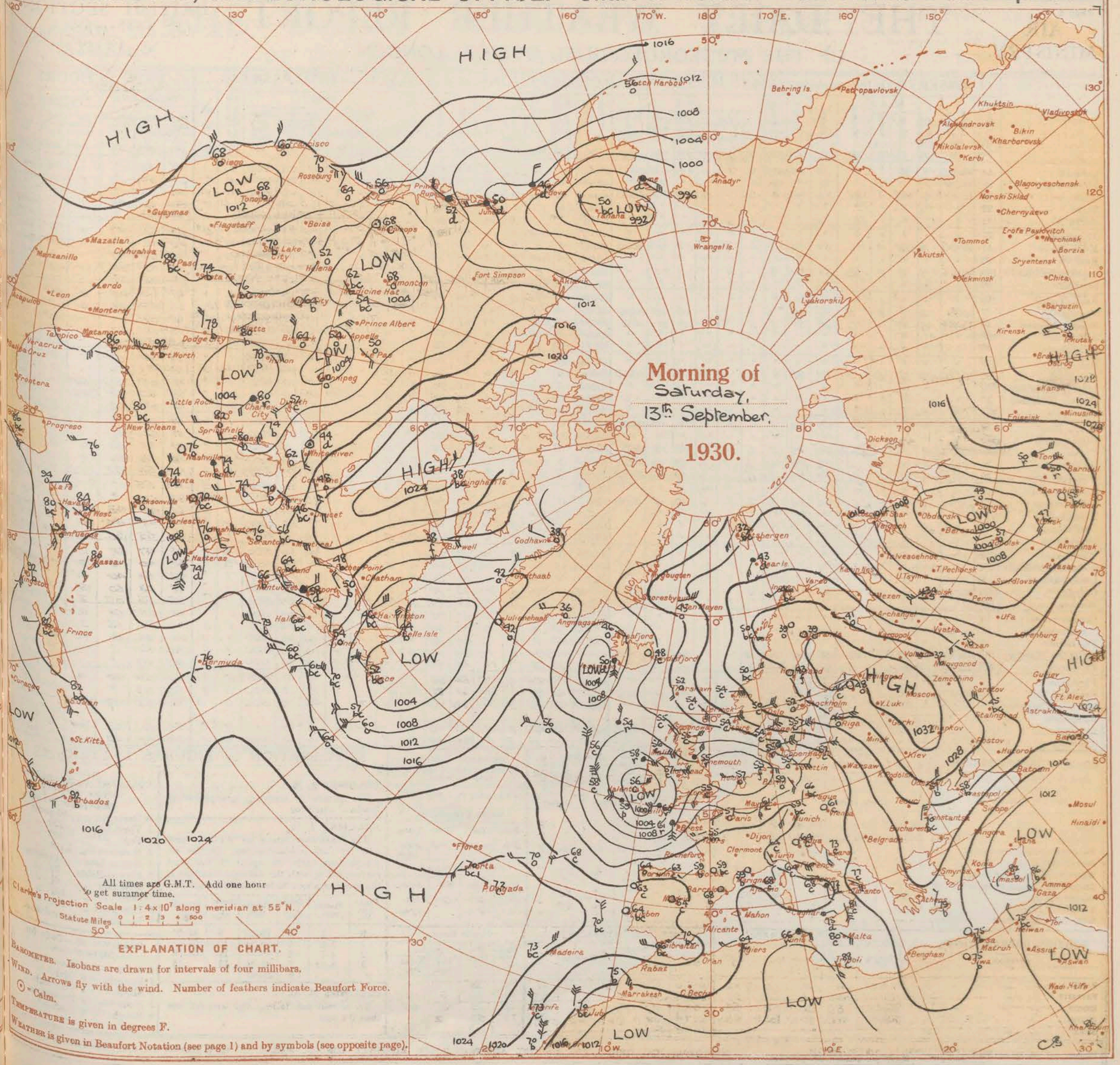
▼ South Cone Flying.

▲ North Cone Flying.

Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

13th September 1930.

No. 25,132.

OBSERVATIONS at 1 hr. G.M.T. 13th September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1019.3	-8	SE	3	bc	53	95	8	8	7	-	4-6	4-6	1500
Stornoway	30	1012.6	-8	-	0	•	•	•	6	•	•	•	•	9+	•
Wick	81	1016.4	-6	SSE	4	bc	54	95	8	5	-	9	2.3	2.3	4000
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1010.0	-16	ENE	4	c	57	95	7	4	7	-	2.3	9+	4000
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1014.5	-8	E	2	bc	53	96	8	-	4	-	0	2.3	-
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1012.1	-10	ENE	2	o	56	96	7	6	-	-	10	10	1500
Blacksod Point	10	1005.7	-18	SE	4	c	59	85	7	5	-	-	9	9	450
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1010.1	-10	E	5	o	57	85	5	5	-	-	10	10	1500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1008.7	-6	E'N	4	c	57	95	7	6 (3)	2	-	4-6	10	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1009.4	-2	N	1	d₀d₀	56	95	5	6	-	-	10	10	450
Gorleston	14	1008.0	-8	NE	2	o	58	95	6	6	-	-	10	10	2500
Valentia Obs.†	30	1003.2	-34	SE	5	rr	56	95	6	5	-	-	10	10	2500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1009.4	-8	SSE	2	c	60	95	6	8	-	-	10	10	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1010.1	-4	WS	2	id₀	56	95	5	5	-	-	10	10	450
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1009.5	-24	S	3	ir₀	58	95	6	6	-	-	9+	9+	2500
Falmouth	200	1011.0	-10	SWS	3	o	58	95	6	5	-	-	10	10	1500
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1010.7	-6	E'S	3	c	60	85	6	4	-	-	9+	9+	1600
Calshot, S'hampton	8	1010.9	-4	NWW	2	c	65	95	7	-	-	7	0	9	-
Dungeness	20														
Lympne	347	1009.7	+2	NWW	3	o	55	95	5	5	-	-	10	10	800
Guernsey	173	1012.4	-6	-	0	m	58	95	4	5	-	-	9	9	2500

OBSERVATIONS at 7 hr. G.M.T. 13th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1018.0	-6	SE	3	c	54	85	8	5	3	9	2.3	7-8	1500	0	*
Stornoway	1011.5	-2	SE	1	c	55	85	7 8	5	4	-	9	9+	4000	0	2
Wick	1014.0	-10	SSE	3	bc	55	9 55	8	5	-	8	2.3	4-6	2500	0	3
Tiree	1009.8	-6	E'S	3	bc	56	75	8	-	3	9	0	2.3	-	0	2
Nairn	1011.8	•	-	0	bc	48	85	7	2	8	-	2.3	4-6	4000		*
Aberdeen	1012.7	-10	ENE	3	c	55	95	6	8	3	1	4-6	7-8	2500	1	3
Malin Head	1007.3	-8	E	5	c	56	95	7	6	7	3	Tr.	9+	2500	0	2
Renfrew	1010.6	-14	ENE	3	z	55	95	5	5	-	-	10	10	800	1	*
Inchkeith (Edin.)	1011.3	-12	E	4	c	55	95	8	5	-	-	9+	9+	800	0 1	2
Leuchars	1011.7	-16	ENE	3	c	55	95	7	5	3	-	9	9+	4000	1	*
Eskdalemuir	1009.6	-14	NEE	4	c	52	85	8	5	2	-	9	10	1500	1	*
Tynemouth	1009.2	-14	NE	3	rr	55	95	6	6	-	-	10	10	1500	1	3
Blacksod Point	1003.4	-6	ESE	4	rr	58	85	7	6	-	-	10	10	220	1	4
Aldergrove	1006.6	-14	ENE	3	c	54	85	7	5	7	-	4-6	9+	4000	1	*
Donaghadee	1007.1	-12	E	3	c	56	85	7	6	-	-	9	9	1500	0	2
Birr Castle	1001.0	-20	S	1	rr	57	95	7	6	-	-	10	10	2500	1	*
Holyhead	1006.1	-18	E	5	c	57	85	6	5	-	-	9+	9+	5700	1	2
Liverpool (Bidston)	1006.9	-12	E'N	2	f+	55	95	3	5	-	-	10	10	800	1	*
Chester (Sealand)	~~1007.5~~ 1008.5	-16	S	1	f	54	95	3	5	-	-	10	10	450	0	*
Harrogate	1007.7	-6	NNE	1	rF	54	95	1	6	-	-	10	10	4150	1	*
Spurn Head	1007.2	-4	E	3	id	57	95	7	6	2	-	7-8	10	4000	1	4
Birmingham	1007.9	-12	SSW	1	f	53	95	3	5	-	-	10	10	800	1	*
Cranwell	1007.2	-10	NE'N	1	d/d	56	95	5	6	-	-	10	10	450	1	*
Gorleston	1007.3	0	WNW	1	r₀r₀	57	95	6	6	-	-	10	10	800	1	2
Valentia Obs.†	996.6	-12	ENE	3	d/r	56	95	8	5	-	-	9+	9+	800	1	3
Roches Point	~~[illegible]~~ 993.0	? 44	SW	3	c	59	96	7	3	-	-	9	9	1500	1	3 5
Pembroke	1002.2	-18	SE	4	iR	58	95	5	3	-	-	10	10	800	1	2
Ross-on-Wye	1007.4	-16	ENE	2	f-	50	96	3	5	7	-	2.3	9+	800	1	*
Leafield	1008.1	-10	S	2	f	50	95	2	5	-	-	7-8	7-8	4000	0	*
Cardington	1008.3	-8	W	2	o	56	95	6	5	-	-	10	10	800	1	*
Winchester	1008.5	-22	-	0	m	51	95	4	5	-	-	10	10	800	0	*
S. Farnborough	1009.0	-12	S	1	m	62	96	4	5	-	-	9	9	4000	0	*
London (Kew)	1009.0	-6	SW'S	2	c	65	85	5	-	7	8	0	7-8	-	1	*
Croydon	1009.8	-4	SSW	2	z	53	95	5	5	7	-	2.3	7-8	2500	1	*
Manston	1009.0	+4	W	3	z	56	95	6	5	3	-	4-6	9+	1500	1	
Shoeburyness	1009.0	0	WSW	3	c	57	95	6	5	-	-	9+	9+	1600	1	*
Clacton-on-Sea	1008.6	0	W	4	c	57	95	7	6	-	-	7-8	7-8	450	1	2
Felixstowe	1008.4	+2	W	2	o	57	95	6	5	-	-	10	10	800	1	1
Scilly (St. Mary's)	1001.0	-14	WSW	5	rr	60	95	5	6	-	-	10	10	2500	1	4
Falmouth	1003.4	-30	S	7	rr	58	95	6	6	-	-	10	10	1500	2	4
Plymouth	1005.2	-28	SSE	5	rr	56	95	5	6	-	-	10	10	220	2	3
Portland Bill	1007.2	-16	SW	4	pr	61	85	6	5	-	-	10	10	1500	1	3
Calshot, S'hampton	1008.9	-12	SE	3	c	60	95	6	5	7	-	4-6	10	1500	0	0
Dungeness																
Lympne	1009.7	0	W'N	2	c/f	52	95	5	-	7	-	0	9+	-	1	*
Guernsey	1009.2	-20	S	3	z	60	95	6	5	-	-	10	10	2500	0	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 12th Hrs. (36)
Lerwick	58	53	*	-	0.4	~~2.6~~ 2.7
Stornoway	59	54	*	2	-	0.2
Wick	57	54	*	-	-	*
Tiree	~~58~~ 59	52	48	1	-	0.0
Nairn	62	44	*	-	-	2.5
Aberdeen	59	53	47	Tr.	-	2.4
Malin Head	60	55	*	-	-	3.4
Renfrew	60	52	47	-	-	0.0
Inchkeith (Edin.)	57 9	52	50	-	Tr.	0.2
Leuchars	60	53	51	-	1	0.2
Eskdalemuir	57	50	45	Tr.	0.2	0.0
Tynemouth	60	55	54	0.1	2 1	•
Blacksod Point	62	57	•	-	~~0.3~~	0.2
Aldergrove	62	54	52	Tr	Tr.	•
Donaghadee	59	54	•	-		
Birr Castle	66	56	53	-	3	2.6
Holyhead	63	57	54	-	-	5.0
Liverpool (Bidston)	62	54	51	0.2	-	0.2
Chester (Sealand)	64	49	42	0.5	-	0.0
Harrogate	59	54	53	0.4	7	0.1
Spurn Head	59	56	*	3	9	0.0
Birmingham	62	52	51	-	-	0.2
Cranwell	59	55	55	Tr.	3	0.0
Gorleston	59	56	56	4	1	0.0
Valentia Obs.†	63	54	52	-	7	2.4
Roches Point	63	55	*	-	26	•
Pembroke	65	57	*	-	1	7.8
Ross-on-Wye	61	47	43	-	-	0.1
Leafield	63	48	44	Tr.	-	0.7
Cardington	59	55	55	0.2	0.2	0.0
Winchester	63	47	42	Tr.	-	0.6
S. Farnborough	62	49	42	Tr.	-	0.0
London (Kew)	62	54	49	Tr.	-	0.2
Croydon	62	53	50	Tr.	Tr.	0.0
Manston	60	55	55	2	Tr.	0.0
Shoeburyness	60	55	54	Tr.	Tr.	0.0
Clacton-on-Sea	60	56	55	3	-	0.0
Felixstowe	59	56	56	0.2	0.2	0.0
Scilly (St. Mary's)	64	56	*	-	3	7.5
Falmouth	67	57	*	-	3	8.1
Plymouth	66	56	49	Tr.	3	6.2
Portland Bill	67	58	*	-	0.5	*
Calshot, S'hampton	66	53	48	-	-	3.5
Dungeness						*
Lympne	59	51	50	0.4	Tr.	0.0
Guernsey	65	57	53	-	-	5.6

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Stations	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	z₀bcz₀	cod₀rn₀	om₀cm₀	62	54	49	Tr.	-	0.2	•	•	6
Croydon	244	od₀m₀	copr,d,d,m	cd,d,m₀	62	53	50	Tr.	Tr.	0.0	•	•	6
Greenwich (Royal Observatory)	149	c	cd	cdc	62	53	48	Tr.	Tr.	0.0	80	85	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.1	•	•	•
Westminster (St. James' Park)	27	•	•	•	63	55	54	-	-	0.1	76	87	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0.2	•	•	•
Camden Square	110	oc	cor	•	61	55	•	0.3	-	•	•	88	•
Kensington Palace	80	co	cd₀c	•	63	54	48	Tr.	-	•	At 18h. 99	89	•
Hampstead Observatory	450	oor	od	•	60	50	50	1	0.1	0.3	•	91	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 13th

South Kensington Max.	Time.	Min.	Time.
0.6	9h 12th	<0.3	24h 12th

Kew Observatory Max.	Time.	Min.	Time.
0.1	20h 12th	<0.1	15h 12th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 12th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 13th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1009.8	W	4	c	63	1014.6	WSW	1	c	57	70	55	-	-
Brussels	1006.7	NNE	1	r₀r₀	57	1010.4	W	3	c	57	61	55	6	6
Berlin	1013.3	E	5	c	57	1009.7	SSE	2	o	59	64	55	Tr.	0.2
Zürich	1011.8	NW	2	bc	63	1017.4	SW	1	c	59	73	59	2	-
Rome						1016.2	ESE	1	c	68		63		.15

EXPLANATION of FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6¼ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

14th September 1930.

No. 25133

OBSERVATIONS at 13h. G.M.T. 13th September

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	1016.6	-6	SE	3	c	55	85	8	5	2	-	4-6	9+	1500
Stornoway	1010.8	-4	ESE	2	bc	62	65	8	1	1	-	1	2-3	4000
Wick	1012.5	-6	SE	4	c	55	95	7	5x	1	-	7-8	9+	2500
Tiree	1009.1	-2	NE'N	3	c	60	~~65~~ 75	9	4	3	6	Tr	7-8	—
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1011.5	-4	E	4	ir₀	55	85	6	6	-	-	10	10	1500
Malin Head	1007.1	0	E	4	c	58	85	6	1	9	9	1	7-8	1500
Renfrew	1008.3	-10	NE	3	id₀	55	95	6	6	-	-	10	10	800
Inchkeith (Edin.)	1008.7	-8	E	4	0	55	95	8	5	-	-	10	10	800
Leuchars	1009.5	-12	NE	3	d₀d₀	55	95	6	6	2	-	9+	10	220
Eskdalemuir	1006.6	-16	ENE	4	dd	54	95	7	6	-	-	10	10	800
Tynemouth	1006.8	-8	E	3	c/r	57	85	7	6	-	-	9	9	1500
Blacksod Point	1006.0	+20	NE	4	ir	58	85	7	6	-	-	10	10	220
Aldergrove	1005.1	-6	NE'N	3	ir₀	55	95	6	6	2	-	9	10	800
Donaghadee	1004.4	-10	E	3	id₀	57	85	7	5	-	-	9	9	800
Birr Castle	1000.4	+6	S	1	0	57	95	7	6	-	-	10	10	2500
Holyhead	1002.3	-22	E'N	5	rr	56	95	6	6	2	-	9	10	4000
Liverpool (Bidston)	1003.0	-12	E'N	3	rr	57	95	4	6	-	-	10	10	800
Chester (Sealand)	1003.9	-18	E'S	3	ir₀	58	95	5	6	-	-	10	10	1500
Harrogate	1005.4	-14	E	2	rr	55	95	4	6	-	-	10	10	<150
Spurn Head	1005.1	-4	E'S	3	id₀	58	95	7	6	2	-	4-6	10	4000
Birmingham	1003.3	-20	SE	3	r₀r₀	57	92	5	6	-	-	10	10	2500
Cranwell	1004.7	-16	SSE	2	c	61	85	6	5	2	-	4-6	10	800
Gorleston	1005.9	-8	SW	2	c	62	95	6	2	-	-	7-8	7-8	2500
Valentia Obs.	1001.4	+36	N	6	c/p	59	85	7	9	2	1	7-8	9	800
Roches Point	995.6	+2	NW	3	c	63	85	8	3	-	-	7-8	7-8	1500
Pembroke	998.0	0	SW	4	c/pr	60	85	7	3	7	2	4-6	9+	1500
Ross-on-Wye	1001.3	-32	ESE	3	rr	57	95	5	6	-	-	10	10	1500
Leafield	1002.7	-30	SE'S	4	RR	55	95	6	6	2	-	9	10	450
Cardington	1005.2	-16	S'E	1	rr	60	95	5	6	-	-	10	10	800
Winchester	1002.7	-34	SSE	4	rr	57	95	5	6	-	-	10	10	220
S. Farnborough	1004.0	-16	SE	3	rr	58	95	6	6	-	-	10	10	450
London (Kew)	1005.0	-24	S	2	rr	60	95	5	6	2	-	7-8	10	1500
Croydon	1005.7	-36	S	4	ir₀	60	85	5	6	2	-	7-8	10	800
Manston	1006.3	-22	SSW	4	c	64	75	6	5	7	-	4-6	10	1500
Shoeburyness	1005.9	-20	SSW	4	c	64	65	6	5	2	-	2-3	9+	1500
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1006.5	-14	S	2	c	64	85	7	7	5	-	2-3	9+	2500
Scilly (St. Mary's)	1001.7	-6	WSW	6	pr	60	95	6	6	-	-	9	9	2500
Falmouth	1002.9	0	WSW	6	pr	61	85	7	3	8	-	4-6	7-8	4000
Plymouth	1001.9	+6	W	6	c/p	61	75	8	9	-	-	9+	9+	1500
Portland Bill	1000.8	-24	WSW	5	c/r	62	95	8	3	6	-	4-6	7-8	1500
Calshot, S'hampton	1002.8	-42	SSE	6	ir₀	60	95	5	6	-	-	10	10	800
Dungeness														
Lympne	1006.5	-22	SSW	4	3	61	85	6	5	-	-	10	10	1500
Guernsey	1004.9	-8	WSW	4	c	63	85	6	8	-	-	7-8	7-8	2500

OBSERVATIONS at 18h. G.M.T. 13th September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1015.5	-10	E	3	bc	53	85	8	5	7	9	2-3	4-6	1500	0	*
Stornoway	1010.9	+8	E'N	2	bc	55	85	8	5	8	4	4-6	4-6	4000	0	2
Wick	1012.8	+2	SE	4	c	53	95	8	6	2	-	4-6	7-8	1500	1	3
Tiree	1009.2	+4	NNE	3	c	57	85	8	5	3	8	7-8	9+	5700	0	1
Nairn	1010.8	*	ESE	2	c	54	75	8	8	9	-	4-6	7-8	2500	0	*
Aberdeen	1011.0	-2	E	4	c	54	85	7	6	7	-	4-6	9+	1500	1	3
Malin Head	1008.2	+10	NE	4	c	57	95	8	4	-	-	9+	9+	2500	0	2
Renfrew	1008.4	+2	NE	4	ir₀	54	95	4	6	2	-	7-8	10	450	1	*
Inchkeith (Edin.)	1009.5	+4	E	4	0	55	95	7	5	-	-	10	10	800	1	
Leuchars	1009.5	0	NE	3	ir₀	54	85	7	6	7	-	7-8	10	1500	1	*
Eskdalemuir	1007.2	+6	NE'E	4	ir₀	52	85	7	6	7	-	9	9+	1500	1	*
Tynemouth	1006.0	-6	NNE	3	c	55	95	7	6	-	-	7-8	7-8	1500	1	4
Blacksod Point	1009.0	+18	NE	4	c	59	85	7	5	5	-	2-3	7-8	450	0	4
Aldergrove	1006.3	+10	N'E	3	ir₀	56	95	7	6	2	-	7-8	10	1500	81	*
Donaghadee	1005.3	+6	E'N	2	id₀	56	95	7	5	-	-	10	10	800	1	2
Birr Castle	1005.3	+22	SE	1	0	57	85	7	6	-	-	10	10	2500	1	*
Holyhead	1003.0	+12	NE'E	5	ir₀	57	95	6	5	1	-	9+	10	800	1	2
Liverpool (Bidston)	1002.1	-2	NE'E	3	rr	56	95	4	6	-	-	10	10	800	1	*
Chester (Sealand)	1002.7	-4	ENE	3	ir₀	57	95	5	6	-	-	10	10	1500	1	*
Harrogate	1004.2	-10	E	2	d₀d₀	54	95	4	6	6	-	10	10	<150	1	*
Spurn Head	1002.7	-6	E	3	r	57	95	7	6	2	-	7-8	10	4000	1	3
Birmingham	1005.8	-8	ENE	3	rr	55	95	4	6	-	-	10	10	1500	1	*
Cranwell	1001.9	-16	E'N	2	r₀r₀	57	95	4	6	-	-	10	10	450	1	*
Gorleston	1003.4	-14	S	4	rr	59	95	6	6	-	-	10	10	1500	1	3
Valentia Obs.	1009.3	+46	NNW	4	bc	59	85	8	9	3	-	2-3	2-3	1500	1	3
Roches Point	1002.9	+58	N	5	ir₀	58	85	7	6	-	-	10	10	1500	0	3
Pembroke	999.6	+4	SW	2	c	60	85	7	3	7	9	4-6	7-8	1500	1	2
Ross-on-Wye	1000.1	-4	WSW	1	c	59	95	8	9	2	-	9	9+	2500	1	*
Leafield	999.9	-10	SW'W	3	bc	58	95	9	9	9	3	2-3	4-6	1500	1	*
Cardington	1000.8	-22	SE	3	id₀	58	95	6	6	-	-	10	10	800	1	*
Winchester	1001.3	+8	SW	3	c	58	95	8	8	-	-	9	9	2500	1	*
S. Farnborough	1001.2	-2	SSW	3	c/pr₀	60	85	7	9	3	-	7-8	9	800	1	*
London (Kew)	1001.0	-10	SW'S	3	pr	61	85	8	9	7	-	4-6	7-8	1500	1	*
Croydon	1001.9	-10	SSW	4	3	61	85	6	5	3	9	4-6	7-8	800	1	*
Manston	1001.6	-34	SSW	4	bc/r	60	95	7	5	4	-	4-6	4-6	800	1	*
Shoeburyness	1001.3	-40	SSW	4	bc	61	95	7	5	7	-	2-3	4-6	2500	1	*
Clacton-on-Sea	1002.3	-34	SSE	6	rr	60	95	6	6	-	-	10	10	<150	1	4
Felixstowe	1001.9	-34	SSE	5	rr	60	95	5	6	-	-	10	10	450	1	4
Scilly (St. Mary's)	1001.2	0	W	6	pr	58	95	6	8	-	-	9	9	2500	1	4
Falmouth	1001.9	0	WSW	4	rr	59	95	6	9	-	-	7-8	7-8	2800	1	2
Plymouth	1001.2	-6	W	4	c/p	59	85	7	6	3	-	7-8	7-8	1500	2	3
Portland Bill	1001.2	+4	SW	5	c	60	85	7	6	8	-	4-6	7-8	1500	1	4
Calshot, S'hampton	1002.1	+4	SW	4	c	60	75	78	8	4	-	7-8	9	1500	0	3
Dungeness																
Lympne	1002.4	-16	SW'W	4	bc/f	58	95	7	5	8	-	2-3	4-6	1500	1	*
Guernsey	1004.8	-2	WSW	4	o/d	60	85	6	5	-	-	10	10	2500	1	4

PAST 24 HOURS.

STATIONS.	Weather 7h.—13h. 13th (37)	Weather 13h.—18h. 13th (38)	Weather 18h.—1h. 13th to 14th (39)	Weather 1h.—7h. 14th (40)
Lerwick	c	cbc	bc	bcc
Stornoway	bc	bcc	bcc	c
Wick	prₒc	crₒrc	bcc	c
Tiree	bcc	c	c	cw
Nairn	bcprₒ	bcc	c	prc
Aberdeen	coir	oirₒc	coir	orrmₒ
Malin Head	czₒzₒ	cg	cmₒdₒ	cbc
Renfrew	cmₒdₒ	crₒrₒmₒ	crₒrₒmₒ	cv
Inchkeith (Edin.)	coirₒ	orr	ocirₒrₒ	c
Leuchars	ccrₒdₒmₒ	cdₒdₒrₒrₒ	crₒrₒ	cv
Eskdalemuir	ccdₒd	eddrₒ	cerrc	cv
Tynemouth	oir	c	coirₒ	oirₒ
Blacksod Point	ir	c	bc	prc
Aldergrove	cirₒ	cdₒdₒcdₒrₒ	crrₒrₒ	crₒₒc
Donaghadee	cidₒ	oidₒ	oirₒc	c
Birr Castle	orro	orₒo	oc	crₒbc
Holyhead	rₒrrₒrₒ	rrcmₒ	irₒmₒ	irₒc
Liverpool (Bidston)	fcmrr	orrm	oₒo	ocr
Chester (Sealand)	omcirₒrmₒ	orrmₒ	orrmₒc	c
Harrogate	ofmrr	orₒrrdₒ	omrr	c
Spurn Head	oddc	cpdₒ	orroc	crcpd
Birmingham	fcr	edrrm	orrir	oirₒe
Cranwell	dₒomc	omₒrrm	orₒrₒRRm	orrmc
Gorleston	orₒc	corr	orₒrₒc	bclorr
Valentia Obs.	cpₒc	cpₒbc	bccpₒ	bccpₒ
Roches Point	cpₒc	coirₒ	oirₒbcb	bbc
Pembroke	orrcp	cpₒ	bcorₒ	orₒrc
Ross-on-Wye	ofdmiR	Rcbcc	codmr	oporₒ
Leafield	cmorₒRR	oirbc	bcirₒo	oro
Cardington	ocprRmₒ	orrRrd	dₒbcc	orroir
Winchester	omrrmₒ	orrcrₒ	cbc	bcc
S. Farnborough	cmorₒrₒrr	orrdₒdₒfₒ	cb-c	cpₒo
London (Kew)	cipczcrmₒ	edₒmₒbcp	cpbcpₒ	bccir
Croydon	cimₒrₒrₒ	cRRdₒdₒbcmₒ	bccb	borₒrₒ
Manston	cmₒ	crgmₒr	cbc	bccdₒdₒ
Shoeburyness	c	orr	bc	cirₒ
Clacton-on-Sea	c	coRr	orcbc	bcco
Felixstowe	bcmₒc	oRRorrq	orcmₒ	cmₒ
Scilly (St. Mary's)	orrcp	cp	cpc	cbc
Falmouth	oimrbcpq	bcrrq	cirrq	ocq
Plymouth	orrₒqbc	bccrmₒ	crₒ	crₒmₒ
Portland Bill	rr	cprc	cbc	bccz
Calshot, S'hampton	corₒirₒRRcpₒ	crₒrₒmₒbc	crₒbcb	bbcc
Dungeness				
Lympne	cmₒ	orrmₒfddfc	bcomₒbp	obbcomfₒ
Guernsey	ozrrc	cbcod	oiRo	iRor

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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, lust naze; the turbid atmosphere of dry weather.

h(r), "hail" or "rain and hail."

Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus, R, heavy rain. rₒ, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☽, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

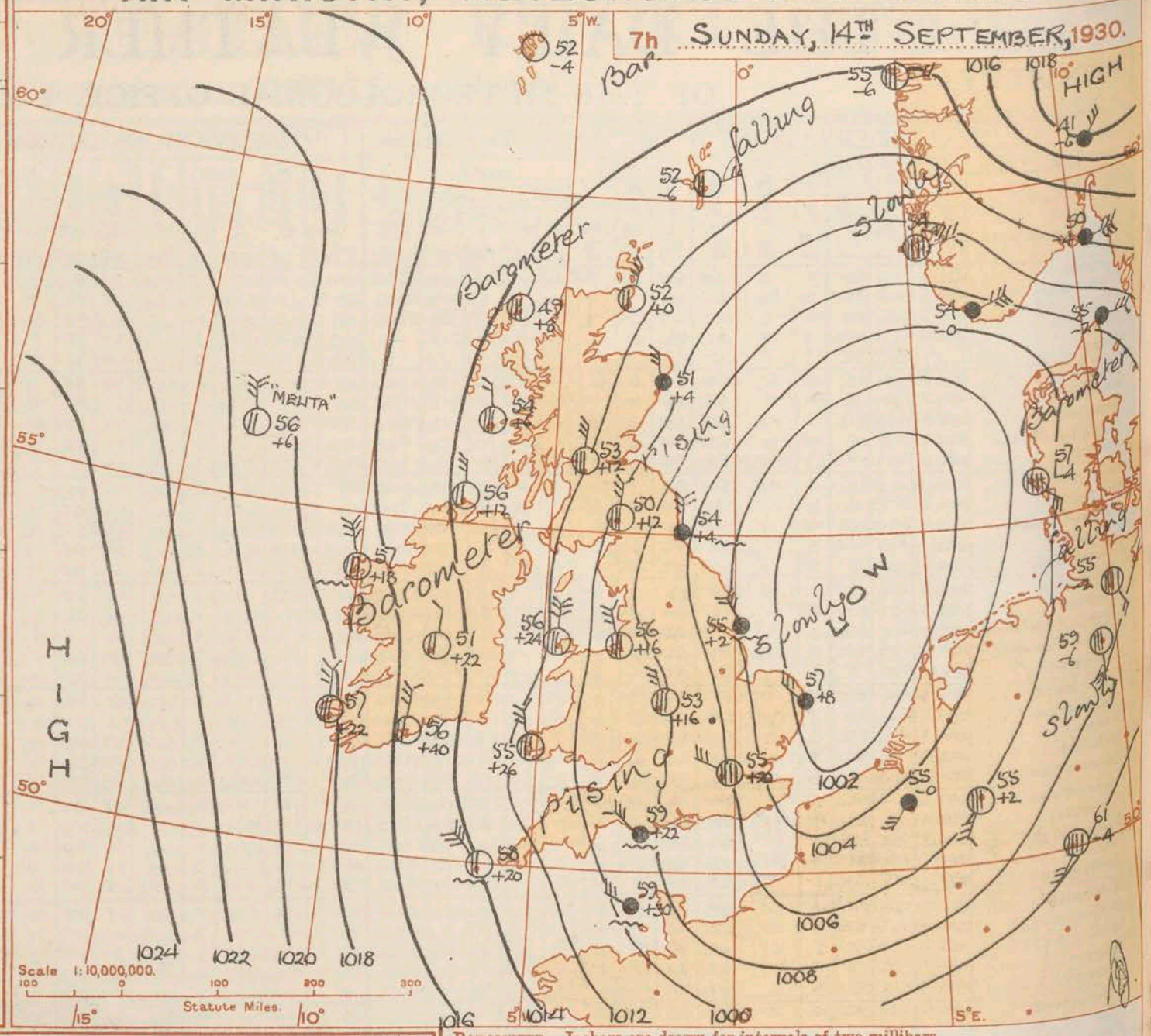
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for ..... 13th. September. 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 12th. to 9h. 13th.	Temperature. Max. 9h.—17h. 13th.	Rainfall. Night. 17h. 12th. to 9h. 13th.	Rainfall. Day. 9h.—17h. 13th.	Sunshine. Sunrise to 17h. 13th.	Sunshine. Sunrise to Sunset. 12th.
Dunbar ...	omo	o	52	56	1	3	0.0	2.5
Berwick-on-T. ...	ro o	o	53	60	2	4	0.0	1.6
Douglas	coidc	coidc	55	59	0.3	Trace	0.0	4.0
Llandudno ...	cr.	r	53	59	–	11	0.1	0.5
Colwyn Bay ...	orr	orr	50	59	–	10	0.0	0.1
Rhyl	cmor	rcm	51	60	–	7	0.4	0.1
Wallasey ...	3bcrr	rr	53	60	–	7	0.2	0.6
Southport . ‖	or	or	53	61	Trace	5	0.0	1.0
Blackpool ...	co	coro	53	61	0.2	3	0.0	0.8
Morecambe ...	c	ctcc	55	61	–	–	0.1	1.1
Ilkley	a	a	54	56	1	3	0.0	0.3
Cleethorpes ...	ora	or	56	59	11	Trace	0.0	0.0
Mablethorpe ...	oirmo	oirmo	57	62	7	8	0.0	0.0
Skegness... ...	oro	obor	56	62	3	3	0.0	0.0
Aberystwyth ...	c3orr	crc	55	61	2	2	0.1	2.7
Bath	rc	rcbcr	49	63	1	5	0.6	0.7
Cheltenham .†	3orr	cir	48	62	Trace	6	0.4	0.0
Leamington Spa	cor	or	52	60	–	15	0.4	0.3
Lowestoft ...	oidc	bcror	56	65	1	5	1.5	0.0
Dovercourt ...	doc	roc	56	64	1	14	0.0	0.0
Maldon	mc	or	56	66	–	10	0.3	0.0
Southend ...	oc	or	56	67	Trace	8	0.6	0.0
Ilfracombe ...	opc	bcc	58	63	3	2	2.1	6.5
Bude	dcrq	corro	54	60	1	2	1.6	6.4
St. Ives	c	o	55	63	14	–	4.2	7.0
Penzance ...	bcirb	bcirc	57	64	4	2	4.1	5.5
Torquay	orrforr	bcorrdp	57	64	3	5	3.2	4.5
Jersey	rc	cbcc	56	65	1	3	2.7	3.7
Weymouth ...	cdrrdc	cbc	57	65	1	7	1.9	5.8
Bournemouth ...	oror	rbc	52	64	–	10	3.0	6.9
Ventnor	orrro	ober	58	62	–	5	1.3	6.0
Southsea ...	or	orbc	55	63	Trace	6	1.3	2.6
Bognor Regis ...	orrro	rocbc	52	64	–	9	1.2	0.2
Littlehampton ...	cer	crcbc	49	63	–	9	1.2	0.4
Worthing ...	oR	rocbc	51	63	–	8	0.9	0.4
Brighton... ...	oco	rcbc	53	63	–	9	0.7	1.0
Eastbourne .†	oco	orrqoc	54	64	–	10	0.3	0.3
Hastings †	mcbccc	orroc	51	64	0.1	7	0.1	0.5
Folkestone ..	womc	corm	53	67	–	7	0.5	0.0
Dover	oidbc	bcor	55	65	Trace	6	1.5	0.0
Deal	oc	or	56	65	–	7	0.7	0.0
Tunbridge Wells	oco	oro	51	62	1	6	0.2	0.1
Ramsgate ...	c	cor	51	60	–	3	0.9	0.0
Margate	cbc	cdr	57	67	0.4	4	0.8	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
SEA DISTURBANCE. ∼ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

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

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th. Sept. 1930.

ALL DISTRICTS.

Northerly or northwesterly winds, moderate or fresh stronger locally at times at first; cloudy or variable sky, local rain or showers associated with thunder; rather cool or moderate temperature,

GENERAL INFERENCE.

A depression over the North Sea is moving eastward and in its rear pressure is rising decidedly over the British Isles. Local rain or showers associated with thunder will occur in most districts but there will be bright periods. The main wind current will be northerly and temperature moderate.

FURTHER OUTLOOK.

None issued.

S.C.R.

Forecasts issued at 1015 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

14th September 1930.

No. 25133

OBSERVATIONS at 1 hr. G.M.T. 14th September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1013.9	-6	E'N	3	bc	52	85	8	4	6	9	1	2-3	2500
Stornoway	30	1011.9	+4	ESE	3	c	55	85	7	5	–	–	9+	9+	4000
Wick	81	1012.3	-4	NE	3	c	54	95 (8)	~~5~~ 8	5	–	8	7-8	9	7200
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1011.6	+14	N	2	c/d	55	95	7	5	–	–	9+	9+	2500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1009.8	+6	NE	5	c	51	95	8	5	2	–	2-3	9	2500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1005.3	0	N	4	ir₀	55	95	7	6	–	–	10	10	1500
Blacksod Point	10	1014.3	+20	W	2	c	55	95	7	(7)	–	–	7-8	7-8	450
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1007.1	+20	NNE	5	ir₀	57	85	6	5	–	–	10	10	2500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1001.6	-2	NNE	4	c	56	95	7	6	1	–	7-8	10	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1002.4	+6	NNW	4	rr	54	95	4	6	–	–	10	10	450
Gorleston	14	1000.3	0	SW	3	c	57	95	6	2	2	–	4-6	7-8	2500
Valentia Obs.+	30	1014.1	+14	WNW	4	r	57	95	8	5	–	–	10	10	2500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1005.9	+12	NNW	4	c	58	95	5	3	–	–	10	10	800
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1002.1	-2	SW	3	b	53	95	7	–	–	1	–	1	–
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1009.5	+32	NW	6	c	59	95	7	8	–	–	9	9	4000
Falmouth	200	1008.3	+34	NW'N	4	o	58	95	7	5	–	–	10	10	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1003.4	+16	NW	4	bc	59	85	8	4	4	–	2-3	4-6	2500
Calshot, S'hampton	8	1002.6	+6	W	2	b	54	95	8	–	–	–	0	0	–
Dungeness	20														
Lympne	347	1002.2	-6	SW'W	2	o/pr	55	95	6	5	–	–	10	10	450
Guernsey	173	1004.7	+10	WNW	2	o/r	59	95	7	5	–	–	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 14th September — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Temp. Max. Day 7h-18h °F. (31)	Temp. Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 13th Hrs. (36)
Lerwick	1012.6	-6	ENE	2	c	51	95	8	4	6	9	4-6	7-8	2500	0	•	55	50	•	–	–	0.1
Stornoway	1013.3	+8	NNE	1	c	49	95	8	4	6	1	4-6	7-8	4000	0	1	63	48	•	–	–	9.7
Wick	1012.5	0	NNE	3	c	52	95	8	8	7	2	4-6	7-8	2500	0	3	56	50	•	1	–	•
Tiree	1012.8	+6	NNW	2	c	54	95	8	4	3	8	Tr	7-8	4000	1	1	61	48	38	–	–	6.5
Nairn	1012.9	•	–	0	c/pr	52	85	7	3	–	–	7-8	7-8	1500	1	•	59	48	•	Tr	1	3.6
Aberdeen	1010.8	+4	N'W	3	r₀r₀	51	95	6	6	–	–	10	10	1500	1	3	56	50	49	1	4	0.0
Malin Head	1013.3	+12	N'W	3	bc	56	95	7	2	8	9	1	4-6	1500	0	2	59	53	•	–	0.3	1.7
Renfrew	1011.6	+12	N	3	c	53	75	9	5	4	–	4-6	7-8	4000	1	•	57	48	42	1	1	0.0
Inchkeith (Edin.)	1011.1	+12	NNW	3	c	52	85	8	–	2	–	–	9+	–	0	1	56	50	50	5	2	0.0
Leuchars	1010.6	+6	NNW	2	c	52	85	9	4	3	–	7-8	9	2500	2	•	57	50	48	2	2	0.0
Eskdalemuir	1009.7	+12	N	4	c	50	85	9	7	4	2	7-8	9	1500	1	•	54	48	46	4	0.2	0.0
Tynemouth	1005.7	+4	N	5	ir₀	54	92	6	6	–	–	10	10	1500	1	4	57	54	53	6	1	•
Blacksod Point	1017.0	+18	NW	6	c	57	85	7	3	–	–	10	10	450	0	4	59	55	•	~~0.3~~	Tr	•
Aldergrove	1013.5	+12	NW'N	2	c	53	95	8	5	–	8	9	9+	800	1	•	57	51	49	0.3	1	0.0
Donaghadee	1012.4	+16	N'E	2	c	54	95	7	5	–	–	7-8	7-8	1500	0	1	58	53	•	1	3	•
Birr Castle	1015.1	+22	SE	1	bc	51	95	8	4	–	1	2-3	4-6	4000	1	•	59	50	47	13	Tr	0.0
Holyhead	1011.1	+24	N	6	c	56	85	8	5	3	–	9	9+	1500	1	3	58	56	53	6	1	0.0
Liverpool (Bidston)	1008.7	+16	NW	4	c	56	75	9	9	–	–	9+	9+	1500	0	•	59	54	52	7	0.6	0.0
Chester (Sealand)	1008.8	+20	NNW	3	c	56	85	8	5	7	–	7-8	10	2500	0	•	59	55	52	12	3	0.0
Harrogate	1006.3	+14	NNW	3	c	53	85	8	6	2	–	9	10	2500	1	•	55	52	51	5	3	0.0
Spurn Head	1002.2	+2	NNW	5	id	55	95	6	6	2	–	7-8	10	2500	1	5	58	55	•	5	4	0.0
Birmingham	1008.1	+2	NNW	3	o	53	95	7	5	–	–	10	10	4000	1	•	57	52	51	5	2	0.2
Cranwell	1005.0	+16	NW'W	4	o	53	95	7	6	–	–	10	10	450	1	•	62	53	52	4	20	0.6
Gorleston	1001.4	+8	NW	3	rr	57	95	6	6	–	–	10	10	800	1	2	65	56	55	5	9	1.4
Valentia Obs.+	1018.1	+22	NNW	4	c/pr	57	85	8	9	–	–	9	9	1500	1	3	60	56	53	Tr	0.1	0.8
Roches Point	1015.2	+40	N	4	bc	56	85	8	3	–	4	2-3	4-6	1500	0	2	63	55	•	0.1	0.2	•
Pembroke	1010.8	+26	NNW	4	c/r	55	95	7	3	7	9	4-6	9	800	1	2	62	54	•	9	1	2.0
Ross-on-Wye	1008.3	+20	NW	2	r₀r₀	54	95	8	6	2	–	9	10	2500	1	•	62	53	52	8	3	0.5
Leafield	1006.8	+20	NNW	4	c	52	95	7	6	2	–	2-3	10	800	1	•	59	51	46	12	1	0.6
Cardington	1005.4	+20	NW	3	ir₀	55	85	7	6	–	–	10	10	800	1	x	62	53	53	8	1	0.1
Winchester	1007.0	+32	NW'N	3	c	55	85	7	5	–	–	9+	9+	4000	1	•	63	51	47	9	–	0.1
S. Farnborough	1006.2	+30	NW	2	o	55	95	7	5	–	–	10	10	800	1	•	63	51	40	6	0.3	0.7
London (Kew)	1006.0	+36	WNW	3	o	55	85	7	6	–	–	10	10	1500	1	•	64	54	49	6	1	0.7
Croydon	1005.6	+50	WNW	3	o/r	54	95	6	6	–	–	10	10	800	1	•	63	53	48	7	0.6	1.2
Manston	1002.7	+10	SW'S	3	d₀d₀	55	95	5	5	–	–	10	10	220	0	•	67	50	44	3	0.1	0.8
Shoeburyness	1003.5	+14	NW	5	ir₀	56	95	7	5	2	–	7-8	9+	450	1	•	67	54	50	7	Tr	0.8
Clacton-on-Sea	1002.1	+6	W	3	c	57	95	7	6	2	–	4-6	10	800	1	2	64	55	51	11	0.4	0.5
Felixstowe	1002.8	+8	NW	2	pr	57	95	6	8	–	–	9+	9+	2500	1	1	65	55	53	15	0.5	1.2
Scilly (St. Mary's)	1014.4	+20	NW	6	bc	58	95	7	8	–	–	4-6	4-6	4000	0	4	62	57	•	1	Tr	5.5
Falmouth	1012.4	+26	NW	5	o	57	85	7	5	–	–	10	10	4000	0	2	63	57	•	2	2	4.8
Plymouth	1010.5	+26	NNW	4	ir₀	59	85	6	6	3	–	7-8	7-8	800	1	2	64	56	54	6	0.3	2.5
Portland Bill	1007.6	+22	NW	4	r₀r₀	59	85	6	4	–	–	9+	9+	1500	1	4	63	58	•	7	3	•
Calshot, S'hampton	1006.5	+16	NNW	5	ir₀	57	85	6	6	9	–	4-6	7-8	1600	1	2	64	53	49	6	1	1.5
Dungeness																			•			•
Lympne	1003.7	+12	W	3	df	54	95	2	5	–	–	10	10	1160	1	•	62	52	50	10	1	0.0
Guernsey	1009.1	+30	WNW	3	RR	59	95	5	6	–	–	10	10	1500	2	4	64	58	54	5	9	4.3

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations.

	Height above M.S.L. in feet	Weather: Morning (24 hrs. ended 9h.)	Weather: Afternoon	Weather: Night	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on Grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cipc₃rm₀	cd₀m₀bccp	cpbcr₀cir	64	54	49	6	1	0.7	•	•	6
Croydon	244	cm₀r₀r₀	cRRd₀d₀bcm₀	bcbor₀r₀	63	53	48	7	0.6	1.2	•	•	5
Greenwich (Royal Observatory)	149	c r c	rrd₀ c	cbcr₀c	65	63	45	7	1	0.7	95	87	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.1	•	•	•
Westminster (St. James' Park)	27	•	•	•	63	55	52	7		0.4	63	87	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	ocr	orc	•	63	54	•	8	1	•	•	90	•
Kensington Palace	80	bcomcor	corodrco	•	63	54	46	6	1	•	At 18h. 86	91	•
Hampstead Observatory	450	or	orod	•	60	51	48	8	1	0.2	•	94	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 14th

	Max.	Time.	Min.	Time.
South Kensington	0.6	9h 13th	<0.3	21h 13th to 6h 14th
Kew Observatory	0.1	8h 13th	<0.1	5h 14th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 13th September: Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 14th September: Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours: Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1008.5	NW	2	c	[illegible]	1007.7	SSW	3	pr	59	70	57	1	0.4
Brussels	1007.5	SSW	2	rr	61	1004.7	SSW	3	rr	54	64	54	1	8
Berlin						1011.5	SE	3	b	57		54		–
Zürich	1015.8	SE	1	3	63						70		–	
Rome						1015.7	NNE	2	c/p	64		64		–

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

+ 1 hr. observations are from Valentia W/T station

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

15th September 1930.

No. 25,134

OBSERVATIONS at 13h. G.M.T. 14th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1013.4	+6	N	3	c	54	85	8	5	2	-	4-6	7-8	2500
Stornoway	1016.3	+6	-	0	bc	58	75	9	3	6	1	2-3	4-6	2500
Wick	1014.0	+6	NW	3	c	56	75	8	2	4	1	4-6	7-8	2600
Tiree	1016.3	+10	NNW	4	bc	60	85	8	-	7	-	0	2-3	-
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1013.1	+12	NNW	4	c	55	75	8	2	3	-	7-8	9	2500
Malin Head	1016.8	+16	NNW	4	bc	59	95	7	1	8	-	2-3	2-3	1500
Renfrew	1013.9	+10	NW	3	c	63	55	9	1	-	-	7-8	7-8	4000
Inchkeith (Edin.)	1013.3	+12	N	3	c	57	76	8	1	2	-	1	9	4000
Leuchars	1013.2	+16	NW	3	c	57	65	9	8	3	-	9	9	2500
Eskdalemuir	1013.2	+20	N	5	c	56	65	8	5	4	-	9	9+	2500
Tynemouth	1010.3	+20	N	4	c	56	85	6	6	-	-	9	9	1500
Blacksod Point	1020.6	+18	NW	5	c	59	65	8	7	6	-	4-6	7-8	450
Aldergrove	1016.1	+14	NNW	4	bc	61	75	8	2	-	1	4-6	4-6	4000
Donaghadee	1015.0	+12	NE	3	bc	60	85	8	8	-	2	1	2-3	4000
Birr Castle	1018.5	+10	N	1	c	59	85	8	8	-	-	7-8	7-8	4000
Holyhead	1014.9	+20	N	5	bc	58	85	8	4	-	1	4-6	4-6	2500
Liverpool (Bidston)	1013.1	+24	NW	5	bc	58	65	9	8	-	-	4-6	4-6	4000
Chester (Sealand)	1012.9	+22	NWN	6	c	58	76	8	8	3	1	4-6	7-8	1500
Harrogate	1010.1	+14	NW	4	ir₀	56	75	8	6	2	-	9	9+	2500
Spurn Head	1006.1	+10	NNW	6	ir	56	95	7	6	2	-	4-6	10	4000
Birmingham	1011.9	+20	NW	3	c	56	76	7	5	-	-	10	10	2500
Cranwell	1008.8	+22	NW	5	c	57	85	8	8	2	-	9	10	1500
Gorleston	1004.4	+14	NW	4	ir	58	95	6	6	-	-	10	10	800
Valentia Obs.	1021.5	+12	NNW	4	c	61	75	8	8	-	-	7-8	7-8	1500
Roches Point	1018.7	+26	N	3	bc	63	65	9	8	-	-	2-3	2-3	1600
Pembroke	1015.7	+10	NW	3	c	59	75	7	3	8	-	4-6	7-8	1500
Ross-on-Wye	1012.8	+28	NW	4	c	57	76	9	8	-	-	9+	9+	4000
Leafield	1011.4	+20	NWN	5	o	55	85	8	6	-	-	10	10	1500
Cardington	1009.2	+18	NWW	4	o	58	75	7	5	-	-	10	10	1500
Winchester	1011.3	+20	NW	4	c	59	75	8	5	2	-	7-8	9+	1500
S. Farnborough	1010.3	+22	NW	3	o	58	76	7	5	-	-	10	10	800
London (Kew)	1010.4	+24	NWW	3	o	59	75	7	5	-	-	10	10	2500
Croydon	1010.1	+22	NWW	3	old	57	85	6	5	-	-	10	10	800
Manston	1007.7	+24	NW	4	c	58	85	7	5	2	-	9	10	1500
Shoeburyness	1008.4	+26	NW	3	c	58	85	7	5	2	-	7-8	9+	1500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1007.3	+26	NWW	3	ir₀	58	85	6	6	-	-	10	10	1600
Scilly (St. Mary's)	1018.5	+16	NNW	5	c	61	95	7	8	-	-	7-8	7-8	4000
Falmouth	1016.9	+30	NWN	5	c	60	85	7	8	-	-	7-8	7-8	4000
Plymouth	1015.2	+22	NNW	5	c	62	65	8	3	-	1	7-8	7-8	2500
Portland Bill	1012.7	+14	NW	4	c	62	65	8	4	8	-	7-8	9+	1500
Calshot, S'hampton	1011.1	+22	NNW	5	pr₀	61	75	7	8	-	-	9	9	1500
Dungeness														
Lympne	1008.6	+24	NWN	5	z	56	85	6	5	-	-	10	10	1500
Guernsey	1014.0	+22	NW	4	bc	63	75	7	8	-	-	4-6	4-6	2500

OBSERVATIONS at 18h. G.M.T. 14th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)
Lerwick	1014.1	+6	NW	2	c	52	85	8	5	2	-	4-6	9	1600
Stornoway	1017.2	+8	NW	3	bc	55	85	8	3	6	1	2-3	4-6	4000
Wick	1015.9	+14	NW	3	c	53	95	8	2	4	-	4-6	7-8	2500
Tiree	1018.2	+6	NNW	5	bc	56	85	8	4	7	-	2-3	4-6	2500
Nairn	1016.2	•	-	0	c	55 (53)	85	8	3	9	-	4-6	7-8	2500
Aberdeen	1015.2	+12	NNW	4	bc	54	75	8	7	3	9	2-3	4-6	2500
Malin Head	1019.9	+14	NNW	4	c	56	95	8	2	-	-	9+	9+	1500
Renfrew	1015.8	+10	NW	2	bc	60	75	9	1	-	-	4-6	4-6	4000
Inchkeith (Edin.)	1015.1	+12	NNE	2	c	57	75	8	5	4	9	2-3	7-8	5700
Leuchars	1015.3	+14	-	0	bc	55	75	8	4	-	9	2-3	2-3	4000
Eskdalemuir	1016.1	+14	NW	2	bc	54	75	9	4	4	9	1	4-6	4000
Tynemouth	1013.0	+16	NNW	4	c	65	85	6	6	-	-	7-8	7-8	1500
Blacksod Point	1023.0	+8	N	3	c	57	65	8	-	7	-	0	9	-
Aldergrove	1019.1	+22	NNW	4	c/pr	57	85	8	8	-	-	7-8	7-8	2600
Donaghadee	1017.4	+14	NE	3	b	58	85	7	-	-	-	0	0	-
Birr Castle	1021.0	+12	N	1	c	57	85	8	8	-	-	9+	9+	4000
Holyhead	1017.2	+14	NW	5	b	58	85	8	4	-	1	1	1	4000
Liverpool (Bidston)	1015.7	+12	WNW	4	bc	58	75	8	7	-	-	4-6	4-6	4000
Chester (Sealand)	1015.2	+14	NW	5	bc	58	75	8	1	3	1	1	4-6	4000
Harrogate	1013.8	+20	NW	4	c	53	75	8	6	4	9	4-6	9	2500
Spurn Head	1008.8	+16	NNW	7	c/r	55	95	7	6	1	-	4-6	10	4000
Birmingham	1014.9	+20	NW	4	bc	57	75	8	6	3	-	2-3	4-6	2500
Cranwell	1012.4	+16	NW	5	c	55	85	8	8	3	-	7-8	9+	1500
Gorleston	1007.7	+14	NW	4	rr	55	95	6	6	-	-	10	10	450
Valentia Obs.	1023.4	+8	NW	4	c	59	65	8	5	-	-	7-8	7-8	2500
Roches Point	1021.5	+16	NNW	4	bc	61	75	9	4	4	-	4-6	4-6	2500
Pembroke	1018.6	+16	NW	2	c/pr	60	75	7	4	8	-	4-6	7-8	2600
Ross-on-Wye	1015.9	+16	NNW	2	bc	58	65	9	7	-	2	1	4-6	4000
Leafield	1014.6	+14	NW	4	c	55	75	8	5	-	2	7-8	9	2500
Cardington	1013.0	+20	NWN	3	pr₀	57	85	7	8	-	-	9+	9+	1500
Winchester	1016.1	+20	NW	4	c	56	85	8	5	-	-	9	9	2500
S. Farnborough	1013.8	+22	NW	3	c	57	75	7	5	-	-	9+	9+	4000
London (Kew)	1014.0	+26	NWW	3	c	58	75	6	5	2	-	7-8	9+	2500
Croydon	1013.6	+22	NWW	4	z	58	75	6	5	2	-	7-8	9+	1500
Manston	1010.8	+18	NW	5	c/r	58	75	6	5	2	-	9	10	1500
Shoeburyness	1011.9	+20	NW	3	pr	57	85	7	6	7	-	4-6	9	1500
Clacton-on-Sea	1010.7	+6	NW	4	c	57	85	7	3	-	-	7-8	7-8	450
Felixstowe	1010.6	+22	NW	5	ir₀	56	85	7	6	2	-	7-8	10	1500
Scilly (St. Mary's)	1021.5	+14	NWN	3	bc	59	95	7	4	-	-	2-3	2-3	4000
Falmouth	1020.2	+26	NW	4	bc	60	75	8	1	-	-	2-3	2-3	4000
Plymouth	1018.6	+18	NNW	3	b	60	75	8	2	-	1	1	1	2500
Portland Bill	1015.9	+12	NW	4	c	61	65	8	4	4	-	4-6	7-8	1500
Calshot, S'hampton	1014.8	+22	NNW	4	c	59	75	8	7	6	-	4-6	9	4000
Dungeness														
Lympne	1012.0	+20	NWW	4	d₀d₀	55	85	5	6	-	-	10	10	450
Guernsey	1017.5	+20	NW	3	bc	60	75	8	-	4	1	0	2-3	-

PAST 24 HOURS.

Stations	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 14th (37)	Weather 13h.–18h. 14th (38)	Weather 18h. 14th – 1h. 15th (39)	Weather 1h.–7h. 15th (40)
Lerwick	0	•	c	c	c	c
Stornoway	0	2	bc	cbc	bcpc	c
Wick	0	3	c	cbc	bccpr₀	cpr₀bc
Tiree	0	3	bc	bbc	bc	pRbc
Nairn	0	•	cbc	bcc	cpr	prbc
Aberdeen	1	2	orroirc	cbc	bcb	bcprb
Malin Head	0	2	bc	bcc	c	cbc
Renfrew	1	•	cvbc	bcy	bcbw	bw
Inchkeith (Edin.)	0	0	c	cbc	cbc	bcb
Leuchars	1	•	cvpr₀	cvbcybcw	bcbwv	bwv
Eskdalemuir	1	•	bcvc	cir₀bcv	bcvcbw	bw
Tynemouth	1	4	oir₀	coir₀	cbcb	bbc
Blacksod Point	0	3	c	c	c	bc
Aldergrove	1	•	cbcbc	bc	c	wc
Donaghadee	0	3	cbc	bcb	b	bbcw
Birr Castle	1	•	bccpr	cbcc	cbc	bc
Holyhead	1	2	cbc	bcb	b	bbc
Liverpool (Bidston)	0	•	cvqv	bcvbc	bccbv	bbcw
Chester (Sealand)	0	•	c	bc	bc	cpr₀
Harrogate	1	•	cir₀	cir₀cp	cb	b
Spurn Head	1	5	oddcrq	cirq	cprqbc	bc
Birmingham	1	•	c	c	bcb	bbc
Cranwell	1	•	cd₀cdc	c	cb	cw
Gorleston	1	2	orrir	orrq	orrq	or₀cq
Valentia Obs.	0	0	cp₀c	c	cbbw	bwbccw
Roches Point	0	2	bcv	bcv	bcvbw	bbccw
Pembroke	1	1	cbcc	cbcc	cbcb	bbc
Ross-on-Wye	1	•	or₀c	cvbcv	bcvbv	bmw
Leafield	0	•	co	c	bcbw	bw
Cardington	1	•	oir₀dc	cpr₀	pr₀c	bcbwc
Winchester	1	•	cr₀r₀c	c	cbc	bcb
S. Farnborough	1	•	or₀r₀c	c	cb	bwcbc
London (Kew)	1	•	cr₀c	cbccz₀	cz₀bcw	bcwcm₀w
Croydon	1	•	om₀cd.d₀	cm₀p₀d	cobm₀	bmwcr₀
Manston	1	•	cd₀d₀irc	cr₀cm₀	cm₀c	cbcb
Shoeburyness	1	•	cir₀	cir₀	oip₀	cbc
Clacton-on-Sea	1	2	ogbc	c	c	cbcb
Felixstowe	1	2	cir₀z₀	cir₀q	cir₀c	cbcb
Scilly (St. Mary's)	0	2	bcc	cbc	bcb	bbcw
Falmouth	0	1	cbcpq	bcq	bcqb	bbc
Plymouth	1	1	cr₀m₀pr₀	cqcb	bbc	bbcmw
Portland Bill	0	3	iRc	c	bcb	b
Calshot, S'hampton	0	1	cr₀r₀mpr₀c	cpr₀c	bcw	bw
Dungeness						
Lympne	1	•	ofd₀ocd₀	cor₀d m₀	cobcmw	bcbm₀
Guernsey	0	3	ird₀c	bccbc	bcbw	bwbcw

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ⋓, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

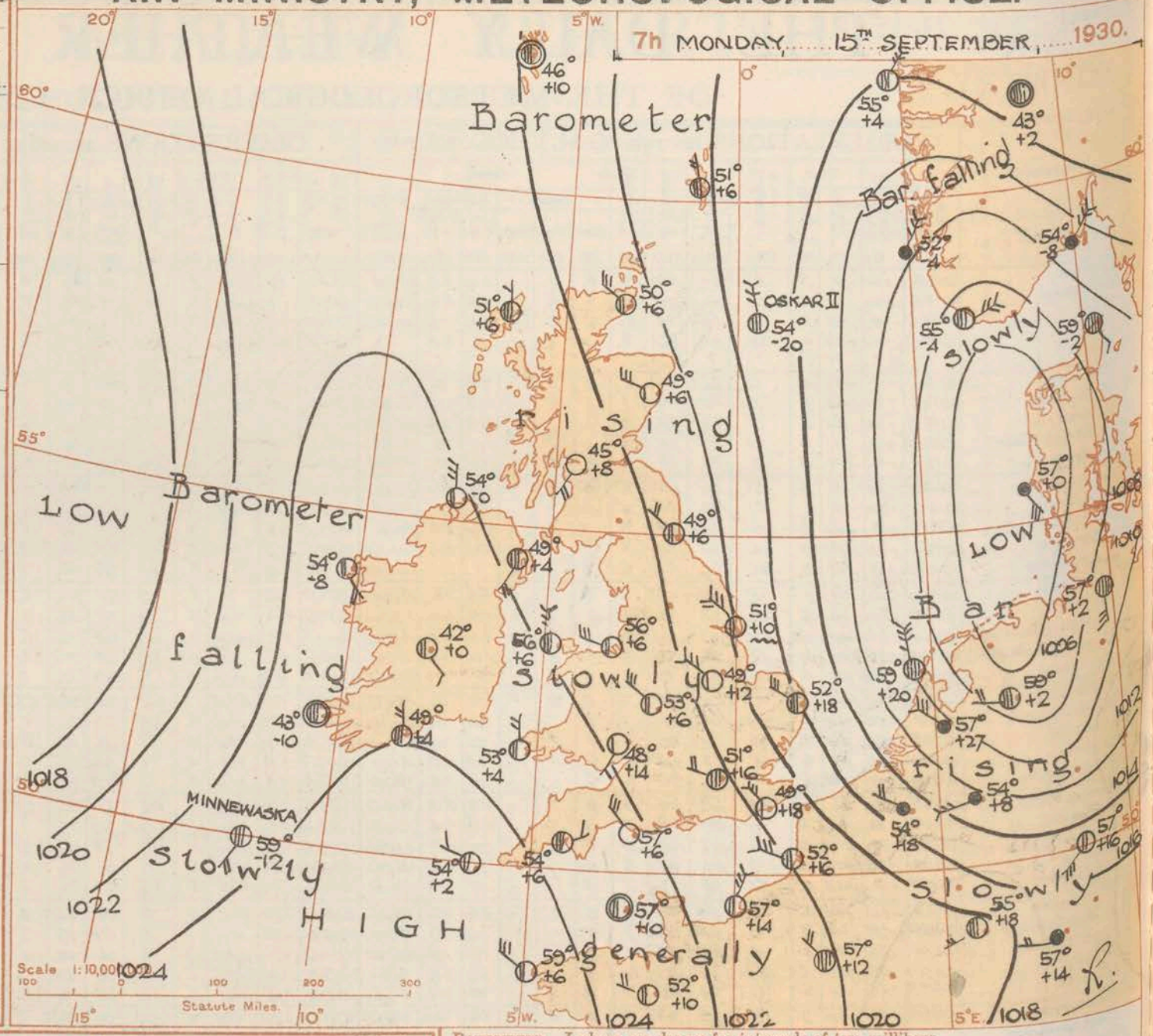
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 14th September 1930.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h. 13th to 9h. 14th	TEMPERATURE. Max. 9h.—17h. 14th	RAINFALL. Night. 17h. 13th to 9h. 14th	RAINFALL. Day. 9h.—17h. 14th	SUNSHINE. Sunrise to 17h. 14th	SUNSHINE. Sunrise to Sunset. 13th
Dunbar ...	c	bc	51	61	2	-	2.0	0.0
Berwick-on-T. ...	or	c	53	58	2	2	1.4	0.0
Douglas	cbbc	bc	52	61	1	-	6.2	0.0
Llandudno ...	cbc	bbc	55	61	6	-	6.1	0.1
Colwyn Bay ...	o	bcbc	55	60	2	-	6.0	0.0
Rhyl	cbc	bcb	56	60	1	-	6.5	0.4
Wallasey ...	cbc	bcbbc	55	61	2	-	4.6	0.2
Southport . ‖	cbc	bc	54	61	1	-	5.0	0.0
Blackpool ...	oc	bcc	54	61	-	-	3.7	0.0
Morecambe ...	cbcc	bcbbc	55	62	-	-	3.0	0.1
Ilkley	coc	pc	53	60	3	Trace	0.4	0.0
Cleethorpes ...	oid	oiro	54	58	3	0.6	0.0	0.0
Mablethorpe ...	oirm	odr	55	57	13	4	0.0	0.0
Skegness... ...	or	r	57	62	4	4	0.0	0.0
Aberystwyth ...	cprbc	bcbc	57	60	3	-	7.4	0.4
Bath	rc	cbcc	53	63	2	0.3	0.9	0.6
Cheltenham .†	oc	cwpc	63	61	1	Trace	0.4	0.4
Leamington Spa	o	oc	54	59	3	-	0.0	0.4
Lowestoft ...	od	od	55	58	12	4	0.2	1.7
Dovercourt ...	roc	doc	53	58	3	0.3	0.0	0.0
Maldon	rc	or	52	60	1	Trace	0.0	0.3
Southend ...	od	od	55	61	Trace	0.2	0.0	0.6
Ilfracombe ...	bcc	bcbcb	57	63	2	-	6.4	2.1
Bude	pc	bcbc	67	62	1	-	6.0	1.6
St. Ives	o	c	57	60	1	-	1.7	4.6
Penzance ...	cb	b	57	64	1	-	4.5	4.1
Torquay	cbc	bq	54	64	2	-	5.5	2.9
Jersey	rc	pbc	57	65	6	0.2	3.3	2.7
Weymouth ...	rc	c	54	63	2	Trace	0.7	1.9
Bournemouth ...	cor	o	53	62	1	0.3	0.7	2.8
Ventnor	ror	ouc	54	60	3	0.5	0.3	1.3
Southsea ...	oro	oc	55	62	6	1	0.1	1.3
Bognor Regis ...	orc	orbco	52	62	11	0.3	0.9	1.2
Littlehampton ...	cr	cbcc	52	62	3	1	0.5	1.3
Worthing ...	orr	oc	62	61	6	0.3	0.9	0.9
Brighton... ...	opc	cbc	53	61	2	Trace	0.1	1.0
Eastbourne .†	or o	oc	54	61	6	0.2	0.5	0.6
Hastings †	oco	o	52	60	7	-	0.0	0.3
Folkestone ...	rod	odm	53	59	2	Trace	0.0	0.5
Dover	do	oid	54	59	1	Trace	0.0	1.5
Deal	ro	opo	52	60	2	0.3	0.0	0.7
Tunbridge Wells	o	opo	51	59	0.3	Trace	0.0	0.2
Ramsgate ...	do	oro	51	60	0.3	0.2	0.0	0.9
Margate	cdo	cdo	54	61	2	Trace	0.0	0.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. - ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊤⊤ Thunderstorm.
SEA DISTURBANCE. ⌇ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Light variable winds; fair; moderate temperature; local fog tonight and early tomorrow morning.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light variable winds, becoming moderate southerly, fresh at times; fair today with local fog tonight, some rain tomorrow; moderate temperature.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 3.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	As 4 - 8.
15. N.E. Scotland 16. Orkneys and Shetlands.	As 1 - 3.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh southerly winds; cloud slowly increasing and lowering, some rain later; moderate temperature at first, rising later.

GENERAL INFERENCE.

A ridge of high pressure crossing the British Isles will maintain fair weather generally temporarily but a depression off Western Ireland moving eastward will cause unsettled conditions soon to be renewed in western districts to spread slowly across the country.

FURTHER OUTLOOK.

Becoming slowly generally unsettled.

Forecasts issued at 0905 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

15th. September 1930.

No. 25,134

OBSERVATIONS at 1 hr. G.M.T. 15th. September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1015.0	+4	NNW	1	c	51	86	7	5	2	-	4-6	9	1500
Stornoway	30	1019.6	+12	NW	3	c	51	95	6	8	6	-	4-6	7-8	4000
Wick	81	1017.1	+6	WNW	2	pr	50	95	8	3	7	1	4-6	7-8	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1022.1	+8	NW	3	c	55	85	8	8	6	-	4-6	7-8	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1018.3	+14	NNW	2	bc	53	75	8	-	4	-	0	4-6	-
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	16.8	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1018.0	+8	NW	2	b	48	85	7	-	-	-	0	0	-
Blacksod Point	10	1024.6	-4	N	2	c	55	65	8	-	7	-	0	7-8	-
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1020.5	+12	N	5	b	56	85	7	6	-	-	1	1	800
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1014.4	+10	NW'N	6	bc	51	95	7	8	-	-	2-3	2-3	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1017.0	+20	NW'W	4	b	49	85	7	-	-	-	0	0	-
Gorleston	14	1012.2	+16	NW'N	5	r.r.	54	95	6	6	-	-	10	10	1500
Valentia Obs.†	30	1024.5	+6	-	0	b	51	85	8	-	-	-	0	0	-
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1021.7	+4	N	2	b	56	95	7	-	-	9	0	Tr.	-
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1017.7	+10	WNW	3	z.	52	85	6	-	-	1	0	1	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1023.9	+2	NNW	3	b	56	95	8	-	-	-	0	0	-
Falmouth	200	1024.0	+14	NW'W	3	b	57	95	7	-	-	-	0	0	-
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1020.4	+12	NW	4	b	57	85	8	-	-	-	0	0	-
Calshot, S'hampton	8	1019.3	+14	NNW	3	b	52	85	8	-	-	-	0	0	-
Dungeness	20														
Lympne	347	1016.0	+12	NW	4	c	53	75	7	-	3	-	0	7-8	-
Guernsey	173	1021.1	+10	NW	3	b	58	85	8	-	-	-	0	0	-

OBSERVATIONS at 7 hr. G.M.T. 15th. September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1016.6	±6	NNW	2	c	51	95	7	5	7	2	2-3	7-8	1500	0	•
Stornoway	1021.1	+6	N	1	c	51	75	9	5	-	-	9+	9+	4000	0	0
Wick	1018.7	+6	NW	3	bc	50	95	8	3	6	-	2-3	4-6	1500	1	3
Tiree	1021.9	0	N	3	c	54	75	8	5	8	-	7-8	7-8	5700	0	2
Nairn	1019.7	•	NW	2	c	51	85	8	8	-	-	7-8	7-8	2500	1	•
Aberdeen	1018.7	+6	NW'W	3	b	49	85	8	8	-	-	Tr	Tr	2500	1	2
Malin Head	1022.0	0	N	3	bc	54	85	8	7	3	9	4-6	4-6	1500	0	1
Renfrew	1021.4	+8	SW	2	b	45	95	8	-	-	-	0	0	-	1	•
Inchkeith (Edin.)	1019.8	+6	W	3	b	51	85	7	-	4	-	0	1	-	0	1
Leuchars	1019.2	+2	WNW	4	b	50	75	9	4	-	-	Tr	Tr	5700	1	•
Eskdalemuir	1020.8	+6	N'W	2	b	48	85	8	1	4	-	Tr	Tr	2500	1	•
Tynemouth	1019.5	+6	NW	2	bc	49	85	7	1	-	-	2-3	2-3	2500	0	3
Blacksod Point	1023.1	-8	SE	2	bc	54	75	8	-	3	-	0	4-6	-	0	3
Aldergrove	1022.6	+2	-	0	c	50	95	8	5	-	-	9	9	800	1	•
Donaghadee	1021.8	+4	SW	2	c	49	95	8	8	-	-	7-8	7-8	4000	0	0
Birr Castle	1024.2	0	SE	1	bc	42	95	8	5	-	1	2-3	2-3	4000	0	•
Holyhead	1021.8	+6	N'W	4	c	56	75	8	5	-	-	7-8	7-8	1500	1	2
Liverpool (Bidston)	1021.0	+6	NW'W	3	bc	56	85	9	9	-	-	4-6	4-6	2500	0	•
Chester (Sealand)	1020.6	+8	NW'W	3	pr.	55	85	7	8	-	-	7-8	7-8	1500	1	•
Harrogate	1019.9		W	3	b	50	85	8	-	-	-	0	0	-	1	•
Spurn Head	1017.6	+10	NW'N	5	bc	51	95	7	4	-	1	2-3	4-6	2500	0	5
Birmingham	1021.2	+6	NW	3	bc	53	85	6	7	-	-	4-6	4-6	2500	1	•
Cranwell	1019.6	+12	NW	4	b	49	85	7	-	3	-	9	Tr	-	1	•
Gorleston	1016.2	+18	NW'W	3	c	52	95	6	9	-	-	9-6	9-6	2500	1	2
Valentia Obs.†	1023.3	-10	-	0	c	43	95	8	1	-	9	Tr	7-8	2500	0	2
Roches Point	1023.8	+4	N	2	c	49	95	8	5	-	-	7-8	7-8	2500	0	0
Pembroke	1023.2	+4	N	2	bc	53	85	8	7	4	1	Tr	4-6	4000	0	1
Ross-on-Wye	1021.6	+14	SW	1	b	48	95	8	5	-	-	Tr	Tr	4000	1	•
Leafield	1020.6	+10	NW'W	3	b	49	95	8	-	3	-	0	Tr	-	0	•
Cardington	1019.7	+10	NW'N	2	c	52	85	6	7	-	-	7-8	7-8	5700	1	•
Winchester	1021.6	+12	WNW	3	b	49	95	7	-	-	1	0	Tr	-	1	•
S. Farnborough	1020.9	+14	WNW	1	b	49	95	8	5	3	-	1	1	4000	1	•
London (Kew)	1021.0	+16	W'N	2	c	51	95	5	5	2	-	9	9+	2500	1	•
Croydon	1020.5	+12	W	3	r.	50	95	6	5	2	-	9	10	4500	1	•
Manston	1018.3	+16	NW'N	4	b	53	85	7	5	-	-	Tr	Tr	1500	0	•
Shoeburyness	1019.2	+12	NNE	2	b	53	85	8	-	-	-	0	0	-	0	•
Clacton-on-Sea	1018.3	+14	NW	3	bc	49	85	7	3	-	-	2-3	2-3	4500	0	2
Felixstowe	1017.9	+20	NW	4	b	52	85	7	-	3	-	0	Tr	-	1	1
Scilly (St. Mary's)	1024.5	+2	NW'W	1	bc	54	95	8	7	-	1	1	2-3	4000	0	0
Falmouth	1024.2	+10	WNW	2	bc	55	95	8	3	-	-	2-3	2-3	4000	0	0
Plymouth	1023.3	+6	E	1	c	53	95	7	8	-	-	7-8	7-8	2500	1	1
Portland Bill	1022.3	+6	NW	3	b	57	85	8	-	-	-	0	0	-	0	2
Calshot, S'hampton	1021.4	+10	WSW	2	b	51	85	7	-	-	-	0	0	-	0	1
Dungeness																
Lympne	1018.8	+18	NW'N	4	z	49	85	6	-	-	-	0	0	-	0	•
Guernsey	1023.1	+10	-	0	bc	57	85	7	8	6	-	4-6	4-6	2500	0	2

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 14th Hrs. (36)
Lerwick	54	49	•	-	-	0.0
Stornoway	62	50	•	0.4	Tr	5.2
Wick	57	48	•	-	0.3	•
Tiree	60	52	47	-	0.4	9.1
Nairn	58	48	•	-	1	4.5
Aberdeen	57	46	40	1	0.5	3.0
Malin Head	59	53	•	-	-	5.0
Renfrew	66	41	32	-	0.1	8.6
Inchkeith (Edin.)	58	50	47	-	-	2.7
Leuchars	61	42	33	Tr.	-	2.6
Eskdalemuir	57	42	32.5	Tr.	-	4.6
Tynemouth	55	46	41	1	-	•
Blacksod Point	60	52	•	0.3	-	•
Aldergrove	62	48	39	Tr.	Tr	9.4
Donaghadee	61	47	•	-	-	•
Birr Castle	62	42	31	3	-	4.0
Holyhead	60	55	50	-	-	8.5
Liverpool (Bidston)	60	54	51	-	-	4.2
Chester (Sealand)	61	55	50	-	0.6	4.4
Harrogate	57	47	42	1	-	0.2
Spurn Head	58	50	•	4	Tr	0.0
Birmingham	57	51	48	-	-	0.2
Cranwell	58	46	43	0.2	-	0.0
Gorleston	59	51	50	5	6	0.0
Valentia Obs.†	63	41	36	0.3	Tr	4.3
Roches Point	65	47	•	-	Tr	•
Pembroke	61	52	•	Tr.	-	6.6
Ross-on-Wye	61	45	39	0.4	-	2.8
Leafield	57	45	39	-	Tr	0.1
Cardington	69	48	44	Tr.	Tr	0.0
Winchester	61	45	38	1	-	0.4
S. Farnborough	59	46	36	0.2	-	0.2
London (Kew)	61	49	41	Tr.	-	0.4
Croydon	60	48	43	0.1	Tr	0.0
Manston	59	52	49	0.2	-	0.0
Shoeburyness	59	47	49	Tr.	Tr	0.0
Clacton-on-Sea	59	47	45	0.3	-	0.0
Felixstowe	59	51	48	Tr.	Tr	0.1
Scilly (St. Mary's)	61	54	•	-	Tr	8.1
Falmouth	62	55	•	0.3	-	8.3
Plymouth	63	52	42	Tr.	-	6.7
Portland Bill	63	54	•	1	-	•
Calshot, S'hampton	61	49	45	1	-	0.2
Dungeness			•			
Lympne	57	48	44	0.3	Tr	0.0
Guernsey	63	56	48	2	-	5.0

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cr.c	cbccz.	czbcwm	61	49	41	Tr	-	0.4	•	•	6
Croydon	244	om.ed.d.	cm.p.d.	cobmwcr	60	48	43	0.1	Tr	0.0	•	•	6
Greenwich (Royal Observatory)	149	c	cid	cidbw	61	48	40	Tr	Tr	0.1	70	72	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.1	•	•	•
Westminster (St. James' Park)	27	•	•	•	62	48	44	-	-	0.2	61	77	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0.2	•	•	•
Camden Square	110	oc	cd	•	59	50	4	Tr	-	•	•	84	•
Kensington Palace	80	odro	oco	•	60	48	36	-	Tr	•	At 18h. 78	87	•
Hampstead Observatory	450	omed	c	•	59	44	38	0.1	0.1	0.3	•	87	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 15th

South Kensington. Max.	Time.	Min.	Time.
0.6	7h 15th	<0.3	23h-14th 4h to 15th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	6h 15th	<0.1	9h 14th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 14th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 15th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1013.5	WNW	2	c	59	1020.3	NW	2	o	57	64	55	7	Tr
Brussels	1019.6	WSW	3	ir	57	1015.2	WNW	2	d.d.	54	63	54	3	3
Berlin	1010.1	SW	2	bc	68	1012.0	WSW	2	bc	59	72	54	-	-
Zürich						1018.0	NNW	1	2	55		54		0.3
Rome	1012.7	E	2	c	73	1010.1	NW	2	c	68	82	55	1	2

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

16th September 1930.

No. 25.135

OBSERVATIONS at 13h. G.M.T. 15th September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1017.9	+6	N	3	bc	55	75	8	7	–	–	4-6	4-6	1500
Stornoway	1021.5	0	NNW	1	c	58	55	9	7	8	–	7-8	7-8	4000
Wick	1019.7	+8	NW	3	c	53	95	8	3	6	–	7-8	9	1500
Tiree	1022.4	0	N'W	1	bc	56	75	9	4	3	8	1	2-3	4000
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1019.6	+6	NW	4	bc/pr	54	85	8	2	3	–	2-3	4-6	2500
Malin Head	1022.1	–4	NE	2	bc	56	85	8	1	6	–	2-3	2-3	1500
Renfrew	1021.2	–2	N'W	2	bc	62	55	8	1	–	–	2-3	2-3	4000
Inchkeith (Edin.)	1021.3	+10	WNW	3	c	60	85	8	7	1	–	4-6	7-8	4000
Leuchars	1020.1	+4	WNW	3	bc	61	55	9	1	–	–	4-6	4-6	4000
Eskdalemuir	1020.7	0	N	2	bc	59	55	8	7	–	–	4-6	4-6	2500
Tynemouth	1019.5	+4	N	2	bc	56	75	7	8	–	–	4-6	4-6	2500
Blacksod Point	1021.1	+6	SE	2	bc	60	55	9	–	3	7	0	4-6	5700
Aldergrove	1022.3	–2	W'S	2	bc	61	65	9	7	–	6	4-6	4-6	1500
Donaghadee	1021.6	0	N'E	2	b	59	75	8	–	–	8	0	1	–
Birr Castle	1022.9	–4	SW	1	c	60	65	8	4	–	7	4-6	10	2500
Holyhead	1022.4	+2	NW'W	3	c	58	75	9	7	–	1	7-8	7-8	2500
Liverpool (Bidston)	1022.0	+4	W	3	bc	57	75	9	2	–	–	4-6	4-6	4000
Chester (Sealand)	1021.3	+2	NW'N	4	bc	60	65	9	1	–	–	4-6	4-6	4000
Harrogate	1020.3	+6	NNW	2	b	60	65	8	1	–	–	1	1	4000
Spurn Head	1019.1	0	NW'N	4	bc	60	85	7	2	3	–	2-3	4-6	4000
Birmingham	1021.3	+2	WNW	3	bc	60	65	8	1	–	–	4-6	4-6	2500
Cranwell	1020.3	0	NNW	3	bc	61	65	7	1	–	–	4-6	4-6	4000
Gorleston	1019.1	+8	NNW	4	bc	58	75	7	8	–	–	4-6	4-6	2500
Valentia Obs.	1021.4	–10	SSE	4	c	59	65	9	7	9-	8	4-6	7-8	4000
Roches Point	1020.1	–8	SW	3	bc	62	75	8	8	–	4	2-3	4-6	2500
Pembroke	1023.2	0	W	1	bc	59	75	8	1	4	1	Tr.	4-6	4000
Ross-on-Wye	1021.3	+4	W	2	bc	65	55	8	7	–	–	4-6	4-6	4000
Leafield	1021.2	+4	WNW	3	bc	63	55	8	1	–	–	2-3	2-3	4000
Cardington	1020.5	–2	WNW	3	bc	64	55	7	1	–	–	4-6	4-6	4000
Winchester	1021.9	–2	WNW	3	bc	65	65	8	1	–	–	4-6	4-6	2500
S. Farnborough	1021.0	–2	WNW	2	c	65	55	8	8	–	–	9	9	2500
London (Kew)	1021.4	–2	N'W	2	c	62	55	7	8	–	–	7-8	7-8	2500
Croydon	1021.2	0	WNW	3	bc	64	55	7	8	–	–	4-6	4-6	2500
Manston	1020.7	+12	NW	4	bc	62	65	8	1	–	–	2-3	2-3	4000
Shoeburyness	1020.9	+2	NNW	5	bc	63	65	8	2	–	–	2-3	2-3	4000
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1020.1	+8	NW	3	bc	62	45	9	1	–	–	4-6	4-6	4000
Scilly (St. Mary's)	1024.3	–4	WSW	2	bc	61	95	7	8	–	–	4-6	4-6	4000
Falmouth	1024.5	0	WSW	2	bc	63	65	8	1	–	1	4-6	4-6	4000
Plymouth	1023.4	–2	SW	3	bc	64	75	7	7	3	–	2-3	4-6	4000
Portland Bill	1022.7	0	W	3	bc	63	75	8	2	–	–	2-3	2-3	2500
Calshot, S'hampton	1022.1	+2	NW	3	bc	63	65	7	7	–	–	4-6	4-6	4000
Dungeness														
Lympne	1020.6	+8	NNW	3	bc	62	55	8	1	–	–	4-6	4-6	4000
Guernsey	1023.7	0	NW	1	bc	64	65	7	8	4	1	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 15th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sun. 0-9 (30)
Lerwick	1018.6	+4	N	3	bc	53	85	8	7	–	–	4-6	4-6	1500	0	*
Stornoway	1020.9	–6	NNE	2	bc	53	65	9	5	5	1	1	2-3	4000	0	0
Wick	1019.9	+2	W	3	bc	54	85	8	3	8	–	4-6	4-6	2500	0	2
Tiree	1020.5	–14	NE E	1	c	52	85	9	5	7	6	Tr	7-8	2500	0	1
Nairn	1020.3	*	W	1	c	54	85	8	7	–	–	7-8	7-8	4000	0	*
Aberdeen	1020.0	+4	NW	3	c	54	85	8	8	–	–	7-8	7-8	2500	1	2
Malin Head	1020.0	–16	ENE	3	c	55	85	9	4	7	9	2-3	7-8	4000	0	1
Renfrew	1020.4	–2	WNW	2	bc	58	65	8	7	–	6	1	2-3	4000	1	*
Inchkeith (Edin.)	1020.7	–6	NNW	1	bc	58	55	8	–	6	–	0	4-6	–	0	0
Leuchars	1019.8	–2	N	2	bc	56	65	8	4	–	–	4-6	4-6	4000	1	*
Eskdalemuir	1020.3	–2	NW	2	bc	53	75	8	8	4	1	2-3	2-3	4000	1	*
Tynemouth	1019.8	0	N	2	bc	55	85	8	1	–	–	2-3	2-3	2500	0	2
Blacksod Point	1018.6	–10	SE	3	c	59	65	9	–	8	–	0	9	5700	0	2
Aldergrove	1021.0	–6	NE E	1	c	55	75	8	5	–	6	7-8	9	1500	1	*
Donaghadee	1020.5	–8	–	0	bc	56	85	8	7	–	2	1	4-6	4000	0	0
Birr Castle	1020.1	–12	SW	1	c	60	75	8	4	–	9	4-6	7-8	4000	0	*
Holyhead	1021.4	–6	WSW	2	c	54	75	8	4	1	6	Tr.	7-8	4000	1	0
Liverpool (Bidston)	1021.3	–10	W	3	bc	56	65	9	7	–	9	1	2-3	4000	0	*
Chester (Sealand)	1021.3	–2	WNW	3	bc	55	75	8	1	–	5	Tr.	2-3	4000	1	*
Harrogate	1020.6	0	–	0	c	56	75	7	9	–	–	7-8	7-8	2500	1	*
Spurn Head	1019.7	0	N	4	bc	55	95	7	4	1	1	2-3	4-6	4000	0	4
Birmingham	1021.3	–2	NNW	3	bc	57	75	7	4	–	6	2-3	4-6	4000	1	*
Cranwell	1020.3	+2	N	1	c	56	85	6	7	–	–	9	9	4000	1	*
Gorleston	1019.7	+4	NNW	2	bc	58	75	7	–	6	–	0	4-6	–	0	1
Valentia Obs.	1018.4	–18	SSE	5	r₀r₀	56	95	7	6	–	–	10	10	1500	1	4
Roches Point	1021.3	–14	SW	3	c	58	75	8	3	–	9	4-6	7-8	2500	0	2
Pembroke	1022.5	–2	W	1	c	57	65	8	7	9	9	2-3	7-8	5700	0	1
Ross-on-Wye	1021.4	0	WNW	2	bc	57	75	8	7	1	5	Tr.	2-3	4000	1	*
Leafield	1020.8	–4	W'N	3	b	58	65	9	4	–	6	1	1	4000	0	*
Cardington	1020.4	0	W'N	2	c	60	75	7	8	1	–	7-8	9	4000	0	*
Winchester	1021.8	+2	WNW	3	bc	57	75	7	5	–	1	1	2-3	4000	0	*
S. Farnborough	1021.1	+2	W	1	b	59	75	7	1	4	1	Tr.	1	5700	0	*
London (Kew)	1021.2	–6	W	1	bc	62	65	7	1	2	4	Tr.	2-3	4000	1	*
Croydon	1021.1	–2	W	1	3	59	75	6	3	–	1	Tr.	1	2500	1	*
Manston	1020.7	0	W	1	bc	56	75	8	–	3	–	0	4-6	–	0	*
Shoeburyness	1020.8	0	–	0	bc	57	75	8	2	–	–	2-3	2-3	5700	0	*
Clacton-on-Sea	1020.6	0	NW	2	bc	60	65	7	4	–	–	2-3	2-3	1500	0	1
Felixstowe	1020.5	0	NW	1	bc	60	65	8	5	–	–	4-6	4-6	4000	0	0
Scilly (St. Mary's)	1023.6	–4	WSW	3	c	58	95	7	8	–	1	4-6	7-8	4000	0	1
Falmouth	1024.0	–6	SW'W	2	c	60	75	8	5	–	–	7-8	7-8	4000	0	0
Plymouth	1023.0	+2	NW	3	c	60	65	8	7	–	6	1	9	2500	1	1
Portland Bill	1021.5	–2	SW	4	c	60	85	8	4	8	4	4-6	7-8	2500	0	3
Calshot, S'hampton	1021.7	+2	NW'W	3	bc	60	65	7	7	–	–	4-6	4-6	4000	0	0
Dungeness																
Lympne	1020.6	0	–	0	c	57	65	6	4	–	–	7-8	7-8	4000	0	*
Guernsey	1023.7	0	–	0	bc	59	85	7	1	8	–	2-3	4-6	2500	0	2

PAST 24 HOURS.

Stations.	Weather 7h.–13h. 15th (37)	Weather 13h.–18h. 15th (38)	Weather 18h. 15th to 1h. 16th (39)	Weather 1h.–7h. 16th (40)
Lerwick	cb*	bc	bc	bc
Stornoway	c	cbc	bcb	bbcc
Wick	pr₀c	pr₀bc	bc	bcc
Tiree	bcb	bbc	bc	bcc
Nairn	bcbc	bc	cbx	bc
Aberdeen	bbcpr	bc	bcbw	bmw
Malin Head	bc	bccv	cbcc	cir₀
Renfrew	cy	bcybbc	bbcw	bccwm
Inchkeith (Edin.)	bbcc	cbc	bcb	bcc
Leuchars	bbcvwbcvy	bcvybc	bcbw	bwbcw
Eskdalemuir	bwybcy	bcybc	bcbx	cw
Tynemouth	bc	bc	bc	bc
Blacksod Point	bc	c	rr	pr
Aldergrove	cbcjpbcbbc	bcvyc	cbc	cerrm₀
Donaghadee	bcb	bbc	bbc	bcir₀
Birr Castle	bc*	c	c	corrid₀
Holyhead	cbc	bcv	bcbbccm₀	bcc,r
Liverpool (Bidston)	bcv	bv	bbv	bcc
Chester (Sealand)	prbcv	bcvb	bc	bcmw
Harrogate	b	bbcc	c	cw
Spurn Head	bc	bc	bcc	bcwz
Birmingham	bbc	bc	bcb	bbcc
Cranwell	bbc	bcg₀c	cbm₀w	bm₀wcm
Gorleston	cbcg	bcg	bcbw	bbcwz
Valentia Obs.	cwrc	cr₀r₀	cr₀r₀Rr	crrcpr₀
Roches Point	cbc	bcc	coir₀	or₀orrc
Pembroke	bc	bcc	cbcc	oRR
Ross-on-Wye	bbc	bcy	bvbw	bwc
Leafield	bbc	bc	b	bcc
Cardington	bcy	bcc	cbcb	bbccwm₀
Winchester	bbc	bcb	bbc	bccm₀
S. Farnborough	bcc	cbcyb	b	bcm₀wm
London (Kew)	bcg₀bcy	bcybc	bm₀w	cm₀w
Croydon	cm₀r₀bcg₀y	bcybcg₀	bm₀	bwbccm₀
Manston	bbc	bcbybc	bc	bcwm₀cm₀
Shoeburyness	bbc	b	bm₀	bcm₀
Clacton-on-Sea	bcybc	bbcy	bc	bcc
Felixstowe	bc	bcvy	bcwm₀	bcwm₀
Scilly (St. Mary's)	bcc	cbcc	cprc	cporm
Falmouth	bc	bc	bccor₀	omrm₀cm₀
Plymouth	cmbc	bc	cb	bcor₀m₀
Portland Bill	bbc	bcc	bcc	c
Calshot, S'hampton	bm₀bbcy	bcy	bc	bcc
Dungeness				
Lympne	bm₀bbcy	bccycm₀	bm₀mw	bcmm₀
Guernsey	bcwbc	bc	bcw	bcwco

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☋, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

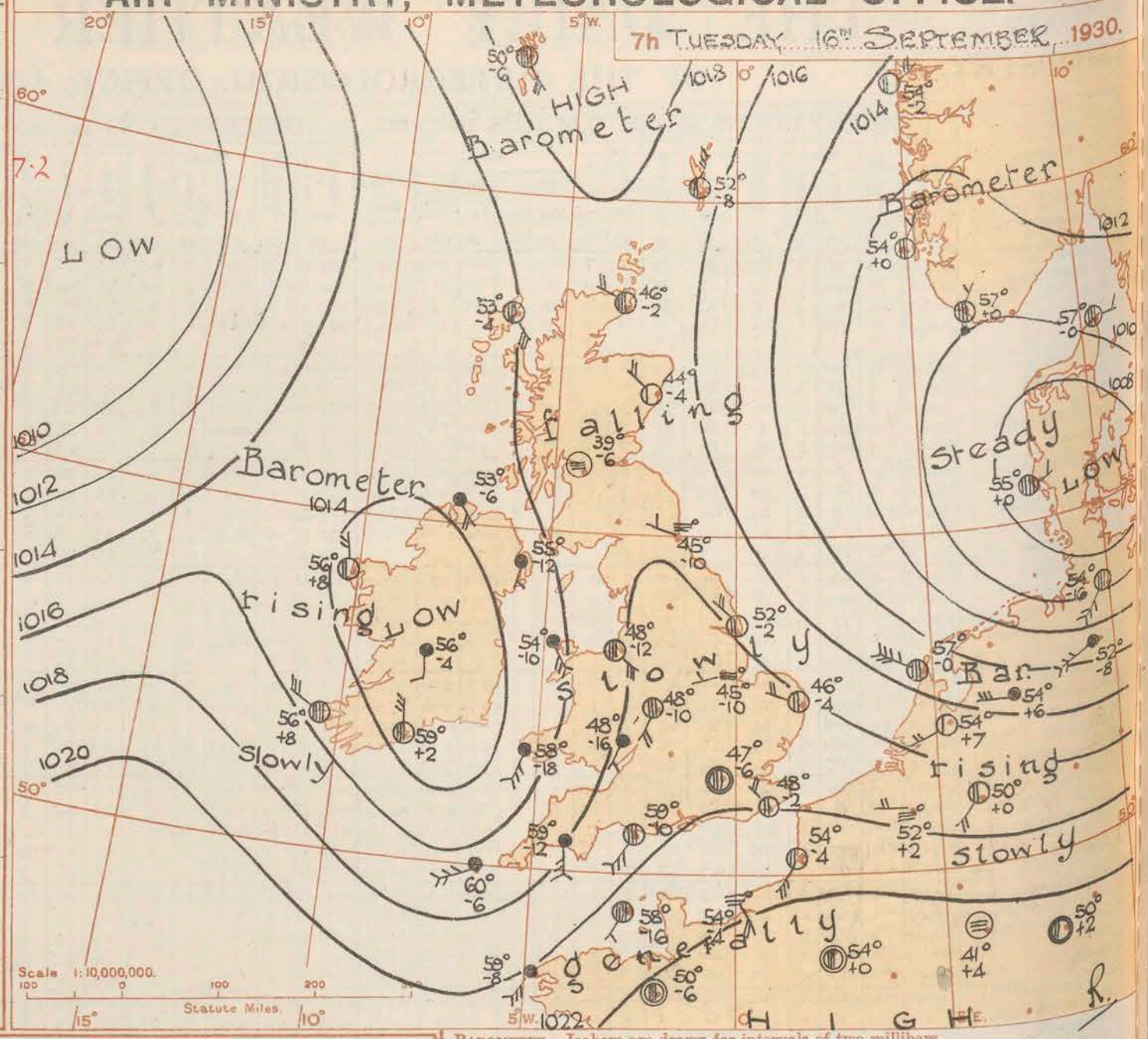
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 15th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 14th to 9h. 15th	Temperature. Max. 9h.—17h. 15th	Rainfall. Night. 17h. 14th to 9h. 15th	Rainfall. Day. 9h.—17h. 15th	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset 14th
Dunbar	bc	bc	46	59	-	-	8.5	2.3
Berwick-on-T.	bc	bc	45	58	-	-	8.9	1.9
Douglas	bc	bc	50	60	-	-	10.7	7.4
Llandudno	b bv	bv	55	60	-	-	9.4	~~6.2~~
Colwyn Bay	bcb	bcb	55	60	-	-	8.0	6.5
Rhyl	cbcb	b	56	59	-	-	8.6	6.9
Wallasey	b	b	56	63	-	-	8.8	5.2
Southport ‖	bc	bcb	54	61	-	-	10.0	5.0
Blackpool	bcb	bbc	54	62	-	-	10.5	3.7
Morecambe	b	b	51	62	-	-	10.0	3.1
Ilkley	b	b	42	62	-	-	8.6	0.8
Cleethorpes	mbc	b	46	61	-	-	10.0	0.0
Mablethorpe	bbc	bbcb	46	61	Trace	-	10.1	0.0
Skegness	b	bob	48	63	z	-	7.9	0.0
Aberystwyth	bc	bc	56	60	-	-	8.7	7.4
Bath	bbc	b	45	64	-	-	9.9	1.1
Cheltenham †	wbbc	bcqb	45	66	-	-	9.9.	1.3
Leamington Spa	c	c	50	64	-	-	5.7	0.0
Lowestoft	cidc	bcc	51	61	6	0.1	8.4	0.2
Dovercourt	bc	bc	50	64	-	-	10.0	0.0
Maldon	b	b	51	64	-	-	10.6	0.0
Southend	b	b	49	67	-	-	10.7	0.0
Ilfracombe	b	b	57	62	-	-	9.6	7.1
Bude	bc	bc	53	63	-	-	9.5	6.0
St. Ives	b	bbcu	54	62	-	-	9.2	1.7
Penzance	b	b	52	67	-	-	8.3	5.4
Torquay	wbbc	bc	50	66	-	-	6.8	6.1
Jersey	bc	bc	57	65	-	-	10.5	4.3
Weymouth	b	b	48	68	-	-	10.0	0.7
Bournemouth	b	bbc	48	66	-	-	9.0	1.0
Ventnor	b	bbcz	50	65	Trace	-	10.7	0.3
Southsea	b	b	49	66	-	-	10.5	0.1
Bognor Regis	bcb	b	48	67	0.3	-	10.4	0.9
Littlehampton	bc	bc	48	67	-	-	9.8	0.5
Worthing	b	bc	50	66	-	-	9.0	0.9
Brighton	bc	cbc	50	66	-	-	10.3	0.1
Eastbourne †	bcb	b	51	65	-	-	10.0	0.5
Hastings †	bbcc	cbcbbc	51	63	-	-	9.8	0.0
Folkestone	bc	bc	50	65	Trace	-	9.7	0.0
Dover	b	bbc	51	65	-	-	10.5 ~~8.5~~	0.0
Deal	b	b	50	67	-	-	9.3	0.0
Tunbridge Wells	bbc	bbcb	46	65	-	-	9.4	0.0
Ramsgate	bc	bc	52	65	Trace	-	10.6	0.0
Margate	b	b	53	62	-	-	10.4	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 5/10 clouded. ◑ Sky 5/10 to 8/10 clouded. ◑ Sky 9/10 to 10/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊠ Thunderstorm.
SEA DISTURBANCE. ~~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 16th Sept. 1930.
1. S.E. England 2. E. England 3. E. Midlands	Moderate southerly to southwesterly winds; cloudy, some rain; moderate temperature.
4. W. Midlands 5. S.W. England	Moderate or fresh westerly to southerly winds; cloudy, some rain; moderate temperature.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Moderate or fresh variable winds becoming southerly; cloudy, some rain; moderate temperature.
10. N.E. England 11. S.E. Scotland	Moderate to fresh southeasterly to variable winds; cloudy, some rain; moderate temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Light or moderate variable winds becoming moderate to fresh southwesterly to southerly; cloudy, some rain; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate variable to fresh southwesterly or southerly winds; mainly cloudy at first, some rain later; moderate temperature.

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

GENERAL INFERENCE.

A secondary depression over Ireland will move slowly east-north-eastward and further disturbances will follow from the Atlantic. Weather will be unsettled generally with some rain in all districts.

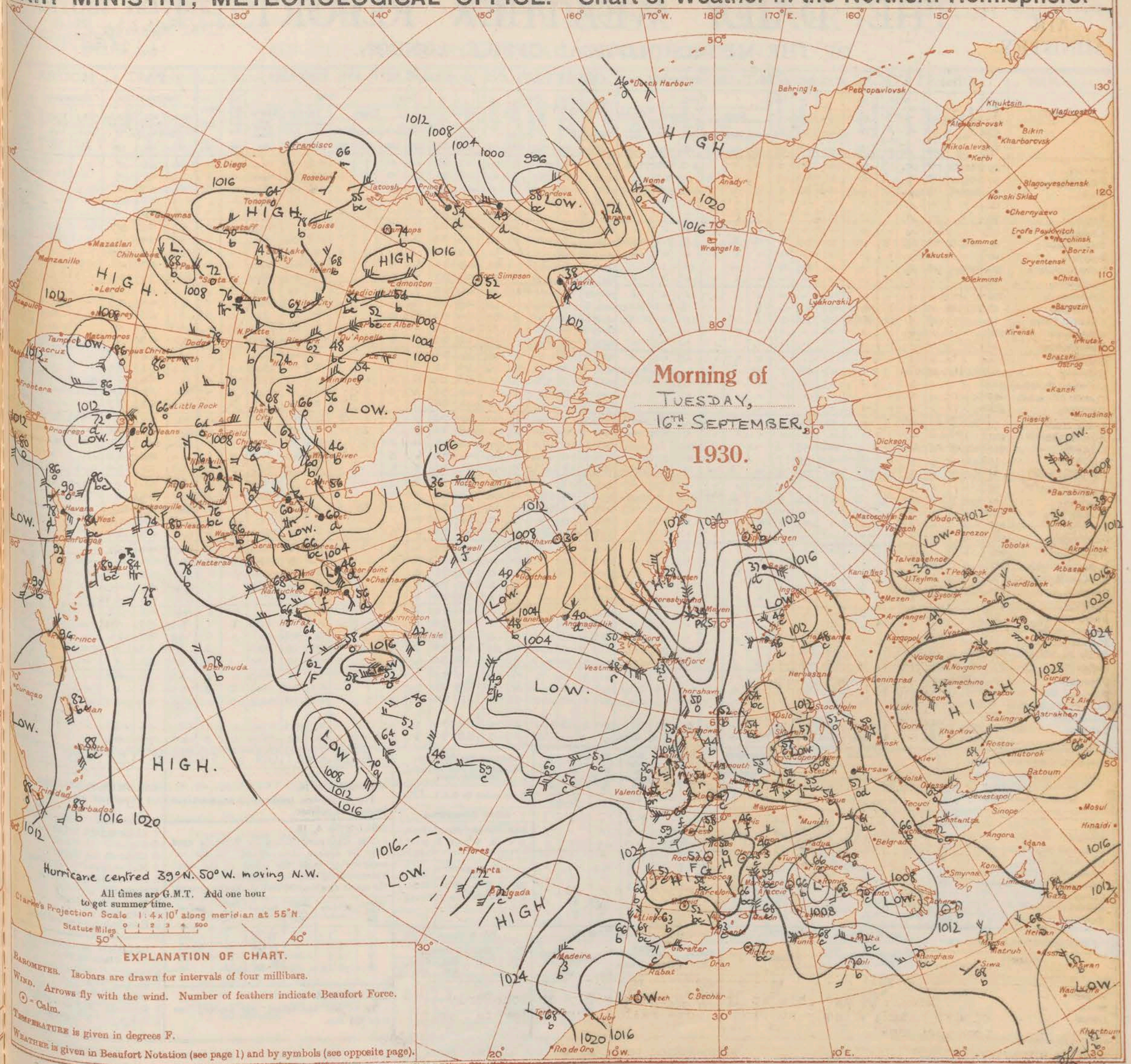
FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 0910 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

16th September 1930.

No. 25.135.

OBSERVATIONS at 1 hr. G.M.T. 16th September

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Cloud. Height of Base. (feet) (14)
Lerwick	54	1017.5	-6	N	3	bc	51	95	8	5	-	-	2-3	2-3	2500
Stornoway	30	1017.0	-10	E	3	b	51	85	8	-	-	-	0	0	-
Wick	81	1018.8	-10	WNW	2	bc	44	95	8	3	6	-	2-3	4-6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1016.3	-22	SE	3	c	51	95	8	4	6	-	2-3	7-8	4000
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1020.1	-4	SE	1	b	51	95	8	-	4	-	0	1	-
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1020.4	-4	W	2	bc	48	85	6	5	-	-	2-3	2-3	1500
Blacksod Point	10	1012.7	-12	S	4	RR	56	95	6	6	-	-	10	10	<150
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1018.6	-14	S'W	2	bc	53	95	7	5	8	8	1	2-3	4000
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1019.5	0	WNW	3	c	52	95	7	7	3	-	2-3	7-8	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1020.4	-2	SW'W	2	b	46	95	6	-	-	1	0	1	-
Gorleston	14	1020.0	-6	W	2	b	49	95	7	-	-	-	0	0	-
Valentia Obs.†	30	1013.3	-50	S	5	DD	61	95	5	5	-	-	10	10	1500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1019.2	-8	SW	3	c	57	85	8	4	6	9	4-6	7-8	4000
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1021.3	-2	SW	1	b	49	95	7	-	-	1	0	1	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1020.3	-14	SSW	4	c	58	95	7	8	-	-	9	9	4000
Falmouth	200	1022.5	-10	SW'S	2	ro	56	85	7	5	2	-	7-8	10	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1021.1	-6	NW'N	3	c	59	65	8	4	4	-	2-3	7-8	2500
Calshot, S'hampton	8	1021.7	-6	NNW	1	bc	51	95	7	5	-	-	4-6	4-6	4000
Dungeness	20														
Lympne	347	1020.7	-2	NW'N	3	m	48	95	4	-	-	-	0	0	-
Guernsey	173	1023.4	-4	-	0	bc	54	95	8	5	4	-	4-6	4-6	2500

OBSERVATIONS at 7 hr. G.M.T. 16th September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 15th Hrs. (36)
Lerwick	1016.1	-8	N'E	3	bc	52	85	8	4	7	-	4-6	4-6	1500	0	•	56	50	•	-	-	7.7
Stornoway	1015.8	-4	SE	3	c	53	75	9	4	6	1	4-6	7-8	4000	0	2	60	46	•	-	-	2.0
Wick	1017.2	-2	WNW	2	c	46	95	8	8	-	-	10	10	1500	0	2	56	43	•	0.3	-	•
Tiree	1015.0	-10	SE'E	4	c	52	85	9	6	9	-	4-6	9+	2500	0	2	57	43	32	-	-	9.9
Nairn	1017.3	•	-	0	bc	40	85	7	-	8	4	0	4-6	-	0	•	58	38	•	-	-	4.8
Aberdeen	1017.3	-4	NW	2	b	44	95	6	5	-	1	1	1	4000	1	1	57	42	37	Tr.	0.1	8.2
Malin Head	1014.1	-6	SE	2	ro	53	95	7	6	1	-	7-8	9+	1500	1	1	57	49	•	-	0.4	6.0
Renfrew	1017.8	-6	-	0	f+	39	95	2	-	7	-	0	9	-	1	•	65	35	29	-	-	11.1
Inchkeith (Edin.)	1019.2	-8	SE	1	bc	49	85	6	5	8	-	2-3	4-6	800	0	0	62	47	41	-	-	9.6
Leuchars	1017.6	-4	WSW	1	bc	40	95	8	5	-	1	2-3	4-6	7200	1	•	62	36	30	-	-	10.2
Eskdalemuir	1017.9	-4	NNE	1	0	46	95	7	5	-	-	10	10	220	1	•	60	36	30	-	-	9.9
Tynemouth	1016.8	-10	WNW	1	m	45	85	4	1	6	-	2-3	2-3	2500	0	1	57	44	39	-	-	•
Blacksod Point	1013.5	+8	N'W	2	bc	56	95	8	9	-	1	Tr	2-3	220	0	2	61	55	•	-	4.10	•
Aldergrove	1014.8	-14	ESE	2	rr	53	95	6	6	-	-	10	10	2500	1	•	62	47	41	-	3	8.5
Donaghadee	1015.2	-12	S'W	1	ro	55	95	7	6	2	-	4-6	9+	800	1	1	59	49	•	-	2	•
Birr Castle	1012.9	-4	S	1	do	56	95	7	6	-	-	10	10	2500	1	•	63	52	48	-	9	7.3
Holyhead	1015.8	-10	SSE	4	ro	54	95	6	6	-	-	10	10	1500	1	1	59	52	45	-	1	9.0
Liverpool (Bidston)	1017.4	-12	E'S	3	c	48	95	5	5	2	-	4-6	10	2500	0	•	58	45	43	-	-	9.3
Chester (Sealand)	1017.9	-12	SE	2	c	44	95	6	5	7	-	4-6	9+	4000	0	•	60	38	34	0.3	-	9.7
Harrogate	1018.3	-6	S	1	c	46	95	7	-	7	-	0	9	-	1	•	61	43	37	-	-	11.0
Spurn Head	1017.9	-2	NW	2	bc	52	95	5	5	3	9	2-3	4-6	800	0	3	61	50	•	-	Tr	10.3
Birmingham	1018.9	-10	SSW	2	c	48	85	5	-	2	-	0	9	-	1	•	63	46	34	-	-	7.4
Cranwell	1018.7	-10	W'S	1	m	45	95	4	5	5	-	4-6	9+	5700	1	•	62	43	37	-	0.1	9.4
Gorleston	1018.6	-4	W'N	2	bc	46	95	6	5	-	8	2-3	4-6	1500	0	1	60	45	43	-	Tr	7.7
Valentia Obs.†	1015.6	+8	NW'W	3	o/pr	56	95	7	6	-	-	10	10	450	1	3	62	55	54	0.4	9	3.9
Roches Point	1013.6	+2	N	3	c	59	95	8	3	-	-	9	9	1500	1	0	63	56	•	-	8	•
Pembroke	1014.7	-18	SSW	4	RR	58	95	5	5	-	-	10	10	800	1	2	61	56	•	-	10	8.9
Ross-on-Wye	1018.2	-16	SSW	1	ro	48	95	5	-	2	-	0	10	-	1	•	66	43	37	-	-	10.7
Leafield	1018.6	-10	S	2	c	48	95	7	-	3	-	0	9+	-	0	•	64	44	34	-	-	10.2
Cardington	1018.8	-6	SW'W	2	c	47	95	5	5	7	6	1	9	7200	1	•	65	43	38	-	-	8.7
Winchester	1019.5	-6	-	0	c	49	95	6	5	3	-	7-8	9	5700	0	•	66	45	39	-	-	9.9
S. Farnborough	1019.3	-10	-	0	m	49	95	4	5	3	-	2-3	9	5700	0	•	66	44	43	-	Tr	9.4
London (Kew)	1019.9	-6	-	0	c	49	95	5	5	-	-	9+	9+	4000	1	•	64	45	37	-	-	8.4
Croydon	1019.9	-2	SW	1	z	49	95	6	4	-	-	9+	9+	4000	1	•	64	46	40	Tr.	Tr	7.5
Manston	1019.6	-4	W	2	z	50	95	6	-	3	-	0	9+	-	0	•	63	46	38	-	-	10.9
Shoeburyness	1019.7	-4	W'S	1	c	50	95	6	-	9	2	0	7-8	-	0	•	66	42	33	-	-	10.9
Clacton-on-Sea	1019.7	-6	W	1	c	49	95	6	4	-	-	7-8	7-8	800	0	1	63	47	43	-	-	11.1
Felixstowe	1019.2	-10	W	1	z	52	95	5	-	3	-	0	4-6	-	1	0	63	47	36	-	-	10.3
Scilly (St. Mary's)	1016.3	-6	WSW	5	df	60	95	2	5	-	-	10	10	800	1	2	63	56	•	-	5	8.6
Falmouth	1017.6	-26	SW'S	5	rr	59	95	6	6	-	-	10	10	2500	1	3	65	55	•	-	0.4	8.0
Plymouth	1017.9	-12	S	4	ro ro	59	95	6	6	-	-	10	10	450	1	2	65	52	49	-	1	6.6
Portland Bill	1018.6	-10	SW'W	4	c	59	75	7	4	7	-	4-6	7-8	1500	0	3	64	57	•	-	-	•
Calshot, S'hampton	1019.5	-18	SSE	2	c	57	85	7	5	5	-	4-6	7-8	4000	0	0	65	50	45	-	-	10.4
Dungeness																			•			•
Lympne	1019.6	-2	NW	2	z	48	95	6	5	3	-	2-3	4-6	5700	0	•	63	45	38	-	Tr	9.7
Guernsey	1021.0	-16	SW	1	0	58	85	8	5	-	-	10	10	2500	0	3	64	54	46	-	-	11.1

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather 24 hrs. ended 9h. Morning.	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	9h. G.M.T. % To-day.	Visibility. 9h. To-day.
Kew	18	bcz bcy	bcy bc	bm cm w	64	45	37	-	-	8.4	•	•	6
Croydon	244	cm c bcz y	bcy bcz o	bm bcem	64	46	40	Tr	Tr	7.5	•	•	6
Greenwich (Royal Observatory)	149	bcz o y	bcz o y	bwc ⊕	66	45	33	-	Tr	8.0	48	75	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	8.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	68	47	44	-	-	7.7	49	77	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	6.7	•	•	•
Camden Square	110	c	cbcb	•	66	49	*	-	-	•	•	83	•
Kensington Palace	80	bc odr bcz	bcc	•	66	46	36	-	-	•	At 18h. 65	81	•
Hampstead Observatory	450	bc bm	bm	•	65	43	37	-	0.1	7.8	•	81	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 16th

South Kensington. Max.	Time.	Min.	Time.
0.8	7h 16th	<0.3	10-15h 15th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	20h 15th	<0.1	11h 15th

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 15th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 16th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1022.5	N	1	bc	61	1022.9	-	0	c	54	66	50	-	-
Brussels	1019.4	W	3	c	48	1019.9	W	2	m	52	52	46	8	0.3
Berlin	1012.8	SW	3	bc	64	1015.4	WSW	3	bc	55	72	52	-	-
Zürich	1020.2	W	1	c	55						64		0.1	
Rome	1010.1	E	3	TLR	66						81		9	

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

...TION

....1930.

...URS.

...ALL. Night (8h–7h) mm. (35)	SUNSHINE 15th Hrs. (36)
-	7.7
-	2.0
-	•
-	9.9
-	4.8
0.1	8.2
0.4	6.0
-	11.1
-	9.6
-	10.2
-	9.9
-	•
4 10	•
3	8.5
2	•
9	7.3
1	9.0
-	9.3
-	9.7
-	11.0
Tr	10.3
-	7.4
0.1	9.4
Tr	7.7
9	3.9
8	•
10	8.9
-	10.7
-	10.2
-	8.7
-	9.9
Tr	9.4
-	8.4
Tr	7.5
-	10.9
-	10.9
-	11.1
-	10.3
5	8.6
0.4	8.0
1	6.6
-	•
-	10.4
	•
Tr	9.7
-	11.1

S, etc.

...2.—Code for ...ibility. ...ot visible at 55 yards. 220 " 550 " ...,100 " 1¼ miles. 2½ " 6¼ " 12½ " 31 " ...eyond 31m.

...—Code for Sea. ...ery rough. ...igh. ...ery high. ...recipitous. ...onfused.

...ctor.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

17th September 1930.

No. 25.136

OBSERVATIONS at 13h. G.M.T. 16th September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0–10 (12)	Cloud. Amount. Total 0–10 (13)	Height of Base (feet) (14)
Lerwick	1014.9	-10	NNE	3	bc	55	75	8	4	-	-	4-6	4-6	2500
Stornoway	1014.6	-2	SE	1	c	56	75	9	4	7	-	4-6	7-8	4000
Wick	1015.8	-10	NW	2	c	55	85	8	5	-	2	4-6	7-8	2500
Tiree	1014.6	-2	SE	4	ir$_0$	55	85	6	6	7	-	9+	10	1500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1015.7	-8	E	2	c	56	75	8	7	4	4	4-6	7-8	2500
Malin Head	1018.2	0	SW	1	c	57	95	7	3	7	-	2-3	9+	800
Renfrew	1015.9	-10	NNE	1	m	57	75	4	5	-	-	10	10	5700
Inchkeith (Edin.)	1016.5	-6	SE	1	c	57	85	8	1	1	-	1	9	4000
Leuchars	1016.1	-6	ENE	1	c	56	75	8	1	9	1	1	9+	2500
Eskdalemuir	1015.3	-10	S	1	c	54	75	8	5	3	-	2-3	9	1500
Tynemouth	1016.5	-4	E	1	c	55	75	7	2	-	-	7-8	7-8	2500
Blacksod Point	1014.4	+8	NW	4	c	60	75	8	8	-	-	7-8	7-8	800
Aldergrove	1013.5	-6	ESE	3	rr	56	95	5	6	-	-	10	10	450
Donaghadee	1014.1	+4	SSE	3	ir$_0$	54	95	6	5	-	-	9	9	800
Birr Castle	1014.0	+4	NW	2	c	61	85	8	6	1	-	7-8	9+	2500
Holyhead	1013.3	-12	E'S	4	dd	56	95	4	6	-	-	10	10	450
Liverpool (Bidston)	1015.8 (4.4)	-6	E	4	m	55	85	4	5	-	-	10	10	800
Chester (Sealand)	1015.3	-16	SE	3	z	57	85	6	5	2	-	7-8	10	2500
Harrogate	1016.4	-6	S	1	c	53	75	5	5	-	-	9+	9+	2500
Spurn Head	1016.5	-4	SW'S	1	c	58	85	7	4	1	-	7-8	9+	4000
Birmingham	1015.8	-10	S	2	c	55	85	6	6	2	-	4-6	10	2500
Cranwell	1016.6	-14	SW	2	c	59	65	7	8	3	-	4-6	7-8	4000
Gorleston	1017.4	-6	W	1	c	57	8 95	6	8	-	-	10	10	2500
Valentia Obs.	1016.6	+2	NW'W	4	c	59	75	8	5	2	-	2-3	9+	1500
Roches Point	1015.2	+8	~~NW~~ N	3	c	62	85	9	3	-	-	7-8	7-8	1500
Pembroke	1013.6	0	W	3	c	60	95	7	8	-	-	9+	9+	1500
Ross-on-Wye	1014.7	-24	SE'S	2	id$_0$	57	95	6	6	2	-	10	10	1500
Leafield	1015.9	-26	S'E	4	ir$_0$	56	95	7	6	-	-	10	10	1500
Cardington	1016.8	-18	SSW	3	c/pr	60	65	8	4	7	8	4-6	10	4000
Winchester	1016.9	-24	S'E	4	dd	57	95	4	6	-	-	10	10	220
S. Farnborough	1017.2	-18	S	2	id$_0$	59	85	6	6	2	-	7-8	10	1500
London (Kew)	1017.8	-16	SSW	2	c/d	60	75	8	4	2	-	2-3	10	2500
Croydon	1017.9	-16	SSW	3	c/r	59	75	7	6	2	-	2-3	10	1500
Manston	1018.2	-10	SW	3	c	62	65	7	5	7	-	7-8	10	4000
Shoeburyness	1018.3	-10	WSW	3	c	61	75	8	5	3	-	7-8	9	4000
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1018.1	-8	W'S	2	z	60	65	6	5	2	-	4-6	9+	4000
Scilly (St. Mary's)	1017.1	+4	NW'W	4	c	61	95	7	5	-	6	4-6	7-8	4000
Falmouth	1016.3	-6	W'S	4	bc	63	95	8	8	-	-	4-6	4-6	4000
Plymouth	1015.8	-6	SW	3	o	61	95	6	5	-	-	10	10	220
Portland Bill	1015.3	-18	SW	5	dd	61	95	5	5	-	-	10	10	800
Calshot, S'hampton	1017.4	-20	S'E	4	d$_0$d$_0$	59	95	5	5	-	-	10	10	1500
Dungeness														
Lympne	1018.0	-16	SW	3	ir$_0$	59	75	7	8	2	-	7-8	10	2500
Guernsey	1018.7	-14	SW	3	o/r	62	95	6	5	-	-	10	10	2500

OBSERVATIONS at 18h. G.M.T. 16th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0–10 (26)	Cloud. Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
Lerwick	1015.0	0	N'E	3	c	53	85	8	5	2	-	4-6	9	1500	0	•
Stornoway	1013.7	-4	-	0	c	55	75	9	4	-	-	9+	9+	4000	0	2
Wick	1014.9	-4	NNW	1	bc	53	85	8	5	4	3	2-3	4-6	4000	0	2
Tiree	1014.0	-4	SE	3	id$_0$	52	95	6	6	2	-	9+	10	800	1	2
Nairn	1014.0	•	-	0	c	52	85	7	5	8	-	4-6	7-8	2500	0	•
Aberdeen	1015.0	-8	E'S	2	c	53	75	8	5	3	-	4-6	7-8	2500	0	1
Malin Head	1012.6	-2	NW	2	c	56	95	7	8	8	-	9	9+	1500	0	1
Renfrew	1013.8	-4	ENE	1	m	56	75	4	5	-	-	10	10	4000	1	•
Inchkeith (Edin.)	1014.5	-8	E	2	c	54	95	8	-	2	-	0	9+	-	0	0
Leuchars	1014.5	-6	E	2	c	52	85	8	-	9	1	0	9	-	1	•
Eskdalemuir	1013.7	-10	E	2	c	54	75	7	5	7	-	2-3	10	2500	1	•
Tynemouth	1014.6	-10	ESE	2	c	54	85	8	4	-	-	9	9	4000	0	2
Blacksod Point	1014.9	0	-	0	c	57	85	8	3	4	-	4-6	9	800	0	2
Aldergrove	1013.2	0	ESE	2	ir$_0$	54	95	5	6	-	-	10	10	220	1	•
Donaghadee	1013.1	-8	ESE	2	r$_0$r$_0$	54	95	6	5	-	-	9	9	800	1	2
Birr Castle	1014.1	0	NW	1	c	60	85	8	3	2	9	2-3	9	2500	1	•
Holyhead	1012.0	-2	-	0	d$_0$d$_0$	57	95	4	6	-	-	10	10	220	1	0
Liverpool (Bidston)	1012.5	-6	E'S	3	d$_0$d$_0$	55	95	4	5	-	-	10	10	800	1	•
Chester (Sealand)	1013.2	-10	SE'E	2	dd	55	95	4	6	-	-	10	10	450	1	•
Harrogate	1014.4	-6	SE	1	ir$_0$	53	85	4	5	-	-	10	10	<150	1	•
Spurn Head	1014.9	-6	SE'S	2	r	56	95	7	6	1	-	4-6	10	4000	0	3
Birmingham	1013.3	-12	SSE	2	df	55	95	3	5	-	-	10	10	800	1	•
Cranwell	1014.5	-10	SE'S	2	d$_0$d$_0$	54	95	6	5	-	-	10	10	800	1	•
Gorleston	1015.4	-12	S	1	c	60	75	6	7	-	-	9+	9+	4000	0	2
Valentia Obs.	1016.3	-2	-	0	c	58	85	8	5	2	-	4-6	9+	1500	0	2
Roches Point	1015.1	0	SW	2	c	61	85	9	3	-	-	9	9	2500	0	0
Pembroke	1012.9	-2	W	3	c	60	85	7	8	7	-	4-6	10	1500	1	2
Ross-on-Wye	1012.8	-10	SW	2	c	60	95	6	9	1	6	Tr.	9	2500	1	•
Leafield	1013.4	-14	SSE	2	df	57	95	2	5	-	8 -	10	10	<150	1	•
Cardington	1014.2	-14	SE'S	2	c/r	56	95	5	5	2	-	7-8	10	1500	1	•
Winchester	1014.0	-16	SW	2	o	61	95	6	5	-	-	10	10	450	1	•
S. Farnborough	1014.1	-14	-	0	id$_0$	59	95	6	6	-	-	10	10	220	1	•
London (Kew)	1014.6	-20	S'E	1	r$_0$r$_0$	58	95	6	6	-	-	10	10	800	1	•
Croydon	1014.6	-24	S	3	d$_0$d$_0$	57	95	4	6	-	-	10	10	450	1	•
Manston	1016.0	-12	SE	2	rr	55	95	5	6	-	-	10	10	800	1	•
Shoeburyness	1015.8	-14	SE'E	2	r$_0$r$_0$	56	95	5	5	-	-	10	10	1500	1	•
Clacton-on-Sea	1016.2	-10	SSW	3	rr	57	95	6	6	-	-	10	10	800	1	3
Felixstowe	1015.8	-18	S'W	2	r$_0$r$_0$	56	95	7	6	-	-	10	10	800	1	0
Scilly (St. Mary's)	1016.5	0	WNW	4	c	59	95	8	5	-	-	9+	9+	2500	0	2
Falmouth	1016.5	0	W'N	3	c	59	95	8	5	2	-	7-8	10	4000	0	0
Plymouth	1015.6	0	W	3	o	61	85	8	6	-	-	10	10	1500	1	2
Portland Bill	1013.9	-6	SW	5	f	61	95	3	5	-	-	10	10	800	1	4
Calshot, S'hampton	1014.5	-8	WSW	4	o	62	95	6	5	-	-	10	10	450	1	1
Dungeness																
Lympne	1015.6	-20	S'W	4	df	55	95	2	6	-	-	10	10	<150	1	•
Guernsey	1016.7	-10	WSW	2	dd	62	95	5	6	-	-	10	10	1500	2	4

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 16th (37)	Weather. 13h.–18h. 16th (38)	Weather. 18h. 16th to 1h. 17th (39)	Weather. 1h.–7h. 17th (40)
Lerwick	bc	bcc	c	c
Stornoway	c	c	cbc	bc
Wick	cbc	bc	bc	bcc
Tiree	cir	cir$_0$	idrid	c
Nairn	bc	bcc	cxbc	bc
Aberdeen	bm$_0$bbc	bcc	cbc	bcm$_0$
Malin Head	cr$_0$d$_0$c	c	cbcb	bbc
Renfrew	cfmmw	cmd$_0$	omm	ommw
Inchkeith (Edin.)	bcc	cbcc	co	bccw
Leuchars	bccwo	cw	cw	cw
Eskdalemuir	cwc	cw	cwr$_0$	c
Tynemouth	bc	c	co	oir$_0$
Blacksod Point	c	c	c	c
Aldergrove	crrm$_0$cdd$_0$	omr$_0$ d$_0$rrm	oid$_0$m	febcm
Donaghadee	ir$_0$m$_0$	cr$_0$r$_0$	cr$_0$r$_0$	r$_0$r$_0$c
Birr Castle	oid$_0$c	c	c	cof
Holyhead	ir$_0$	mididm	idDom$_0$	cm$_0$
Liverpool (Bidston)	cm	ord$_0$m	oddme	oFw
Chester (Sealand)	cm$_0$	idDDm	oDDmo	orm$_0$
Harrogate	c	comir$_0$	omr$_0$r$_0$	omr$_0$r$_0$
Spurn Head	bcc	bc	coddr	orre
Birmingham	r$_0$co	orrdf	od$_0$fom	oc
Cranwell	cmc	cd$_0$d$_0$	ddrmdm	ofrd$_0$d$_0$
Gorleston	bczc	c	coir$_0$	om$_0$
Valentia Obs.	c	c	cbw	bwcw
Roches Point	cv	cv⊕	cbcbw	bbccgw
Pembroke	rrfdc	c	cbc	bccw
Ross-on-Wye	or$_0$dr$_0$o	dod$_0$c	cbc	cmwbc
Leafield	coir$_0$	oddff	d'obcw	bcw
Cardington	cpr$_0$	cr$_0$r$_0$m$_0$m	orc	bccwm$_0$
Winchester	om$_0$mrdd	or$_0$r$_0$ddfm	cm$_0$bcb	bbffom
S. Farnborough	cmcr$_0$c	codDom$_0$	od$_0$m$_0$	cb,com$_0$
London (Kew)	cm$_0$cr$_0$c	or$_0$r$_0$m$_0$	or$_0$m$_0$om	ombfw
Croydon	cr$_0$m$_0$	od$_0$d$_0$m$_0$m	od$_0$mcm$_0$	cbcm$_0$
Manston	cm$_0$c	cr$_0$r$_0$orrm	orrm$_0$bc	bcwm$_0$om$_0$
Shoeburyness	bcm$_0$c	oirr$_0$r$_0$	or$_0$c	cm$_0$
Clacton-on-Sea	c	corr	orroq	oqc
Felixstowe	z$_0$c	cz$_0$r$_0$or$_0$r$_0$	or$_0$r$_0$c	cbcbmcm$_0$
Scilly (St. Mary's)	odffc	c	cbc	corr
Falmouth	orRm$_0$bc	bcc	ocbc	bccir
Plymouth	orRm$_0$d$_0$	om$_0$c	oc	come
Portland Bill	crrRddm	oddf	c	c
Calshot, S'hampton	cpr$_0$om$_0$r$_0$r$_0$	cod$_0$d$_0$m$_0$	om$_0$c	c
Dungeness				
Lympne	bm$_0$cr$_0$	cr$_0$RF	odff	bcfbc
Guernsey	odrr$_0$	oirod	omoir	or$_0$o

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.
m, mist, " 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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$_0$, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Ш, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

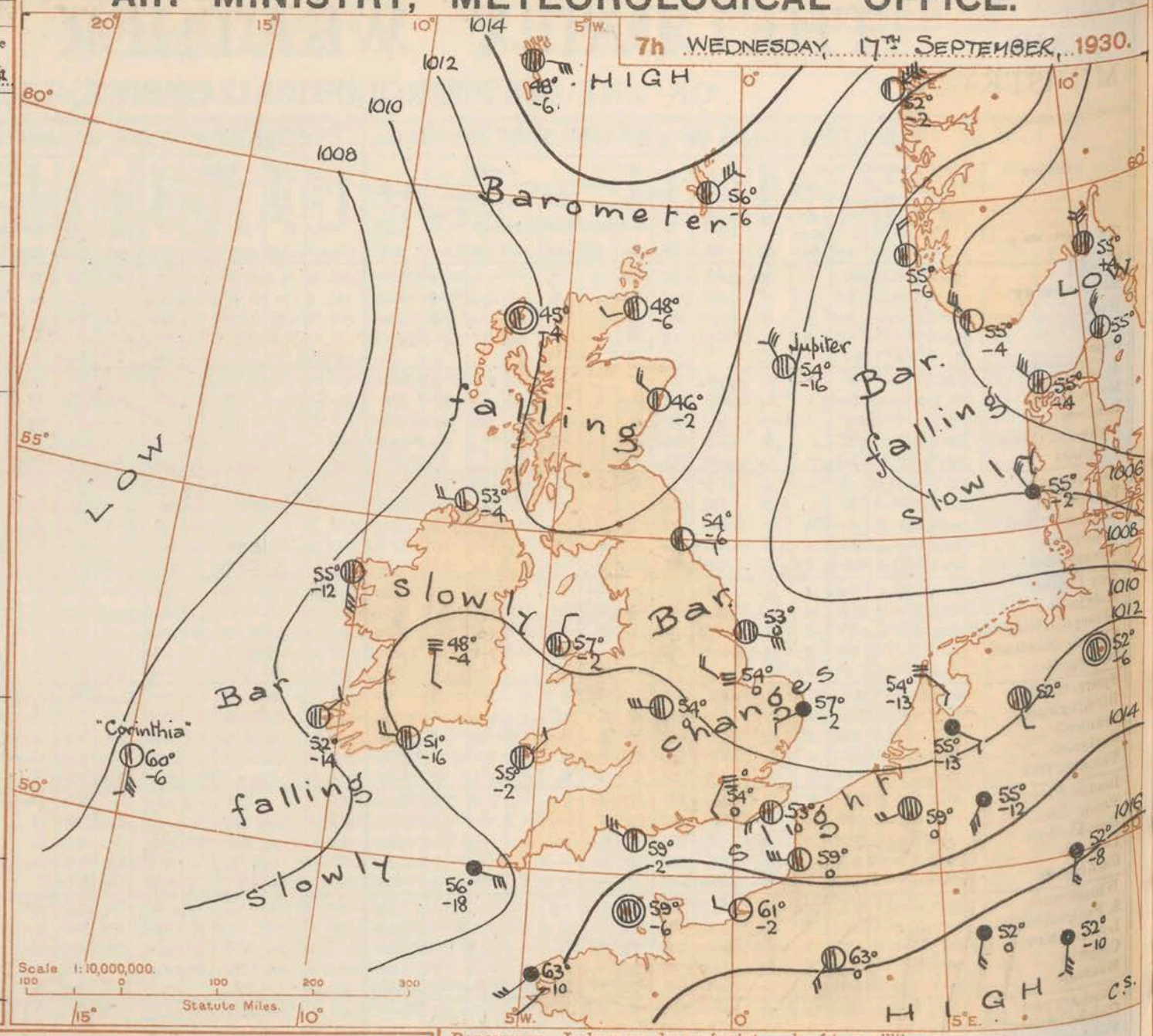
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 16th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 15th to 9h. 16th	Temperature. Max. 9h.—17h. 16th	Rainfall. Night. 17h. 15th to 9h. 16th	Rainfall. Day. 9h.—17h. 16th	Sunshine. Sunrise to 17h. 16th	Sunshine. Sunrise to Sunset 15th
Dunbar ...	bc	bc	43	56	-	-	3.8	9.4
Berwick-on-T. ...	c	c	38	55	-	-	5.1	9.6
Douglas	c	cidc	47	57	1	0.3	0.0	11.4
Llandudno ...	cor	orord	46	59	0.2	2	0.0	9.9
Colwyn Bay ...	ro	orror	45	59	0.3	2	0.0	8.6
Rhyl	cmbr	odo do	42	59	0.2	3	0.1	9.2
Wallasey ...	o	oir	47	58	-	1	0.0	9.5
Southport . ‖	opo	or	45	59	-	0.6	0.0	10.4
Blackpool ...	omc	co	46	60	-	-	0.0	11.0
Morecambe ...	cdpc	c	43	58	-	Trace	0.0	10.6
Ilkley	c	cdoz	42	56	-	Trace	0.0	9.0
Cleethorpes ...	mc	wo	44	59	-	-	0.8	10.3
Mablethorpe ...	bcomo	como	42	59	-	-	2.0	10.6
Skegness... ...	oefo	opo	43	62	-	-	1.3	7.9
Aberystwyth ...	omr	circ	49	61	0.3	2	0.0	9.2
Bath	cir	cir	46	63	2	2	0.0	10.7
Cheltenham .†	ozoir	oiroz	44	61	Trace	1	0.0	10.7
Leamington Spa	cod	.or	42	57	-	5	0.2	6.2
Lowestoft ...	bbczc	cibco	44	61	-	-	4.9	8.8
Dovercourt ...	wbcm	bcocr	46	60	-	0.2	2.7	10.0
Maldon	bcc	cor	42	61	0.3	1	1.8	10.6
Southend ...	co	or	49	66	Trace	2	2.2	10.8
Ilfracombe ...	ocp	op	54	63	4	0.4	0.2	9.6
Bude	ro	o	53	62	1.3	Trace	0.0	9.2
St. Ives	p	p	52	63	8	0.5	0.0	9.9
Penzance ...	dmc	cd	54	65	7	Trace	1.0	8.6
Torquay	rporr	mrrpbc	50	66	3	3	1.7	6.8
Jersey	cr	cr	56	65	-	1	0.3	11.3
Weymouth ...	crrd	ir.fm	50	68	4	8	0.0	10.1
Bournemouth ...	oror	of	49	62	-	7	0.0	8.5
Ventnor	our	orm	53	61	-	6	0.0	10.9
Southsea ...	or	or	51	62	-	5	0.0	11.0
Bognor Regis ...	orr	rror	49	61	-	6	0.0	10.8
Littlehampton ...	cor	cror	46	62	-	5	0.0	10.7
Worthing ...	coRd	or	47	60	-	5	0.4	9.7
Brighton... ...	bcr	r	47	61	-	4	1.1	10.7
Eastbourne .†	corr	rrodrr	48	62	-	7	1.7	10.6
Hastings †	bcco	opdor	51	63	-	2	2.1	10.1
Folkestone ...	wbcc	codor	49	66	-	1	3.3	9.7
Dover	bcc	copr	47	63	-	0.2	2.6	(9.6)
Deal	bcbc	or	47	65	-	0.5	3.0	9.5
Tunbridge Wells	oco	odo	45	60	-	Trace	1.8	9.9
Ramsgate ...	bc	or	50	63	-	0.4	2.9	10.9
Margate	bc	cd	50	63	-	Trace	2.5	10.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 17th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate variable winds becoming finally southerly or southwesterly; cloudy, some rain; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales	Moderate easterly or southeasterly winds becoming southerly or southwesterly; cloudy, some rain; moderate temperature.
7. North Wales 8. N.W. England 9. N. Midlands	Winds becoming moderate to fresh southerly or southwesterly; cloudy, some rain; moderate temperature.
10. N.E. England 11. S.E. Scotland	Light variable to moderate southerly or southeasterly winds; cloud increasing, some rain later; moderate temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Wind becoming moderate or fresh southerly; becoming cloudy with some rain later; moderate temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Light variable to moderate southerly winds; becoming cloudy with perhaps some rain later; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh winds between southeast and southwest; cloudy, some rain; moderate temperature.

GENERAL INFERENCE.

A large depression off Western Ireland will move eastward together with associated secondaries. Unsettled conditions with some rain are likely to spread slowly from the West to most districts.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 0910 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

17th September 1930.

No. 25.136

OBSERVATIONS at 1 hr. G.M.T. 17th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1014.0	0	N	3	c	51	75	8	5	2	-	4-6	9+	1500
Stornoway	30	1012.7	-4	-	0	bc	49	95	7	4	6	-	4-6	4-6	4000
Wick	81	1013.7	-4	NW	1	bc	45	95	8	5	-	-	4-6	4-6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1012.5	-8	NW	3	bc	54	95	8	7	-	-	2-3	2-3	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1013.5	-4	ESE	1	bc	52	95	8	5	-	-	4-6	4-6	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1013.1	-4	SE	1	o	54	95	8	5	-	-	10	10	1500
Blacksod Point	10	1013.2	-6	-	0	c	51	95	7	-	1	7	0	7-8	-
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1012.2	+2	WNW	4	c	57	95	7	5	-	-	9+	9+	800
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1011.7	-6	ESE	2	rr	55	95	6	6	-	-	10	10	800
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1011.3	-10	SE'S	1	f	54	95	3	5	-	-	10	10	220
Gorleston	14	1011.6	-14	S	3	ir.	58	95	6	6	-	-	10	10	1500
Valentia Obs.+	30	1014.2	?	S	4	b	54	95	8	4	-	-	Tr	Tr	4000
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1013.7	0	NW	2	bc	58	85	8	-	4	1	0	4-6	-
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1013.1	-6	WSW	3	z	58	95	6	5	-	-	10	10	1500
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1015.5	-10	NW	1	c	55	95	8	4	-	6	2-3	7-8	4000
Falmouth	200	1016.3	-6	WNW	3	bc	55	95	7	5	-	-	4-6	4-6	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1014.5	0	W	3	c	60	85	8	8	1	-	4-6	7-8	1500
Calshot, S'hampton	8	1014.1	0	WSW	2	c	58	95	7	5	7	-	4-6	9	4000
Dungeness	20														
Lympne	347	1012.8	+6	W'S	2	f	59	95	3	5	-	-	10	10	450
Guernsey	173	1016.5	-8	WNW	2	rr	59	95	6	6	-	-	10	10	1500

OBSERVATIONS at 7 hr. G.M.T. 17th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1012.5	-6	NE	4	c	56	65	8	5	2	-	4-6	7-8	1500	0	*
Stornoway	1011.8	-4	-	0	bc	45	95	8	5	8	-	4-6	4-6	4000	0	0
Wick	1012.2	-6	WSW	1	c	48	95	8	5	-	9	7-8	10	2500	0	2
Tiree	1011.8	-4	-	0	dd	53	95	5	5	2	-	9	10	1500	1	1
Nairn	1012.3	•	-	0	bc	43	85	7	2	-	4	2-3	4-6	4000	0	*
Aberdeen	1012.7	-2	NW	2	bc	46	95	6	-	7	8	0	4-6	-	1	1
Malin Head	1011.1	-4	W	2	bc	53	55	8	2	-	2	2-3	4-6	2500	0	1
Renfrew	1012.8	0	E	1	m	51	95	4	5	-	-	10	10	2500	1	*
Inchkeith (Edin.)	1012.4	-6	ESE	1	c	50	95	8	5	-	9	4-6	7-8	800	1	0
Leuchars	1012.8	0	N	1	c	46	95	7	7	3	-	7-8	9	2500	1	*
Eskdalemuir	1012.5	0	NE'N	1	c	48	95	5	5	3	-	7-8	7-8	220		*
Tynemouth	1011.9	-6	E	1	c	54	95	8	6	-	-	7-8	7-8	1500	1	1
Blacksod Point	1011.0	-12	S	3	c	55	85	8	-	7	-	0	9+	-	0	2
Aldergrove	1012.1	-4	-	0	c	50	95	5	5	1	-	4-6	7-8	<150	1	*
Donaghadee	1011.5	-4	SW	1	c	53	95	6	5	-	-	9	9	1500	1	0
Birr Castle	1012.5	-4	S	1	f+	48	95	2	5	-	-	10	10	1500	1	*
Holyhead	1011.8	-2	NNE	1	c	57	95	5	5	1	-	9+	10	1500	1	0
Liverpool (Bidston)	1011.8	0	-	0	f	53	95	2	5	-	-	9+	9+	450	1	*
Chester (Sealand)	1012.4	0	NNW	1	m	54	95	4	5	3	-	4-6	7-8	1500	0	*
Harrogate	1012.3	0	-	0	o/r	49	95	4	5	-	-	10	10	<150	1	*
Spurn Head	1010.9	0	E'S	3	c/r	53	95	7	3	2	-	4-6	10	4000	1	2
Birmingham	1012.1	0	W	2	c	54	95	6	5	-	-	9	9	4000	1	*
Cranwell	1010.8	0	NW'W	2	f	54	95	2	-	-	-	10	10	<150	0	*
Gorleston	1010.5	-2	W'S	1	id.	57	95	5	6	-	-	10	10	1500	0	2
Valentia Obs.+	1010.8	-14	NE	1	c	52	95	8	5	2	-	2-3	10	7200	1	3
Roches Point	1012.3	-16	W	2	c	51	95	8	3	-	-	9	9	1500	0	0
Pembroke	1012.3	-2	NE	1	c	55	95	7	5	2	-	2-3	9	4000	1	1
Ross-on-Wye	1012.2	-6	WSW	2	c	53	95	8	4	5	8	Tr	7-8	4000	1	*
Leafield	1012.3	0	W'S	3	c	53	95	6	1	3	7	Tr	9	800	1	*
Cardington	1011.6	+2	WSW	3	c	54	95	6	4	3	2	4-6	7-8	2500	1	*
Winchester	1013.1	-2	-	0	m	51	95	4	5	-	-	10	10	800	1	*
S. Farnborough	1012.5	-2	WNW	2	o	55	95	6	5	-	-	10	10	450	1	*
London (Kew)	1012.7	0	SW'S	1	bc/f	54	95	4	-	-	2	0	4-6	-	1	*
Croydon	1012.8	+2	WSW	3	z	54	95	6	5	-	2	2-3	9	800	1	*
Manston	1012.0	0	WSW	2	c	57	95	6	5	-	7	Tr	9+	1500	1	*
Shoeburyness	1012.4	0	W	2	c	57	95	6	-	3	6	0	9	-	1	*
Clacton-on-Sea	1011.7	0	WSW	3	c	57	95	7	4	1	-	4-6	7-8	800	1	2
Felixstowe	1011.5	-2	W'S	2	z	56	95	5	-	3	7	0	7-8	-	1	0
Scilly (St. Mary's)	1011.8	-18	ESE	3	RR	56	95	6	6	-	-	10	10	4000	1	2
Falmouth	1013.1	-14	ESE	2	ir.	57	95	7	5	2	-	7-8	10	4000	1	0
Plymouth	1013.3	-6	E	1	z	54	95	6	5	2	-	9?	10	450	1	1
Portland Bill	1013.1	-2	W'N	3	c	59	85	8	8	7	1	4-6	7-8	2500	1	3
Calshot, S'hampton	1013.2	-8	W'N	2	c	55	95	7	-	7	1	0	7-8	-	1	0
Dungeness																
Lympne	1012.5	0	W	2	m	53	95	4	5	7	-	2-3	7-8	800	1	*
Guernsey	1014.8	-6	-	0	o	59	95	6	5	-	-	10	10	2500	1	3

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 16h Hrs. (36)
Lerwick	55	49	*	—	-	5.2
Stornoway	56	43	*	—	-	0.7
Wick	56	44	*	—	-	*
Tiree	55	51	50	1	1	0.0
Nairn	55	43	*	—	-	3.5
Aberdeen	59	45	39	—	-	5.9
Malin Head	58	52	*	1	-	0.9
Renfrew	58	51	47	Tr.	-	0.0
Inchkeith (Edin.)	59	49	45	—	Tr	2.6
Leuchars	59	42	38	—	Tr	3.8
Eskdalemuir	57	47	43	—	Tr	0.3
Tynemouth	56	53	49	—	0.4	*
Blacksod Point	61	54	*	Tr.	-	*
Aldergrove	59	49	40	3	0.5	0.1
Donaghadee	56	53	*	6	7	*
Birr Castle	64	47	38	0.2	-	1.6
Holyhead	58	57	54	3	0.6	0.0
Liverpool (Bidston)	57	52	51	1	1	0.1
Chester (Sealand)	58	54	52	1	1	0.0
Harrogate	54	49	49	Tr.	3	0.2
Spurn Head	59	53	*	Tr.	6	1.9
Birmingham	55	51	47	4	0.1	0.1
Cranwell	59	53	53	Tr.	3	0.8
Gorleston	62	56	54	—	1	4.1
Valentia Obs.+	61	50	46	—	Tr	2.5
Roches Point	62	49	*	—	Tr	*
Pembroke	61	54	*	1	-	0.0
Ross-on-Wye	61	49	42	1	-	0.0
Leafield	57	51	48	1	0.3	0.0
Cardington	60	53	51	0.4	0.3	0.8
Winchester	61	48	41	4	-	0.0
S. Farnborough	59	52	43	2	Tr	0.1
London (Kew)	61	51	44	2	0.1	0.1
Croydon	61	54	50	0.6	Tr	0.3
Manston	62	54	49	3	1	2.1
Shoeburyness	62	55	52	2	1	2.5
Clacton-on-Sea	61	55	52	2	1	2.8
Felixstowe	61	55	53	0.6	0.5	2.7
Scilly (St. Mary's)	62	54	*	0.1	3	0.0
Falmouth	65	55	*	4	Tr	0.5
Plymouth	65	53	51	7	Tr	0.7
Portland Bill	61	58	*	9	-	*
Calshot, S'hampton	62	53	46	4	Tr	0.0
Dungeness			*			
Lympne	61	52	49	2	2	2.0
Guernsey	64	58	56	3	2	0.1

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility. 9h. To-day.
Kew	18	cm.cr.c	or.r.m.	or.mbfw	61	51	44	2	0.1	0.1	•	•	6
Croydon	244	cr.m.	od.d.m.m	od.nbcm	61	54	50	0.6	Tr	0.3	•	•	6
Greenwich (Royal Observatory)	149	cir.	cdd	cdmcw	63	54	49	2	Tr	0.0	91	83	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	60	55	52	2		0.0	89	82	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	crc	crcorcr	•	60	55	*	3	0.3	•	•	88	•
Kensington Palace	80	bcowcm	codr	•	60	54	48	2	0.2	•	At 18h. 99	86	•
Hampstead Observatory	450	bcm	ormof	•	60	46	45	2	0.3	0.1	•	91	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 17th

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
1.0	8 and 9h 16th	<0.3	23h 16th to 5h 17th	0.3	8h 16th	<0.1	1h 17th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 16th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 17th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1019.8	WSW	3	c	61	1015.7	SW	2	c	63	66	61	Tr	2
Brussels	1017.5	SW	2	c	59	1012.2	WSW	2	o	59	63	55	-	3
Berlin	1013.6	WSW	4	c	57	1012.3	WSW	2	c	55	61	54	0.2	-
Zürich	1021.6	N	1	bc	57	1019.8	S	1	z	46	68	45	-	Tr
Rome						1023.3	NE	2	bc	72				-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

COLUMN 30.—Code for State of Sea.

0 Calm. 1 Smooth. 2 Slight. 3 Moderate. 4 Rough. 5 Very rough. 6 High. 7 Very high. 8 Precipitous. 9 Confused.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

+ hr observations are from Valentia W/T station

...CTION
...1930.

...OURS.

...NFALL. Night 18h-7h mm. (35)	SUNSHINE 16H Hrs. (36)
-	5.2
-	0.7
-	•
/	0.0
-	3.5
-	5.9
-	0.4
-	0.0
Tr	2.6
Tr	3.8
Tr	0.3
0.4	•
-	•
0.5	0.1
7	•
-	1.6
0.6	0.0
1	0.1
1	0.0
3	0.2
6	1.9
0.1	0.1
3	0.8
1	4.1
Tr	2.5
Tr	•
-	0.0
-	0.0
0.3	0.0
0.3	0.8
-	0.0
Tr	0.1
0.1	0.1
Tr	0.3
1	2.1
1	2.5
1	2.8
0.5	2.7
3	0.0
Tr	0.5
Tr	0.7
-	•
Tr	0.0
	•
2	2.0
2	0.1

...RS, etc.

22.—Code for visibility.
... not visible at 55 yards.
... 220 "
... 550 "
... 1,100 "
... 1¼ miles.
... 2½ "
... 6¼ "
... 12½ "
... 31 "
... beyond 31m.

...—Code for ...f Sea.
... Very rough.
... High.
... Very high.
... Precipitous.
... Confused.

...rector.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

18th September 1930.

No. 25,137.

OBSERVATIONS at 13h. G.M.T. 17th September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1012.3	-2	NNE	3	c	51	65	8	5	2	–	4-6	10	1500
Stornoway	1010.0	-4	SSE	1	bc	59	65	8	1	7	–	2-3	2-3	4000
Wick	1011.5	-6	SE	1	c	53	85	8	8	2	–	7-8	10	1500
Tiree	1009.4	-14	SE	3	c	56	85	6	5	1	–	7-8	10	1500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.3	-10	ESE	2	c	55	75	8	1	3	–	1	9	4000
Malin Head	1008.7	-14	NE	2	c	57	85	8	7	6	1	7-8	7-8	2500
Renfrew	1010.2	-20	E	1	z	58	75	5	8	–	–	10	10	5700
Inchkeith (Edin.)	1010.9	-12	ESE	3	bc	59	95	8	5	–	–	2-3	2-3	800
Leuchars	1010.9	-14	E	3	bc	58	65	8	2	–	1	2-3	2-3	2500
Eskdalemuir	1010.0	-14	ESE	3	c	56	65	6	8	7	–	4-6	9+	1500
Tynemouth	1011.3	-4	E	1	c	55	75	8	6	–	–	9	9	1500
Blacksod Point	1007.2	-12	S	3	bc	59	75	8	5	7	–	2-3	~~2-3~~ 7-8	1500
Aldergrove	1009.0	-22	–	0	c	55	95	7	8	2	–	7-8	10	1500
Donaghadee	1009.2	-12	SSE	2	c	56	95	7	5	2	–	7-8	9	2500
Birr Castle	1007.8	-24	N	1	c	57	75	8	5	2	–	1	10	2500
Holyhead	1009.0	-22	SE	1	c	60	85	7	2	7	–	1	9+	1500
Liverpool (Bidston)	1009.3	-16	E	2	o	60	75	5	5	–	–	10	10	1500
Chester (Sealand)	1010.2	-20	SE'E	2	z	61	85	5	5	1	–	4-6	10	1500
Harrogate	1011.2	-6	SE	1	c	52	95	5	6	2	–	7-8	10	2500
Spurn Head	1011.1	0	E'N	2	c	56	85	7	5	2	–	2-3	10	4000
Birmingham	1010.8	-10	S	2	roro	58	85	5	6	–	–	10	10	1500
Cranwell	1011.1	-8	ENE	2	dodo	55	95	6	6	–	–	10	10	450
Gorleston	1010.6	0	W'N	2	c	61	95	6	4	–	–	9+	9+	2500
Valentia Obs.	1006.4	-22	SE'E	3	c/r	58	75	9	5	2	–	4-6	10	5700
Roches Point	1006.6	-30	SE	3	rr	56	95	7	6	–	–	10	10	1500
Pembroke	1007.7	-30	E	3	rr	55	85	6	6	2	–	4-6	10	800
Ross-on-Wye	1010.1	-14	SE	2	c	61	75	8	6	1	–	1	10	2500
Leafield	1011.0	-10	SSE	2	iro	59	75	8	7	1	–	Tr.	10	4000
Cardington	1011.0	-4	SW	2	pr	63	75	8	3	1	7	4-6	10	2500
Winchester	1011.2	-16	S	3	iro	61	75	7	9	2	–	4-6	10	800
S. Farnborough	1011.4	-10	SSW	2	c	63	75	8	2	2	–	4-6	10	1500
London (Kew)	1011.9	-8	SSW	1	c	64	75	7	4	2	–	1	10	2500
Croydon	1011.9	-10	SSW	2	c	63	75	7	4	7	–	1	10	1500
Manston	1011.8	-6	WSW	2	c	65	65	7	1	1	–	2-3	10	2500
Shoeburyness	1012.0	-4	WSW	2	c	63	85	6	5	1	–	4-6	10	2500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.7	0	W'N	2	c	64	65	7	2	1	–	4-6	9+	2500
Scilly (St. Mary's)	1005.0	-30	SSW	6	RR	61	95	6	6	–	–	10	10	4000
Falmouth	1007.7	-20	SSW	6	rr	61	95	6	6	2	–	7-8	10	2500
Plymouth	1008.4	-34	S	6	rr	60	95	6	6	–	–	10	10	450
Portland Bill	1011.1	-16	SSE	3	rr	57	85	6	5	–	–	10	10	800
Calshot, S'hampton	1012.1	-10	SW	2	dodo	58	95	6	6	2	–	9	10	~~450~~ 800
Dungeness														
Lympne	1012.1	-4	SW'W	2	c	62	75	8	7	7	–	2-3	9+	2500
Guernsey	1012.0	-16	SSW	1	c	66	85	7	5	–	–	7-8	7-8	2500

OBSERVATIONS at 18h. G.M.T. 17th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low. (23)	Cloud Form Med. (24)	Cloud Form High. (25)	Cloud Amount Low. 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1010.3	-10	N'E	3	c	50	85	8	5	9	1	2-3	7-8	1500	0	•
Stornoway	1007.2	-8	ENE	1	c	54	75	8	5	9	–	2-3	7-8	4000	0	0
Wick	1009.7	-10	SE	3	c	51	95	8	5	2	–	7-8	10	1500	0	3
Tiree	1006.3	-22	SE'E	2	c	55	95	6	5	3	4	2-3	9+	2500	0	1
Nairn	1007.5	•	ENE	3	c	53	85	8	8	9	–	4-6	7-8	2500	0	•
Aberdeen	1009.2	-8	E	2	c	54	75	8	2	3	–	2-3	10	2500	0	0
Malin Head	1004.9	-22	E'N	4	c	56	95	7	5	7	–	7-8	9+	1500	0	1
Renfrew	1007.4	-18	ENE	3	z	54	85	5	5	2	–	2-3	10	5700	1	•
Inchkeith (Edin.)	1008.4	-12	E	3	c	53	95	8	5	2	–	4-6	10	800	0	1
Leuchars	1008.7	-10	ESE	3	c	53	75	8	4	3	–	1	9+	2500	!	•
Eskdalemuir	1007.6	-14	ENE	3	o	51	85	6	5	–	–	10	10	1500	1	•
Tynemouth	1008.4	-12	SE	1	o	54	85	8	6	–	–	10	10	1500	0	1
Blacksod Point	1004.4	-12	S	3	rr	56	85	8	6	–	–	10	10	450	1	3
Aldergrove	1004.7	-28	NE'E	2	c	54	85	6	5	7	–	Tr.	9+	4000	1	•
Donaghadee	1004.7	-12	ESE	2	c	56	95	6	5	–	–	9	9	800	0	1
Birr Castle	1003.3	-16	NE	1	rr	52	95	7	6	–	–	10	10	2500	1	•
Holyhead	1003.8	-34	ESE	2	rr	55	95	6	6	2	–	9+	10	2500	1	0
Liverpool (Bidston)	1005.1	-16	ESE	3	rr	55	95	4	9	–	–	10	10	800	1	•
Chester (Sealand)	1006.2	-28	SE'E	3	roro	55	95	6	6	–	–	10	10	1500	1	•
Harrogate	1008.0	-14	SE	1	c	52	95	5	6	2	–	9	10	2500	1	•
Spurn Head	1008.4	-10	ESE	3	pr	54	95	7	6	2	–	4-6	10	2500	1	3
Birmingham	1006.3	-24	SE	3	rr	55	95	5	6	–	–	10	10	800	1	•
Cranwell	1008.0	~~-40~~ -30	E'S	2	roro	54	95	4	6	–	–	10	10	450	1	•
Gorleston	1009.2	-6	S	1	roro	60	95	6	6	–	–	10	10	1500	1	1
Valentia Obs.	1003.9	-14	N'W	3	c/r	54	85	8	5	–	–	9+	9+	1500	1	1
Roches Point	1000.3	-34	NE	3	roro	53	95	7	6	–	–	10	10	800	1	0
Pembroke	997.6	-44	S	4	RR	60	95	5	6	–	–	10	10	800	2	2
Ross-on-Wye	1004.2	-36	SSE	3	dd	57	95	6	6	–	–	10	10	800	1	•
Leafield	1006.3	-26	SSE	4	rr	54	95	7	6	–	–	10	10	220	1	•
Cardington	1007.9	-16	S'E	3	roro	57	95	7	3	2	–	7-8	10	1500	1	•
Winchester	1007.4	-22	SSE	4	rr	58	95	6	6	–	–	10	10	220	1	•
S. Farnborough	1008.1	-22	S'E	2	rr	56	95	6	6	–	–	10	10	450	1	•
London (Kew)	1007.7	-26	SSE	2	r	58	95	6	6	–	–	10	10	1500	1	•
Croydon	1009.6	-12	SSE	3	roro	57	95	6	6	2	–	4-6	10	1500	1	•
Manston	1010.2	-12	S'E	2	roro	57	95	7	5	2	–	7-8	10	2500	1	•
Shoeburyness	1010.1	-10	WSW	2	rr	58	95	7	5	–	–	10	10	2500	1	•
Clacton-on-Sea	1010.1	-10	SSW	4	o	61	85	6	6	–	–	10	10	800	0	3
Felixstowe	1010.1	-14	SSW	4	rr	61	85	8	6	2	–	9	10	1500	0	1
Scilly (St. Mary's)	998.8	-12	WSW	6	c/r	60	95	6	6	–	–	7-8	7-8	2500	1	5
Falmouth	1000.4	-24	S'W	9	RR	60	95	6	6	–	–	10	10	2500	2	5
Plymouth	1002.5	-42	S	7	rr	59	95	6	6	–	–	10	10	450	2	4
Portland Bill	1006.1	-26	S'W	5	rr	62	85	6	5	–	–	10	10	1500	1	3
Calshot, S'hampton	1008.2	-22	S'W	4	dodo	62	95	6	5	–	–	10	10	800	1	2
Dungeness																
Lympne	1010.1	-10	S'E	3	roro	58	95	6	5	–	–	10	10	1500	1	•
Guernsey	1008.1	-30	S	3	o	64	85	7	5	–	–	10	10	2500	0	4

PAST 24 HOURS.

Stations.	Weather 7h.–13h. 17th (37)	Weather 13h.–18h. 17th (38)	Weather 18h. 17th to 1h. 18th (39)	Weather 1h.–7h. 18th (40)
Lerwick	c	c	cpor	c
Stornoway	bc	bcc	c	cr
Wick	c	c	c	cpor orr
Tiree	idc	cmo	cmor	Rr
Nairn	bc	bcc	cr	RRo
Aberdeen	cbcc	cbcc	c	corrq
Malin Head	bcc	c	ciroOiR	oiRciroc
Renfrew	omomo	cmo	rocmorr	omrrR
Inchkeith (Edin.)	cbc	bcco	orr	orr
Leuchars	cbcwb	bbcc	corro	oRRq
Eskdalemuir	cbcc	cmo	crr	crrdd
Tynemouth	c	co	oiR	orrq
Blacksod Point	c	c	prc	prc
Aldergrove	c	cmo	crr	crrc
Donaghadee	c	cmo	crrq	cRrc
Birr Castle	Ffoc	corr	orr	orrc
Holyhead	cmo	c, roro	RR rr	bccmo
Liverpool (Bidston)	omgmo	omprr	orr	oirQ
Chester (Sealand)	cm	cmogrro	rr	cq pro
Harrogate	ocro	ociro	coRR	orrcQ
Spurn Head	bc	cpd	crorrq	orrqc
Birmingham	coro	ororr	or Rr	oc
Cranwell	ofdodm	dodmrr	orrRRm	rrmcb
Gorleston	odoc	coiro	ororRrq	orrcq
Valentia Obs.	cirocv	crorc	ciro	cpobc
Roches Point	cgorr	ororoTo	ororoc	cbc
Pembroke	cir	Rrmo	orrirq	bcpoq
Ross-on-Wye	croc	crrd	drrqoq	cqbc
Leafield	ciro	orr	oRR	c
Cardington	c⊕cpr	cprocroro	crorrq	cqbc
Winchester	omcmoc	cro ororrr	orrmoRR	ocroc
S. Farnborough	omoc	croorr	orrmo	orrcbcv
London (Kew)	bcmc	cormo	crrmo	orcbc
Croydon	cmozo⊕	cdororomo	corro	ororocmbc
Manston	cmocbcc	croro	ororo	ororoorobc
Shoeburyness	cmobccm	ciroororo	orrq	orqcq
Clacton-on-Sea	cbc	bcco	ogrr	ogrrcbc
Felixstowe	bczoc	croro	crr	crrbc
Scilly (St. Mary's)	orr	oRr	cido	cpo
Falmouth	corrqmo	oRrqmo	oRqmo	bcpo
Plymouth	omorrR	omorrRq	oqmrrc	cbc
Portland Bill	crrzo	orrzo	oRR	ocbc
Calshot, S'hampton	bcdodomo	crododomo	oddrrrrmq	orr, b
Dungeness				
Lympne	bcmoc	crocrocro	prcromo	brrromcbc
Guernsey	odrmc	coo	oiriq	oqcbc

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.
m, mist, „ 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain.
rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ⋓, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

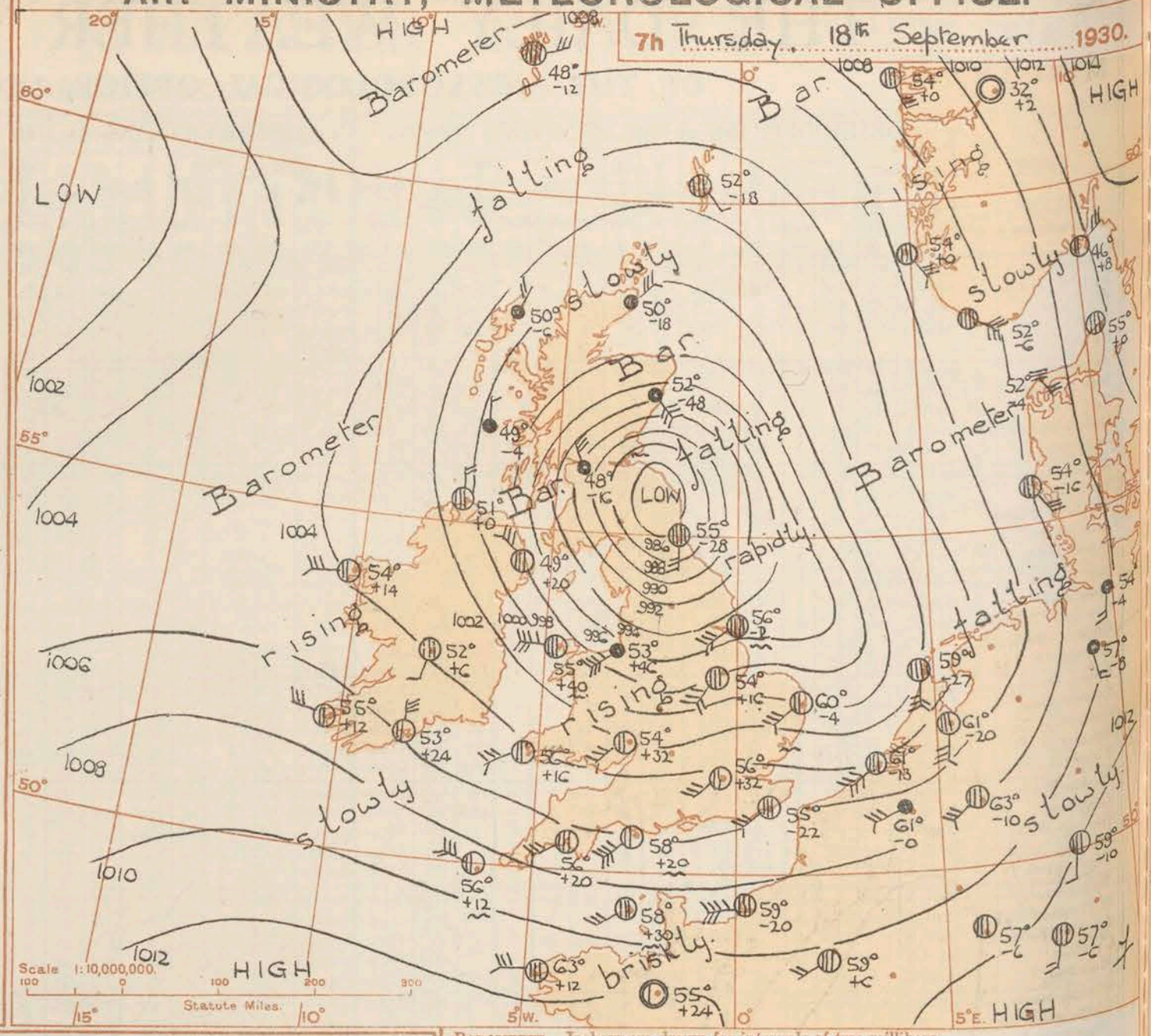
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 17th September 1930.

STATIONS.	WEATHER. Forenoon.	WEATHER. Afternoon.	TEMPERATURE. Min. 9h. 16th to 9h. 17th	TEMPERATURE. Max. 9h.—17h. 17th	RAINFALL. Night. 17h. 16th to 9h. 17th	RAINFALL. Day. 9h.—17h. 17th	SUNSHINE. Sunrise to 17h. 17th	SUNSHINE. Sunrise to Sunset. 16th
Dunbar ...	bc	o	46	57	–	–	4.6	2.8
Berwick-on-T. ...	bc	co	45	57	–	–	2.7	5.1
Douglas	oc	bgz	53	56	1	–	0.0	0.0
Llandudno ...	o	or	53	60	4	1	0.0	0.0
Colwyn Bay ...	rro	ororr	55	59	4	3	0.0	0.0
Rhyl	omb c	ombrr	53	61	2	1	0.0	0.1
Wallasey ...	bo	or	50	60	1	1	0.0	0.0
Southport ‖	o	or	52	59	1	0.4	0.0	0.0
Blackpool ...	oro	co	50	57	1	–	0.0	0.0
Morecambe ...	c	c	50	59	2	–	0.0	0.0
Ilkley	mdo co	cod o	47	54	2	Trace	0.0	0.0
Cleethorpes ...	ro	od	53	56	6	Trace	0.0	0.8
Mablethorpe ...	oirmb	oirmb	53	56	3	0.3	0.0	2.0
Skegness... ...	oeo	oro	54	60	1	1	0.0	1.3
Aberystwyth ...	cpre	corr	56	58	0.3	4	0.0	0.0
Bath	cbcc	crr	53	65	–	2	0.9	0.0
Cheltenham †	woip	oiror	50	61	–	2	0.0	0.0
Leamington Spa	od	od	51	60	0.2	0.4	0.0	0.2
Lowestoft ...	czbcz	cibcc	54	64	2	–	1.1	4.9
Dovercourt ...	dbc	bc.oc	52	65	1	–	3.3	2.7
Maldon	bob	co	54	66	1	–	2.4	1.8
Southend ...	cg	or	55	67	2	Trace	2.2	2.2
Ilfracombe ...	rr	rr	58	62	–	5	0.0	0.2
Bude	orr	r	56	62	–	7	0.0	0.0
St. Ives	rr	rr	56	63	1	38	0.0	0.0
Penzance ...	orr	orr	55	62	11	32	0.0	1.0
Torquay	orpm	orrgr	54	62	0.2	11	0.2	1.7
Jersey	rdc	c	60	67	3	0.4	0.7	0.2
Weymouth ...	cbc	cdro	50	62	–	2	1.2	0.0
Bournemouth ...	cbcr	roro	53	62	–	2	1.5	0.1
Ventnor	rocpf	opfu	55	62	0.3	0.3	1.9	0.0
Southsea ...	bco	or	55	63	0.2	1	1.2	0.0
Bognor Regis ...	bcbcc	oidrc	54	64	6	0.5	2.0	0.0
Littlehampton ...	bcc	crc	53	63	0.1	0.2	2.1	0.0
Worthing ...	cbc	or	55	64	0.5	0.3	2.1	0.4
Brighton... ...	bcbc	bcr	55	64	1	Trace	1.9	1.1
Eastbourne †	cbco	orb oirb	56	63	4	0.2	2.2	1.7
Hastings †	cbcc	copod	55	65	3	1	1.7	2.1
Folkestone ...	cbcc	coirb	55	68	3	1	3.8	3.3
Dover	bcbc	bccor	56	64	6	0.5	4.0	2.6
Deal	bobc	cod	54	64	4	Trace	3.3	3.0
Tunbridge Wells	oco	od	53	62	0.3	0.5	1.4	1.8
Ramsgate ...	bc	or	55	62	4	Trace	3.8	2.9
Margate... ...	bcbc	cdo	56	65	3	Trace	3.4	2.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/10 clouded. ◑ Sky 1/10 to 1/10 clouded. ◒ Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. ⊤ Thunder. ⊤ Thunderstorm.
SEA DISTURBANCE. ⌒ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th September, 1930.

DISTRICTS.	FORECASTS
1. S.E. England ↓ 2. E. England... ↓ 3. E. Midlands	Fresh westerly to northwesterly winds, backing tomorrow and freshening; bright periods, occasional showers, today, some rain later tomorrow; moderate temperature.
4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓	Fresh westerly winds today backing and becoming strong tomorrow; mainly fair today, some rain tomorrow; moderate temperature.
7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands	Fresh northwesterly winds today, backing, strong tomorrow; bright periods, occasional showers, today, rain tomorrow; moderate temperature.
10. N.E. England ↓ 11. S.E. Scotland ↑	Strong westerly to northerly winds today, backing and moderating temporarily; bright periods, occasional showers, today, some rain later tomorrow; moderate temperature.
12. S.W. Scotland & Isle of Man ↓ 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Moderate variable winds becoming strong southerly; mainly fair today, some rain tomorrow; moderate temperature.
15. N.E. Scotland ↑ 16. Orkneys and Shetlands.	Fresh or strong northerly winds moderating; some rain early followed by occasional showers and bright periods; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland	Moderate westerly winds backing and becoming strong; mainly fair today, rain tomorrow; moderate temperature.

GENERAL INFERENCE.

An intense depression over North-east-England is moving northeastward, while further disturbances are likely to approach from the Atlantic. After a short interval of mainly fair weather generally though with occasional showers unsettled conditions will be renewed on the western seaboard of Ireland to spread eastward.

FURTHER OUTLOOK.

Unsettled.

↑ North Cone Flying.

↓ South Cone Flying.

Forecasts issued at 0930 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

18th September 1930.

No. 25.137

OBSERVATIONS at 1 hr. G.M.T. 18th September

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Cloud. Height of Base. (feet) (14)
Lerwick	54	1006.2	-20	ENE	2	c	52	75	7	5	2	-	4-6	7-8	1500
Stornoway. ...	30	1003.2	-16	NE	1	0	52	85	7	5	-	-	10	10	4000
Wick	81	1003.8	-20	ESE	3	c	52	85	8	3	2	-	4-6	10	1500
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head ...	51	1000.2	-18	NW	1	iR	51	95	6	6	-	-	10	10	1500
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Inchkeith (Edin.)	190	1001.1	-28	E	3	rr	51	95	7	6	-	-	10	10	2500
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth ...	67	998.5	-48	ESE	3	r.r.	53	95	6	6	-	-	10	10	1500
Blacksod Point ...	10	1002.3	-10	W	4	c	53	85	7	9	-	-	7-8	7-8	1500
Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead... ..	26	986.9	-60	SW'W	6	c/r	57	95	6	5	-	-	7-8	7-8	800
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate... ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head ...	29	997.0	-34	SE'S	6	rr	58	95	6	6	-	-	10	10	1500
Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell ...	[illegible]	996.8	-52	SSE	5	rr	58	95	4	6	-	-	10	10	450
Gorleston	14	1002.9	-40	SSE	6	RR	59	95	6	6	-	-	10	10	800
Valentia Obs.† ...	30	1004.7	0	WSW	2	PR	52	95	8	5	-	-	9+	9+	2500
Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke... ...	150	998.8	+20	W	4	q	55	85	7	8	-	-	4-6	4-6	2500
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cardington ...	100	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester ...	272	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1001.7	-38	S	5	r.r.	58	95	6	6	-	-	10	10	450
Manston	135	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	55	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scilly (St. Mary's)	163	1006.0	+24	WNW	6	c	56	95	7	8	-	-	7-8	7-8	4000
Falmouth... ...	200	1004.9	+46	W'N	4	pr	55	85	8	3	-	-	7-8	7-8	~~4150~~ 4000
Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill ...	32	1000.7	+2	W'S	7	0	60	75	8	5	-	-	10	10	800
Calshot, S'hampton	8	1000.9	-30	WSW	6	rr	62	95	6	6	-	-	10	10	450
Dungeness ...	20														
Lympne	347	1004.6	-28	SSW	4	ir.	61	95	6	5	2	-	9+	10	1500
Guernsey	173	1005.2	+4	WSW	4	q	58	95	6	5	-	-	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 18th September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1002.3	-18	ESE	1	c	52	75	7	5	2	-	4-6	9+	1500	0	*
Stornoway. ...	1000.4	-6	NE	2	r	50	95	7	3	-	-	10	10	2500	1	1
Wick	999.8	-18	NE	4	rr	50	95	8	6	-	-	10	10	1500	1	3
Tiree	999.9	-4	N	1	r.r.	49	85	7	5	2	-	4-6	10	2500	1	1
Nairn	998.7	*	E	1	RR	49	95	7	6	-	-	10	10	800	2	*
Aberdeen	995.4	-48	ESE	6	rr	52	95	6	6	-	-	10	10	1500	1	3
Malin Head ...	1000.0	0	N	2	c	51	95	8	6	2	-	7-8	9+	1500	1	1
Renfrew	993.6	-16	WNW	3	rr	48	95	6	6	-	-	10	10	800	1	*
Inchkeith (Edin.)	986.7	-46	NE	7	r.r.	52	95	7	6	-	-	10	10	450	1	4
Leuchars	990.2	-60	NNE	5	RR	51	95	6	6	-	-	10	10	450	1	*
Eskdalemuir ...	985.1	-34	N	3	dd	52	95	5	6	-	-	10	10	800	1	*
Tynemouth ...	986.9	-28	S	3	0	55	85	7	6	-	-	10	10	1500	1	3
Blacksod Point ...	1003.6	+14	W	4	bc	54	75	8	3	-	-	4-6	4-6	1500	0	2
Aldergrove ...	999.2	+10	WNW	4	c	49	85	8	5	2	-	1	10	800	1	*
Donaghadee ...	996.5	+20	NW	4	c	49	85	8	5	2	-	4-6	9	2500	1	3
Birr Castle ...	1003.7	+6	SSW	1	c	52	95	8	8	-	-	7-8	7-8	2500	1	*
Holyhead... ..	1000.4	+40	W'N	7	c	55	85	8	5	-	-	9+	9+	1500	1	4
Liverpool (Bidston)	996.4	+46	W'S	7	PR	53	85	6	6	-	-	10	10	1500	1	*
Chester (Sealand)	998.3	-34	W	6	c/pr	54	75	7	6	-	-	9+	9+	1500	1	*
Harrogate... ...	991.2	-10	SW	8	q	51	85	7	6	-	-	9+	9+	2500	1	*
Spurn Head ...	995.3	-4	WSW	5	c/p	56	85	7	3	7	9	4-6	9+	4000	1	4
Birmingham ...	1001.3	+24	W	5	bc	52	75	8	5	-	-	4-6	4-6	2500	1	*
Cranwell ...	997.4	+16	SW'W	5	c	54	85	8	5	-	-	9	9	1500	1	*
Gorleston	999.7	-4	WSW	4	bc	60	85	6	7	-	-	4-6	4-6	2500	1	3
Valentia Obs.† ...	1006.3	+12	W'N	3	bc	55	85	8	7	-	9	2-3	4-6	2500	1	3
Roches Point ...	1005.2	+24	N	3	bc	53	95	8	5	-	-	2-3	2-3	1500	1	0
Pembroke... ...	1004.3	+16	W	4	bc/pr	56	75	8	7	-	-	4-6	4-6	2500	1	3
Ross-on-Wye ...	1003.3	+32	W'S	4	bc	54	75	8	7	-	1	2-3	2-3	4000	1	*
Leafield	1002.9	+20	SW'W	4	c	51	85	9	5	-	-	7-8	7-8	4000	1	*
Cardington ...	1001.7	+28	SW'W	5	c	55	75	8	5	3	-	7-8	9	2500	1	*
Winchester ...	1005.1	+32	WSW	4	c	53	85	8	5	-	-	7-8	7-8	4000	1	*
S. Farnborough ...	1004.5	+28	WSW	5	bc	54	85	8	5	-	1	2-3	2-3	1500	1	*
London (Kew) ...	1004.3	+32	WSW	3	bc	56	75	8	4	-	-	4-6	4-6	2500	1	*
Croydon	1004.4	+28	WSW	4	c	55	85	8	5	-	-	7-8	7-8	1500	1	*
Manston	1003.6	+22	W'S	4	bc	58	75	7	6	-	-	2-3	2-3	2500	1	*
Shoeburyness ...	1003.0	+20	WSW	5	bc/r	57	85	8	4	-	-	4-6	4-6	2500	1	*
Clacton-on-Sea ...	1002.5	+14	WSW	4	bc	58	75	7	4	-	-	2-3	2-3	800	1	4
Felixstowe ...	1002.3	+22	W'S	3	b	59	75	8	7	3	-	Tr.	Tr.	1500	1	3
Scilly (St. Mary's)	1008.8	+12	WNW	5	bc	56	95	8	8	8	-	4-6	4-6	4000	0	5
Falmouth... ...	1008.8	+10	W'S	4	pr.	54	95	8	3	3	-	2-3	7-8	4000	1	2
Plymouth	1007.8	+20	W	4	bcu	56	85	7	3	-	1	4-6	4-6	2500	2	3
Portland Bill ...	1005.3	+20	W'S	7	bc	58	75	8	8	4	-	2-3	4-6	2500	1	5
Calshot, S'hampton	1006.7	+22	W	4	bc	56	75	8	5	-	4	1	2-3	2500	1	3
Dungeness ...																
Lympne	1004.5	+22	WSW	4	c	55	85	7	5	-	-	7-8	7-8	1500	1	*
Guernsey	1003.4	+30	W	3	c	58	85	8	8	-	-	7-8	7-8	2500	1	4

PAST 24 HOURS.

STATIONS.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 17th Hrs. (36)
Lerwick	51	48	*	—	Tr.	0.2
Stornoway. ...	59	49	*	—	2	9.1
Wick	54	49	*	—	2	*
Tiree	57	48	48	0.1	9	1.7
Nairn	56	47	*	—	6	5.6
Aberdeen	57	50	48	—	10	2.8
Malin Head ...	56	49	*	—	27	4.9
Renfrew	58	48	46	—	33	0.0
Inchkeith (Edin.)	60	50	49	—	13	7.8
Leuchars	59	50	49	—	27	6.8
Eskdalemuir ...	57	47	46	—	19	0.1
Tynemouth ...	56	52	50	—	11	*
Blacksod Point ...	60	51	*	Tr.	13	*
Aldergrove ...	57	47	47	Tr.	22	0.4
Donaghadee ...	58	48	*	—	32	*
Birr Castle ...	57	48	44	6	8	0.0
Holyhead... ..	61	53	51	3	15	0.0
Liverpool (Bidston)	59	51	49	1	11	0.0
Chester (Sealand)	61	53	50	2	10	0.0
Harrogate... ...	53	50	49	0.1	16	0.0
Spurn Head ...	57	53	*	Tr.	12	0.0
Birmingham ...	58	52	50	4	19	0.3
Cranwell ...	55	53	51	2	15	0.0
Gorleston	63	56	54	0.1	6	0.4
Valentia Obs.† ...	58	52	48	1	1	0.0
Roches Point ...	67	52	*	8	3	*
Pembroke... ...	60	54	*	15	4	0.0
Ross-on-Wye ...	62	52	49	4	13	0.4
Leafield	60	50	47	5	11	0.7
Cardington ...	63	53	51	1	4	1.3
Winchester ...	63	52	49	2	10	0.0
S. Farnborough ...	63	53	49	2	6	0.1
London (Kew) ...	65	66	51	1	4	1.3
Croydon	64	55	51	0.6	7	1.3
Manston	67	57	53	0.6	3	2.6
Shoeburyness ...	65	56	54	0.1	7	0.0
Clacton-on-Sea ...	66	57	52	—	6	3.6
Felixstowe ...	65	57	55	0.1	7	3.6
Scilly (St. Mary's)	62	55	*	31	Tr.	0.0
Falmouth... ...	61	54	*	35	2	0.0
Plymouth	60	54	52	25	6	0.0
Portland Bill ...	63	57	*	2	4	*
Calshot, S'hampton	65	53	50	2	6	1.7
Dungeness ...			*			*
Lympne	64	55	53	1	2	3.2
Guernsey	68	57	53	2	5	0.8

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bcmc	corm.	crrcbc	65	56	51	1	4	1.3	*	*	8
Croydon	244	cmz ⊕	cd.r.m.	corrbc	64	55	51	0.6	7	1.3	*	*	8
Greenwich (Royal Observatory) ...	149	c	cr	crrbc	66	55	49	0.3	5	0.6	78	71	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*						0.6			*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	*	*	*	*	*	0.2	*	*	*
Camden Square	110	c	cor	*	62	54	*	1	5	*	At 18h. 90	72	*
Kensington Palace	80	co	orr	*	64	56	50	1	5	*		91	*
Hampstead Observatory	450	orm	orf	*	61	51	46	4	3	0.7	*	69	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 18th

South Kensington. Max.	Time.	Min.	Time.
0.6	8h. to 9h. 17th	<0.3	22h. 17th to 6h. 18th

Kew Observatory. Max.	Time.	Min.	Time.
0.1	11h. 17th	<0.1	0h. to 5h. 18th

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 17th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1012.9	SSW	3	c	66	1009.7	WSW	2	c	59	70	59	2	2
Brussels	1012.0	SW	2	ir.	63	1006.4	W	4	ir.	61	68	59	0.3	2
Berlin	1011.8	W	1	c	61	1012.6	SSE	1	c	55	66	52	-	-
Zürich	1018.2	SW	1	pr	57	1016.3	NNW	1	if	50	63	48	0.4	Tr.
Rome	1014.6	NW	3	bc	70	1017.0	NE	2	c	79	81	54	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6¼ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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, ADASTRAL HOUSE, KINGSWAY LONDON, W.C.2.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

TION
......1930.

URS.

FALL. Night 18h-7h mm. (35)	SUNSHINE 17th Hrs. (36)
Tr.	0.2
2	9.1
2	•
9	1.7
6	5.6
10	2.8
27	4.9
33	0.0
13	7.8
27	6.8
19	0.1
11	•
+3	•
22	0.4
32	•
8	0.0
15	0.0
11	0.0
10	0.0
16	0.0
12	0.0
19	0.3
15	0.0
6	0.4
1	0.0
3	0.0
4	0.4
13	0.7
11	1.3
4	0.0
10	0.1
6	1.3
4	1.3
7	2.6
3	2.0
7	3.6
6	3.6
7	0.0
Tr.	0.0
2	0.0
6	•
4	1.7
6	•
2	3.2
5	0.8

RS, etc.

22.—Code for Visibility.
not visible at 55 yards.
220 "
550 "
1,100 "
1½ miles.
2½ "
6¼ "
12½ "
31 "
beyond 31m.

—Code for Sea.
Very rough.
High.
Very high.
Precipitous.
Confused.

rector.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
19th SEPTEMBER 1930.
No. 25,138.

OBSERVATIONS at 13h. G.M.T. 18th SEPTEMBER

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1002.2	+2	SE	3	c	53	95	7	5	2	—	4-6	10	1500
Stornoway	999.6	-4	NE	1	c	53	75	9	7	6	1	4-6	7-8	4000
Wick	998.2	-10	NE	4	rr	51	95	7	6	—	—	10	10	1500
Tiree	100.6	+6	NW'N	2	c	56	75	8	4	3	9	Tr.	7-8	2500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	990.2	-18	NE'E	3	o/r	55	95	5	6	—	—	10	10	800
Malin Head	1001.3	+10	W	4	bc	59	85	7	8	—	—	4-6	4-6	1500
Renfrew	998.3	+26	NW	4	q/r	50	85	8	5	2	—	9	9+	5700
Inchkeith (Edin.)	993.2	+30	W	7	ir	49	85	7	6	—	—	10	10	800
Leuchars	991.5	+26	NW	5	r₀r₀	53	85	6	6	2	—	9	10	1500
Eskdalemuir	996.2	+70	WNW	6	ir	48	85	8	5	2	—	9	10	1500
Tynemouth	990.9	+24	W	6	c	52	85	7	6	—	—	7-8	7-8	1500
Blacksod Point	1004.8	+4	W	4	bc	57	75	8	8	—	—	4-6	4-6	5700
Aldergrove	1001.8	+10	W'S	4	pr₀	56	85	8	8	—	—	9+	9+	4000
Donaghadee	1001.0	+8	NW	3	bc	59	75	8	2	3	—	4-6	4-6	4000
Birr Castle	1005.3	+2	WSW	3	c	60	65	8	3	4	—	4-6	7-8	2500
Holyhead	1004.9	+20	WSW	5	bc	60	75	8	4	—	—	4-6	4-6	2500
Liverpool (Bidston)	1002.1	+14	WSW	6	c	59	65	8	8	—	—	7-8	7-8	1500
Chester (Sealand)	1003.8	+18	W	5	bc	63	55	8	1	3	—	4-6	4-6	4000
Harrogate	999.2	+30	SW	7	q	53	75	8	5	—	—	10	10	2500
Spurn Head	999.7	+6	W'S	6	c	57	85	7	5	1	—	4-6	9+	4000
Birmingham	1005.6	+18	WSW	5	ojp	57	65	8	6	2	—	4-6	9	2500
Cranwell	1002.3	+18	WSW	6	c	59	65	8	2	—	—	7-8	7-8	4000
Gorleston	1003.6	+12	W'S	5	bc	61	65	7	7	—	—	4-6	4-6	4000
Valentia Obs.	1007.1	-6	SW	4	c	60	75	9	8	3	1	2-3	7-8	2500
Roches Point	1007.1	-4	W	3	c/pr	60	75	8	3	—	—	7-8	7-8	1500
Pembroke	1006.4	+2	W	4	q	59	75	8	8	4	1	2-3	4-6	4000
Ross-on-Wye	1006.6	+14	W'S	4	c	60	65	8	7	—	—	9	9	4000
Leafield	1006.4	+10	W'S	5	c	60	65	9	5	—	—	7-8	7-8	4000
Cardington	1005.7	+10	WSW	5	c	61	55	8	4	—	—	9	9	2500
Winchester	1008.1	+4	SW'W	4	bc/pr	63	65	8	8	—	—	4-6	4-6	4000
S. Farnborough	1007.6	+10	W'S	5	cjp	62	65	8	8	—	—	7-8	7-8	2500
London (Kew)	1007.5	+10	SW	4	c	63	55	8	4	—	—	9	9	2500
Croydon	1007.7	+6	WSW	5	bc	64	55	8	1	—	—	4-6	4-6	1500
Manston	1007.4	+14	W'S	4	c	65	65	8	7	—	—	7-8	7-8	4000
Shoeburyness	1007.0	+20	WSW	5	bc	64	75	8	4	—	—	4-6	4-6	2500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1006.6	+22	W	4	bc	64	75	9	1	—	—	4-6	4-6	2500
Scilly (St. Mary's)	1010.7	0	W'S	3	c	62	85	8	2	—	8	2-3	7-8	4000
Falmouth	1010.7	0	WSW	4	bc	61	65	8	1	3	—	4-6	4-6	4000
Plymouth	1009.8	+6	W	5	bc	62	65	9	2	—	1	2-3	2-3	4000
Portland Bill	1008.5	+4	SW'W	6	bc	61	75	8	8	4	-	4-6	4-6	2500
Calshot, S'hampton	1008.7	+6	SW'W	5	c	65	65	8	7	—	—	7-8	7-8	2500
Dungeness														
Lympne	1007.9	+14	W'S	5	bc	63	65	9	1	—	—	2-3	2-3	2500
Guernsey	1011.5	+4	WSW	4	bc	63	65	8	8	4	—	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 18th SEPTEMBER

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1002.1	-4	ESE	4	r₀r₀	54	95	7	6	—	—	10	10	1500	1	•
Stornoway	100.3	+6	NE	1	bc	52	85	9	5	7	1	2-3	4-6	4000	0	1
Wick	995.7	-8	NE	4	RR	53	95	6	6	—	—	10	10	1500	1	4
Tiree	1001.3	+2	—	0	c	51	85	8	5	5	6	1	9	2500	0	2
Nairn	998.3	•	ENE	3	rr	49	95	7	6	—	—	10	10	800	2	•
Aberdeen	994.4	+26	NW	4	ir₀	51	95	8	6	2	—	9+	10	1600	1	3
Malin Head	1002.3	+6	W	3	bc	55	85	8	2	—	2	4-6	4-6	1500	0	1
Renfrew	1001.5	+14	W	3	bc	53	75	8	7	—	1	1	2-3	2500	1	•
Inchkeith (Edin.)	997.9	+30	WSW	5	bc	54	65	8	—	4	—	0	4-6	—	0	3
Leuchars	997.5	+34	WNW	6	c	53	75	9	5	—	—	9+	9+	4000	2	•
Eskdalemuir	1000.7	+18	W'N	4	bc	50	75	9	1	8	4	Tr.	2-3	2500	1	•
Tynemouth	1000.0	+22	W	3	bc	55	65	7	8	—	—	4-6	4-6	2500	0	2
Blacksod Point	1002.9	-12	SSW	2	bc	57	75	8	3	—	9	2-3	4-6	2500	0	2
Aldergrove	1003.4	+6	WNW	2	c	56	85	8	7	6	8	4-6	7-8	2500	2	•
Donaghadee	1002.2	+6	NW	2	bc	56	55	8	4	3	—	2-3	4-6	4000	0	1
Birr Castle	1004.6	-4	SW	1	c	59	65	8	1	—	9	1	7-8	4000	1	•
Holyhead	1005.6	+2	SW	4	bc	58	85	8	4	—	6	2-3	4-6	4000	1	1
Liverpool (Bidston)	1004.5	0	WSW	4	bc	58	65	8	1	—	8	1	2-3	4000	0	•
Chester (Sealand)	1005.5	+8	W'S	2	bc	59	65	8	7	—	5	1	4-6	4000	1	•
Harrogate	1003.1	+14	SW	3	ir	54	85	8	9	—	—	9	9	2500	1	•
Spurn Head	1002.5	+8	W	5	bc	57	85	7	—	2	9	0	4-6	—	0	4
Birmingham	1006.9	+4	WSW	3	bc	56	65	8	—	3	2	0	2-3	—	1	•
Cranwell	1005.5	+6	SW'W	4	bc	56	75	8	7	3	5	1	4-6	4000	0	•
Gorleston	1006.2	+10	SW'W	2	bc	62	65	7	1	—	—	2-3	2-3	4000	0	2
Valentia Obs.	1002.8	-30	SE'S	4	c	67	75	8	5	2	—	7-8	9	2500	1	3
Roches Point	1005.5	-14	SW	2	c	58	75	9	8	—	4	4-6	7-8	2500	0	0
Pembroke	1006.7	+6	W	3	c	58	75	8	5	9	4	2-3	7-8	4000	1	3
Ross-on-Wye	1007.5	+8	WSW	3	bc	57	75	8	1	2	6	1	4-6	4000	1	•
Leafield	1007.8	+4	SW'W	4	c	56	75	9	7	—	6	1	7-8	4000	0	•
Cardington	1007.1	+10	SW'W	3	c	59	75	8	8	4	1	4-6	7-8	1500	0	•
Winchester	1008.8	+6	WSW	1	c	59	85	8	5	—	6	7-8	9	2500	1	•
S. Farnborough	1008.0	+6	WSW	2	c/pr	59	85	8	8	3	3	4-6	9	2500	1	•
London (Kew)	1008.5	+4	WSW	2	bc	62	75	8	4	—	1	4-6	4-6	2500	1	•
Croydon	1008.8	+4	SSW	4	cjp	60	75	7	8	—	—	7-8	7-8	1500	1	•
Manston	1008.9	+10	W'S	4	b	58	85	8	—	—	—	0	0	—	0	•
Shoeburyness	1008.5	+4	WSW	4	bc	60	86	7	4	—	—	4-6	4-6	2500	0	•
Clacton-on-Sea	1008.1	+6	WSW	3	bc	62	75	7	1	—	—	4-6	4-6	1500	0	2
Felixstowe	1007.6	+6	SW'W	3	bc	61	75	8	1	—	—	2-3	2-3	4000	0	2
Scilly (St. Mary's)	1008.0	-12	SSW	3	bc	59	85	8	8	—	1	4-6	4-6	4000	0	3
Falmouth	1010.0	-6	SW'S	3	c	58	75	8	2	—	6	2-3	7-8	4000	0	2
Plymouth	1009.1	-10	W	4	c	58	75	8	6	5	4	2-3	9	2500	1	2
Portland Bill	1008.5	-2	SW'W	5	c	60	75	8	4	7	8	2-3	7-8	2500	0	4
Calshot, S'hampton	1009.1	+2	W'S	5	c	60	85	8	8	—	6	2-3	9	2500	0	2
Dungeness																
Lympne	1009.5	+6	WSW	4	c	57	85	8	2	—	4	1	7-8	4000	0	•
Guernsey	1011.4	-10	—	0	c	59	85	8	5	2	8	2-3	7-8	4000	0	3

PAST 24 HOURS.

Stations	Weather 7h.—13h. 18th (37)	Weather 13h.—18h. 18th (38)	Weather 18h. 18th to 1h. 19th (39)	Weather 1h.—7h. 19th (40)
Lerwick	cpr₀	cor₀R	oir₀cq	cir₀q
Stornoway	crbc	bc	bc	bcc
Wick	orr	oRR	orrbc	bcc
Tiree	cbc	bcc	cbcw	cw
Nairn	Rro	rro	rc	r₀c
Aberdeen	rrirm	orrir₀	cir	circ
Malin Head	cbc	bc	bcb	bbcc
Renfrew	orrcir₀	bccbcb	bw	bwoffw
Inchkeith (Edin.)	orrir	oirrrc	bc	bcw
Leuchars	oRRrrcir₀	cr₀rcprcq	cqprbcw	bcvcw
Eskdalemuir	cidRHir	circbcv	bcvbwcb	bwfecf
Tynemouth	oirmq	cbcq	bc	bc
Blacksod Point	bc	prbc	c	ojp
Aldergrove	cbcp₀	cprq	c	bcm₀c
Donaghadee	cbc	pr₀bc	bbcc	cpr₀
Birr Castle	cprcc	cp₀cc	c	cor₀r₀
Holyhead	cbcb	bcbbc	bcbm₀	bcc
Liverpool (Bidston)	irqbc	bcqbc	bc bcw	bccmw
Chester (Sealand)	pr₀qbc	bcyv	bcb	bcwm₀
Harrogate	coqir	qcoiR	cb	bbcFF
Spurn Head	bc	cbc	bc	bcw
Birmingham	bcc	cpr₀bc	bcb	bcff
Cranwell	c	cbbc	bc	bcFe
Gorleston	bcq	bco	bcb	bwbcq
Valentia Obs.	bccp₀c	cp₀c	cir₀orr	orroRrbc
Roches Point	bccp₀c	ccv	cvcgw	coRrcr₀r₀
Pembroke	bcp	bc	cbcc	corrq
Ross-on-Wye	bbcc	bc	bcwc	cor
Leafield	cbcc	bc	bcbw	bwcr₀
Cardington	cqy	bcyc	cbcbw	bwcm₀
Winchester	bccpr₀	bcc	cbc	bccorr
S. Farnborough	bcv	bcv	c, bc	bcwcir₀
London (Kew)	bccy	cbc	bcw	bcwcm₀w
Croydon	bccbc	cybc	cbw	bccwcmc
Manston	bbcbc	bc	bcb	b.cw
Shoeburyness	bc	bc	bc	cp₀
Clacton-on-Sea	bcy	bcybc	bcc	c
Felixstowe	bcv	cbcvy	bcb	bbcc
Scilly (St. Mary's)	cbc	cbc	bcc	coRrr
Falmouth	bcp₀	bc	bccq	coRmq
Plymouth	cbvq	bcqcpr	cb	bcqmRR
Portland Bill	bc	bcc	bbcc	coRRz₀
Calshot, S'hampton	bbcc	cbc e	cbcbw	bcwc
Dungeness				
Lympne	bcv	bccv	bcbbcw	bccm₀w
Guernsey	cbcbc	bcc	cwo	oiRq

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.
m, mist, " 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♔, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

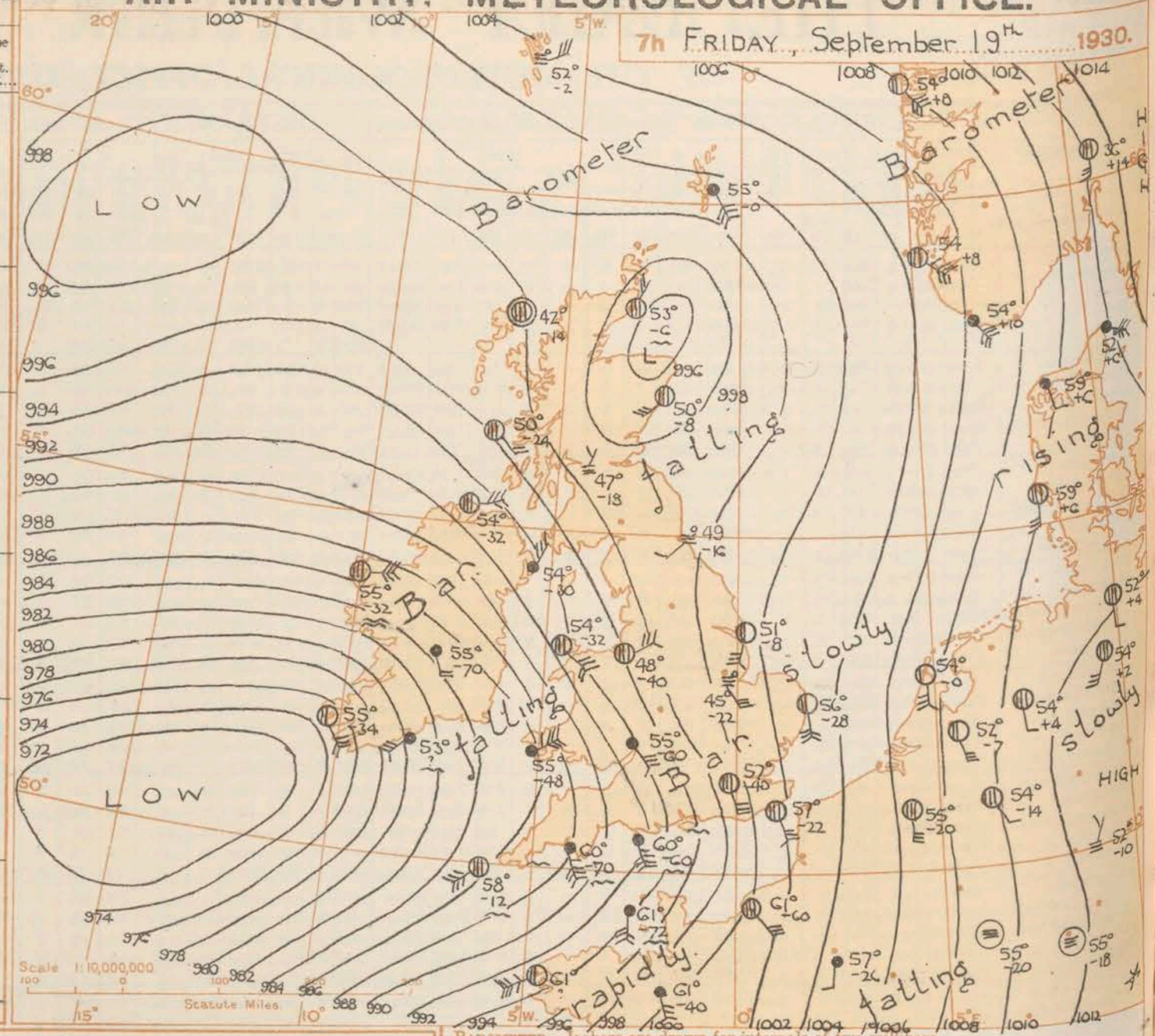
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 18th SEPTEMBER 1930.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h. 17th. to 9h. 18th.	TEMPERATURE. Max. 9h.—17h. 18th.	RAINFALL. Night. 17h. 17th. to 9h. 18th.	RAINFALL. Day. 9h.—17h. 18th.	SUNSHINE. Sunrise to 17h. 18th.	SUNSHINE. Sunrise to Sunset. 17th.
Dunbar ...	cm R	cR bc	49	57	25	10	0.1	4.8
Berwick-on-T. ...	cobc	ocbc	50	57	18	-	1.7	2.7
Douglas	b	b	49	59	69	-	4.2	0.0
Llandudno ...	bc	bcb	52	61	11	-	7.7	0.0
Colwyn Bay ...	obcbc	bcbcb	51	62	9	-	5.8	0.0
Rhyl	cbc	bcb	52	61	10	-	8.0	0.0
Wallasey ...	qocbc	bcb	50	61	10	-	6.3	0.0
Southport . ‖	oqc	cbcb	53	60	10	-	7.6	0.0
Blackpool ...	co	bcc	52	61	9	-	4.8	0.0
Morecambe ...	crcdp	bcbbc	52	58	7	0.5	2.3	0.0
Ilkley	roqor	rocb	50	59	21	1	0.8	0.0
Cleethorpes ...	ro	cbc	53	61	11	-	4.0	0.0
Mablethorpe ...	oc	cbcV	53	61	13	-	4.1	0.0
Skegness... ...	oro	ob	39	62	13	-	5.0	0.0
Aberystwyth ...	cprbc	bcbc	55	60	3	-	9.2	0.0
Bath	bcpb	bcb	54	65	8	Trace	9.6	0.9
Cheltenham .†	bbcc	cbcb	52	63	10	-	7.7	0.0
Leamington Spa	c	cbc	54	62	17	-	5.7	0.0
Lowestoft ...	bcicb	b	56	63	6	-	10.1	1.1
Dovercourt ...	rbc	bc	57	65	7	-	9.9	3.3
Maldon	b	b	56	66	4	-	9.0	2.4
Southend ...	bc	bc	58	69	6	-	8.7	2.2
Ilfracombe ...	cdcbc	bbc	56	62	15	0.4	8.4	0.0
Bude	docbc	bcbc	55	61	2	-	8.3	0.0
St. Ives	b	b	54	64	9	-	8.2	0.0
Penzance ...	b	b	54	65	2	-	8.2	0.0
Torquay	Rqdp	bcbbcc	53	65	10	-	8.3	0.3
Jersey	rcbc	bcc	59	64	3	-	9.0	0.7
Weymouth ...	b	bbc	55	66	7	-	9.0	1.2
Bournemouth ...	b	b	53	65	7	-	10.5	1.6
Ventnor	pobcb	bpbbc	55	63	4	Trace	9.7	1.9
Southsea ...	b	b	56	65	7	-	9.6	1.2
Bognor Regis ...	bcbc	cbcbc	53	64	5	Trace	10.2	2.0
Littlehampton ...	bc	bc	56	63	4	-	10.0	2.1
Worthing ...	b	bbc	57	65	5	-	10.0	2.1
Brighton... ...	bcb	bc	57	66	3	-	9.2	1.9
Eastbourne .†	b	bbcc	57	64	3	-	10.0	2.2
Hastings †	bbc	bcbc	55	65	4	-	9.9	1.7
Folkestone ...	rbc	bc	57	66	3	-	9.8	3.8
Dover	bc	bc	57	65	3	-	8.8	4.0
Deal	b	b	57	66	3	-	9.2	3.3
Tunbridge Wells	b	bcb	53	64	7	-	9.4	1.4
Ramsgate ...	bc	bc	55	65	3	-	10.3	3.8
Margate... ...	bc	b	58	67	3	-	10.2	3.4

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

AIR MINISTRY. METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◐ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◐ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✳ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th. Sept. 1930.

DISTRICTS.	FORECASTS
1. S.E. England 2. E. England... 3. E. Midlands	Strong southeasterly winds, reaching gale force locally, veering later; dull, rainy, at first, showers, brighter intervals later; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales	Strong or gale southerly winds, becoming finally northwesterly, strong and squally; rain at first, showers later; moderate temperature.
7. North Wales 8. N.W. England 9. N. Midlands	Strong or gale southeasterly winds, becoming finally northwesterly, strong and squally; rain at first, showers later; moderate temperature.
10. N.E. England 11. S.E. Scotland	Strong or gale southeasterly winds, becoming finally northerly, strong and squally; rainy becoming showery; moderate temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Easterly winds, strong to gale, becoming finally northwesterly, strong and squally; some rain at first, showers later; moderate temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Winds becoming strong to gale easterly backing; cloudy, some rain later; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Strong or gale easterly or southeasterly winds becoming finally northwesterly, strong and squally; rain at first, showers later; moderate temperature.

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

GENERAL INFERENCE.

An intense depression off Southwest Ireland will move northeastward to cause stormy and unsettled conditions with some rain in all districts. Further disturbances will follow from the Atlantic to maintain the unsettled conditions.

FURTHER OUTLOOK.

Stormy and unsettled generally.

South Cone Flying.

WMP

Forecasts issued at 0915 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

D.Sc., F.R.S.,
Director.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

19th SEPTEMBER 1930.

No. 25.138.

OBSERVATIONS at 1 hr. G.M.T. 19th SEPTEMBER

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1002.3	+2	SE	5	c	54	75	7	5	7	-	4-6	10	1500
Stornoway	34	1000.1	-6	-	0	bc	44	95	7	4	-	-	2-3	2-3	4000
Wick	81	998.4	+14	NE	2	bc	54	95	7	3	2	-	4-6	4-6	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1000.0	-14	S	1	bc	48	95	8	4	-	-	2-3	2-3	4000
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1000.6	+4	WSW	4	bc	50	85	8	5	-	-	2-3	2-3	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1002.5	+2	-	0	bc	49	95	7	5	-	-	2-3	2-3	1500
Blacksod Point	10	996.9	-20	ESE	4	c	55	75	6	9	-	-	10	10	220
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1003.2	-16	S'E	4	bcu	55	85	8	8	-	-	4-6	4-6	2500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1004.1	0	WSW	3	bc	52	95	7	-	1	-	0	2-3	-
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1005.6	0	SW	3	bc	49	95	7	5	3	-	4-6	4-6	4000
Gorleston	14	1002.3	+8	SW	2	b	53	85	7	-	-	-	0	0	-
Valentia Obs.†	30	989.0	-74	SE	6	RR	55	95	6	5	-	-	10	10	1500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1001.1	-32	SE	4	q	57	85	8	7	4	2	4-6	7-8	2500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1007.9	-14	S	3	b	52	95	7	-	-	-	0	0	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	997.8	-50	SSE	6	0	69	95	58	5	-	-	10	10	2500
Falmouth	200	1003.0	-34	SE'S	6	c	58	85	7	5	-	-	9+	9+	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1004.8	-24	SSE	5	0	60	85	8	5	-	-	10	10	1500
Calshot, S'hampton	8	1006.9	-22	S	3	bc	58	85	8	5	-	-	4-6	4-6	4000
Dungeness	20														
Lympne	347	1008.7	-10	WSW	1	bc	52	95	8	-	1	6	0	4-6	-
Guernsey	173	1006.2	-36	SSE	2	0	59	85	9	5	-	-	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 19th SEPTEMBER

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low. 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1001.6	-2	SE	5	ir.	55	75	7	6	2	-	4-6	7-8	1500	1	*
Stornoway	997.2	-14	-	0	c	42	95	97	7	6	1	4-6	7-8	4000	0	0
Wick	996.8	-6	NE	2	c	53	95	7	6	2	-	7-8	10	1500	1	4
Tiree	996.2	-24	E'S	2	c	50	95	8	8	3	8	4-6	7-8	4000	1	1
Nairn	997.4	•	-	0	c	47	95	8	3	-	-	7-8	7-8	1500	1	*
Aberdeen	997.9	-8	W'S	3	c	50	86	6	5	-	-	7-8	7-8	4000	1	2
Malin Head	993.4	-32	E	5	c	54	95	8	8	3	9	2-3	9	1500	0	2
Renfrew	998.6	-18	NE	1	f-	47	95	3	5	-	-	10	10	800	1	*
Inchkeith (Edin.)	998.7	-10	WSW	1	bc	49	95	7	5	5	-	2-3	4-6	800	1	0
Leuchars	998.3	-8	WSW	1	c	45	95	8	4	-	1	7-8	7-8	4000	2(1)	*
Eskdalemuir	998.7	-26	-	0	f-	39	95	3	5	-	-	9	9	2500	1	*
Tynemouth	999.7	-16	SW	1	m	49	95	4	1	-	1	2-3	2-3	4000	0	1
Blacksod Point	987.2	-32	E	6	cjp	65	75	8	9	-	-	10	10	450	0	6
Aldergrove	992.0	-50	E	4	c	53	85	7	5	2	-	9	10	450	1	*
Donaghadee	994.2	-30	N'E	3	c	54	95	7	5	-	-	7-8	7-8	2500	1	2
Birr Castle	984.2	-70	SSE	2	r.r.	55	85	7	6	-	-	10	10	2500	1	*
Holyhead	993.6	-52	E'S	5	c	54	85	8	5	2	-	Tr.	9+	4000	1	3
Liverpool (Bidston)	996.1	-40	E'N	4	m	48	95	4	6	7	-	7-8	9	450	0	*
Chester (Sealand)	997.5	-42	SE'S	3	c	47	95	6	5	2	-	4-6	10	2500	0	*
Harrogate	1000.6	-14	S	1	F	43	95	1	5	-	-	4-6	4-6	<150	1	*
Spurn Head	1001.3	-8	S	4	bc	51	95	6	5	3	1	2-3	4-6	800	0	3
Birmingham	997.8	-44	ESE	3	f	49	95	3	5	-	-	10	10	800	1	*
Cranwell	1000.8	-22	SE'E	3	c/f	45	95	5	5	3	1	4-6	7-8	450	0	*
Gorleston	1003.0	-28	SSE	5	bc	56	95	7	-	6	-	0	4-6	-	0	3
Valentia Obs.†	975.2	-34	SE	5	bc/r	55	85	8	8	-	-	4-6	4-6	2500	1	3
Roches Point	981.1	-80	SW	4	r.r.	53	95	7	6	-	-	9	9	800	1	5
Pembroke	985.7	-48	E	7	RR	55	95	5	5	-	-	10	10	800	2	3
Ross-on-Wye	993.7	-60	E'S	4	rr	55	95	6	6	-	-	10	10	1500	1	*
Leafield	996.6	-50	SE'E	5	ir.	52	95	7	6	2	-	7-8	10	450	1	*
Cardington	1000.2	-36	E	3	c	51	95	5	5	5	6	9	9+	450	1	*
Winchester	996.2	-48	SE	5	rr	57	95	7	6	-	-	10	10	800	1	*
S. Farnborough	998.0	-50	SSE	4	ir.	57	95	7	5	1	-	7-8	10	2500	1	*
London (Kew)	999.5	-40	SE'E	3	cu	57	85	5	5	7	8	4-6	9+	2500	1	*
Croydon	1000.4	-40	SE'E	3	c	57	85	7	-	7	-	0	9	-	1	*
Manston	1002.4	-26	SE	3	c	59	95	8	-	7	-	0	9+	-	0	*
Shoeburyness	1002.1	-30	SE	4	c/pr	58	95	8	4	4	-	7-8	9+	7200	0	*
Clacton-on-Sea	1002.4	-20	SE	5	c	60	85	7	4	6	-	4-6	7-8	1500	0	3
Felixstowe	1002.5	-36	SE'S	5	c	60	85	8	5	3	1	2-3	7-8	5700	0	3
Scilly (St. Mary's)	986.2	-12	WSW	6	c	58	85	6	2	-	-	7-8	7-8	4000	1	4
Falmouth	986.9	-14	WSW	7	c/r	59	95	7	3	3	-	4-6	7-8	4000	2	4
Plymouth	987.7	-70	SE	7	rr	60	95	5	6	-	-	10	10	<150	2	4
Portland Bill	991.6	-60	SE'E	7	RR	60	95	6	5	-	-	10	10	1500	1	5
Calshot, S'hampton	996.9	-50	SSE	6	rr	60	95	6	6	2	-	7-8	10	1500	1	4
Dungeness																
Lympne	1002.2	-22	SE'S	4	c	57	85	7	5	2	-	9+	10	2500	1 0	*
Guernsey	993.8	-72	SSE	5	iR	61	95	4	6	-	-	10	10	1500	2	5

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 18th Hrs. (36)
Lerwick	54	53	*	4	2	0.0
Stornoway	55	41	*	2	-	1.6
Wick	53	53	*	28	2	*
Tiree	56	44	31	Tr.	-	6.0
Nairn	50	47	*	14	3	0.0
Aberdeen	55	49	45	21	2	0.0
Malin Head	59	46	*	—	-	7.6
Renfrew	58	39	33	5	-	3.5
Inchkeith (Edin.)	55	47	45	15	Tr.	0.8
Leuchars	55	40	35	Tr. 19	0.1	0.5
Eskdalemuir	54	37	32	4	0.1	1.9
Tynemouth	56	47	38	2	-	*
Blacksod Point	60	52	*	0.2 5	Tr.	2.9
Aldergrove	59	43	36	1	-	*
Donaghadee	60	46	*	0.1	0.1	*
Birr Castle	62	51	39	0.4	1	8.8
Holyhead	62	51	47	—	-	8.8
Liverpool (Bidston)	60	47	44	1	-	7.5
Chester (Sealand)	64	43	37	Tr.	-	9.4
Harrogate	56	43	38	2	-	1.1
Spurn Head	61	48	*	—	Tr.	3.8
Birmingham	60	45	41	0.1 8	-	4.7
Cranwell	62	39	34	—	Tr.	6.8
Gorleston	63	50	47	—	Tr.	9.7
Valentia Obs.†	61	53	51	0.3	28	5.6
Roches Point	62	53	*	Tr.	23	*
Pembroke	60	54	*	—	10	10.0
Ross-on-Wye	63	48	40	—	1	7.3
Leafield	62	43	34	—	0.1	8.5
Cardington	64	45	41	—	-	6.6
Winchester	65	46	41	Tr.	1	8.0
S. Farnborough	65	51	41	Tr.	Tr.	9.1
London (Kew)	64	51	42	—	Tr.	9.2
Croydon	65	62	49	—	Tr.	9.0
Manston	66	49	43	—	-	10.1
Shoeburyness	65	52	48	—	Tr.	8.2
Clacton-on-Sea	65	56	51	—	-	10.2
Felixstowe	64	54	49	9	-	9.5
Scilly (St. Mary's)	62	56	*	—	17	8.6
Falmouth	63	56	*	0.1	21	8.6
Plymouth	63	56	53	0.2	24	8.2
Portland Bill	62	58	*	—	6	*
Calshot, S'hampton	66	55	51	Tr.	2	9.9
Dungeness			*			*
Lympne	63	51	45	—	-	10.5
Guernsey	63	53	52	0	5	9.3

† 1 hr. observations are from Valentia W/T station.

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h. 19th)	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	becy	cbc	bcwm	64	51	42	-	Tr.	9.2	•	•	6
Croydon	244	bcbc	cybc	cbwmc	65	52	49	-	Tr.	9.0	•	•	6
Greenwich (Royal Observatory)	149	bcy	c	cbwer	70	51	43	-	1	7.9	66	95	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	8.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	64	53	49			7.6	65	92	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•		•	•	•
Camden Square	110	c	cb	•	64	54	*	-	1	•	•	93	•
Kensington Palace	80	bcc	bcpbc	•	64	52	43	Tr.	0.3	•	At 18h. 69	94	•
Hampstead Observatory	450	bc	bc	•	63	50	42	-	0.5	8.3	•	92	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 19th

South Kensington. Max.	Time.	Min.	Time.
0.5	8h. 18th 7h. 19th	<0.3	15h. to 7h. 18th

Kew Observatory. Max.	Time.	Min.	Time.
0.1	20h. 18th	<0.1	12h. 18th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 18th SEPTEMBER Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 19th SEPTEMBER Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1013.4	SW	1	bc	64	1005.5	SSE	1	ir.	57	68	55	-	0.1
Brussels	1011.6	WSW	2	b	57	1007.1	SSE	3	c	55	66	50	Tr.	-
Berlin	1008.8	W	1	ir	61	1014.3	SW	1	c	55	61	52	9	7
Zürich	1015.8	N	1	c	64	1013.9	SE	1	c	61	77	57	-	-
Rome														

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

20th SEPTEMBER, 1930.

No. 25139.

OBSERVATIONS at 13h. G.M.T. 19th SEPTEMBER

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	998.6	-30	SE	8	c	55	85	7	5	2	—	4-6	10	1500
Stornoway	992.0	-22	NNE	3	c	55	85	8	5	5	—	4-6	7-8	4000
Wick	994.6	-12	S	3	o	54	95	7	6	—	—	10	10	1500
Tiree	989.2	-38	ENE	4	c	56	75	9	5	7	8	Tr	9+	5700
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995.1	-20	SSE	4	bc	56	75	7	1	—	4	1	2-3	1500
Malin Head	985.1	-48	E'N	6	r$_o$r$_o$	52	95	5	6	2	—	7-8	10	800
Renfrew	991.1	-42	ENE	3	rr	53	95	4	6	—	—	10	10	800
Inchkeith (Edin.)	992.8	-32	E	3	rr	55	85	6	6	—	—	10	10	800
Leuchars	993.9	-32	E	3	c	55	85	7	5	2	—	7-8	10	1500
Eskdalemuir	989.6	-48	E	5	rr	49	85	6	6	—	—	10	10	800
Tynemouth	991.6	-56	ESE	4	r$_o$r$_o$	55	95	7	6	—	—	10	10	1500
Blacksod Point	979.6	-40	E	8	r$_o$r$_o$	55	85	7	9	—	—	10	10	<150
Aldergrove	984.1	-40	E'S	5	ir$_o$	53	95	6	6	—	—	10	10	450
Donaghadee	983.9	-40	SE	8	rr	53	95	7	6	—	—	9+	9+	800
Birr Castle	976.0	-24	SE	4	c/pr	60	85	7	9	4	—	4-6	9	2500
Holyhead	984.9	-8	S'W	5	bc	63	75	7	5	3	—	2-3	2-3	800
Liverpool (Bidston)	985.2	-36	SSE	4	bc	60	85	7	9	—	—	4-6	4-6	2500
Chester (Sealand)	985.6	-46	SSW	4	bc	65	65	8	5	3	—	2-3	2-3	2500
Harrogate	988.9	-66	SSE	5	rr	55	95	4	6	—	—	10	10	<150
Spurn Head	989.9	-36	SE'S	7	rr	58	95	6	6	—	—	10	10	2500
Birmingham	989.0	-20	SSW	4	bc	62	55	8	1	—	—	4-6	4-6	2500
Cranwell	990.4	-58	SE'S	5	rr	58	95	6	6	—	—	10	10	450
Gorleston	994.3	-40	SE'S	7	rr	58	95	5	6	—	—	10	10	800
Valentia Obs.	967.8	-38	NE'E	4	c/r	58	85	8	5	—	3	4-6	7-8	1500
Roches Point	972.9	-42	SW	6	iR	58	95	6	6	—	—	9	9	800
Pembroke	982.3	-24	S	6	q	60	75	6	8	—	—	7-8	7-8	1500
Ross-on-Wye	988.1	0	SW'S	4	bc	65	65	8	2	—	—	4-6	4-6	4000
Leafield	989.6	-6	SSW	5	bc	64	65	9	8	—	—	2-3	2-3	2500
Cardington	990.8	-28	SW	4	iR	61	95	7	9	7	—	7-8	9+	800
Winchester	992.0	+4	SW'S	5	c	62	75	7	8	—	—	7-8	7-8	1500
S. Farnborough	992.0	-10	SW	5	c	63	75	7	8	3	—	7-8	7-8	1500
London (Kew)	992.3	-18	SW	4	c/r	63	95	8	5	3	—	4-6	9	1500
Croydon	993.3	-22	SSW	4	c/r	62	85	6	5	2	—	4-6	9+	800
Manston	994.4	-38	SSE	6	rr	62	95	5	6	2	—	9	10	450
Shoeburyness	993.7	-40	S	5	r$_o$r$_o$	62	95	7	6	—	—	10	10	800
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	994.3	-44	S'E	6	RR	60	95	6	6	—	—	10	10	800
Scilly (St. Mary's)	983.0	-22	SW	8	ir$_o$	56	95	6	9	—	—	9+	9+	2500
Falmouth	985.8	-14	SW'S	9	bc	60	75	8	2	3	—	2-3	4-6	4000
Plymouth	989.5	-6	SW	8	c	61	75	7	6	9	1	1	7-8	1500
Portland Bill	990.9	-2	SW	8	bc	62	75	7	8	4	—	2-3	4-6	2500
Calshot, S'hampton	992.9	+2	SW'W	7	c	65	65	7	7	—	—	7-8	7-8	4000
Dungeness														
Lympne	994.1	-36	S	5	c/r	60	95	6	6	2	—	9	10	220
Guernsey	994.4	+4	SW	5	bc	65	55	7	1	4	—	1	2-3	2500

OBSERVATIONS at 18h. G.M.T. 19th SEPTEMBER

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)
Lerwick	999.0	+4	SE	4	c	54	85	7	5	7	—	4-6	10	1500
Stornoway	987.8	-20	E	4	c	55	85	7	6	7	9	2-3	7-8	4000
Wick	992.3	-8	SE	4	bc	54	95	8	6	2	—	4-6	4-6	1500
Tiree	983.7	-34	NE'E	6	rr	52	95	6	6	—	—	10	10	2500
Nairn	988.5	•	E	2	rr	52	95	7	6	—	—	10	10	800
Aberdeen	990.4	-32	SE'E	5	rr	54	95	6	6	—	—	10	10	800
Malin Head	979.7	-20	E	5	ir$_o$	55	95	6	6	2	—	7-8	9+	1500
Renfrew	984.2	-30	E	3	c/r	55	95	5	5	—	—	7-8	7-8	800
Inchkeith (Edin.)	984.9	-30	E	4	c	55	95	8	5	2	—	2-3	9	1500
Leuchars	986.4	-54	ESE	6	o/r	55	95	6	6	—	—	10	10	450
Eskdalemuir	984.0	-14	S	1	c	55	95	6	8	4	—	7-8	9	1500
Tynemouth	985.8	-24	S	3	c/r	57	95	7	6	—	—	9	9	1500
Blacksod Point	976.6	-6	E	7	c	57	95	7	9	—	—	7-8	7-8	220
Aldergrove	979.7	-16	SE'E	4 (3)	ir$_o$	56	85	6	6	2	—	9+	10	450
Donaghadee	980.0	-12	SSE	6	ir$_o$	56	85	7	6	—	—	9	9	800
Birr Castle	972.3	-16	SE	1	c	57	85	7	9	8	—	7-8	9+	1500
Holyhead	980.2	-30	SSE	6	pr	57	95	6	6	—	—	9+	9+	1500
Liverpool (Bidston)	984.2	-6	SSE	4	rr	56	85	7	6	—	—	9	9	1500
Chester (Sealand)	984.5	-12	SSE	4	ir$_o$	55	85	7	6	—	—	10	10	2500
Harrogate	986.4	-10	SSE	3	bc/lr	54	85	5	6	9	9	1	4-6	2500
Spurn Head	987.7	-2	SW'S	4	bc	59	85	7	2	—	9	2-3	2-3	4000
Birmingham	988.1	-6	S	4	c/pr	54	85	8	6	—	—	9	9	1500
Cranwell	988.9	-4	S'W	4	c	59	75	8	8	—	—	7-8	7-8	1500
Gorleston	992.9	-6	S'W	4	bc	62	85	6	4	—	—	2-3	2-3	4000
Valentia Obs.	970.7	+30	N'W	5	ir	57	95	7	6	—	—	10	10	800
Roches Point	967.6	-30	SW	4	r$_o$r$_o$	58	95	6	6	—	—	9	9	1500
Pembroke	976.3	-16	S	8	q	58	85	6	8	—	—	10	10	1500
Ross-on-Wye	986.6	-14	S'W	4	c/r	55	85	7	6	—	3	7-8	9	2500
Leafield	989.1	-6	S	6	cjp	54	85	7	6	3	—	4-6	7-8	1500
Cardington	990.9	+4	SSW	4	c	58	85	7	8	—	8	4-6	7-8	1500
Winchester	991.3	-6	SSW	5	cjp	58	75	7	9	—	—	9	9	800
S. Farnborough	992.2	0	SSW	4	bc/pr	57	75	7	9	—	—	4-6	4-6	1500
London (Kew)	992.8	+6	S'W	3	bc/pr	59	65	8	8	—	—	4-6	4-6	2500
Croydon	993.9	+2	SSW	4	bc	59	65	7	3	—	—	2-3	2-3	1500
Manston	994.8	+4	SSW	4	bc	58	85	7	3	—	—	4-6	4-6	2500
Shoeburyness	994.3	+6	S	4	PR	56	85	8	2	—	—	2-3	2-3	4000
Clacton-on-Sea	994.3	0	SSW	4	bc	61	65	7	4	—	—	2-3	2-3	1500
Felixstowe	993.9	+2	SW'S	4	bc	61	75	8	5	—	—	2-3	2-3	4000
Scilly (St. Mary's)	977.6	-16	SW	8	c	56	95	6	8	—	—	7-8	7-8	4000
Falmouth	981.4	-20	SW'S	9	PR	55	95	6	3	2	—	4-6	7-8	2500
Plymouth	984.7	-36	SW	9	ir$_o$	56	95	6	6	—	—	10	10	450
Portland Bill	989.8	0	SSW	8	c	61	95	7	8	4	—	4-6	7-8	1500
Calshot, S'hampton	992.5	-6	SW	7	c	62	65	7	8	—	—	7-8	7-8	1200
Dungeness														
Lympne	995.0	+2	SW'S	4	bc	59	85	7	8	—	—	4-6	4-6	1500
Guernsey	993.7	-10	SSW	5	q	61	65	7	8	4	—	4-6	4-6	2500

PAST 24 HOURS.

Stations	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 19th (37)	Weather 13h.–18h. 19th (38)	Weather 18h. 19th to 1h. 20th (39)	Weather 1h.–7h. 20th (40)
Lerwick	0	•	cir$_o$	cir$_o$	bccir$_o$	or$_o$r$_o$
Stornoway	0	3	cbc	c	orr	cbc
Wick	0	4	cpr$_o$o	obc	orr	orrbc
Tiree	1	4	cbcc	r$_o$Rr	orrbc	prir$_o$
Nairn	1	•	cbc	bcrr	rrc	rc
Aberdeen	1	3	cz$_o$bc	corrm$_o$	orr	oroir
Malin Head	1	3	⊕cr$_o$m$_o$	crrm$_o$mcr$_o$m$_o$	cbccir$_o$	cr$_o$m$_o$
Renfrew	1	•	ofcmp$_o$	omrrq	cmr$_o$bc	cr$_o$cm$_o$
Inchkeith (Edin.)	1	2	bcom$_o$	orrc	ctlpr	or$_o$r$_o$ir
Leuchars	2	•	cbcwe	corrRR	olcPR	cr$_o$rr
Eskdalemuir	1	•	cforr	orrcbcc	clr$_o$crr	cir$_o$c
Tynemouth	1	4	bcor$_o$r$_o$q	orrq	cbc	bcoir$_o$
Blacksod Point	1	7	uro	pc	c	prc
Aldergrove	1	•	crr$_o$o	oir$_o$cbcmRcir$_o$	cRir	cid$_o$c
Donaghadee	1	4	crrq	crrbcir$_o$q	or$_o$r$_o$	eir$_o$c
Birr Castle	1	•	orrcr$_o$cp	cpr$_o$c	coir	oir
Holyhead	1	4	rrRbc	pr$_o$prq	prqcr$_o$	prc
Liverpool (Bidston)	2	•	orr	bccpr.	crr$_o$c	crmid
Chester (Sealand)	1	•	rRcm$_o$	pr$_o$bccr$_o$q	oir$_o$	rr
Harrogate	1	•	bcfiRomrr	ociRtlbc	bccoir	corr
Spurn Head	0	5	crrq	cirbc	bcc	cprq
Birmingham	1	•	forr	bcprcPR	coir	orrc
Cranwell	1	•	cm$_o$irorr	or$_o$bcbcpr$_o$	cb,cr$_o$m$_o$	cRrr$_o$m$_o$
Gorleston	1	3	bcorrq	orrcq	bcbq	bcorq
Valentia Obs.	1	3	bccircir$_o$	ciRcir$_o$cir	cirR	circpr$_o$
Roches Point	1	6	cr$_o$cir	cir	circ	cpc
Pembroke	1	5	rrcrq	ciRq	ciRq	ciRq
Ross-on-Wye	1	•	Rqbc	bccrir$_o$	cpqrrir$_o$	ircq
Leafield	1	•	orRqc	bcprc	bcorr	oir
Cardington	1	•	orriRq	cirbcybc	bcbqc	crorrqcir$_o$
Winchester	1	•	orRRrc	cprqcq	cr$_o$crq	cr$_o$q
S. Farnborough	1	•	corrRmr$_o$rrc	bcp$_o$	bccp$_o$R	cRprq
London (Kew)	1	•	crm$_o$c	bcpbcm	bcpbc	cipq
Croydon	1	•	ccorrcr$_o$m$_o$	bccRRbcq	bbcprr$_o$	cr$_o$rrqr$_o$
Manston	1	•	cr$_o$cr$_o$rrqm$_o$	crrqprbbc	bccPRbq	bqRprq
Shoeburyness	1	•	or$_o$r$_o$	bcPR	bcPRq	cPRq
Clacton-on-Sea	1	3	corrq	orrcbc	bccrq	bcpbc
Felixstowe	1	3	wRR	cRrcbcb	bbccpr	crcr$_o$bcq
Scilly (St. Mary's)	1	5	cp	cirp	cp	cp
Falmouth	1	7	bcp$_o$q	bccp$_o$q	omircq	oiRqm$_o$
Plymouth	1	7	oqrrmbcpr	bqcprrQo	oqRrm$_o$	oqrrm$_o$
Portland Bill	0	5	Rirc	c	orrz$_o$	orrcz$_o$
Calshot, S'hampton	1	4	crrr$_o$r$_o$m$_o$	cbcyrrpr$_o$c	cqpr$_o$ir$_o$	obrm$_o$q
Dungeness						
Lympne	1	•	crrm$_o$	cr$_o$bc	bco	cropr
Guernsey	0	5	orcbc	bccp	oiRq	oiRq

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.
m, mist, " 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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$_o$, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

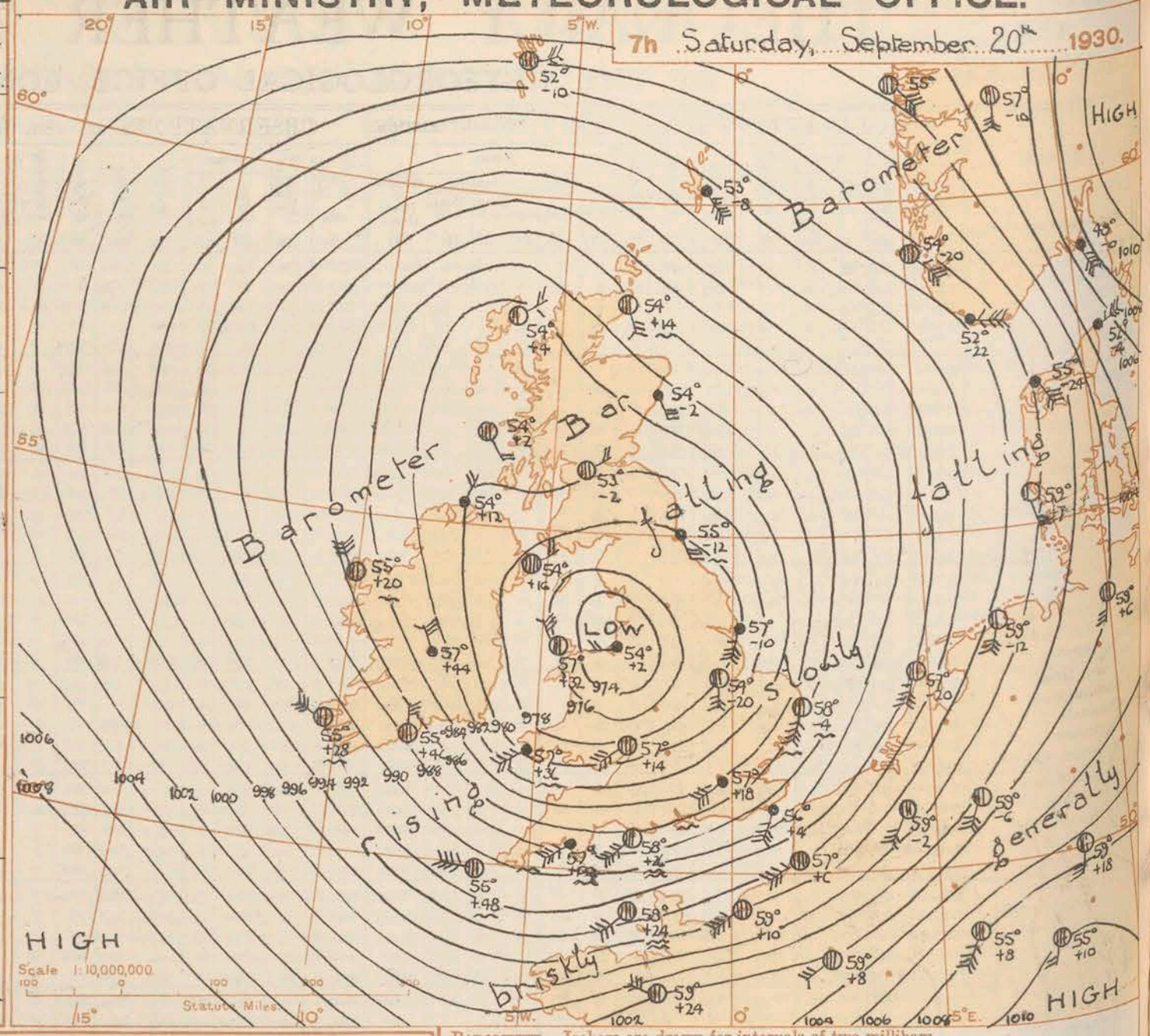
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 19th SEPTEMBER 1930.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h. 18th to 9h. 19th	TEMPERATURE. Max. 9h.—17h. 19th	RAINFALL. Night 17h. 18th to 9h. 19th	RAINFALL. Day. 9h.—17h. 19th	SUNSHINE. Sunrise to 17h. 19th	SUNSHINE. Sunrise to Sunset 18th
Dunbar ...	bw	cro	44	56	-	9	4.0	0.1
Berwick-on-T. ...	bc	RRo	43	55	-	5	5.0	1.8
Douglas	OQ	?r	48	60	-	7	2.2	5.0
Llandudno ...	rrc	bercp	47	65	3	10	2.1	8.3
Colwyn Bay ...	rr	bcom	47	65	2	6	2.7	6.6
Rhyl	ogrrc	bccp	46	65	1	7	3.2	8.7
Wallasey ...	orroc	bccR	47	66	1	7	2.8	6.7
Southport ...	rr	ocor	46	65	1	4	2.5	7.6
Blackpool ...	or	oc	45	65	1	3	2.2	5.1
Morecambe ...	crcpc	bccbc	47	65	Tr.	3	2.2	2.4
Ilkley	rr	rcbcc	41	63	-	6	1.4	0.9
Cleethorpes ...	oco	orb	42	62	-	3	2.5	4.7
Mablethorpe ...	bccor	orcbc	43	63	-	6	3.3	4.7
Skegness	boob	ro	46	62	-	3	3.4	5.0
Aberystwyth ...	corrq	cqir	51	63	3	2	3.2	9.4
Bath	rcbc	bcpc	47	66	10	2	5.1	10.4
Cheltenham †	orrbc	bcir	48	66	4	6	4.6	7.5
Leamington Spa	orc	cp	44	67	2	5	3.3	6.2
Lowestoft ...	bccor	orcb	49	62	-	5	3.0	10.5
Dovercourt ...	ocr	ocrb	52	64	-	8	2.4	9.9
Maldon	cor	rbc	48	66	-	9	2.4	9.2
Southend ...	or	orbc	54	65	1	5	2.5	11.1
Ilfracombe ...	bc	co(p)	57	64	15	0.4	3.8	8.6
Bude	prbcp	pbcp	50	63	12	1	5.0	8.3
St. Ives	b	p	55	62	36	7	4.5	8.3
Penzance ...	cqbc	cqir	57	63	26	1	4.3	8.3
Torquay	okr	bcpc	52	64	20	Tr.	7.3	8.3
Jersey	rqcbc	bc	59	66	8	-	5.7	9.6
Weymouth ...	rqRcb	bcp.b	56	65	13	0.1	6.7	9.0
Bournemouth ...	roc	bc	53	65	13	1	5.5	10.2
Ventnor	orc	cpbz	56	64	4	2	4.8	9.7
Southsea ...	orc	b	56	66	5	1	5.0	9.6
Bognor Regis ...	orro	bc	57	64	3	4	4.0	10.4
Littlehampton ...	cr	crbc	58	64	3	5	3.7	10.3
Worthing ...	oRc	bc	58	65	4	4	3.6	10.0
Brighton... ...	bcr	bc	59	64	3	9	3.1	9.2
Eastbourne †	rrRrrrrcir		57	65	4	14	2.5	10.0
Hastings †	orr	cbbc	56	63	2	15	2.4	9.9
Folkestone ...	coor	orbcb	54	65	2	7	2.0	10.1
Dover	or	orbc	58	64	1	5	2.1	8.8
Deal	rr	obb	52	65	-	8	2.4	9.5
Tunbridge Wells	oro	obcop	52	63	4	8	3.2	9.6
Ramsgate ...	r	obc	55	65	-	7	2.2	10.5
Margate	cdr	rcbc	53	65	Tr.	10	2.2	10.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
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. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Strong southwesterly to westerly winds, stronger at times, veering; bright intervals, showers; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Strong westerly to northwesterly winds, stronger at times, backing southeasterly tomorrow; bright periods, occasional showers, today, some rain tomorrow; moderate temperature.
10. N.E. England 11. S.E. Scotland	Strong southeasterly to easterly winds, backing and becoming northerly; bright intervals, showers; moderate temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	Strong northwesterly winds, stronger at times, backing and becoming southeasterly tomorrow; bright intervals, showers, today, some rain tomorrow; moderate temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	As 10 - 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Strong northwesterly winds, stronger at times, backing and becoming southeasterly tomorrow; bright intervals, occasional showers, today, some rain tomorrow; moderate temperature.

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

GENERAL INFERENCE.

An intense depression centred over Lancashire will move eastward and be followed after a short interval by another disturbance now off Western Ireland. Weather will continue stormy and unsettled generally with some further rain and showers in all districts

FURTHER OUTLOOK.

Continuing unsettled generally.

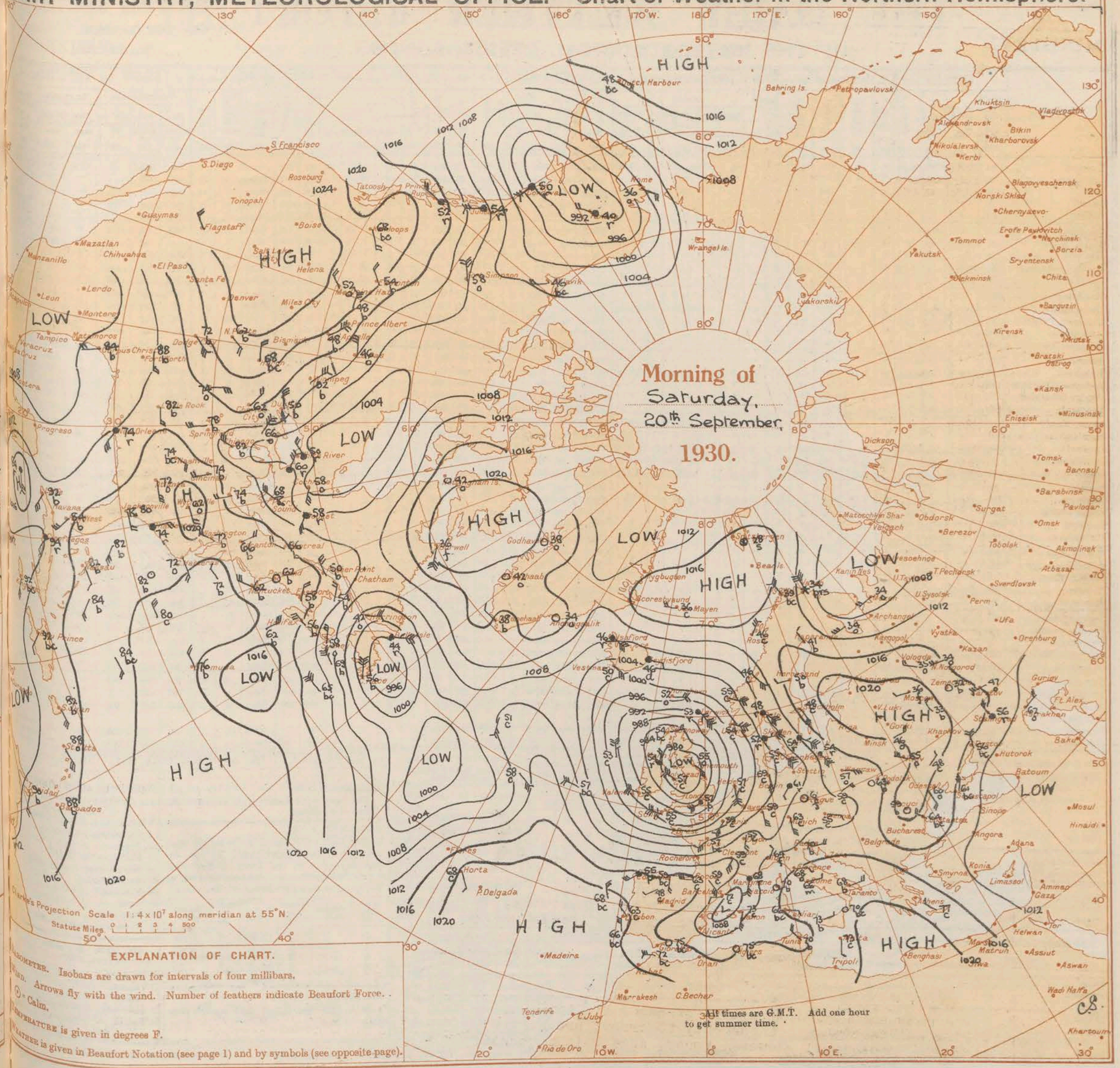
Times of issue of gale warnings.

South Cone at 1355 on 17th in 5,6.
South Cone at 0200 on 18th in 7,8,12.
South Cone at 1655 on 18th in 17,18,19,20.
South Cone at 0200 on 19th in 1,2,10,11,13A, 13B,15,16.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

Forecasts issued at 0900 G.M.T.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

20th SEPTEMBER 1930.

No. 25139.

OBSERVATIONS at 1 hr. G.M.T. 20th SEPTEMBER

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	995.8	-24	SE	9	c	55	85	7	5	2	-	4-6	7-8	1500
Stornoway	34	983.9	-14	ENE	7	•	•	•	6	•	•	•	•	10	•
Wick	81	985.1	-42	ESE	8	rr	54	95	7	6	-	-	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	978.7	0	E	4	c/r	56	95	7	6	1	-	4-6	7-8	2500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	982.5	-10	ESE	1	r_0r_0	53	95	8	6	-	-	10	10	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	983.0	-20	S	3	bc	55	75	7	5	-	-	4-6	4-6	1500
Blacksod Point	10	981.0	+20	NE	7	c	55	85	6	9	-	-	10	10	220
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	973.8	-30	ESE	5	c/r	55	95	7	5	2	-	9	10	1500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	983.7	-20	S	7	c	58	85	7	6	3	-	7-8	9+	2500
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	983.2	-36	SE'S	5	ir_0	53	85	6	6	2	-	7-8	10	1500
Gorleston	14	990.1	-24	S'W	6	bc	58	85	7	6	-	-	4-6	4-6	2500
Valentia Obs.†	30	983.7	+50	WNW	7	RR	53	95	7	5	-	-	10	10	1500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	969.7	-20	WSW	8	iR	56	95	5	6	-	-	10	10	800
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	987.6	-38	S	6	ir_0	57	85	7	6	-	-	9	9	800
Manston	136	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	165	981.3	+30	W'N	9	c/pr	56	95	6	9	-	-	7-8	7-8	2500
Falmouth	200	980.8	+10	WSW	9	iR	57	95	6	6	-	-	10	10	2500
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	982.0	-20	SSW	9	o	60	85	6	5	-	-	10	10	800
Calshot, S'hampton	8	984.7	-40	SW'S	8	iR	58	95	6	6	-	-	10	10	450
Dungeness	20														
Lympne	347	991.1	-26	SS·	7	o	58	75	7	5	-	-	10	10	1500
Guernsey	173	989.7	-12	SW	5	o/r	58	85	6	5	-	-	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 20th SEPTEMBER — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Temperature Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 19th Hrs. (36)
Lerwick	992.3	+8	SE	9	r_0r_0	53	95	7	6	-	-	10	10	1500	1	•	55	52	•	0.4	3	0.0
Stornoway	981.5	+4	E'N	2	bc	54	95	7	4	4	-	2-3	4-6	4000	1	2	57	52	•	—	7	2.4
Wick	985.2	+14	SSE	4	c	54	95	7	2	6	-	4-6	7-8	1500	1	4	55	53	•	0.1	6	
Tiree	980.6	+2	ESE	2	c	54	95	7	5	7	-	7-8	10	5700	1	1	56	52	46	4	1	3.1
Nairn	982.3	•	—	0	c	50	95	6	3	-	-	7-8	7-8	1500	:	•	58	48	•	2	6	2.1
Aberdeen	983.4	-2	SE'E	3	ir	54	95	6	6	-	-	10	10	800	2	3	67	53	50	6	15	3.1
Malin Head	980.0	+12	NNE	2	r_0r_0	54	95	5	6	2	-	4-6	10	800	1	1	55	53	•	7	3	0.0
Renfrew	980.3	-2	NE	2	z	53	95	5	5	-	-	9	9	1500	1	•	55	51	47	7	1	0.2
Inchkeith (Edin.)	980.9	-8	E	3	ir	54	95	7	6	8	-	7-8	9	800	1	1	56	52	48	6	2	3.1
Leuchars	980.6	-8	E	4	rr	54	95	6	6	2	-	9	10	450	2	•	56	50	48	15	3	4.0
Eskdalemuir	978.1	-6	ENE	3	c	51	95	6	5	-	-	10	10	1500	1	•	55	49	40	7	4	1.7
Tynemouth	977.5	-14	SE	3	o/r	55	95	7	6	-	-	10	10	1500	1	4	57	54	48	6	1	•
Blacksod Point	984.8	+20	WNW	6	PR	55	85	7	9	-	-	9	9	<150	0	4	58	54	•	37	13	•
Aldergrove	979.5	+18	NNW	2	c	53	95	6	5	7	1	4-6	9+	1500	1	•	58	51	45	8	4	0.9
Donaghadee	977.8	+16	E	2	c	54	95	7	5	-	-	7-8	7-8	4000	1	3	58	53	•	11	6	•
Birr Castle	983.3	+44	NW	4	r_0r_0	57	95	7	6	-	-	10	10	2500	1	•	62	52	50	6	3	4.0
Holyhead	976.7	+32	NW	5	c	57	95	8	5	-	-	9+	9+	1500	1	3	63	55	52	12	3	3.0
Liverpool (Bidston)	973.7	-2	W	2	id_0	54	95	4	5	-	-	10	10	800	1	•	62	53	51	9	2	2.8
Chester (Sealand)	973.9	+10	W'N	3	o/r	54	95	6	5	-	1	7-8	7-8	1500	2	•	66	54	52	10	6	2.2
Harrogate	976.0	-10	SE	3	ir	53	95	5	6	-	-	10	10	2500	1	•	60	51	60	11	1	1.2
Spurn Head	977.0	-10	S'W	7	r_0 cpr	57	95	7	6	3	-	4-6	10	4000	1	6	61	55	•	3	0.1	8.1
Birmingham	977.6	+6	SW	5	c	65	85	8	6	-	-	9	9	1500	1	•	64	53	51	14	8	4.8
Cranwell	977.7	-20	S'E	5	ir_0	54	95	7	6	-	-	9+	9+	800	1	•	64	51	47	7	6	2.6
Gorleston	985.0	-24	S'W	8	c/pr	58	85	7	6	4	-	4-6	7-8	2500	1	4	64	56	51	6	1	2.3
Valentia Obs.†	991.4	+28	W'N	6	c/pr	55	75	7	5	2	-	7-8	10	2500	1	4	60	55	50	9	10	0.9
Roches Point	987.9	+46	N	4	c	55	85	8	3	-	-	9	9	1500	1	3	60	54	•	4	4	•
Pembroke	979.9	+36	WSW	7	iR	57	85	6	9	-	-	9+	9+	800	2	5	61	55	•	8	15	5.1
Ross-on-Wye	979.9	+24	WSW	5	c	57	85	7	9	-	3	4-6	7-8	4000	1	•	66	54	52	9	12	5.1
Leafield	980.7	+14	SSW	5	ir	53	95	7	6	-	-	10	10	800	1	•	65	52	51	9	10	4.6
Cardington	980.6	+2	SSW	6	ir	58	75	8	6	-	-	10	10	1500	1	•	66	55	52	4	1	3.9
Winchester	985.1	+20	SW	6	ir	56	85	7	5	-	-	10	10	2800	1	•	64	55	53	8	4	4.5
S. Farnborough	984.8	+10	SW	6	pr	56	85	7	9	-	-	10	10	800	1	•	65	55	51	7	7	4.4
London (Kew)	984.9	+18	SW'W	6	pr	57	85	8	6	2	-	7-8	9+	1500	1	•	64	57	51	5	1	3.1
Croydon	986.3	+8	SW'S	6	c/r	57	85	7	6	-	-	9	9	450	1	•	65	56	50	13	9	3.7
Manston	988.7	+6	SSW	6	c/pr	57	85	8	5	3	-	7-8	7-8	1500	1	•	64	54	50	10	3	2.2
Shoeburyness	986.8	-4	SW'S	7	pr	58	85	8	5	2	-	4-6	4-6	1500	1	•	65	54	50	9	3	2.8
Clacton-on-Sea	986.9	-6	S	6	bc	59	85	7	4	6	-	2-3	4-6	1500	1	4	63	56	53	5	1	2.4
Felixstowe	986.3	-20	SSW	7	c	59	85	8	5	-	1	4-6	7-8	800	1	4	64	58	53	6	2	2.3
Scilly (St. Mary's)	991.5	+48	WNW	8	c	55	95	6	8	9	1	4-6	7-8	4000	1	5	60	55	•	3	4	3.3
Falmouth	990.3	+30	W	8	r_0r_0	55	95	7	6	2	-	4-6	9	2500	1	5	61	51	•	2	12	6.4
Plymouth	989.0	+60	W	8	ir	57	85	7	6	-	-	10	10	450	2	5	62	54	53	1	7	4.9
Portland Bill	985.9	+26	SW'W	9	c	58	85	6	9	-	-	9+	9+	1500	1	6	63	58	•	3	1	•
Calshot, S'hampton	986.0	+18	WSW	7	q	58	75	6	8	7	-	4-6	7-8	800	1	5	65	57	55	6	4	4.0
Dungeness																			•			•
Lympne	989.1	+4	SW'S	7	pr	56	95	6	9	-	-	9	9	800	1	•	63	55	52	12	2	2.5
Guernsey	993.7	+24	SW	6	q	58	75	5	5	-	-	10	10	2500	1	6	65	56	53	1	6	6.9

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h. 20th)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	erm_0c	bcpbc ⌒	bcpbcpq	64	57	51	5	1	3.1	•	•	8
Croydon	244	$cgorrcr_0m_0$	bccRRbcq	bbcprcr…	65	56	50	13	9	3.7	•	•	
Greenwich (Royal Observatory)	149	crr	cp_0bcyb	bcir	66	55	48	5	5	3.5	59	82	8
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	3.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	66	57	52	8.7		3.0	84	71	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	2.9	•	•	•
Camden Square	110	or	orbccp	•	64	56	•	8	3		•	78	•
Kensington Palace	80	orbc	corbc	•	66	56	51	6	2	•	At 18h. 77	78	•
Hampstead Observatory	450	orm	bcd	•	63	52	46	11	1	2.5		77	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 hrs. ended 7h. G.M.T. 20th.

South Kensington			
Max.	Time.	Min.	Time.
0.6	9h. 19th.	<0.3	14h-15h 19th- 22h-19th- 6h. 20th.

Kew Observatory.			
Max.	Time.	Min.	Time.
0.1	9h. 19th.	<0.1	24h. 19th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th SEPTEMBER Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 20th SEPTEMBER Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1002.8	SW	3	c	66	1002.2	SW	4	c	59	?	59	3	—
Brussels	998.3	SSW	4	c	64	997.8	SSW	5	c	59	66	57	4	0.1
Berlin	1010.6	SE	2	c	61	1005.9	SW	1	r_0r_0	61	68	57	—	2
Zürich	1010.3	NW	1	c	70	1011.6	SW	1	rr	57	81	57	—	4
Rome	1019.7	WSW	2	b	68	1019.9	E	1	bc/F	66	81	55	—	—

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. Simpson, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION 21st September 1930.

No. 25,140

OBSERVATIONS at 13h. G.M.T. 20th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	991.9	-8	SE	5	c	53	85	7	5	2	-	4-6	10	1500
Stornoway	985.5	+16	NE	4	bc	57	95	7	4	6	1	2-3	4-6	4000
Wick	986.6	+6	ESE	4	c	55	95	7	8	2	-	4-6	7-8	1500
Tiree	983.7	+16	N'E	3	bc	58	85	8	1	7	1	Tr	4-6	4000
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	982.6	-2	ENE	4	ir₀	55	95	6	6	7	-	9	9+	800
Malin Head	983.7	+20	NNW	2	ir	54	95	6	6	1	-	9	10	1500
Renfrew	982.5	+18	NNE	2	pr	58	85	6	8	8	-	9	9+	2500
Inchkeith (Edin.)	980.6	+4	NNE	1	o	57	95	8	5	-	-	10	10	800
Leuchars	980.8	+2	NE	2	c	57	95	7	5	2	-	7-8	10	800
Eskdalemuir	979.6	+10	N	3	c	58	75	8	2	3	-	4-6	9	2500
Tynemouth	977.7	+6	N	2	c	57	95	7	6	-	-	7-8	7-8	1500
Blacksod Point	989.1	+22	WNW	8	PR	56	85	7	9	-	-	10	10	<150
Aldergrove	983.8	+20	WN	2	c/pr	55	85	6	9	-	-	9+	9+	450
Donaghadee	982.4	+20	SW	2	id₀	57	85	7	5	2	-	4-6	7-8	2500
Birr Castle	989.3	+26	W'S	3	rr	55	95	6	6	-	-	10	10	2500
Holyhead	985.6	+38	W'N	6	PR	56	95	6	6	-	-	10	10	800
Liverpool (Bidston)	982.7	+46	W	6	c	57	85	8	6	-	-	9+	9+	800
Chester (Sealand)	983.1	+46	W'N	5	c/pr	58	85	7	6	3	-	7-8	9+	1500
Harrogate	979.5	+26	SW	4	ir	60	75	7	6	9	-	7-8	9	2500
Spurn Head	979.4	+10	WSW	5	pr	58	95	7	3	2	-	4-6	9+	2500
Birmingham	985.3	+46	WSW	5	ir₀	65	95	8	6	-	-	9	9	1500
Cranwell	982.3	+30	SW	5	iR	56	95	6	6	2	-	9	10	450
Gorleston	986.1	+6	SSW	6	ir₀	61	85	6	6	-	-	9+	9+	2500
Valentia Obs.	997.6	+34	W'N	6	ir	58	75	8	5	-	-	9+	9+	1500
Roches Point	993.8	+34	N	5	r₀r₀	56	85	7	6	-	-	7-8	7-8	1500
Pembroke	988.9	+16	WSW	7	q	57	85	6	8	-	-	10	10	1500
Ross-on-Wye	988.1	+54	W'S	4	c	57	85	8	6	7	-	7-8	9+	2500
Leafield	988.4	+40	SW'W	6	rr	52	95	7	6	-	-	10	10	800
Cardington	986.2	+32	SW	7	RR	54	95	6	6	-	-	10	10	800
Winchester	991.5	+30	WSW	6	c/p	59	65	8	5	2	-	7-8	10	1500
S. Farnborough	990.6	+30	WSW	6	c/pr	60	65	8	6	1	-	9	9	1500
London (Kew)	990.3	+30	WSW	5	c	61	55	8	4	2	8	7-8	9+	2500
Croydon	991.0	+30	WSW	7	c/pr	60	65	8	8	-	-	9+	9+	1500
Manston	991.2	+14	SSW	6	pr	60	75	8	6	-	1	9	9+	800
Shoeburyness	989.9	+20	SW'S	7	q	62	75	8	1	2	-	7-8	9	1500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	988.9	+14	SW	6	ir₀	62	65	8	6	-	-	9	9	800
Scilly (St. Mary's)	998.6	+24	WNW	8	pr	57	95	6	8	-	-	9	9	4000
Falmouth	997.7	+20	W'S	7	c	57	85	7	3	1	-	4-6	9	4000
Plymouth	995.8	+30	WNW	8	ir₀	57	75	6	6	2	-	9+	10	800
Portland Bill	993.1	+22	SW'W	8	c	60	75	7	8	7	-	7-8	9	2600
Calshot, S'hampton	992.3	+38	W'S	7	q	62	65	7	8	7	-	7-8	9	800
Dungeness														
Lympne	992.3	+18	WSW	7	c/pr	56	85	6	6	-	-	9+	9+	800
Guernsey	999.8	+30	WSW	5	iR	60	65	6	6	-	-	10	10	2500

OBSERVATIONS at 18h. G.M.T. 20th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	992.0	+2	SE	3	c	54	85	7	5	2	-	4-6	10	1500	0	•
Stornoway	989.1	+18	NE	5	c	55	95	7	2	-	-	7-8	7-8	4000	0	3
Wick	986.7	+4	NE	5	ir₀	55	95	7	6	-	-	10	10	800	1	4
Tiree	987.1	+20	NNW	3	c	57	85	8	5	9	-	4-6	9	2500	0	2
Nairn	985.7	•	ENE	3	c	55	95	7	5	-	-	7-8	7-8	1500	1	•
Aberdeen	983.1	+8	N	3	o	55	95	6	6	-	-	10	10	800	1	4
Malin Head	987.9	+30	NW	4	c	57	95	7	8	3	-	4-6	9	1500	1	2
Renfrew	985.5	+26	WNW	2	c	57	85	7	6	8	-	9+	9+	2500	1	•
Inchkeith (Edin.)	982.9	+12	N	2	ir₀	55	95	7	5	-	-	9	9	800	1	1
Leuchars	983.4	+16	NW	2	c	55	85	7	5	7	-	4-6	9	800	2	•
Eskdalemuir	983.3	+20	NW'W	3	c	54	75	8	8	-	1	7-8	7-8	2500	1	•
Tynemouth	981.3	+24	W	2	c/r	57	85	6	6	-	-	7-8	7-8	1500	1	3
Blacksod Point	994.5	+34	WNW	8	PR	56	95	7	9	-	-	10	10	<150	1	7
Aldergrove	987.8	+28	NW	3	c	56	85	7	5	7	-	7-8	9	800	1	•
Donaghadee	986.2	+20	SW	2	bc	56	85	7	5	3	-	4-6	4-6	4000	1	1
Birr Castle	993.0	+26	WNW	3	rr	55	95	7	6	-	-	10	10	1500	1	•
Holyhead	988.4	+18	W'N	5	pr	56	95	6	6	1	-	7-8	10	800	1	4
Liverpool (Bidston)	987.2	+24	WSW	6	q	54	95	7	6	-	-	10	10	800	1	•
Chester (Sealand)	987.7	+20	W'S	4	c/pr	56	75	8	5	-	3	7-8	7-8	2500	2	•
Harrogate	985.2	+26	SW	4	c	54	85	7	6	-	8	9	9+	2500	1	•
Spurn Head	985.4	+14	W	5	c	57	95	7	3	3	8	4-6	10	2500	1	5
Birmingham	990.0	+20	WSW	5	ir₀	55	85	8	6	-	-	9	9	1500	1	•
Cranwell	988.1	+30	WSW	5	ir₀	56	85	7	6	-	3	9	9+	1500	1	•
Gorleston	990.4	+16	SW	5	c	57	85	6	6	2	-	4-6	7-8	2500	1	3
Valentia Obs.	1002.1	+22	W	6	bc	57	75	8	5	-	-	4-6	4-6	1500	1	5
Roches Point	998.4	+34	N	5	c	57	85	8	3	-	-	9	9	1500	1	3
Pembroke	992.8	+20	W	7	q	58	85	6	8	2	-	9	10	1500	1	4
Ross-on-Wye	991.5	+24	W'S	4	pr	55	85	8	6	7	-	7-8	9+	2500	1	•
Leafield	991.5	+14	SW'W	5	c	55	85	8	6	-	1	9	9	1500	1	•
Cardington	990.4	+20	SW	5	c	56	85	7	5	3	1	7-8	7-8	2500	1	•
Winchester	995.0	+20	SW	4	pr	55	85	7	6	2	-	9	10	800	1	•
S. Farnborough	993.3	+10	WSW	5	pr	55	85	7	6	8	-	9+	9+	1500	1	•
London (Kew)	993.9	+20	SW	4	pr	57	75	8	5	2	1	7-8	9+	1500	1	•
Croydon	994.6	+16	SW'W	5	c/pr	57	75	8	5	-	-	9+	9+	1500	1	•
Manston	994.6	+14	SW	5	c	56	85	8	6	3	1	2-3	7-8	1500	1	•
Shoeburyness	994.0	+24	SW'W	6	q	58	85	8	5	2	-	7-8	9	1500	1	•
Clacton-on-Sea	993.2	+14	SW	5	bc	58	75	7	4	-	1	2-3	4-6	1500	0	2
Felixstowe	992.6	+20	SW'W	5	bc	58	75	8	5	-	1	4-6	4-6	2500	1	4
Scilly (St. Mary's)	1002.8	+20	WNW	8	bc	57	95	7	8	-	-	4-6	4-6	4000	0	5
Falmouth	1001.7	+14	W	6	PR	57	75	7	3	3	-	4-6	7-8	4000	1	4
Plymouth	999.7	+30	W	6	ir₀	57	85	6	6	-	1	9+	9+	1500	1	5
Portland Bill	996.4	+10	WSW	8	c	58	85	7	8	7	-	7-8	9	1500	1	6
Calshot, S'hampton	995.5	+14	W'S	6	ir₀	57	85	7	6	7	-	4-6	7-8	800	1	3
Dungeness																
Lympne	995.7	+16	WSW	6	o/pr	54	95	6	6	-	-	10	10	800	1	•
Guernsey	1002.7	+14	W	5	o/r	58	75	6	5	-	-	10	10	2500	1	6

PAST 24 HOURS.

Stations	Weather 7h.–13h. 20th (37)	Weather 13h.–18h. 20th (38)	Weather 18h. 20th to 1h. 21st (39)	Weather 1h.–7h. 21st (40)
Lerwick	or₀r₀c	c	or₀r₀cbc	bcc
Stornoway	bc	bcc	cbc	bcco
Wick	bcc	coir₀	cpr₀	c
Tiree	cbc	bcc	bcbc	bc
Nairn	cr₀	c	cprq	c
Aberdeen	orRrrm₀	ir₀om₀	oir	oir
Malin Head	cirm₀	cirm₀bcc	cbcbbc	bcc
Renfrew	cm₀c	ccjp	prcbc	bccw
Inchkeith (Edin.)	corr	coirr	cir₀bc	bcc
Leuchars	cRRcirRc	c	cprc	ccprbc
Eskdalemuir	c	cprbc	bcpr₀	bc
Tynemouth	oir₀c	cir₀	cbc	bcoir₀
Blacksod Point	prqc	prq	prq	prq
Aldergrove	m₀cprPR	prm₀rir₀pr₀c	c	cbcbw
Donaghadee	cid₀	pr₀bc	bbc	bc
Birr Castle	or₀cir₀orrd	oirqo	oir	oroc
Holyhead	pr₀q	pr	pr₀c	c
Liverpool (Bidston)	m₀idr	opirq	op₀c	ccq
Chester (Sealand)	cqPR	cpr₀	prc	pr₀cq
Harrogate	ocbciR	cp₀	cpbch	bch
Spurn Head	cir	bc	cpr	cbc
Birmingham	orr₀	r₀c	corR	ocpr₀
Cranwell	cir₀m₀	cir₀m₀	cirbc	r₀cr₀
Gorleston	cbcpr₀q	cirq	cbcq	orroq
Valentia Obs.	crrcir	circbc	bc	bcwc
Roches Point	cirir₀	cir₀c	cpqc	c
Pembroke	ciRq	cpq	circq	cirq
Ross-on-Wye	p₀cqorc	c	cprq	rqcq
Leafield	ciroRq	cp₀	corr	cp₀
Cardington	ciRorRm₀	CRrm₀c	corrm₀	oprc
Winchester	cqcprq	cprq	cprqcrr	orrc
S. Farnborough	cqp₀	cqpr	orrq	orrc
London (Kew)	cp₀	cp₀	cr₀orr	orrc
Croydon	cr₀r₀m₀pr₀q	cqpr₀	cr₀r₀orrm₀	orrr₀cpr
Manston	cprq	cprq	cqbcerr	crrqcpr
Shoeburyness	cipr₀qbcq	cipr₀q	bcq	oRqc
Clacton-on-Sea	bcc	bcpbc	bc	bccpc
Felixstowe	cr₀	cir₀bc	bccr	crbcpr
Scilly (St. Mary's)	cp₀	cp₀	cbc	bc
Falmouth	cbcpq	cbcpq	bcpq	cbcq
Plymouth	ocqirpR₀	coqirm₀	cbq	bqc
Portland Bill	iRc	iRc	cpRRz₀	orrc
Calshot, S'hampton	cqm₀pr₀cq	cqPRcqr₀m₀	cqr₀d₀d₀c	cr₀RRd₀d₀
Dungeness				
Lympne	cborqm₀	cpqm₀	cprbcor₀rq	or₀r₀qc
Guernsey	bcdqr	ooqir	oqiro	opr₀q

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

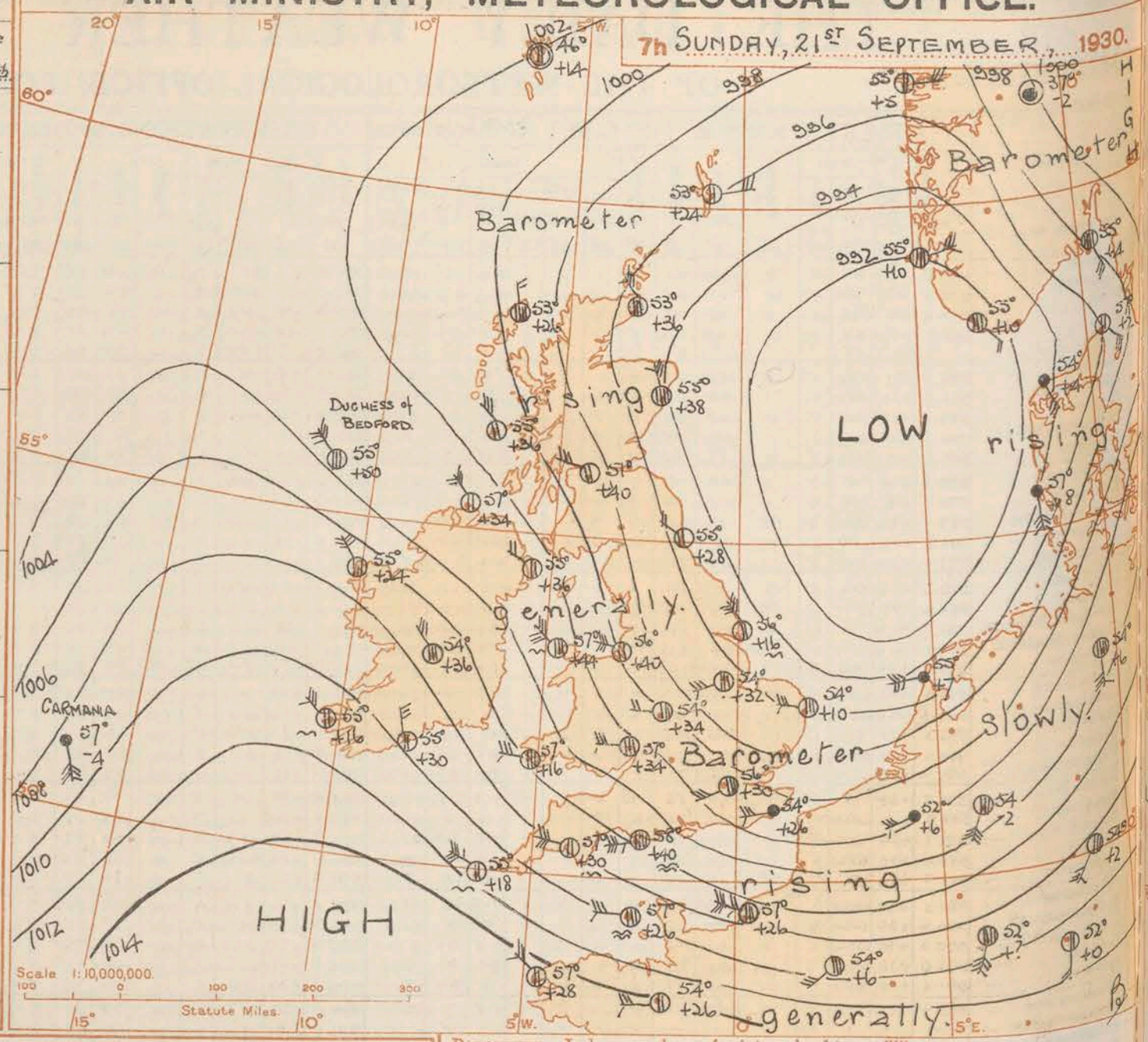
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 20th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 19th to 9h. 20th	Temperature. Max. 9h.—17h. 20th	Rainfall. Night. 17h. 19th to 9h. 20th	Rainfall. Day. 9h.—17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset. 19th
Dunbar ...	od o	cpm o	51	57	1	1	0.3	4.0
Berwick-on-T. ...	oro c	c	50	56	2	-	0.8	5.0
Douglas	pc	pc	52	57	4	1	0.8	2.2
Llandudno ...	pcc	crcc	51	59	2	1	0.2	2.1
Colwyn Bay ...	r o	rroro	51	60	2	3	0.4	2.7
Rhyl	mcpr	cprbc	51	60	2	0.5	0.5	3.2
Wallasey ...	oR o	oiRc	51	59	2	9	0.1	2.8
Southport ...	roc	cocpo	54	59	2	0.5	0.1	2.7
Blackpool ...	orco	ocp	51	60	7	0.5	0.6	2.2
Morecambe ...	ccbc	crrcr	52	64	3	1	0.1	2.2
Ilkley	rr	rcbcc	47	61	11	1	2.1	1.4
Cleethorpes ...	ro	cop	52	59	1	0.3	0.3	2.7
Mablethorpe ...	coiro q	coiro q	54	61	0.3	1	1.0	3.6
Skegness... ...	robo	oro	~~46~~ 51	62	4	2	2.1	3.4
Aberystwyth ...	coir	coir	55	58	13	2	0.0	3.2
Bath	cqiR	cirbc	56	60	18	9	0.5	5.1
Cheltenham †	coir	orcir	53	59	10	5	1.5	4.6
Leamington Spa	cor	oc	54	60	7	2	1.1	3.3
Lowestoft ...	cipbc	cpre	56	62	1	3	2.8	3.4
Dovercourt ...	roc	dbc	56	63	2	Trace	3.1	2.7
Maldon	cbc	cir	54	64	2	0.3	1.6	2.5
Southend ...	orobc	bcc	55	65	3	Trace	4.6	2.6
Ilfracombe ...	orc	orr	56	59	14	3	0.0	3.8
Bude	rprp	qrpo	53	59	13	3	0.0	5.1
St. Ives	qpq	qpcq	54	58	9	2	0.0	4.5
Penzance ...	cirq	cirq	54	59	10	2	0.3	4.3
Torquay	Rpqc	cqpcqp	55	60	9	2	2.3	7.2
Jersey	rqc	rqc	57	61	5	Trace	1.7	5.8
Weymouth ...	qcbc	pccpc	57	63	2	0.6	1.2	6.7
Bournemouth ...	o	bco	56	62	21	-	1.5	5.3
Ventnor	ropc	copcu	56	61	3	0.3	2.3	4.8
Southsea ...	cb	bcop	57	63	5	0.2	3.2	5.0
Bognor Regis ...	ocbc	idcbc	55	62	7	1	3.2	4.0
Littlehampton ...	cbcp	bccp	54	62	6	0.4	3.2	3.7
Worthing ...	oro c	bcro	58	63	3	1	2.8	3.8
Brighton... ...	pcbc	pcp	57	61	8	0.6	0.0	3.6
Eastbourne †	yir c	ciroq	57	62	5	2	2.1	2.9
Hastings †	coRoc	copco	57	61	4	3	1.8	2.4
Folkestone ...	rcop	copco	57	62	5	5	2.4	2.0
Dover	rocirc	rqcirc	58	62	3	4	2.6	2.2
Deal	cor	rbcp	57	62	14	5	3.1	2.5
Tunbridge Wells	ocopo	pcbco	54	61	11	2	2.3	3.5
Ramsgate ...	orc	crc	57	61	2	2	0.0	2.2
Margate	bcp	bcp	55	63	4	1	4.3	2.5

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st Sept. 1930.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands	Wind W. to N.W. fresh, squally; moderating and backing later; some showers at first but bright intervals; then mainly fair; rather cool to moderate temperature.
4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓ 7. North Wales	Wind N.W, to W, fresh, backing and moderating, then increasing from S, probably reaching gale on coasts; mainly fair apart from scattered showers at first; rain later; moderate temperature.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 3.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland.	Wind N. to N.W, moderate, backing slowly; bright periods; local showers; cloud increasing; rather cool.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind N.W. to N, moderate to fresh, backing slowly; occasional rain or showers; some bright intervals; rather cool.
17. N.W. Ireland ↓ 18. N.E. Ireland 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Wind W. moderate to light, backing south and increasing; probably reaching gale force later; fair at first, cloud increasing with rain spreading from the southwest; moderate temperature.

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

GENERAL INFERENCE.

A depression over the North Sea is filling up but a further disturbance is approaching from the Atlantic. Rather squally weather with some showers will prevail over the eastern half of the country at first but a brief fairer interval will supervene before unsettled conditions spread in from the West.

FURTHER OUTLOOK.

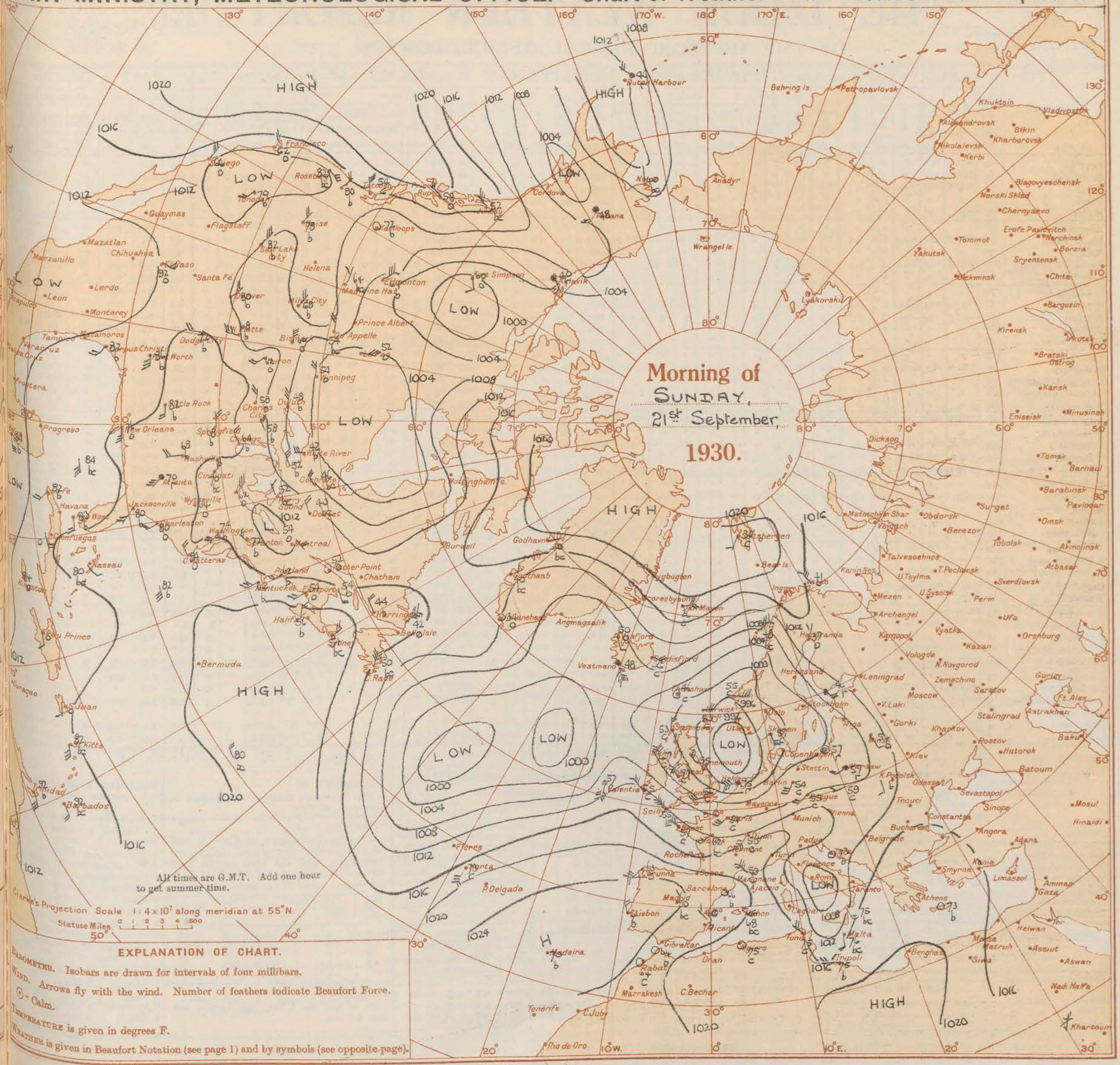
Unsettled generally.

↓ "Times of issue of gale warnings".
"South Cone at 1355 on 17th in 5, 6."
"South Cone at 1655 on 18th in 17, 19, 20."

Forecasts issued at 1145 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

21st September 1930.

No. 25,140.

OBSERVATIONS at 1 hr. G.M.T. 21st September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Med. (10)	High (11)	Amount Low 0-10 (12)	Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	993·3	+6	E	3	bc	53	85	7	4	–	–	4-6	4-6	1500
Stornoway	34	994·7	+18	N	1	•	•	•	6	•	•	•	•	4-6	•
Wick	81	988·9	+10	NW	4	c	54	95	7	8	–	–	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	995·8	+30	NNW	4	bc	57	95	7	8	–	–	2-3	2-3	2500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	988·9	+20	WNW	4	bc	55	95	8	–	2	–	0	4-6	–
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	987·4	+24	WSW	2	bc	54	95	6	2	–	–	4-6	4-6	2500
Blacksod Point	10	1002·7	+34	WNW	7	PR	56	85	8	3	–	–	9	9	<150
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	995·9	+32	NW'W	6	c	57	85	7	5	–	–	9+	9+	1500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	988·4	+4	W	5	c/pr	55	95	7	6	1	–	4-6	9	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	991·8	+8	W	4	ir₀	53	95	6	6	–	–	4-6	4-6	1500
Gorleston	14	990·9	-10	SW'S	4	rr	54	95	6	6	–	–	10	10	1500
Valentia Obs.†	30	1007·8	+26	W'S	6	bc	55	95	8	3	–	–	2-3	2-3	2500
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	999·1	+28	W	4	ir₀	57	95	7	3	–	–	10	10	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	996·5	+6	WSW	5	rr	54	85	6	6	–	–	10	10	800
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1007·4	+20	WNW	8	bc	56	95	7	2	–	–	2-3	2-3	4000
Falmouth	200	1005·2	+20	W	7	c	56	85	8	5	–	–	7-8	7-8	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	999·5	+8	W'S	7	RR	57	85	6	5	–	–	10	10	800
Calshot, S'hampton	8	998·8	+12	W	5	c	57	85	7	5	2	–	7-8	9	2500
Dungeness	20														
Lympne	347	996·7	0	WSW	6	r₀r₀	54	95	7	6	–	–	10	10	800
Guernsey	173	1005·8	+12	W	4	o/r	56	85	6	5	–	–	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 21st September — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Med. (24)	High (25)	Amount Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Temperature Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Night 18h-7h mm. (35)	Sunshine 20th Hrs. (36)
Lerwick	996·6	+24	E	3	c	53	85	7	4	7	–	4-6	7-8	1500	1	•	55	52	•	4	1	0·3
Stornoway	999·6	+26	N'W	2	c	53	85	7	4	–	–	10	10	4000	0	2	60	50	•	–	Tr.	7·2 6
Wick	995·0	+36	NW	4	c	53	95	8	5	–	8	7-8	10	1500	0	3	56	52	•	0·1	1	•
Tiree	1001·2	+36	NW	3	bc	55	85	7	5	3	–	Tr.	2-3	5700	0	1	58	54	50	–	–	5·2
Nairn	994·9	•	N'W	2	c	54	95	8	5	–	–	7-8	7-8	1500	0	•	56	53	•	1	0·2	0·2
Aberdeen	998·9	+38	NNW	4	o	55	95	7	6	–	–	10	10	800	1	2	55	54	53	8	6	0·0
Malin Head	1002·8	+34	NW	5	c	57	95 85	7	8	–	–	9	9	1500	0	2	57	55	•	3	–	2·1
Renfrew	998·7	+40	WNW	3	bc	51	85	8	8	–	–	2-3	2-3	4000	1	•	60	48	40	0·2	0·2	1·5
Inchkeith (Edin.)	995·0	+32	WNW	4	c	55	95	8	5	7	–	2-3	7-8	2500	0	1	58	54	50	7	0·4	0·0
Leuchars	995·2	+40	NW	2	c	55	75	8	5	–	–	7-8	7-8	2500	2	•	60	53	51	7	1	0·0
Eskdalemuir	996·6	+48	NW'W	5	bc	51	85	8	5	4	–	4-6	4-6	4000	1	•	59	49	46	0·4	Tr.	0·9
Tynemouth	995·2	+28	WNW	2	c	55	85	7	6	–	–	7-8	7-8	1500	1	2	60	53	49	1	1	•
Blacksod Point	1007·5	+24	NW	6	c	55	85	8	8	6	–	4-6	7-8	450	0	3	57	54	•	38	0·2 5	•
Aldergrove	1003·0	+30	WNW	3	bc	53	95	7	5	–	–	2-3	2-3	2500	1	•	56	52	45	3	Tr.	0·4
Donaghadee	1000·9	+36	W	2	bc	55	85	8	8	–	–	4-6	4-6	4000	0	2	57	53	•	4	–	•
Birr Castle	1007·2	+36	NW	3	c	54	85	7	5	4	–	7-8	9	2500	1	•	57	53	51	3	2	0·1
Holyhead	1002·9	+44	NW'W	6	c	57	85	6	5	–	–	9	9	800	1	4	58	55	53	4	Tr.	0·7
Liverpool (Bidston)	999·7	+40	W'N	6	q	56 55	85	7	9	–	–	7-8	7-8	1500	0	•	58	(53)	52	4	0·2	0·3
Chester (Sealand)	1000·0	+44	WNW	6	q	57	85	7	9	–	–	7-8	7-8	1500	2	•	61	54	50	2	1	1·1
Harrogate	995·7	+30	SW	5	b	54	85	8	–	4	9	0	1	–	1	•	61	52	49	2	Tr.	2·6
Spurn Head	993·7	+16	NW'W	6	bc	56	95	7	1	2	–	4-6	4-6	4000	1	4	64	54	•	1	1	0·3
Birmingham	1001·5	+34	W	3	c/pr	54	95	8	6	–	–	9+	9+	2500	1	•	57	51	48	3	7	0·3
Cranwell	997·6	+32	W'S	4	c	54	95	7	5	3	8	4-6	9	5700	1	•	59	52	50	4	2	0·7
Gorleston	998·9	+10	W	4	c	54	95	6	7	–	–	9	9	2500	1	3	62	53	52	1	4	2·8
Valentia Obs.†	1011·6	+16	W'N	4	c	55	85	8	5	3	1	2-3	7-8	1500	1	4	59	55	50	4	Tr.	0·9
Roches Point	1009·8	+30	N	3	c	55	85	8	3	–	–	7-8	7-8	2500	0	2	59	54	•	4	0·1	•
Pembroke	1005·4	+16	W	4	q	57	85	7	8	8	–	5 7-8	7-8	800	1	3	58	56	•	1	1	0·6
Ross-on-Wye	1002·5	+34	W	4	c	57	75	8	8	–	–	9	9	4000	1	•	60	54	52	4	4	1·4
Leafield	1001·4	+34	W	5	c	54	85	9	6	3	–	1	9	1500	1	•	57	52	50	11	3	0·6
Cardington	999·7	+36	W'S	4	c	56	85	7	5	4	–	7-8	9	1500	1	•	60	52	49	4	3	0·9
Winchester	1003·4	+30	W	4	bc	55	85	8	5	–	–	4-6	4-6	1500	1	•	60	53	52	0·4	5	1·6
S. Farnborough	1002·1	+28	W'S	4	c	56	85	8	5	–	–	9+	9+	1500	1	•	61	53	52	0·4	5	2·3
London (Kew)	1001·6	+30	W'S	3	c	56	85	8	5	–	–	9	9	2500	1	•	62	54	51	0·2	7	1·4
Croydon	1001·5	+24	W'S	4	c/pr	55	95	8	5	3	–	4-6	9	1500	1	•	61	54	51	0·2	6	1·5
Manston	1000·2	+24	SW	4	c/pr	56	95	7	5	–	–	9+	9+	1500	1	•	63	53	49	2	3	3·9
Shoeburyness	999·9	+26	W	5	c	56	95	7	5	2	–	9+	9+	1500	1	•	64	54	52	Tr	5	4·4
Clacton-on-Sea	998·8	+14	SW	4	c	56	85	7	6	2	–	2-3	7-8	1500	1	3	62	54	51	0·2	3	2·9
Felixstowe	998·6	+30	W	4	c/pr	56	95	8	5	1	–	7-8	9	1500	1	3	63	53	52	0·1	4	2·6
Scilly (St. Mary's)	1011·1	+18	NWW	7	bc	55	95	7	2	–	–	2-3	2-3	4000	0	4	59	55	•	Tr	–	3·2
Falmouth	1010·3	+20	W'N	6	bc	56	85	7	3	3	–	2-3	4-6	4000	0	3	59	55	•	5	0·4	0·9
Plymouth	1008·8	+30	WNW	6	c	57	85	7	6	8	–	7-8	7-8	1500	1	4	59	55	53	1	–	0·1
Portland Bill	1005·5	+40	W	7	c	58	75	7	5	–	–	10	10	1500	1	6	61	56	•	2	2	•
Calshot, S'hampton	1003·6	+40	W'N	4	c	55	95	8	8	5	–	7-8	9	2500	1	2	63	54	53	2	3	3·1
Dungeness																			•			•
Lympne	1000·6	+26	W	4	pr	54	95	8	8	–	–	9+	9+	4000	1	•	60	52	50	9	4	2·4
Guernsey	1009·5	+26	W	4	q	57	75	6	3	6	–	4-6	7-8	1500	0	6	61	56	52	41	0·6	4·2

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather (24 hrs. ended 9h.) Morning	Afternoon	Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	cp₀	cp₀	cr₀rrc	62	54	51	0·2	7	1·4	•	•	8
Croydon	244	cr₀r₀m₀p(g)	cqpr₀	cr₀cpr₀m₀spr	61	54	51	0·2	6	1·5	•	•	7
Greenwich (Royal Observatory)	149	cqp₀	cp₀qp	cdrrc	65	53	51	Tr.	6	3·2	68	77	8
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2·1	•	•	•
Westminster (St. James' Park)	27	•	•	•	62	55	53		7	1·8	62	90	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	•	•	•	•
Camden Square	110	cr	crcr	•	61	55	•	0·5	7	•	•	81	•
Kensington Palace	80	bcep	co	•	63	54	51	0·3	7	•	At 18h. 79	80	•
Hampstead Observatory	450	crbcp	or	•	59	50	47	1	7	0·5	•	85	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 21st

	Max.	Time.	Min.	Time.
South Kensington	0·3	9h 20th	<0·3	11-13h 21st, 21h 20th–6h 21st
Kew Observatory	0·1	7h 21st	<0·1	13h–24h 20th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 20th September Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 21st September Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1006·6	WSW	4	u	57	1009·1	SW	3	c	54	64	52	1	–
Brussels	1000·7	SW	3	c	55	1001·1	WSW	4	rr	52	64	52	2	7
Berlin	1006·6	SSW	3	c	59	1006·3	SW	3	c	54	64	54	7	–
Zürich	1012·8	NW	3	ir	54	1015·1	WSW	3	bc	50	66	48	18	5
Rome	1026·0	SSE	2	o	70						•		•	

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1-3	5	19–24	10	55–63
2	4-7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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 1¼ miles.
5 Poor visibility 2½ „
6 Moderate „ 6¼ „
7 Good „ 12½ „
8 Very good „ 31 „
9 Excellent „ beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

22nd September 1930.

No. 25141

OBSERVATIONS at 13h. G.M.T. 21st September

(For heights see p. 4.)

Stations	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1001.1	+20	N'E	3	bc	56	85	8	4	-	-	4-6	4-6	2500
Stornoway	1005.6	+18	NNW	2	c	57	75	8	4	-	-	9+	9+	4000
Wick	1002.1	+30	NW	3	c	58	85	8	5	1	-	7-8	10	2500
Tiree	1006.1	+22	NW	3	b	59	85	8	1	3	-	Tr.	1	4000
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1001.7	+38	NW	4	ir$_0$	56	85	8	6	-	-	10	10	800
Malin Head	1007.3	+22	NW	4	c	58	95	7	7	-	-	9+	9+	1500
Renfrew	1005.0	+34	WNW	4	bc	62	65	8	4	-	-	4-6	4-6	2500
Inchkeith (Edin.)	1007.8	+28	WNW	4	bc	61	85	8	1	1	-	2-3	4-6	4000
Leuchars	1002.3	+30	WNW	3	c	60	65	9	7	-	-	9	9	2500
Eskdalemuir	1003.1	+30	WNW	5	bc	62	65	8	8	4	-	4-6	4-6	2500
Tynemouth	1001.8	+25	NW	3	bc	60	75	7	8	-	-	4-6	4-6	2500
Blacksod Point	1010.9	+14	W	4	c	58	75	8	8	5	-	2-3	7-8	1500
Aldergrove	1007.6	+26	NW	3	c	59	75	8	7	9	-	7-8	9	2500
Donaghadee	1006.1	+20	WNW	2	c	59	75	8	7	-	9	4-6	7-8	4000
Birr Castle	1011.6	+12	NW	2	c	59	75	8	5	-	-	9+	9+	2500
Holyhead	1008.2	+22	WNW	6	bc	60	75	8	8	3	6	1	4-6	2500
Liverpool (Bidston)	1006.5	+30	W	6	q	58	75	8	8	-	9	2-3	4-6	2500
Chester (Sealand)	1007.2	+34	WNW	6	q	61	65	8	5	3	-	7-8	7-8	2500
Harrogate	1003.0	+40	W	5	bc	60	75	8	1	4	-	1	4-6	4000
Spurn Head	1000.9	+16	NW	6	c	60	85	7	4	7	-	4-6	9	4000
Birmingham	1006.7	+20	NW	5	bc	60	55	8	2	-	-	4-6	4-6	2500
Cranwell	1003.2	+30	WNW	5	bc	61	65	7	1	-	-	4-6	4-6	2500
Gorleston	1001.3	+20	WNW	5	q	64	75	6	8	-	-	7-8	7-8	2500
Valentia Obs.	1013.6	+12	SWW	3	c	58	75	8	7	7	6	4-6	9+	2500
Roches Point	1012.1	+20	NW	2	c	61	65	8	5	-	4	4-6	7-8	2500
Pembroke	1010.6	+20	W	4	q	59	85	7	7	4	4	Tr.	4-6	2500
Ross-on-Wye	1008.1	+30	WNW	5	q	62	75	8	7	-	1	4-6	4-6	4000
Leafield	1007.4	+20	W'N	6	bc	61	65	8	7	-	1	2-3	2-3	4000
Cardington	1005.4	+26	WNW	6	bc	63	55	8	1	-	-	2-3	2-3	2500
Winchester	1008.7	+24	WNW	4	c	62	65	7	5	-	-	9+	9+	1500
S. Farnborough	1007.0	+18	W	4	c	66	65	7	5	3	-	7-8	7-8	2500
London (Kew)	1006.9	+24	W	4	c	63	65	8	8	7	-	4-6	7-8	2500
Croydon	1006.9	+22	W	4	c/pr	62	65	7	8	3	-	4-6	7-8	1500
Manston	1005.0	+22	W	4	c	63	75	7	7	-	-	7-8	7-8	2500
Shoeburyness	1005.1	+30	W'N	5	bc	66	75	8	1	3	-	4-6	4-6	2500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1003.9	+26	WNW	5	bc	64	65	8	1	-	-	4-6	4-6	2500
Scilly (St. Mary's)	1015.1	+18	WNW	5	c	60	95	8	1	3	-	1	7-8	4000
Falmouth	1015.0	+26	WNW	4	bc	59	75	8	3	-	-	4-6	4-6	4000
Plymouth	1013.7	+22	WNW	4	c/pr	60	75	8	9	-	6	7-8	9+	2500
Portland Bill	1010.5	+18	W'N	6	(c)	60	75	7	8	2	-	4-6	7-8	1500
Calshot, S'hampton	1009.4	+30	WNW	4	c	63	75	8	5	5	-	2-3	7-8	2500
Dungeness														
Lympne	1005.9	+22	W	5	pr$_0$	61	75	8	5	-	-	9+	9+	2500
Guernsey	1013.9	+20	WSW	5	q	60	75	7	8	6	-	4-6	7-8	2500

OBSERVATIONS at 18h. G.M.T. 21st September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1004.8	+20	NNW	2	bc	54	85	8	7	-	-	2-3	2-3	2500	0	•
Stornoway	1007.9	+16	NW	2	bc	55	85	8	4	-	1	2-3	4-6	4000	0	1
Wick	1006.3	+22	NW	2	c	54	95	8	5	1	-	7-8	9	2500	0	3
Tiree	1008.9	+8	W'N	1	c	55	95	7	5	3	-	2-3	7-8	4000	0	1
Nairn	1007.5	•	W	1	c	56	85	8	3	-	-	7-8	7-8	2500	0	•
Aberdeen	1006.1	+28	NW	3	bc	55	85	8	-	3	-	0	2-3	-	1	1
Malin Head	1009.8	+12	W	3	c	56	95	7	7	6	9	4-6	9	1500	0	2
Renfrew	1009.0	+26	W	2	bc	56	75	8	4	-	1	2-3	4-6	4000	1	•
Inchkeith (Edin.)	1007.8	+24	WNW	3	c	59	85	8	5	2	-	4-6	9	4000	0	0
Leuchars	1006.4	+26	N	2	c	58	75	9	5	-	-	7-8	7-8	4000	2	•
Eskdalemuir	1007.9	+20	WNW	4	bc	55	75	8	8	-	1	4-6	4-6	2500	1	•
Tynemouth	1006.2	+16	NNW	1	bc	57	85	7	8	-	-	4-6	4-6	2500	0	2
Blacksod Point	1011.2	-2	S	4	c	56	75	8	-	7	-	0	10	-	0	2
Aldergrove	1010.5	+14	NW	2	c	57	75	8	7	9	-	7-8	9	2500	1	•
Donaghadee	1009.8	+20	NW	1	c	58	85	8	5	3	-	4-6	7-8	4000	0	0
Birr Castle	1013.0	+4	SW	1	o	56	85	8	5	-	-	10	10	2500	1	•
Holyhead	1011.5	+20	W'N	5	c	58	85	7	2	3	[illegible]	Tr.	Tr.	2500	1	2
Liverpool (Bidston)	1010.7	+18	W	5	bc	57	85	7	5	-	6	3	4-6	2500	0	•
Chester (Sealand)	1011.1	+26	W'N	4	bc	58	85	7	5	-	4	[illegible]-6	4-6	2500	2	•
Harrogate	1007.8	+40	SW	5	c	56	85	7	6	4	-	9	10	2600	1	•
Spurn Head	1006.4	+18	NW'N	4	pr	58	95	7	3	3	1	2-3	9+	4000	1	4
Birmingham	1010.8	+26	WNW	3	pr	57	75	6	6	-	-	9	9	1500	1	•
Cranwell	1008.9	+32	W'N	4	c	57	75	7	5	3	2	4-6	9	5700	1	•
Gorleston	1006.2	+16	WNW	4	c	61	75	6	6	-	-	9+	9+	2500	0	2
Valentia Obs.	1011.9	-6	S'E	3	ir$_0$	55	95	7	5	2	-	9	10	1500	1	3
Roches Point	1013.5	+14	W	3	c	57	75	8	3	-	-	9	9	2500	0	2
Pembroke	1013.2	+8	W	4	q	58	85	7	4	7	8	4-6	9+	4000	1	3
Ross-on-Wye	1012.4	+28	W	4	c	57	75	8	5	1	1	7-8	7-8	4000	1	•
Leafield	1011.6	+26	W'N	5	c	56	85	8	4	-	5	9	9+	5700	1	•
Cardington	1009.4	+26	W'N	3	bc	59	65	8	7	-	1	1	2-3	2500	1	•
Winchester	1012.9	+26	W'S	4	c	57	85	7	5	-	-	9+	9+	2500	1	•
S. Farnborough	1011.1	+26	W	3	c	59	75	7	5	-	1	9+	9+	2500	1	•
London (Kew)	1011.5	+24	W	3	c	61	65	8	5	7	-	7-8	9	2500	1	•
Croydon	1011.0	+24	W'N	3	z	61	65	6	7	-	-	9+	9+	2500	1	•
Manston	1009.3	+24	W	3	bc	59	85	7	5	-	-	2-3	2-3	4000	0	•
Shoeburyness	1009.4	+30	WNW	4	bc	61	75	8	5	2	-	4-6	4-6	2500	1	•
Clacton-on-Sea	1008.7	+14	WNW	4	bc	61	65	7	4	-	9	Tr.	4-6	1500	0	2
Felixstowe	1008.5	+26	WNW	4	bc	60	75	8	5	-	1	1	2-3	5700	1	2
Scilly (St. Mary's)	1017.1	+6	W	2	c	56	95	8	4	6	1	2-3	7-8	4000	0	2
Falmouth	1017.2	+14	W'N	4	c	57	85	8	4	-	-	7-8	7-8	4000	0	1
Plymouth	1016.3	+16	WNW	3	c	57	85	7	6	2	-	1	9+	2500	1	2
Portland Bill	1014.2	+22	W'N	6	c	59	75	7	4	5	-	4-6	9	2500	0	5
Calshot, S'hampton	1013.2	+30	WNW	4	c	59	85	8	5	7	-	1	9	2500	0	3
Dungeness																
Lympne	1010.4	+30	W	4	c	57	85	6	9	-	-	7-8	7-8	2500	1	•
Guernsey	1017.1	+20	W	3	c	58	85	7	5	2	8	4-6	9	2500	0	5

PAST 24 HOURS.

Stations	Weather 7h.—13h. 21st (37)	Weather 13h.—18h. 21st (38)	Weather 18h 21st to 1h. 22nd (39)	Weather 1h.—7h. 22nd (40)
Lerwick	cbc	bc	bc Ѡ	bcc
Stornoway	bco	bc	bcco	ob$_0$
Wick	c	oc	bc	bcc
Tiree	bc.b	b bc c	cbcW	bcc
Nairn	bc	bcprc	bcw	c
Aberdeen	coir$_0$	ocbc	cm	cm$_0$
Malin Head	c	c	c	cir$_0$
Renfrew	bwbc	bc	bcbw	bwcm p$_0$
Inchkeith (Edin.)	cbc	bcc	cbcir$_0$	bcc
Leuchars	bccv	cbcvy	bcvcw	cw
Eskdalemuir	bc	bc	bcbw	bwcw
Tynemouth	cbcp$_0$	bc	bc	bc
Blacksod Point	c	c	rr	ir
Aldergrove	cjp	c	c	coid.
Donaghadee	bc	pr$_0$ bc	bcco	id$_0$ mo
Birr Castle	c	co	oir	oirorr
Holyhead	cbcb	bcc	cbcc	codid.
Liverpool (Bidston)	cbcq	bcq bc	bcc	coc
Chester (Sealand)	pr$_0$cq	qcbc	bcc	bc
Harrogate	bbc	bcc	cb	bbccr$_0$
Spurn Head	bcc	cpr	cbcqbc	bcc
Birmingham	cbc	bcc	cpr$_0$	c
Cranwell	bcz$_0$	bcc	cbm$_0$w	b,cwr$_0$,c
Gorleston	cq	cjpuq	bcb	bbcc
Valentia Obs.	cbcc	cir$_0$	cir$_0$ od$_0$d$_0$	or$_0$r$_0$ od$_0$d$_0$
Roches Point	c	c	coir$_0$ ofe	offec
Pembroke	cq	bccq	c	orrf
Ross-on-Wye	cp$_0$bcc	bcc	co	or$_0$oc
Leafield	cp$_0$bc	bcc	cbcc	cr$_0$ocf
Cardington	cbc	bcqbc	bcb	bccr.m$_0$
Winchester	bcc	cpr$_0$c	cbcc	cr$_0$
S. Farnborough	c	cbcc	c, b	b, cr$_0$r$_0$
London (Kew)	cbc	bcc	bc	cir$_0$ m$_0$
Croydon	cpr$_0$bc	bccpcm$_0$	cm$_0$bbcbm$_0$	bm$_0$c pr$_0$
Manston	cprbc	bc	bc	bcwc
Shoeburyness	cbc	bc	bcb	bbcco
Clacton-on-Sea	cbcy	bcybc	bc	bcc
Felixstowe	bc	bcbv	b	bwbcc
Scilly (St. Mary's)	bcc	c	codf	offrr
Falmouth	bcq	bcc	bcFd	oFd$_0$ir
Plymouth	cpr$_0$qbc	c	cb	coddm$_0$m
Portland Bill	c	c	cir$_0$	ir$_0$orrz$_0$
Calshot, S'hampton	cbc	bc, c	bbc	bc, cd$_0$d$_0$
Dungeness				
Lympne	opr$_0$c	cprPR	cor$_0$r$_0$b	bwc cr$_0$
Guernsey	cq.bcc	cbcc	co	orr

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.
m, mist, " 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_0, slight rain. rr, continuous rain.

⋖, less than (for cloud height).

⊕, solar halo. Ѡ, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
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.

(Facing page fragment, partly visible:)

TION ....1930.

URS.

FALL. Night 18h-7h mm. (35)	SUNSHINE 20th Hrs. (36)
1	0.3
Tr.	7.2
1	•
-	5.2
0.2	0.2
6	0.0
-	2.1
0.2	1.5
0.4	0.0
1	0.0
Tr.	0.9
1	•
0.2	•
Tr.	0.4
-	•
2	0.1
Tr.	0.7
0.2	0.3
1	1.1
Tr.	2.6
1	0.3
7	0.3
2	0.7
4	2.8
Tr.	0.9
0.1	•
1	0.6
4	1.4
3	0.6
3	0.9
5	1.6
5	2.7
7	1.4
6	1.5
3	3.9
5	4.4
3	2.9
4	2.6
-	3.2
0.4	0.9
-	0.1
2	•
3	3.1
4	2.4
0.6	4.2

S, etc.

...Code for visibility. ...t visible at 55 yards. 220 " 550 " ,100 " 1¼ miles. 2½ " 6¼ " 12½ " 31 " ...yond 31m.

...Code for Sea. ...ery rough. ...igh. ...ery high. ...recipitous. ...onfused.

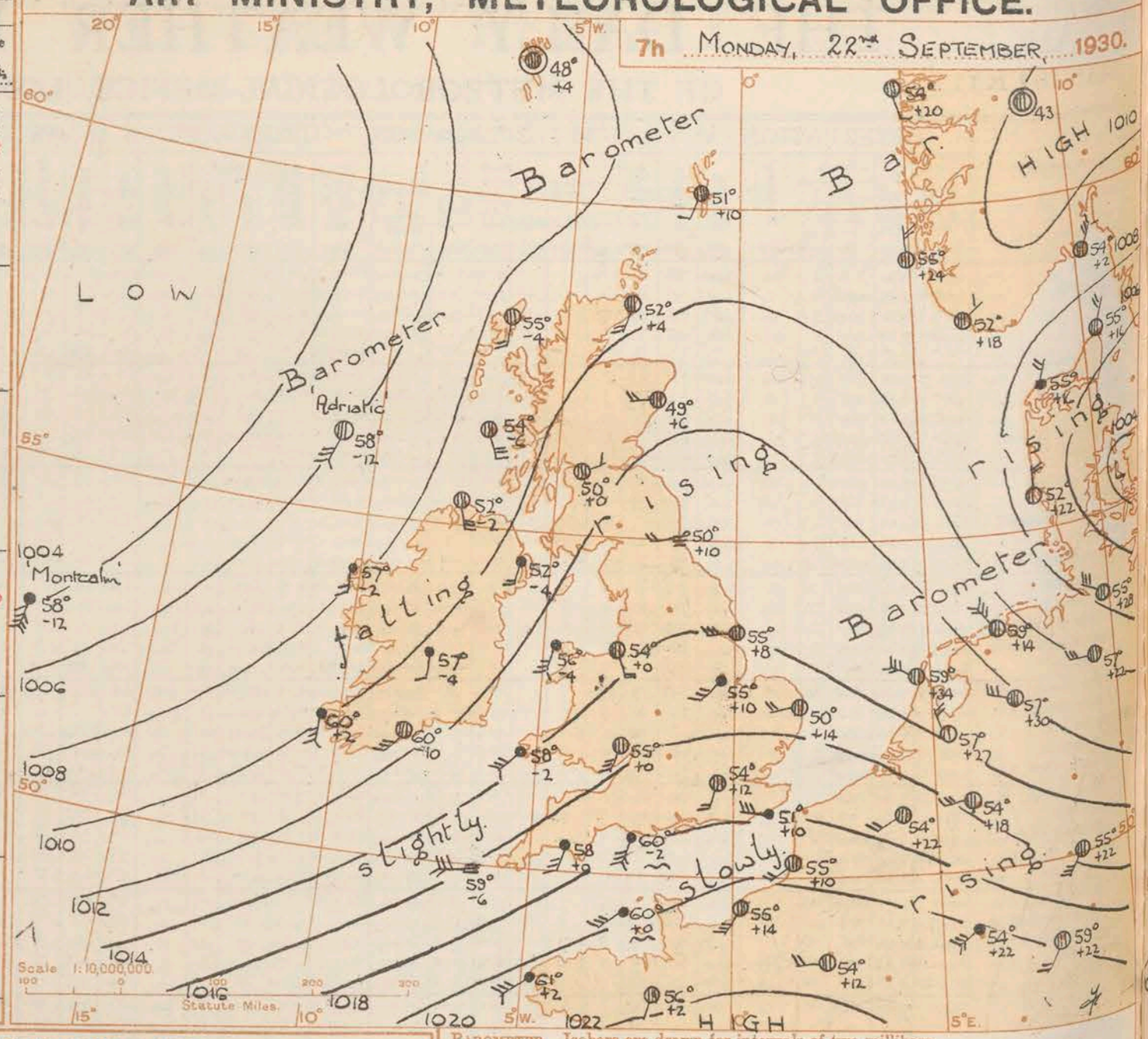
...tor.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 21st September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 20th to 9h. 21st	Temperature. Max. 9h.—17h. 21st	Rainfall. Night. 17h. 20th to 9h. 21st	Rainfall. Day. 9h.—17h. 21st	Sunshine. Sunrise to 17h. 21st	Sunshine. Sunrise to Sunset. 20th
Dunbar ...	cr₀	bcc	53	61	1	–	0.9	0.3
Berwick-on-T. ...	rc	bc	52	61	3	–	2.1	0.8
Douglas	b	b	53	60	1	—	7.5	0.8
Llandudno ...	bc b	bcc	55	62	2	–	5.0	0.2
Colwyn Bay ...	obcob	obcbc	55	62	3	–	2.9	0.4
Rhyl	m₀cbc	bc	55	60	1	–	5.0	0.5
Wallasey ...	bcb	bbcb	55	61	1	–	8.0	0.1
Southport ...	bcc	cbbc	56	61	0.6	–	6.2	0.1
Blackpool ...	cbc	bcc	56	62	0.2	–	6.7	0.6
Morecambe ...	b	b	55	62	2	–	8.6	0.1
Ilkley	bc	bcc	52	64	1	–	6.6	2.1
Cleethorpes ...	roc	coc	54	62	Tr.	–	2.8	0.3
Mablethorpe ...	coc	cpoc	53	63	Tr.	Tr.	2.8	1.0
Skegness	ocbcb	bcco	54	64	1	–	6.3	2.1
Aberystwyth ...	PRqc	c	54	60	19	–	1.5	0.0
Bath	cbc	bcc	55	64	6	–	4.0	0.5
Cheltenham †	cbc	cbc	52	64	9	–	6.2	1.5
Leamington Spa	c	c	52	64	6	–	5.0	1.1
Lowestoft ...	cbc	cprc	53	64	5	0.1	3.9	3.4
Dovercourt ...	rbc	bc	54	65	4	–	7.1	3.4
Maldon	cbc	b	55	66	3	–	6.8	1.6
Southend ...	cbc	c	55	68	3	–	6.5	4.6
Ilfracombe ...	ocbc	bcc	56	60	6	–	0.9	0.0
Bude	cbc	bcc	55	60	0.6	–	4.5	0.0
St. Ives	c	c	53	61	—	—	5.1	0.0
Penzance ...	b	bcb	55	62	–	–	5.8	0.4
Torquay	pocq	cobco	55	63	0.5	–	1.8	2.4
Jersey	pcbc	bcc	58	62	0.5	–	5.5	1.7
Weymouth ...	cp₀c	bcc	55	63	0.5	Tr.	2.0	1.2
Bournemouth ...	c	co	54	64	1	–	2.0	1.5
Ventnor	rcb	bcu	55	63	3	–	6.4	2.3
Southsea ...	bc	cbc	55	64	3	–	6.8	3.2
Bognor Regis ...	bcobc	bc	54	62	2	–	4.4	3.2
Littlehampton ...	bc	bbc	55	64	1	0.1	3.1	3.2
Worthing ...	bcbc	bcc	56	63	2	–	3.4	2.8
Brighton... ...	cbc	bc	55	64	1	–	2.0	0.0
Eastbourne †	coc	cbcbc	57	65	3	–	3.7	2.1
Hastings †	cbcc	cbcb	54	64	9	–	2.4	1.8
Folkestone ...	roc	cbcp	54	65	5	0.4	2.7	2.4
Dover	cbcc	pbc	55	65	4	0.6	2.4	2.6
Deal	ocbc	bcpo	54	66	3	Tr.	2.6	3.1
Tunbridge Wells	copo	cbcc	53	64	6	Tr.	4.4	2.3
Ramsgate ...	c	bc	55	65	3	–	4.9	0.0
Margate	cbc	bc	54	64	3	–	5.3	5.1

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



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. - ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. ⊤ Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ⌒ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 22nd Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind southwesterly, moderate; dull or cloudy; some rain or drizzle; mist or fog near coast; moderate temperature, close.
5. S.W. England 6. South Wales 7. North Wales	Wind southwesterly, moderate; dull or cloudy; some rain or drizzle; mist or fog locally at night; moderate temperature, close.
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	Wind southwest or south, moderate; dull or cloudy; some rain or drizzle; mist or fog at night locally; rather warmer.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind south or southwest, moderate; cloudy; rain at times; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind south or southwest, moderate or fresh; dull or cloudy; some rain or drizzle; perhaps brighter tomorrow; mist or fog near coast; moderate temperature.

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

GENERAL INFERENCE.

A depression is centred northwest of Ireland and associated secondary disturbances will probably travel northeastwards across the country. An anticyclone is taking up position over France and Spain. Weather will be rather unsettled.

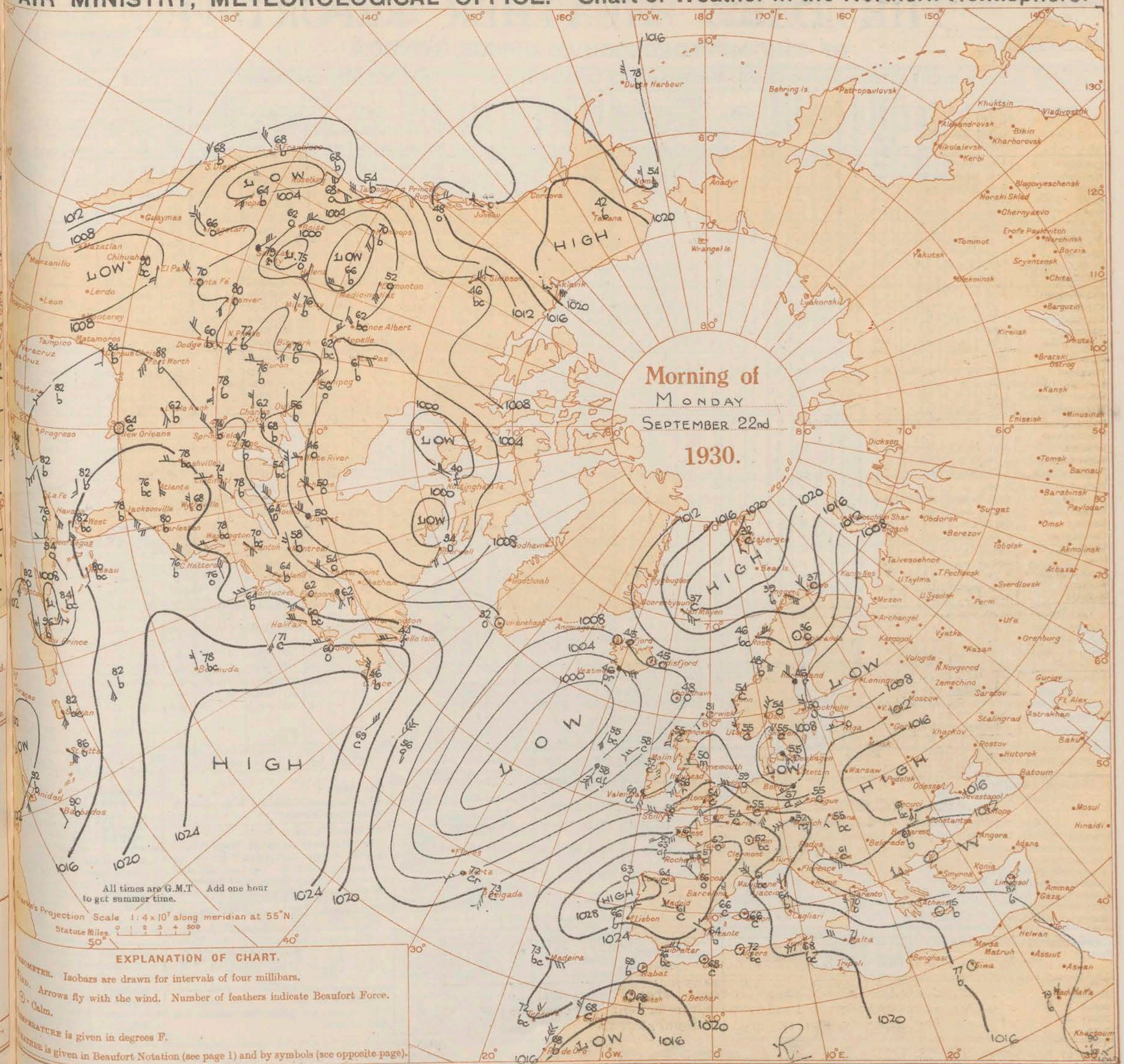
FURTHER OUTLOOK.

None issued.

Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

⊙ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

22nd September 1930.

No. 26141

OBSERVATIONS at 1 hr. G.M.T. 22nd September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1007.2	+16	-	0	bc	49	85	8	7	-	-	2.3	2.3	2500
Stornoway	34	1009.0	+4	-	0	•	•	•	6	•	•	•	•	10	•
Wick	81	1008.9	+8	W	2	bc	47	95	8	8	4	-	2.3	4.6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1009.6	-12	SSE	3	c	53	95	7	5	-	-	9+	9+	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1010.4	+16	WSW	3	bc	51	95	7	5	-	-	2.3	2.3	4000
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1011.3	+12	W	2	bc	52	85	7	1	-	-	4.6	4.6	2500
Blacksod Point	10	1008.2	-8	SE	5	rr	56	95	6	6	-	-	10	10	<150
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1013.5	+4	SW	3	c	56	85	7	-	2	-	0	9+	-
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1011.0	+8	NW	4	bc	55	95	7	-	2	-	0	4.6	-
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1013.7	+14	W'S	2	b	51	95	6	-	3	-	0	1	-
Gorleston	14	1012.1	+16	W'N	2	b	54	95	6	-	-	-	0	0	-
Valentia Obs.†	30	1011.7	0	S	3	f	59	95	2	-	-	-	10	10	<150
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1015.0	0	SSW	4	ir.	57	95	5	5	-	-	10	10	4000
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1015.5	+16	W'S	3	z	53	95	6	-	-	-	0	0	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1016.5	-6	WSW	4	f	57	95	2	-	-	-	10	10	<150
Falmouth	200	1017.4	-6	S'W	4	~~f~~ d.d.	56	95	0	-	-	-	10	10	<150
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1017.3	+8	W	5	ir.	58	75	8	4	2	-	4.6	10	2500
Calshot, S'hampton	8	1016.8	+10	WNW	3	c	55	85	8	7	5	-	4.6	7-8	2500
Dungeness	20														
Lympne	347	1015.1	+16	W'N	3	b	50	95	7	-	-	-	0	0	-
Guernsey	173	1019.0	+8	SW	1	o	57	85	8	5	-	-	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 22nd September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1008.8	+10	SW	1	c	51	85	7	5	2	-	4.6	9+	1500	0	*
Stornoway	1008.8	-4	S	2	c	55	95	7	4	7	-	9	9+	4000	0	2
Wick	1009.8	+4	SW	2	o	52	95	8	5	-	-	10	10	1500	0	2
Tiree	1009.1	-6	SE	3	c	54	95	7	5	7	-	2.3	9+	1500	0	2
Nairn	1010.3	•	-	0	c	48	95	7	5	2	-	4.6	7-8	2500	0	*
Aberdeen	1011.5	+6	W	2	c	49	95	6	5	7	-	7-8	10	4000	1	1
Malin Head	1008.6	-2	SSE	3	c/r	52	95	7	5	1	-	9	10	800	1	1
Renfrew	1012.3	0	ENE	1	c/pr	50	95	4	5	2	-	~~7-8~~ 9+	10	4000	1	*
Inchkeith (Edin.)	1011.9	+6	SW	1	o	52	95	7	5	-	-	10	10	1500	0	0
Leuchars	1011.5	+10	SW	2	c	50	95	6	5	-	-	9+	9+	5700	1	*
Eskdalemuir	1013.5	+2	-	0	o	45	95	6	5	-	-	10	10	220	1	*
Tynemouth	1012.6	+10	W	2	m	50	95	4	5	-	-	7-8	7-8	1500	0	1
Blacksod Point	1008.1	-2	S	2	ir	57	95	7	3	-	-	10	10	<150	1	2
Aldergrove	1010.7	-4	SSE	2	o/d	52	95	7	5	-	-	10	10	800	1	*
Donaghadee	1010.8	-4	SSW	2	i.d.	52	95	6	6	-	-	10	10	800	1	1
Birr Castle	1010.1	-4	S	1	rr	57	95	7	6	-	-	10	10	2500	1	*
Holyhead	1012.2	-4	SW	4	dd	56	95	6	6	-	-	10	10	450	1	2
Liverpool (Bidston)	1013.7	0	SE	2	c	54	85	6	5	-	-	9+	9+	800	0	*
Chester (Sealand)	1013.9	0	SSE	2	o	54	95	7	5	-	-	10	10	2500	1	*
Harrogate	1013.7	+10	SSW	2	r.r.	53	95	5	6	2	-	1	10	2500	1	*
Spurn Head	1013.8	+8	W'N	3	c	55	95	7	5	2	9	4-6	9+	2500	0	3
Birmingham	1015.9	+2	SSW	2	c	52	95	6	-	2	-	0	10	-	1	*
Cranwell	1015.5	+10	WSW	3	ir.	53	95	6	6	2	-	7-8	10	4000	1	*
Gorleston	1015.1	+14	W	2	c	50	95	6	5	7	-	2.3	9	2500	0	2
Valentia Obs.†	1010.7	+2	S'W	4	d.d.	60	95	7	5	-	-	10	10	220	1	3
Roches Point	1011.7	-10	SW	3	c	60	95	7	5	-	-	9	9	1500	1	2
Pembroke	1013.6	-2	SW	4	rr	58	95	6	5	-	-	10	10	800	1	3
Ross-on-Wye	1015.2	0	SSW	3	c	55	95	7	5	7	-	9+	10	2500	1	*
Leafield	1016.3	+6	SW	3	~~c~~ if	52	95	8	5	2	-	4-6	10	450	1	*
Cardington	1016.0	+8	SW	3	ir.	53	95	6	5	2	-	9	10	1500	1	*
Winchester	1017.5	+6	S'E	1	ir.	53	95	7	5	2	-	7-8	10	1500	1	*
S. Farnborough	1017.3	+8	SSW	1	c/r	54	95	7	5	1	-	4-6	10	4000	1	*
London (Kew)	1017.7	+12	SWS	2	c/r	54	95	5	5	7	-	2.3	10	2500	1	*
Croydon	1017.6	+10	SWS	2	ir.	55	95	6	-	2	-	0	10	-	1	*
Manston	1017.1	+16	WSW	2	c	53	95	7	-	-	7	0	9+	-	0	*
Shoeburyness	1018.4	+20	WSW	2	i.d.	55	85	7	-	1	-	0	10	-	0	*
Clacton-on-Sea	1016.8	+10	W	3	c	53	95	7	4	2	-	Tr.	7-8	1500	0	1
Felixstowe	1016.4	+20	W'N	2	c	53	95	7	-	3	-	0	7-8	-	1	1
Scilly (St. Mary's)	1016.9	-6	W	5	F	58	95	1	5	-	-	10	10	<150	0	3
Falmouth	1017.1	0	WSW	4	F-	59	95	1	5	-	-	10	10	~~220~~ <150	1	1
Plymouth	1016.9	0	SSW	3	d.d.	58	95	5	5	-	-	10	10	220	1	2
Portland Bill	1016.4	-2	SSW	5	rr	60	95	6	5	1	-	10	10	800	1	4
Calshot, S'hampton	1017.6	+2	WSW	3	d.d.	58	85	7	5	4	-	7-8	10	1500	1	0
Dungeness																
Lympne	1017.3	+10	W'N	3	ir.	51	95	6	-	7	-	0	9+	-	1	*
Guernsey	1019.0	0	WSW	3	rr	60	95	6	6	-	-	10	10	1500	1	4

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 21st Hrs. (36)
Lerwick	58	48	*	—	-	5.0
Stornoway	61	47	*	—	0.1	6.0
Wick	58	46	*	—	-	*
Tiree	60	49	40	—	-	8.3
Nairn	57	45	*	2	-	0.9
Aberdeen	59	46	40	Tr.	-	1.7
Malin Head	59	50	*	—	1	3.1
Renfrew	65	44	35	—	Tr.	9.0
Inchkeith (Edin.)	62	50	48	—	0.1	4.4
Leuchars	64	47	39	—	-	5.3
Eskdalemuir	62	39	35	—	-	6.6
Tynemouth	62	49	44	0.1	-	*
Blacksod Point	59	52	*	—	2.4	4.6
Aldergrove	61	51	43	—	Tr.	*
Donaghadee	61	51	*	Tr.	0.2	*
Birr Castle	60	52	51	—	4	2.2
Holyhead	62	53	51	—	0.6	8.0
Liverpool (Bidston)	59	53	51	—	-	7.7
Chester (Sealand)	63	53	49	Tr.	-	6.2
Harrogate	63	49	46	—	0.2	9.6
Spurn Head	61	53	*	Tr.	Tr.	1.7
Birmingham	61	52	49	0.1	Tr.	4.6
Cranwell	63	50	46	—	Tr.	[illegible]
Gorleston	65	50	48	—	-	3.1
Valentia Obs.†	66	55	54	0.1	2	4.1
Roches Point	62	55	*	—	3	*
Pembroke	60	55	*	—	1	4.4
Ross-on-Wye	63	53	50	0.1	0.5	3.3
Leafield	62	50	47	Tr.	0.1	5.0
Cardington	64	49	48	—	0.1	5.8
Winchester	64	52	49	Tr.	0.1	5.1
S. Farnborough	66	51	44	—	0.2	4.8
London (Kew)	65	52	46	Tr.	0.1	3.2
Croydon	65	53	49	Tr.	Tr.	3.9
Manston	65	51	47	Tr.	-	5.0
Shoeburyness	67	52	49	—	-	6.6
Clacton-on-Sea	66	51	48	—	-	7.5
Felixstowe	64	51	49	—	-	7.0
Scilly (St. Mary's)	61	55	*	—	7	6.5
Falmouth	61	(56)	*	—	4	6.3
Plymouth	61	55	53	Tr.	1	1.6
Portland Bill	61	56	*	Tr.	1	*
Calshot, S'hampton	64	53	51	—	Tr.	4.0
Dungeness			*			*
Lympne	63	48	46	~~1~~ 2	Tr.	2.5
Guernsey	61	56	53	—	2	6.7

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cbc	bcc	bc cir.	65	52	46	Tr.	0.1	3.2	•	•	6
Croydon	244	cpr bc	bc cpcm.	cm bcpr.	65	53	49	Tr.	Tr.	3.9	•	•	6
Greenwich (Royal Observatory)	149	cbc	crc	cbc i.d.o	66	52	46	3	Tr.	3.7	74	88	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	2.9	•	•	•
Westminster (St. James' Park)	27	•	•	•	66	53	50	2		2.0	75	87	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	2.7	•	•	•
Camden Square	110	cor	oroc	•	66	54	*	2	—	•	•	90	•
Kensington Palace	80	bcp	bc	•	65	53	42	0.5	0.2	•	At 18h. 70	87	•
Hampstead Observatory	450	bcp	bcp bc	•	63	49	42	2	0.3	4.0	•	95	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 22nd

South Kensington. Max.	Time.	Min.	Time.
0.5	7h 22nd	<0.3	11h 21st – 5h 22nd

Kew Observatory. Max.	Time.	Min.	Time.
0.1	11h 21st	<0.1	2h 22nd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 21st September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 22nd September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1015.8	NW	3	c	59	1021.0	W	2	c	54	64	52	Tr.	-
Brussels	1008.7	W'S	3	bc	57	1017.6	WSW	2	c	54	63	52	2	0.1
Berlin	1006.5	SW	3	c	59	1007.9	WSW	2	i.d.	57	64	52	-	Tr.
Zürich						1021.6	N	1	ir.	50		50		1
Rome	1013.1	NW	5	bc	70						79		-	

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
T = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

23rd September 1930.

No. 25142

OBSERVATIONS at 13h. G.M.T. 22nd September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1010.8	+8	SSW	1	c	55	75	7	5	7	–	4.6	9+	1500
Stornoway	1008.2	−2	S'E	3	c	57	85	8	4	6	–	7.8	9	4000
Wick	~~1006.8~~ 1010.5	+2	S	2	bc	56	85	8	7	–	9	2.3	4.6	2500
Tiree	1009.1	+2	S'E	5	c	56	95	8	5	2	–	7.8	10	1500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.5	−4	S	2	bc	59	75	6	1	3	4	Tr.	4.6	2500
Malin Head	1008.7	+12	SSE	2	c/r	60	95	7	5	8	–	9	9+	1500
Renfrew	1012.1	−6	S	2	o	59	85	6	5	–	–	10	10	1500
Inchkeith (Edin.)	1011.9	0	SW	1	c	57	85	7	5	2	–	4.6	10	800
Leuchars	1011.9	−4	S	2	c	62	65	6	2	8	9	2.3	7.8	1500
Eskdalemuir	1012.7	0	S'E	1	dodo	53	95	5	5	–	–	10	10	220
Tynemouth	1012.6	0	SSW	2	o	59	75	7	5	–	–	10	10	1500
Blacksod Point	1008.9	+4	SW	4	c	60	95	8	9	7	–	4.6	9	220
Aldergrove	1010.4	−2	S'W	2	o/r	59	95	6	5	–	–	10	10	450
Donaghadee	1010.7	0	SW	1	ido	60	95	7	5	–	–	10	10	800
Birr Castle	1011.1	+4	SW	3	o/r	63	95	8	6	–	–	10	10	2500
Holyhead	1011.4	−6	SW'S	4	f	59	95	2	–	–	–	10	10	<150
Liverpool (Bidston)	1012.7	−2	SE'E	3	o/d	59	95	5	5	–	–	10	10	1500
Chester (Sealand)	1013.5	−2	SSE	2	ir	58	95	5	6	2	–	7.8	10	2500
Harrogate	1014.0	0	S	1	df	55	95	3	5	–	–	10	10	<150
Spurn Head	1014.3	0	SW'S	2	pro	57	95	6	3	2	–	4.6	10	2500
Birmingham	1014.7	−6	SSW	3	dodo	57	95	5	6	2	–	4.6	10	2500
Cranwell	1015.7	+2	S'W	3	iro	55	85	7	6	–	–	10	10	2500
Gorleston	1016.3	+4	SW'W	2	c	58	85	6	4	–	–	10	10	2500
Valentia Obs.	1012.8	+6	S'W	3	o	61	95	6	5	–	–	10	10	450
Roches Point	1013.2	+8	NW	3	c	63	95	7	5	–	–	9	9	1500
Pembroke	1013.8	0	SW	4	f+	59	95	2	–	–	–	10	10	<150
Ross-on-Wye	1014.2	−10	WSW	3	o	62	95	7	5	–	–	10	10	2500
Leafield	1015.3	−6	S'W	4	dd	58	95	4	6	–	–	10	10	220
Cardington	1015.9	−8	SSW	2	o	59	85	6	5	–	–	10	10	800
Winchester	1016.4	−10	SSW	3	dodo	60	95	6	5	–	–	10	10	220
S. Farnborough	1016.2	−10	SSE	2	dodo	60	95	5	5	–	–	10	10	800
London (Kew)	1017.0	−8	SW'S	2	c/d	60	85	6	5	2	–	9+	10	2500
Croydon	1016.8	−12	S	4	c/r	59	95	6	5	2	–	9	10	800
Manston	1017.7	−2	SW	3	ido	58	85	7	5	2	–	7.8	10	2500
Shoeburyness	1017.5	−6	SSW	3	c	58	95	7	5	2	–	7.8	10	1500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1017.4	−6	SW'S	3	o	60	75	6	5	–	–	10	10	2500
Scilly (St. Mary's)	1017.6	+2	WSW	4	f	60	95	2	–	–	–	10	10	–
Falmouth	1018.0	0	WSW	5	c	61	95	5	5	1	–	~~10~~ [illegible]	10	1500
Plymouth	1017.3	+2	SW	3	3	59	95	6	5	–	–	10	10	220
Portland Bill	1016.6	−6	SW	5	iro	60	95	6	5	–	–	10	10	1500
Calshot, S'hampton	1016.9	−6	WSW	4	dodo	61	95	6	5	–	–	10	10	800
Dungeness														
Lympne	1018.0	−4	SW'S	3	dodo	56	95	~~5~~ 6	5	–	–	10	10	220
Guernsey	1019.0	0	SW	4	o/d	62	95	5	5	–	–	10	10	1500

OBSERVATIONS at 18h. G.M.T. 22nd September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1011.3	+6	S'E	2	bc	53	95	7	5	7	1	2.3	4.6	1500	0	•
Stornoway	1007.8	−4	S'W	3	c	57	85	8	8	–	–	10	10	4000	0	2
Wick	1010.1	0	S	2	bc	54	95	8	5	4	8	2.3	4.6	2500	0	2
Tiree	1008.5	−6	SSE	4	irc	56	95	6	5	–	–	10	10	<150	1	3
Nairn	1008.8	•	–	0	c	58	85	7	5	2	2	4.6	7.8	2500	0	•
Aberdeen	1011.8	+2	S	3	c	55	85	7	5	3	4	4.6	7.8	4000	1	1
Malin Head	1008.0	0	SSE	1	c	62	95	7	5	–	–	9+	9+	1500	0	0
Renfrew	1011.7	−2	E	1	m	57	95	4	5	–	–	10	10	1500	1	•
Inchkeith (Edin.)	1011.7	0	SE	1	o	57	95	8	5	–	–	10	10	1500	0	0
Leuchars	1011.8	−2	S	1	o	57	85	7	5	–	–	10	10	2500	1	•
Eskdalemuir	1012.7	+2	S	2	dodo	53	95	5	5	–	–	10	10	220	1	•
Tynemouth	1012.6	+2	S	2	o	58	85	6	5	–	–	10	10	1500	0	1
Blacksod Point	1008.4	−8	S	4	dr	59	95	6	6	–	–	10	10	<150	1	3
Aldergrove	1010.3	−2	S'E	2	ido	61	95	5	6	–	–	10	10	220	1	•
Donaghadee	1010.6	0	SW	1	o	57	95	6	5	–	–	10	10	800	0	0
Birr Castle	1011.2	−2	SW	1	o	64	95	7	5	–	–	10	10	2500	1	•
Holyhead	1012.3	+6	SW'S	4	f	58	95	2	–	–	–	10	10	<150	1	2
Liverpool (Bidston)	1013.2	+2	SSW	2	o	61	95	8	5	–	–	10	10	1500	1	•
Chester (Sealand)	1013.4	0	SW'W	2	c	63	85	7	5	3	–	9	9+	1500	1	•
Harrogate	1013.6	0	S	1	df	55	95	2	5	–	–	10	10	<150	1	•
Spurn Head	1012.9	0	S	3	roro	56	95	6	6	–	–	10	10	2500	1	3
Birmingham	1014.8	+2	SSW	3	c	62	95	6	5	–	–	9	9	2500	1	•
Cranwell	1014.7	0	S'E	2	dodo	58	95	4	6	–	–	10	10	800	1	•
Gorleston	1016.0	0	S'W	2	roro	56	95	6	6	–	–	10	10	1500	1	2
Valentia Obs.	1011.8	−10	S'E	4	ido	60	95	5	6	–	–	10	10	220	1	3
Roches Point	1013.8	+10	SW	2	c	61	95	8	5	–	–	9	9	1500	0	2
Pembroke	1014.9	+4	W	3	F	59	95	1	–	–	–	10	10	<150	1	2
Ross-on-Wye	1014.6	+6	SW	3	c	63	85	8	5	7	9	1	7.8	2500	1	•
Leafield	1015.9	+6	SW	4	o	60	95	7	5	–	–	10	10	800	1	•
Cardington	1015.3	+2	WSW	3	c	62	95	6	5	2	–	7.8	10	800	1	•
Winchester	1016.9	+8	SW'S	2	o	61	95	5	5	–	–	10	10	450	1	•
S. Farnborough	1016.0	0	SW	2	o	63	95	6	5	–	–	10	10	800	1	•
London (Kew)	1016.3	0	SW'S	2	ido	62	95	5	6	2	–	7.8	10	1500	1	•
Croydon	1016.5	+2	SW'S	2	3	62	95	6	5	–	–	10	10	450	1	•
Manston	1016.2	−10	SW	3	dodo	61	95	6	5	–	–	10	10	800	1	•
Shoeburyness	1017.3	−6	SW	2	o/d	62	95	5	5	–	–	10	10	1500	1	•
Clacton-on-Sea	1016.1	−6	SSW	3	o	60	95	6	6	–	–	10	10	800	1	1
Felixstowe	1015.9	−8	SSW	2	dodo	60	95	6	6	–	–	10	10	800	1	0
Scilly (St. Mary's)	1018.7	+6	WSW	4	f	59	95	2	–	–	–	10	10	<150	1	2
Falmouth	1018.8	+6	W'S	4	fc	60	95	5	5	2	–	~~10~~ [illegible]	10	1500	0	2
Plymouth	1018.3	+8	W	3	ido	60	95	5	5	–	–	10	10	<150	1	2
Portland Bill	1017.0	+4	SW'W	5	iro	60	95	5	5	–	–	10	10	800	1	5
Calshot, S'hampton	1017.0	+2	WSW	4	o	61	95	6	5	–	–	10	10	450	1	2
Dungeness																
Lympne	1016.5	−2	WSW	3	dF	60	95	1	6	–	–	10	10	<150	1	•
Guernsey	1019.8	+6	WSW	3	o/d	62	95	3	5	–	–	10	10	1500	1	4

PAST 24 HOURS.

Stations	Weather 7h.–13h. 22nd (37)	Weather 13h.–18h. 22nd (38)	Weather 18h 22nd to 1h. 23rd (39)	Weather 1h.–7h. 23rd (40)
Lerwick	c	cbc	co	orrmo
Stornoway	oc	o	orr	oid
Wick	cbc	bc	bcoir	oircir
Tiree	c	cro	idorr	Rd
Nairn	cbc	bcc	cPR	prc
Aberdeen	crocbczo	bcbbc	ciromo	orrmo
Malin Head	ciro	o	crorom omo	crorom omo
Renfrew	irofdc	cmoom	om,roro	Rroog
Inchkeith (Edin.)	o	co	orr	oroто
Leuchars	cwcir omo	cmoc	croro	cror
Eskdalemuir	owododo	ododo	ododorr	orrododF
Tynemouth	com	o	oiro	oiroc
Blacksod Point	prqc	dor	rr	rr
Aldergrove	rorodomo	odocmmoo	mocorr	proc
Donaghadee	iroid	idomo	ffido	oiroc
Birr Castle	orriro	oco	oro	oc
Holyhead	d,fro,rro	fec,fro	ffmo	modoc
Liverpool (Bidston)	ododm	omido	cpoc	cr
Chester (Sealand)	mircir	oidmoc	ciro	cr
Harrogate	cofirdo	offido	offido	cbc
Spurn Head	cpro	cpr	odzomo	ocpr
Birmingham	cro	odoc	c	c
Cranwell	cromo	iroidomo	odomo	omobc
Gorleston	c	cororo	ororomomo	ome
Valentia Obs.	odododo	oidodoir	oido	oido
Roches Point	c	c	comodo	ododo
Pembroke	rr,FF	FF	FFeo	po
Ross-on-Wye	coroo	oc	cbcc	coc
Leafield	oido	idoo	c	co
Cardington	cidomoo	omoddem	cmobc	bcw
Winchester	croffddomo	ododomcom	omodocmo	cmo
S. Farnborough	coddddomo	oDomo	omoc	cwmo
London (Kew)	omodc	cmodo	cmo	cmow
Croydon	cdomor	ododomo	omo	ocmo
Manston	circdo	ododomo	ododoc	cmo
Shoeburyness	oidoo	odomo	omd	om
Clacton-on-Sea	co	ogpog	ogc	ogc
Felixstowe	crozo	zooirodd omo	ododomoc	c
Scilly (St. Mary's)	offe	offd	offeo	off
Falmouth	ofdo	om	oifdo	oif
Plymouth	ododofefe	odomo	odomo	oidomo
Portland Bill	orrirozo	oiromo	f	fczo
Calshot, S'hampton	ododomo	ododomo	omoc	cmoof
Dungeness				
Lympne	orocmo	ododoFF	ododroFefmo	odomoof
Guernsey	orodo	oidof	ofodm	odmo

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
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.

(Left edge, facing page, partly visible:)

...TION ...r.1930.

...URS.

...FALL. Night 18h–7h mm. (35)	SUNSHINE 21st Hrs. (36)
–	5.0
0.1	6.0
–	•
–	8.3
–	0.9
–	1.7
1	3.1
Tr.	9.0
0.1	4.4
–	5.3
–	6.6
–	•
2.4	•
Tr.	4.6
0.2	•
4	2.2
0.6	8.0
–	7.7
–	6.2
0.2	9.6
Tr.	1.7
Tr.	4.6
Tr.	[illegible]
–	3.1
2	4.1
3	•
1	4.4
0.5	3.3
0.1	6.0
0.1	5.8
0.1	5.1
0.2	4.8
0.1	3.2
Tr.	3.9
–	5.0
–	6.6
–	7.5
–	7.0
7	6.5
4	6.3
1	1.6
1	•
Tr.	4.0
	•
Tr.	2.5
2	6.7

...S, etc.

...2.—Code for ...ibility.
...ot visible at 55 yards.
220 „
550 „
1,100 „
1½ miles.
2½ „
6¼ „
12½ „
31 „
...eyond 31m.

...—Code for Sea.
...ery rough.
...igh.
...ery high.
...recipitous.
...onfused.

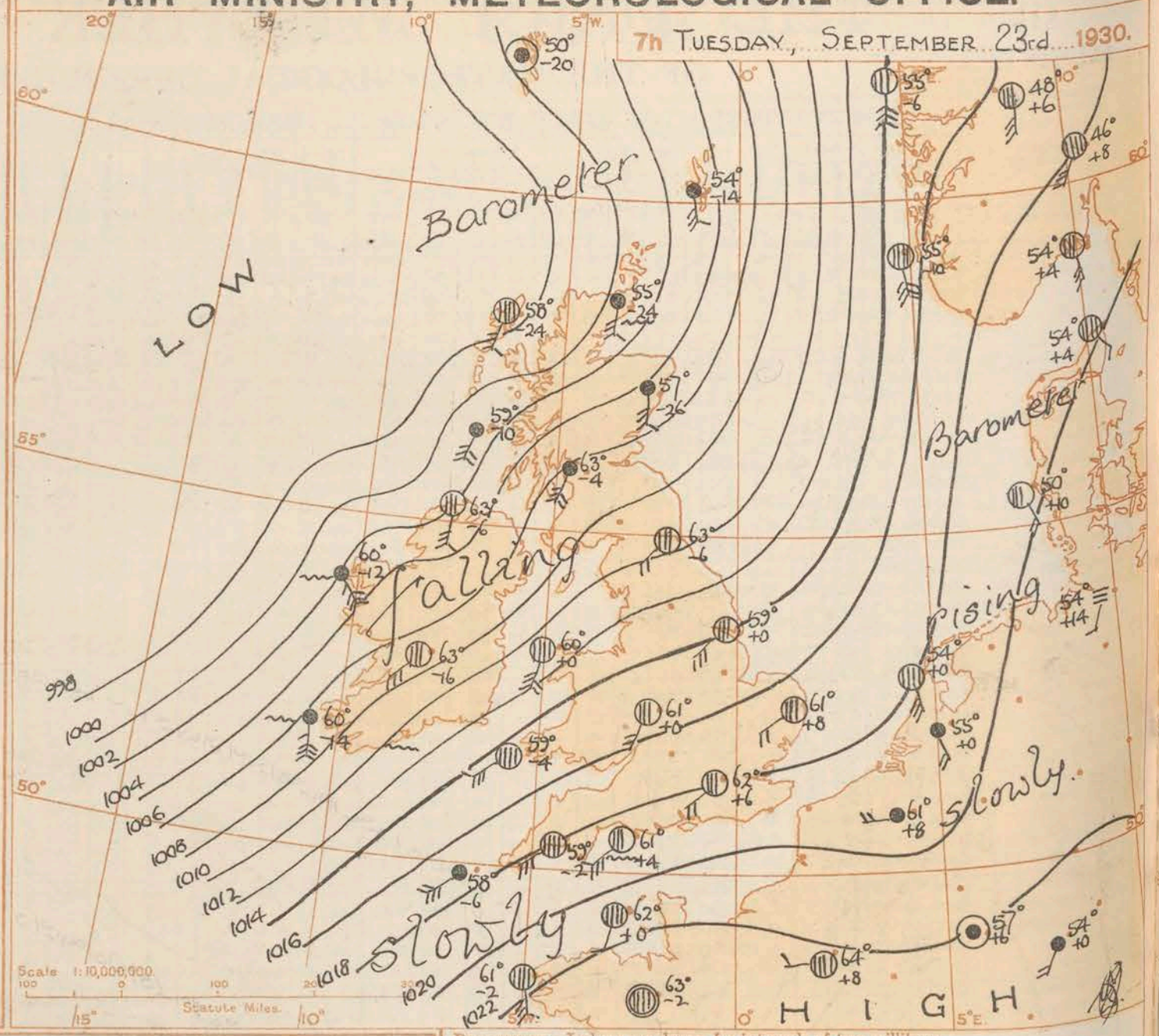
...ctor.

REPORTS from HEALTH RESORTS for .....22nd. September. 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 21st. to 9h. 22nd.	Temperature. Max. 9h.—17h. 22nd.	Rainfall. Night. 17h. 21st. to 9h. 22nd.	Rainfall. Day. 9h.—17h. 22nd.	Sunshine. Sunrise to 17h. 22nd.	Sunshine. Sunrise to Sunset. 21st.
Dunbar ...	o	o	49	60	-	-	0.0	0.9
Berwick-on-T. ...	o	o	48	58	-	-	0.0	2.1
Douglas	oe	f	52	58	2	3	0.6	7.6
Llandudno ...	cr	c	54	65	0.1	0.4	0.0	5.0
Colwyn Bay ...	o	ro	54	66	-	1	0.1	2.9
Rhyl	cd₀c	rc	52	64	-	2	0.1	5.0
Wallasey ...	oir₀	oir₀o	54	61	-	1	0.0	8.0
Southport . ‖	or	rr	54	60	-	4	0.0	6.2
Blackpool ...	oc	od	54	59	-	3	0.6	7.1
Morecambe ...	c	cddcp	53	57	1	1	0.0	9.0
Ilkley	c	odf	49	57	1	Tr.	0.0	6.6
Cleethorpes ...	iro	pod	51	60	1	0.3	0.0	2.9
Mablethorpe ...	owm₀c	orm₀	50	58	-	1	0.0	2.8
Skegness...	o	opro	49	62	-	1	0.0	6.3
Aberystwyth ...	ccir₀	cir₀c	54	62	Tr.	1	0.0	1.5
Bath	cir	cird	55	64	-	2	0.0	4.0
Cheltenham .†	2oir₀	oec	51	63	0.3	1	0.0	6.2
Leamington Spa	cp	c	50	64	0.2	Tr.	0.0	5.0
Lowestoft ...	c	copr	50	58	Tr.	1	0.0	3.9
Dovercourt ...	ocd	doc	51	62	Tr.	0.2	0.0	7.2
Maldon	o	odo	52	61	0.3	Tr.	0.0	6.9
Southend ...	o	or₀	52	63	Tr.	0.4	0.0	6.6
Ilfracombe ...	m	m	55	62	2	2	0.0	0.9
Bude	m	d	52	66	5	1	0.0	4.5
St. Ives	o	c	54	63	4	-	3.8	5.1
Penzance ...	cm	codf	55	64	5	Tr.	0.0	5.8
Torquay	or₀dpm	ocm₀	55	65	1	-	0.1	1.7
Jersey	rc	cd	58	64	2	Tr.	0.0	5.5
Weymouth ...	r₀bm	idco	55	62	1	1	0.0	2.1
Bournemouth ...	o	odo	53	61	0.3	0.3	0.0	2.2
Ventnor	ordf	odfof	55	61	1	3	0.0	6.4
Southsea ...	ord	oro	55	63	1	2	0.0	6.8
Bognor Regis ...	idoc	idoc	57	63	0.3	2	0.0	4.4
Littlehampton ...	cr₀c	cr₀o	53	62	Tr.	2	0.0	3.0
Worthing ...	or₀	oro	53	62	Tr.	1	0.0	3.4
Brighton... ...	odo	odo	54	62	-	2	0.0	2.0
Eastbourne .†	odr₀	r₀doc	54	62	Tr.	2	0.0	3.7
Hastings †	opo	ordf	51	61	0.4	2	0.6	4.5
Folkestone ...	odom₀	omodf	51	61	Tr.	1	0.0	2.7
Dover	o	od	54	61	Tr.	1	0.0	2.6
Deal	o	od₀	53	61	-	Tr.	0.1	2.6
Tunbridge Wells	co	odo	50	61	-	0.3	0.0	4.4
Ramsgate ...	o	do	55	65	-	0.1	0.0	5.0
Margate... ...	cdc	cd	53	61	Tr.	Tr.	0.0	5.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✳ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd Sep, 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Wind south or southwest, light to fresh; dull or cloudy; occasional local drizzle; perhaps rain tomorrow; close and humid; local mist or fog.
4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓ 7. North Wales ↓ 8. N.W. England ↓	Wind south or southwest, fresh or strong, veering later; dull or cloudy; drizzle or rain; local fog or mist; close or humid today, probably cooler tomorrow.
9. N. Midlands 10. N.E. England	As 0 - 3.
11. S.E. Scotland	As 14 - 15.
12. S.W. Scotland & Isle of Man ↓ 13. A. W. Scotland ↓ B. N.W. Scotland. ↓	Wind south or southwest, fresh or strong, veering; cloudy; drizzle or rain; perhaps showers tomorrow; becoming cooler.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind south or southwest, fresh, strong locally; dull or cloudy; occasional rain or drizzle; local mist or fog; rather warm, close.
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Wind south or southwest, fresh or strong, perhaps gale locally at times, veering, decreasing temporarily; cloudy; drizzle or rain; perhaps showers later; becoming cooler.

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

GENERAL INFERENCE.

A depression centred south of Iceland, with a trough off Southwest Ireland, is moving eastwards. A south or southwest air current will maintain cloudy, close and humid weather with some rain or drizzle in most districts, but somewhat cooler and showery conditions are expected to spread slowly eastwards from the West.

FURTHER OUTLOOK.

Unsettled; somewhat cooler.

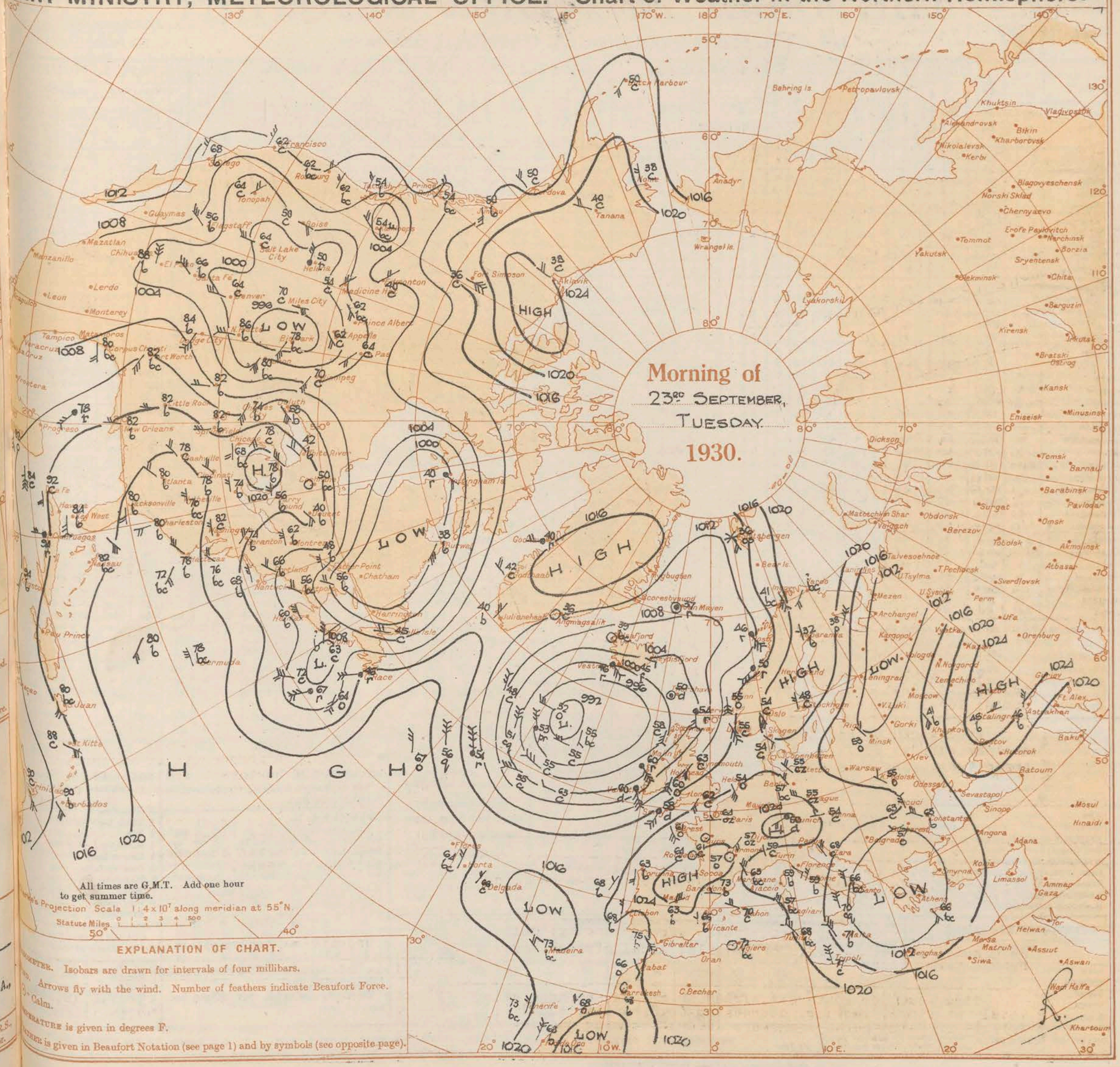
"Times of issue of gale warnings."

↓ South Cone at 0210 on 23rd in 5,6,7,8,12,13A, 13B,17,18,19,20.

Forecasts issued at 0930 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

23rd September 1930.

No. 25142

OBSERVATIONS at 1 hr. G.M.T. 23rd September

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1009.3	-6	S	3	c	54	95	7	5	2	-	4-6	10	1500
Stornoway ...	34	1003.6	-14	S	4	•	•	•	6	•	•	•	•	10	•
Wick	81	1006.9	-12	SSE	5	ir	55	95	7	6	-	-	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head ...	51	1004.0	-28	S	4	r.r.	63	95	6	6	1	-	4-6	10	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1010.0	-12	S	2	r.r.	57	95	7	6	-	-	10	10	800
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir ...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth ...	67	1012.3	-2	SSW	2	ir.	57	95	6	6	-	-	10	10	1500
Blacksod Point ...	10	1003.9	-20	S	8	rr	60	95	6	6	-	-	10	10	<150
Aldergrove ...	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee ...	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle ...	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead... ..	26	1012.8	0	SSW	5	m	59	95	4	5	-	-	10	10	220
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate... ...	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head ...	29	1014.4	0	SWS	1	0	58	95	5	5	-	-	10	10	450
Birmingham ...	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1015.6	+2	WSW	3	0	61	95	5	5	-	-	10	10	1500
Gorleston	14	1016.2	+2	WSW	1	0	60	95	5	6	-	-	10	10	800
Valentia Obs.† ...	30	1008.6	-10	SSE	7	d	61	95	6	3	-	-	10	10	4000
Roches Point ...	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke... ...	150	1015.8	-2	SW	3	0	60	95	7	5	-	-	10	10	800
Ross-on-Wye ...	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington ...	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester ...	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1018.1	+6	WSW	3	2	62	95	6	5	-	-	10	10	1500
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness ...	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe ...	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1018.8	-4	SWS	4	0	59	95	7	5	-	-	10	10	2500
Falmouth... ...	200	1021.1	+10	WSW	3	F	59	95	0	-	-	-	10	10	<150
Plymouth... ...	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill ...	32	1018.9	+6	SW	4	of	60	95	2	5	-	-	10	10	<150
Calshot, S'hampton	8	1018.7	+6	W'N	3	c	61	95	7	5	4	-	7-8	9	2500
Dungeness ...	20														
Lympne	347	1018.1	+6	W	3	id.	60	95	6	5	-	-	10	10	220
Guernsey	173	1021.1	+2	SW	3	o/d	61	95	4	5	-	-	10	10	1500

OBSERVATIONS at 7 hr. G.M.T. 23rd September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1003.6	-14	SE	4	r.r.	54	95	6	6	-	-	10	10	1500	1	*
Stornoway ...	997.8	-24	SSW	4	c	58	95	7	3	-	-	10	10	4000	1	3
Wick	1001.3	-24	S	4	ir	55	95	7	6	2	-	7-8	10	1500	1	4
Tiree	1001.2	-10	SSW	5	do.do.	59	95	5	5	-	-	10	10	220	1	3
Nairn	1000.7	•	-	0	c	58	95	7	3	-	-	7-8	7-8	2500	2	*
Aberdeen	1004.3	-26	S	4	ir.	57	95	6	6	-	-	10	10	800	1	2
Malin Head ...	1002.0	-6	S	4	clr	63	95	6	6	-	-	9+	9+	800	1	1
Renfrew	1006.4	-4	SSW	5	id.	63	95	6	6	-	-	10	10	800	1	*
Inchkeith (Edin.)	1006.0	-8	SW	4	c	63	95	8	5	2	-	2-3	9	1500	1	2
Leuchars	1006.5	-14	SSW	3	clr	61	96	7	6	2	-	7-8	10	800	1	*
Eskdalemuir ...	1008.6	0	SSW	5	df	57	95	1	5	-	-	10	10	<150	1	*
Tynemouth ...	1002.4	-6	SW	2	c	63	85	6	6	-	-	7-8	7-8	1500	1	2
Blacksod Point ...	1002.0	-12	SE	7	rr	60	95	5	6	-	-	10	10	<150	2	4
Aldergrove ...	1006.1	-10	SSW	5	c	62	95	8	5	-	-	9+	9+	800	1	*
Donaghadee ...	1007.4	-4	SW	2	c	60	95	7	5	1	-	4-6	7-8	2500	1	1
Birr Castle ...	1007.5	-16	SW	3	c	63	95	8	8	-	-	7-8	7-8	2500	1	*
Holyhead... ..	1011.9	0	SSW	5	c/d	60	96	6	5	-	-	10	10	450	1	2
Liverpool (Bidston)	1013.2	0	SSW	3	u	64	85	9	9	-	1	9	9	1500	0	*
Chester (Sealand)	1013.9	0	SW	2	c	65	85	8	5	3	-	7-8	9+	800	1	*
Harrogate... ...	1012.2	-6	SWS	4	c	62	85	7	6	7	-	1	7-8	2500	1	*
Spurn Head ...	1014.4	0	SW	3	c	59	95	6	5	3	1	4-6	7-8	1500	1	3
Birmingham ...	1016.4	0	SSW	3	c	61	95	6	5	-	-	9	9	800	1	*
Cranwell	1015.7	+4	SWW	3	c	60	96	7	-	4	2	0	7-8	-	1	*
Gorleston	1016.8	+8	SWW	2	c	61	95	6	5	-	-	9	9	2500	0	1
Valentia Obs.† ...	1006.1	-14	SE	7	id.	60	95	6	5	-	-	10	10	450	1	4
Roches Point ...	1011.1	-14	SW	4	do.do.	59	96	6	5	-	-	10	10	800	1	4
Pembroke... ...	1014.6	-4	SW	4	o	59	95	7	6	-	-	10	10	800	1	3
Ross-on-Wye ...	1016.1	-4	SWW	4	id.	62	95	7	6	-	-	9+	9+	2500	1	*
Leafield	1017.4	0	SW	4	o	60	95	7	5	-	-	10	10	220	0	*
Cardington ...	1017.2	+4	SW	3	c	63	95	8	5	4	-	4-6	7-8	2500	1	*
Winchester ...	1018.9	+4	SSW	2	o	61	96	6	5	-	-	10	10	800	1	*
S. Farnborough ...	1018.3	+4	SW	2	o	62	95	6	5	-	-	10	10	1500	1	*
London (Kew) ...	1018.8	+6	SW	2	c	62	95	6	5	-	-	9	9	4000	1	*
Croydon	1018.6	+6	SSW	3	c	63	95	6	5	3	-	4-6	9+	4000	1	*
Manston	1018.7	+12	SW	2	c	61	95	6	5	-	-	9+	9+	1500	1	*
Shoeburyness ...	1018.5	+6	SW	2	m	63	95	4	-	7	-	0	9+	-	0	*
Clacton-on-Sea ...	1018.6	+6	SW	2	c	61	95	6	4	-	-	7-8	7-8	800	0	1
Felixstowe ...	1018.0	+8	SSW	1	c	61	95	7	5	-	-	9+	9+	2500	1	0
Scilly (St. Mary's)	1017.3	-6	SW	5	df	58	95	3	5	-	-	10	10	<150	1	3
Falmouth... ...	1019.0	0	SW	5	0	58	95	7	5	-	-	10	10	4000	0	2
Plymouth... ...	1019.1	-2	SW	3	0	59	95	6	5	-	-	10	10	220	1	2
Portland Bill ...	1019.0	+4	SWW	4	c	61	95	6	4	-	-	10	10	1500	1	4
Calshot, S'hampton	1019.2	+4	WS	3	f	61	95	3	5	-	-	10	10	800	1	0
Dungeness ...																
Lympne	1019.0	+6	SW	2	F+	60	95	1	5	-	-	10	10	<150	1	*
Guernsey	1020.7	0	SW	1	0	62	95	7	5	-	-	10	10	2500	1	3

PAST 24 HOURS.

STATIONS.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Night 18h-7h mm. (35)	Sunshine 22nd Hrs. (36)
Lerwick	56	52	*	-	3	0.6
Stornoway ...	59	54	*	-	12	2.2
Wick	56	53	*	-	2	*
Tiree	56	56	56	0.5	10	0.0
Nairn	60	54	*	-	5	2.0
Aberdeen	61	54	52	Tr.	6	2.8
Malin Head ...	63	61	*	0.3	4	0.6
Renfrew	59	57	55	0.1	9	0.0
Inchkeith (Edin.)	58	56	55	-	5	0.1
Leuchars	62	55	53	Tr.	6	1.1
Eskdalemuir ...	53	52	52	1	11	0.0
Tynemouth ...	59	56	53	T	0.2	*
Blacksod Point ...	62	56	*	0.6	7.17	*
Aldergrove ...	62	60	59	3	4	0.0
Donaghadee ...	61	56	*	2	3	*
Birr Castle ...	64	61	58	5	Tr.	0.0
Holyhead... ..	62	57	57	3	0.2	0.2
Liverpool (Bidston)	61	59	56	0.2	Tr.	0.0
Chester (Sealand)	63	61	57	1	Tr.	0.0
Harrogate... ...	56	55	54	0.2	Tr.	0.0
Spurn Head ...	58	55	*	0.6	0.2	0.0
Birmingham ...	62	58	56	Tr.	-	0.0
Cranwell	58	58	55	0.6	0.1	0.0
Gorleston	59	56	56	1	1	0.0
Valentia Obs.† ...	62	59	59	2	0.3	0.0
Roches Point ...	64	58	*	-	3	*
Pembroke... ...	60	57	*	1	-	0.0
Ross-on-Wye ...	65	60	57	0.1	-	0.2
Leafield	61	58	150	1	-	0.0
Cardington ...	62	58	56	0.2	Tr.	0.0
Winchester ...	64	60	58	0.3	Tr.	0.0
S. Farnborough ...	63	61	59	0.5	Tr.	0.0
London (Kew) ...	62	62	60	0.3	Tr.	0.0
Croydon	63	62	59	Tr.	-	0.0
Manston	61	61	57	0.2	Tr.	0.0
Shoeburyness ...	62	61	60	0.2	Tr.	0.0
Clacton-on-Sea ...	60	59	58	0.2	-	0.0
Felixstowe ...	60	59	58	0.3	0.1	0.0
Scilly (St. Mary's)	60	57	*	0.3	0.1	0.0
Falmouth... ...	61	58	*	Tr.	Tr.	0.0
Plymouth... ...	61	59	59	0.1	0.2	0.0
Portland Bill ...	61	59	*	1	0.5	*
Calshot, S'hampton	63	60	58	3	Tr.	0.0
Dungeness ...			*			
Lympne	60	59	51	1	0.1	0.0
Guernsey	63	61	60	0.3	1	0.0

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	9h. G.M.T. % (To-day.)	Visibility. 9h. (To-day.)
KEW	18	om.dc	cm.d.	cm.w	62	62	60	0.3	Tr.	0.0	•	•	7
CROYDON	244	cd.o.m.r	od.d.m.	om.	63	62	59	Tr.	-	0.0	•	•	6
GREENWICH (Royal Observatory) ...	149	oid	ido	ocd.c	63	62	59	0.3	Tr.	0.0	93	84	6
CITY (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.0	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•	66	59	56	0.5		0.0	93	80	•
REGENTS PK. (Botanic Gardens) ...	168	•	•	•	•	•	•	•	•	0.0	•	•	•
CAMDEN SQUARE	110	or	or	•	62	61	<	1	Tr.	•	•	94	•
KENSINGTON PALACE	80	odr	om	•	62	62	60	0.6	0.1	•	At 18h. 95	88	•
HAMPSTEAD OBSERVATORY	450	omr	odof	•	61	58	56	1	0.3	0.0	•	96	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 23rd...

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
Defective record.			

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.2	12h 22nd	<0.1	1-3h 23rd

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 22nd September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 23rd September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
PARIS	1021.1	S	1	df	57	1022.1	W	1	Z	64	63	59	1	Tr.
BRUSSELS	1019.6	S	2	r.r.	55	1019.4	W	2	id.	61	61	54	0.6	3
BERLIN	1012.6	W	2	c	59	1020.2	NNW	2	bc	57	63	55	0.2	-
ZÜRICH	1023.0	W	1	c	55	1022.8	W	1	r.r.	54	63	50	0.3	3
ROME						1018.3	NNE	2	b	59		55		-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

24th September 1930.

No. 25143.

OBSERVATIONS at 13h. G.M.T. 23rd September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	999.0	-14	SSW	1	r₀r₀	55	95	6	6	-	-	10	10	1500
Stornoway	996.9	-6	SW	4	c	59	95	6	3	-	-	10	10	4000
Wick	999.0	-10	SSW	3	c	63	95	8	5	4	8	4.6	7.8	1500
Tiree	998.8	-20	S'E	6	dd	60	95	5	5	-	-	10	10	220
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1002.6	-14	SW'S	5	q	67	85	8	5	4	1	2.3	7.8	1500
Malin Head	999.2	-22	SSW	6	c/p	66	95	7	6	2	-	7.8	9+	1500
Renfrew	1005.5	-4	S'W	3	c/d	64	85	7	5	1	-	9	10	800
Inchkeith (Edin.)	1005.4	-8	SW	5	bc	66	75	8	5	8	-	1	4.6	5700
Leuchars	1005.2	-6	SSW	5	bc	68	75	8	5	3	-	4.6	4.6	1500
Eskdalemuir	1008.4	-2	SSW	7	d₀d₀	58	95	4	5	-	-	10	10	220
Tynemouth	1009.5	0	SW	5	bc	67	75	7	2	-	-	4.6	4.6	2500
Blacksod Point	999.1		SW	7	v	60	95	7	9	-	-	10	10	220
Aldergrove	1004.1	-16	SSW	6	c	66	75	8	5	-	-	9+	9+	800
Donaghadee	1005.4	-8	WSW	4	q	64	85	7	5	-	-	7.8	7.8	1500
Birr Castle	1005.9	-2	SW	3	DD	62	95	6	6	-	-	10	10	2500
Holyhead	1010.7	-10	SSW	6	c	61	85	7	5	-	-	9+	9+	800
Liverpool (Bidston)	1012.3	0	S	3	bc	68	65	9	8	-	8	4.6	4.6	2500
Chester (Sealand)	1012.8	-10	SW	4	bc	71	65	8	1	-	1	2.3	4.6	4000
Harrogate	1012.7	0	SSW	3	c	67	75	7	3	-	-	7.8	7.8	4000
Spurn Head	1014.2	0	SW'S	3	c	66	85	7	4	8	-	7.8	9	4000
Birmingham	1015.4	-4	SW	4	bc	68	65	8	1	-	-	4.6	4.6	2500
Cranwell	1014.9	-12	SW'S	5	c	69	75	7	1	-	1	4.6	7.8	2500
Gorleston	1017.1	-4	SW	3	c	68	85	6	8	2	-	7.8	10	2500
Valentia Obs.	1005.5	+6	S	6	r₀r₀	59	95	7	5	-	-	10	10	4000 800
Roches Point	1008.7	-10	SW	4	DD	60	95	5	5	-	-	10	10	800
Pembroke	1013.8	-10	S	4	c	60	95	7	8	-	-	10	10	1500
Ross-on-Wye	1015.7	0	SW'W	4	bc	68	75	8	7	-	-	4.6	4.6	4000
Leafield	1016.7	-6	SW'S	5	c	66	75	9	1	-	1	7.8	7.8	2500
Cardington	1016.8	-6	SW	4	c	69	65	8	5	-	-	7.8	7.8	1500
Winchester	1018.8	-6	SSW	3	c	63	85	8	5	-	-	10	10	800
S. Farnborough	1018.6	-2	SW	3	id₀	64	85	7	6	-	-	10	10	800
London (Kew)	1019.0	-4	SW	4	c	65	75	8	5	2	-	4.6	10	2500
Croydon	1018.9	-6	SW'W	3	o	65	85	7	5	-	-	10	10	1500
Manston	1019.2	-2	SW	3	c	69	75	7	5	1	-	9	9+	2500
Shoeburyness	1019.4	0	SW	4	c	66	85	8	5	2	-	4.6	9+	4000
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1018.6	-6	SW'S	3	o	65	85	7	5	-	-	10	10	4000
Scilly (St. Mary's)	1015.6	-14	SW'S	5	o	60	95	5	5	-	-	10	10	1500
Falmouth	1017.8	-6	S'W	5	id₀	59	95	6	5	2	-	4.6	10	2500
Plymouth	1018.1	-10	S	4	c	61	95	8	5	-	-	9+	9+	2500
Portland Bill	1018.8	-2	SW	4	c	61	95	6	4	-	-	9+	9+	1500
Calshot, S'hampton	1019.5	-2	WSW	3	o	64	85	7	5	-	-	10	10	1500
Dungeness														
Lympne	1019.1	-2	WSW	4	o	66	85	7	5	-	-	10	10	2500
Guernsey	1020.2	-6	S	2	o	65	85	8	5	-	-	10	10	2500

OBSERVATIONS at 18h. G.M.T. 23rd September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	996.7	-16	S	1	ir₀	57	95	6	6	-	-	10	10	1500	1	•
Stornoway	994.0	-18	SW	5	ir₀	59	95	7	6	8	-	7.8	9	2500	1	4
Wick	996.8	-8	S	4	c	60	95	8	8	-	8	4.6	7.8	1500	0	3
Tiree	997.8	0	S'W	6	bc/r	59	85	7	5	9	-	2.3	4.6	800	1	3
Nairn	998.1	•	WSW	1	c	65	85	8	9	-	9	4.6	7.8	2500	0	•
Aberdeen	1002.4	-4	S	3	c	61	85	7	5	4	-	9	9+	1500	1	2
Malin Head	999.5	0	SSW	5	c	61	95	7	9	-	-	7.8	7.8	1500	1	2
Renfrew	1003.8	-2	SSW	5	ir₀	61	85	6	6	2	-	4.6	10	450	1	•
Inchkeith (Edin.)	1003.3	-16	SSW	7	c	62	85	8	5	-	-	9+	9+	800	0	4
Leuchars	1004.1	-2	SSW	5	c	62	85	8	6	7	1	4.6	9+	1500	1	•
Eskdalemuir	1006.3	-8	SSW	7	dd	57	95	5	5	-	-	10	10	220	1	•
Tynemouth	1008.8	0	SW	3	c	65	75	6	8	-	-	7.8	7.8	2500	0	2
Blacksod Point	1000.5	+8	S	5	c	58	85	7	8	5	-	4.6	7.8	800	0	4
Aldergrove	1003.4	0	S'W	5	c/r	61	85	8	5	1	-	7.8	9+	1500	1	•
Donaghadee	1004.2	-6	WSW	3	c/pr	60	95	7	6	-	-	9+	9+	800	1	2
Birr Castle	1005.1	+4	SW	2	c/₀	60	85	7	5	-	-	9	9	1500	1	•
Holyhead	1009.2	-10	SSW	6	id	59	95	5	6	-	-	10	10	220	1	4
Liverpool (Bidston)	1010.2	-8	SSW	5	c	63	75	8	8	-	9	4.6	7.8	4000	0	•
Chester (Sealand)	1011.7	-8	S'W	6	c	64	75	8	5	-	6	2.3	7.8	1500	1	•
Harrogate	1011.6	0	SSW	4	c	63	75	7	6	-	8	7.8	9+	2500	1	•
Spurn Head	1012.9	-2	SW'S	4	bc	63	95	7	-	1	-	0	4.6	—	0	3
Birmingham	1014.8	-4	SSW	4	c	62	85	8	5	-	4	7.8	9	2500	1	•
Cranwell	1014.1	-6	S'W	4	c	64	85	8	5	-	-	7.8	7.8	2500	0	•
Gorleston	1016.7	0	SW	4	c	66	85	6	4	-	-	9+	9+	4000	0	2
Valentia Obs.	1005.0	+2	S	6	c/pr	59	95	7	5	-	-	9+	9+	800	1	3
Roches Point	1007.9	-10	SW	3	id₀	58	95	6	5	-	-	10	10	800	1	4
Pembroke	1010.9	-8	S	6	ir	59	95	5	3	-	-	10	10	800	1	3
Ross-on-Wye	1014.5	-8	S'W	3	c	63	85	8	4	-	-	9+	9+	2500	1	•
Leafield	1016.0	-6	S'W	5	c	60	85	9	5	4	-	9+	9+	1500	0	•
Cardington	1016.5	+2	SW'S	4	o	63	85	8	5	-	-	10	10	1500	0	•
Winchester	1018.0	-4	SSW	3	c	61	95	8	5	-	-	9+	9+	1500	1	•
S. Farnborough	1017.7	-2	SW	3	o	62	85	8	5	-	-	10	10	1500	1	•
London (Kew)	1018.3	-2	SW	4	c	63	85	8	5	-	-	9	9	2500	1	•
Croydon	1018.3	-2	SW	3	c	63	85	7	4	-	-	9+	9+	1500	1	•
Manston	1018.3	+2	SW	3	c	61	85	7	5	-	-	7.8	7.8	1500	0	•
Shoeburyness	1018.4	-6	SW	4	c	64	85	8	5	-	-	7.8	7.8	2500	0	•
Clacton-on-Sea	1019.0	0	SW	3	c	63	85	7	5	3	-	4.6	7.8	800	0	1
Felixstowe	1018.1	0	SW	3	c	65	85	7	5	-	-	9	9	2500	1	1
Scilly (St. Mary's)	1013.5	+4	SW'S	5	m	59	95	4	5	-	-	10	10	1500	1	4
Falmouth	1015.9	-10	S'W	6	d₀d₀	58	95	5	5	2	-	4.6	10	1500	1	3
Plymouth	1016.5	-12	S	4	d₀d₀	59	95	4	5	-	-	10	10	<150	1	3
Portland Bill	1016.9	-10	SSW	3	c	61	95	6	4	-	-	9+	9+	1500	0	3
Calshot, S'hampton	1018.7	-6	SW'S	4	o	63	95	8	5	-	-	10	10	1500	0	1
Dungeness																
Lympne	1018.8	-2	SW	4	3	61	95	6	5	-	-	10	10	2500	1	•
Guernsey	1018.6	-10	S	1	c	63	85	8	5	2	1	4.6	7.8	2500	0	3

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 23rd (37)	Weather. 13h.–18h. 23rd (38)	Weather. 18h. 23rd to 1h. 24th (39)	Weather. 1h.–7h. 24th (40)
Lerwick	or₀m₀	oir₀m₀	oid₀c	cir₀c
Stornoway	ir	op₀c	r₀bc	bcid₀
Wick	circ	c	cprbc	bcrrc
Tiree	dir₀	irddc	bcpR	prc
Nairn	cbc	bcp₀rc	cbc	bcpr
Aberdeen	r₀cq	cqc	bc	bc
Malin Head	cir₀c	cir₀c	cp₀bcl	bccpr
Renfrew	oid₀qc	cq, ir₀q	rbccq	Rbccq
Inchkeith (Edin.)	coc	bcc	c	cprbc
Leuchars	cid₀bc	c	cir	cpRpbc
Eskdalemuir	od₀fd₀m	odd	odforr	cpr
Tynemouth	cbc	bc	bcc	obcq
Blacksod Point	rr	prqc	prqc	prqc
Aldergrove	c	cir₀	cprbcor	cpr₀
Donaghadee	cq	cpor	bc	pr.bc
Birr Castle	codD	₀Dcoir₀r₀	ciR	cr₀
Holyhead	id₀oq	c, id₀	rrR	bcbq
Liverpool (Bidston)	cbcv	bccv	bcbcb	b
Chester (Sealand)	cbc	bcv	c, ir	ir₀, bc
Harrogate	bcc	bcc	c	cbpr
Spurn Head	cq	cbc	bcc	cprc
Birmingham	cbc	bc	c	corbc
Cranwell	bccbc	bcc	cod₀₀	od₀ir₀
Gorleston	bccm₀	cm₀	cm₀bcb	c
Valentia Obs.	oid₀idr₀r₀	oc ir₀cp₀	cbcc	cpbcp₀
Roches Point	od₀oDD	odiroid₀	o1.d.c tto	cbc
Pembroke	oifdc	oid₀	rrifqc	cbcq
Ross-on-Wye	d₀cbc	bcc	co	rbcb
Leafield	oc	c	c	cprbc
Cardington	bcc	c	c	c
Winchester	cm₀d₀	cid₀	codd	cr₀r₀rc
S. Farnborough	cd₀	cd₀c	cir₀	ocr₀dd
London (Kew)	c	c	c	crc
Croydon	cm₀	c	cbc	bcoddmrr
Manston	cm₀	cbc₀c	dbcc	cid₀
Shoeburyness	omc	c	cb	bco
Clacton-on-Sea	co	oc	cbc	bcc
Felixstowe	c3₀	c	cbc	c
Scilly (St. Mary's)	fdc	d₀m	dmrc	bc
Falmouth	om₀d₀q	omd₀q	omd₀R	ocbc
Plymouth	om₀c	comd₀d₀	od₀d₀m₀	odm₀bw
Portland Bill	c3₀	c3₀	orrz₀	r₀r₀c
Calshot, S'hampton	ofcm₀c	o	cid₀	oid₀dcbc
Dungeness				
Lympne	ofomc	cvcm₀	cm₀o	odf
Guernsey	o	ocbcc	cod₀	cdirc

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_0, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☿, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

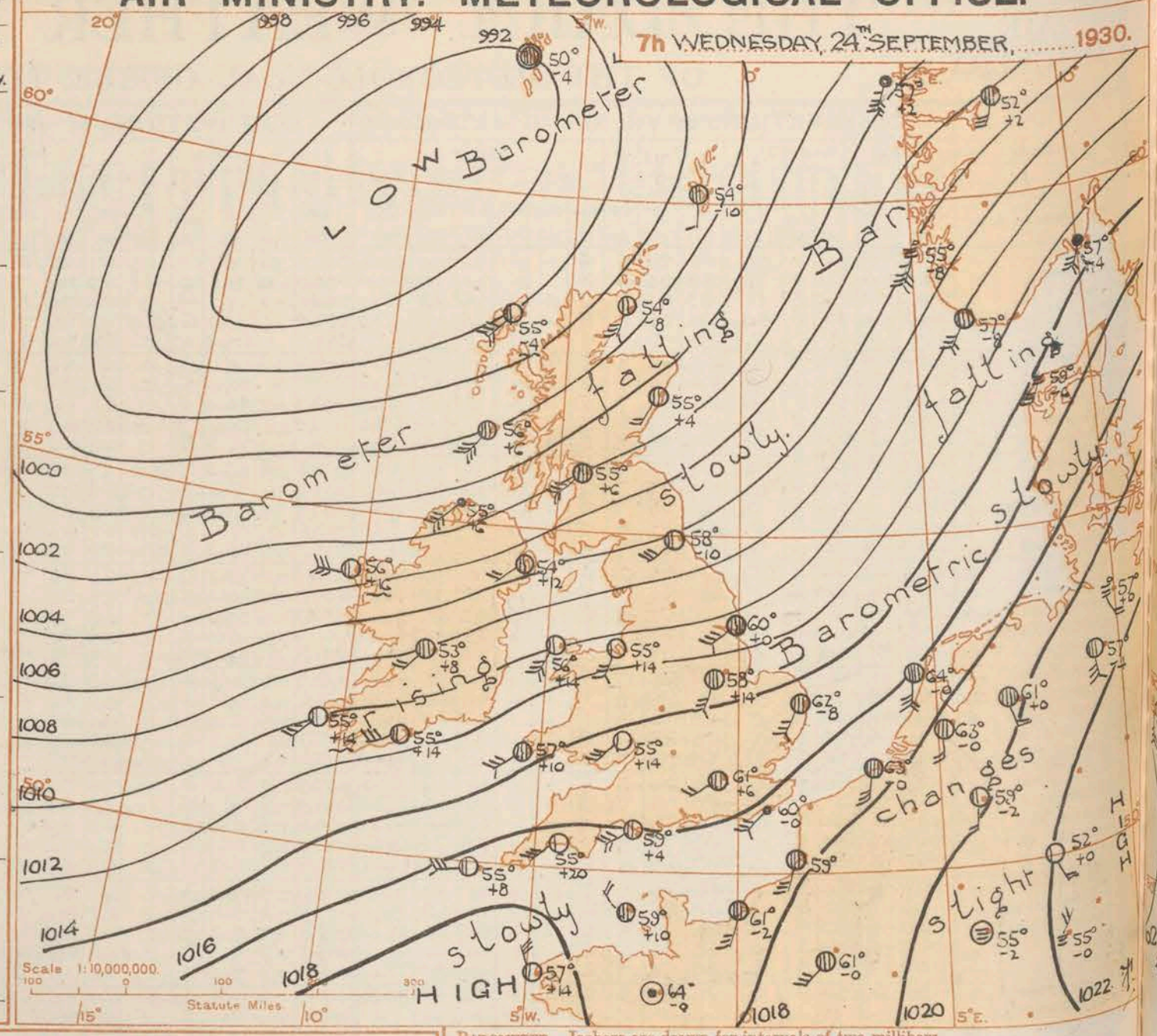
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 23rd September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 22nd to 9h. 23rd	Temperature. Max. 9h.—17h. 23rd	Rainfall. Night. 17h 22nd to 9h. 23rd	Rainfall. Day. 9h.—17h. 23rd	Sunshine. Sunrise to 17h. 23rd	Sunshine. Sunrise to Sunset. 22nd.
Dunbar ...	bc	bc	54	69	3	-	7.6	0.0
Berwick-on-T. ...	c	c	51	62	3	-	5.3	0.0
Douglas	or	fq	56	59	5	0.5	0.0	0.0
Llandudno ...	b	bbcc	58	70	-	-	7.8	0.0
Colwyn Bay ...	bcb	bbcr	61	66	-	Trace	7.8	0.1
Rhyl	cbc	bcc	57	(69)	-	-	4.3	0.1
Wallasey ...	cbcb	bcc	54	70	-	-	3.7	0.0
Southport .‖	oc	bcbo	59	70	0.3	-	2.8	0.0
Blackpool ...	co	co	55	68	0.6	-	3.5	0.0
Morecambe ...	cdpbc	bcbbc	54	69	3	Trace	2.3	0.0
Ilkley	bc	bc	54	68	1	-	4.9	0.0
Cleethorpes ...	rocm	bcb	56	71	1	-	8.4	0.0
Mablethorpe ...	bbc	bcb	55	71	0.5	-	6.3	0.0
Skegness... ...	orob	bo	55	65	2	-	3.2	0.0
Aberystwyth ...	cimr	c	60	63	0.3	Trace	1.1	0.0
Bath	cbc	bcc	59	68	1	-	4.5	0.0
Cheltenham .†	ocbc	bccbc	59	69	0.5	-	4.6	0.0
Leamington Spa	c	c	55	71	-	-	4.0	0.0
Lowestoft ...	oc	cbcc	55	70	1	-	1.1	0.0
Dovercourt ...	doc	oc	55	66	Trace	-	0.0	0.0
Maldon	c	c	60	70	-	-	0.8	0.0
Southend ...	c	c	55	68	Trace	-	0.4	0.0
Ilfracombe ...	bc	bcco	60	67	-	-	7.1	0.0
Bude	doc	ce	60	66	-	0.3	4.6	0.0
St. Ives	dcd	d	59	65	Trace	1	0.0	3.8
Penzance ...	omd	omd	59	61	0.2	Trace	0.0	0.0
Torquay	edocedcdm		60	65	Trace	Trace	0.8	0.1
Jersey	dc	c	62	65	2	-	0.3	0.0
Weymouth ...	oc	coc	60	65	-	-	0.2	0.0
Bournemouth ...	o	oco	58	65	-	-	0.1	0.0
Ventnor	ouf	oucoc	59	64	Trace	-	0.5	0.0
Southsea ...	o	o	58	66	-	-	0.2	0.0
Bognor Regis ...	oc	cbcc	58	66	3	- 0.4	4.0	0.0
Littlehampton ...	oc	c	57	64	-	-	0.1	0.0
Worthing ...	o	oco	58	66	-	-	0.2	0.0
Brighton... ...	o	oc	58	65	-	-	0.0	0.0
Eastbourne .†	o	oc	60	65	-	-	0.0	0.0
Hastings †	omfo	cbcc	60	66	-	-	0.4	0.0
Folkestone ..	om	ocbc	55	68	0.1	-	1.5	0.0
Dover	c	cbc	66	63	0.2	-	3.0	0.0
Deal	oc	cbc	56	71	-	-	2.3	0.1
Tunbridge Wells	o	oc	55	66	Trace	-	0.5	0.0
Ramsgate ...	c	cbc	64	70	-	-	2.2	0.0
Margate	cbc	bc	55	70	Trace	-	1.3	0.0

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

AIR MINISTRY. METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 6/10 to 9/10 clouded. Overcast sky.
Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. E Thunderstorm.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Wind southwest or west, moderate, fresh locally; variable amount of cloud; occasional showers; moderate temperature, cooler at night.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind between southwest and northwest, fresh or strong, decreasing; variable amount of cloud; occasional showers; moderate temperature, cooler at night.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 3.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland	As 4 - 8.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind southwesterly, fresh or moderate, veering: variable amount of cloud; some showers; moderate temperature; cooler at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between southwest and northwest, fresh or strong, decreasing; variable amount of cloud; occasional showers; more general rain probable later tomorrow; moderate temperature.

GENERAL INFERENCE.

A complex depression to the north and northwest of the British Isles is moving slowly east-north-east and becoming less deep. A cooler westerly air current over the country will be associated with variable amount of cloud and occasional showers.

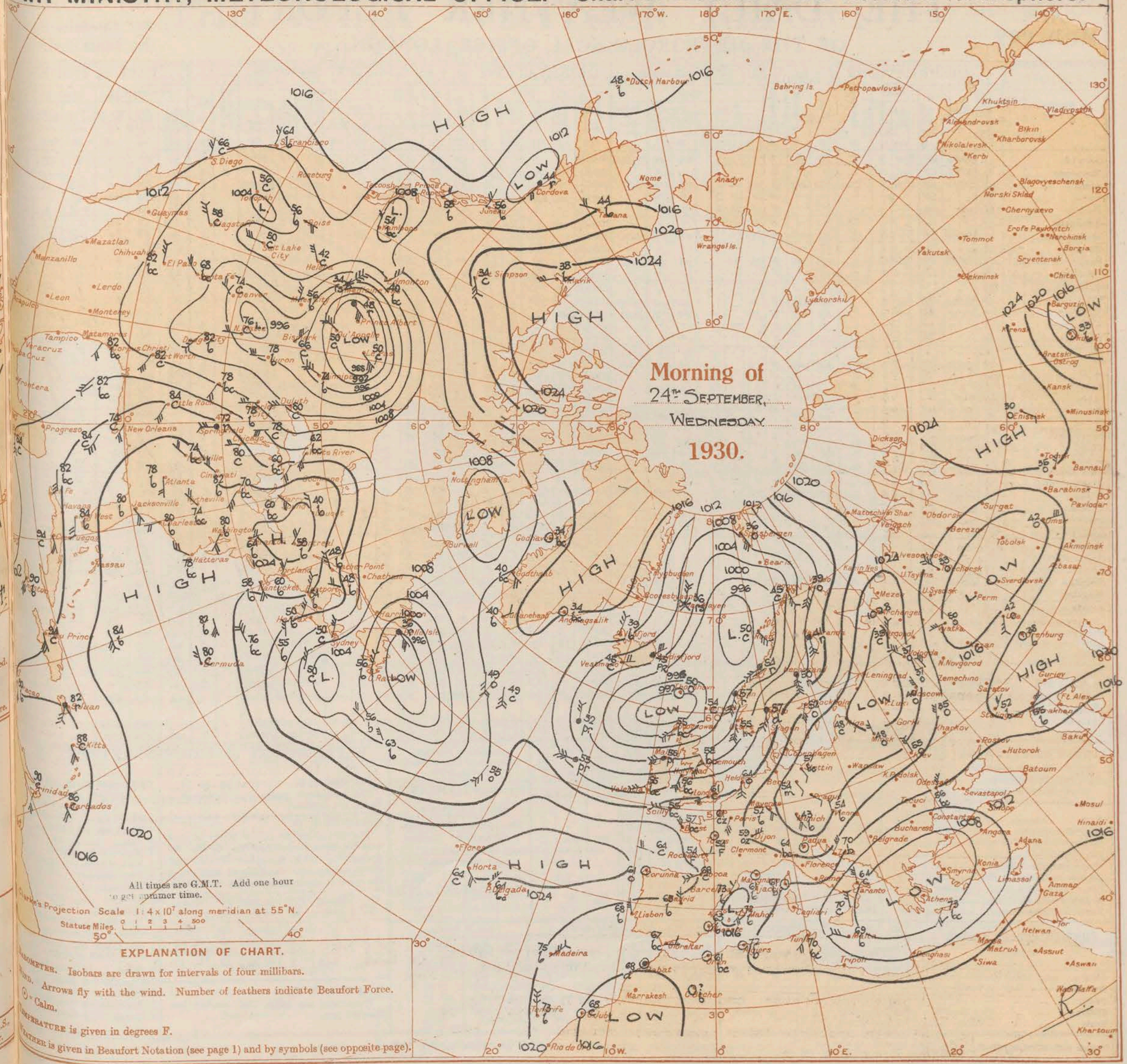
FURTHER OUTLOOK.

Bright periods and occasional showers in the East; perhaps more general rain in the West.

Forecasts issued at 0915 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

24th September 1930.

No. 25143

OBSERVATIONS at 1 hr. G.M.T. 24th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	997.6	+6	SSW	3	c	58	85	7	4	6	-	4-6	9	1500
Stornoway	34	994.5	+2	SW	6	•	•	•	6	•	•	•	•	2-3	•
Wick	81	997.6	+2	SSW	3	bc	58	95	8	3	-	8	2-3	4-6	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	999.5	-4	SW	5	ir	55	96	7	9	-	-	4-6	4-6	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1003.6	-4	SSW	3	c	59	95	8	5	4	-	7-8	10	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1006.4	-10	SW	4	0	62	85	7	6	-	-	10	10	1500
Blacksod Point	10	1000.9	+6	W	5	c	56	85	6	9	-	-	7-8	7-8	800
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1008.5	+2	SW'S	6	bc/pr	58	95	7	6	-	-	4-6	4-6	450
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1011.2	-4	SSW	4	c	61	95	7	6	2	-	7-8	10	2500
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1012.7	-6	SSW	4	id.	61	95	7	5	-	-	10	10	1500
Gorleston	14	1015.9	-10	SW	4	c	61	95	7	-	6	-	0	7-8	-
Valentia Obs.†	30	1007.3	+14	S	5	b	56	85	8	-	-	-	0	0	-
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1010.4	0	SW	4	c	57	95	7	8	-	-	9+	9+	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1016.0	-14	SW	4	c	62	95	7	5	-	-	7-8	7-8	1500
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1016.1	+6	W'S	5	bc	57	96	7	2	-	-	2-3	2-3	4000
Falmouth	200	1015.3	+6	WSW	5	0	58	95	8	5	-	-	10	10	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1015.4	-10	SSW	5	r.r.	61	95	7	5	-	-	10	10	800
Calshot, S'hampton	8	1016.0	-10	SW	4	0	62	95	7	5	-	-	10	10	800
Dungeness	20														
Lympne	347	1017.0	-12	SW	4	0	61	95	7	5	-	-	10	10	1500
Guernsey	173	1017.7	-6	S	2	do. do.	62	95	8	6	-	-	10	10	2500

OBSERVATIONS at 7 hr. G.M.T. 24th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	996.2	-10	S	1	c	54	95	7	5	7	-	4-6	7-8	1500	1	*
Stornoway	993.1	-4	SW	5	bc	55	85	7	3	6	-	2-3	4-6	4000	0	4
Wick	996.1	-8	SSW	4	c	54	95	8	2	4	-	4-6	7-8	1500	1	3
Tiree	997.8	+6	SSW	6	c	56	85	7	9	9	3	9	9	1500	1	3
Nairn	997.6	•	SW	2	bc/pr	53	85	8	-	8	-	0	4-6	-	1	*
Aberdeen	1000.3	+4	SW	2	bc	55	85	8	8	3	-	1	2-3	2500	1	1
Malin Head	1000.8	+6	SW'W	6	pr	55	95	7	9	9	-	7-8	7-8	1500	1	3
Renfrew	1005.3	+6	SW	5	q	55	85	7	9	-	-	7-8	7-8	1500	1	*
Inchkeith (Edin.)	1003.7	+4	SW	5	bc	55	85	8	2	6	-	2-3	4-6	4000	0	2
Leuchars	1002.0	+4	SSW	6	bc	55	85	8	8	8	-	2-3	2-3	2500	1	*
Eskdalemuir	1004.8	+20	SW'W	6	pr	53	85	8	6	-	-	9+	9+	1500	1	*
Tynemouth	1006.9	-10	SW	3	bc	58	75	7	1	-	-	4-6	4-6	2500	0	2
Blacksod Point	1003.6	+16	W	6	bc	56	85	7	9	-	-	4-6	4-6	800	0	5
Aldergrove	1004.9	+10	SSW	4	c/pr	54	85	8	5	3	-	9	9+	1500	1	*
Donaghadee	1004.7	+12	W'SW	2	bc	54	85	7	5	3	-	4-6	4-6	4000	1	1
Birr Castle	1008.4	+8	SW	2	c/r	53	95	7	5	-	-	9	9	1500	1	*
Holyhead	1010.2	+14	SW	5	bc	56	85	7	5	-	-	2-3	2-3	800	1	3
Liverpool (Bidston)	1011.3	+14	SW'S	4	b	55	75	8	4	-	-	1	1	4000	0	*
Chester (Sealand)	1012.0	+20	SW'W	2	bc	55	75	8	5	-	1	2-3	4-6	1500	1	*
Harrogate	1009.6	-6	SW'S	6	b	54	75	7	3	4	-	1	1	2500	1	*
Spurn Head	1010.3	0	SW'W	4	c	60	95	7	3	1	8	2-3	9	4000	1	3
Birmingham	1014.3	+8	W	3	bc	54	85	8	1	3	1	Tr.	2-3	2500	1	*
Cranwell	1012.9	+14	SSW	4	c	58	95	8	5	-	2	2-3	7-8	1500	1	*
Gorleston	1014.0	-8	SSW	4	c	62	95	6	7	-	-	9	9	2500	0	2
Valentia Obs.†	1011.4	+14	SW'W	4	bc/pr	55	85	8	5	-	-	4-6	4-6	1600	1	4
Roches Point	1011.6	+14	W	3	bc	55	95	8	3	-	-	2-3	2-3	1500	1	3
Pembroke	1013.0	+10	WSW	4	c	57	85	8	5	-	-	9	9	1500	1	3
Ross-on-Wye	1014.3	+14	W'S	3	b	55	85	7	1	-	8	1	1	4000	1	*
Leafield	1015.0	+10	SW'W	4	bc	56	95	8	7	3	6	1	4-6	2500	1	*
Cardington	1014.6	+10	WSW	4	c	59	85	7	5	-	2	2-3	7-8	2500	0	*
Winchester	1015.7	+8	SW'W	2	c	58	95	8	5	-	1	4-6	7-8	2500	1	*
S. Farnborough	1015.1	+4	WSW	2	d/r	59	95	8	5	-	-	9+0	9+0	2500	1	*
London (Kew)	1015.7	+6	WSW	2	c	61	85	8	5	-	-	9+	9+	2500	1	*
Croydon	1015.7	+4	SW'S	3	r.r.	60	85	7	5	2	-	4-6	9	450	1	*
Manston	1016.0	+2	SSW	3	id.	61	95	6	5	-	-	10	10	450	0	*
Shoeburyness	1015.6	-6	SSW	3	0	62	95	7	5	-	-	10	10	1500	0	*
Clacton-on-Sea	1015.2	-6	S	3	c	61	95	7	2	3	-	4-6	7-8	1500	0	1
Felixstowe	1015.3	0	SSW	3	c	62	95	7	5	-	-	9	9	1500	1	2
Scilly (St. Mary's)	1017.1	+8	W	4	bc	56	95	7	2	-	-	2-3	2-3	4000	1	3
Falmouth	1017.7	+10	W	4	bc	53	95	8	5	-	-	4-6	4-6	4000	0	1
Plymouth	1017.0	+20	WSW	3	b	55	95	7	6	-	1	1	1	1500	1	2
Portland Bill	1015.5	+4	W'S	5	bc	59	85	8	4	4	1	4-6	4-6	2500	1	3
Calshot, S'hampton	1016.0	+2	W	3	c	59	95	7	5	-	-	7-8	7-8	1500	1	1
Dungeness																
Lympne	1016.0	0	SW	4	df	60	95	3	5	-	-	10	10	1150	1	*
Guernsey	1017.7	+10	WNW	2	c	59	95	6	5	-	-	9	9	2500	1	3

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Night 18h-7h mm. (35)	Sunshine 24 hrs. Hrs. (36)
Lerwick	57	53	*	5	2	0.0
Stornoway	60	54	*	1	1	0.0
Wick	67	53	*	0.5	c	*
Tiree	60	53	49	5	5	0.0
Nairn	70	50	*	0.2	1	1.4
Aberdeen	69	55	52	0.1	-	0.3
Malin Head	66	53	*	0.5	3	0.0
Renfrew	67	54	51	0.1	3	0.2
Inchkeith (Edin.)	66	55	51	-	0.5	5.0
Leuchars	68	55	51	Tr.	2	3.2
Eskdalemuir	59	52	50	13	17	0.0
Tynemouth	70	57	50	-	-	*
Blacksod Point	61	53	*	4.10	2.5	*
Aldergrove	68	53	50	0.5	1	1.3
Donaghadee	65	53	*	0.2	2	*
Birr Castle	66	52	48	2	3	1.0
Holyhead	62	55	51	0.4	5	0.0
Liverpool (Bidston)	68	54	50	-	-	4.5
Chester (Sealand)	73	55	48	-	1	4.9
Harrogate	68	54	51	-	0.3	5.9
Spurn Head	69	59	*	-	0.2	7.7
Birmingham	68	54	51	-	2	5.4
Cranwell	71	58	55	-	0.3	6.0
Gorleston	71	59	57	-	-	1.0
Valentia Obs.†	61	54	51	2	4	0.1
Roches Point	60	54	*	3	1	*
Pembroke	60	56	*	0.3	4	0.0
Ross-on-Wye	69	54	49	Tr.	4	5.0
Leafield	67	55	52	-	0.5	2.5
Cardington	71	59	57	-	-	4.4
Winchester	64	58	56	Tr.	3	0.0
S. Farnborough	65	59	56	Tr.	0.2	0.0
London (Kew)	66	61	56	-	0.5	0.0
Croydon	66	59	53	-	0.5	0.3
Manston	69	59	56	-	Tr.	2.2
Shoeburyness	69	58	55	-	-	0.4
Clacton-on-Sea	65	60	56	-	-	0.3
Felixstowe	66	60	58	-	-	0.3
Scilly (St. Mary's)	61	55	*	0.1	1	0.6
Falmouth	61	53	*	0.1	2	0.4
Plymouth	62	55	52	0.1	1	0.5
Portland Bill	62	59	*	-	1	*
Calshot, S'hampton	66	59	57	Tr.	1	0.6
Dungeness			*			
Lympne	67	59	59	-	Tr.	0.4
Guernsey	66	59	57	-	1	1.8

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	c	c	crc	66	61	56	-	0.5	0.0	•	•	7
Croydon	244	cm.	c	bcodd.m.	66	59	53	-	0.5	0.3	•	•	6
Greenwich (Royal Observatory)	149	c	c	cbwd.m.	68	59	52	-	0.5	0.0	75	79	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	67	61	56	—	—	0.0	72	80	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	o	coc	•	65	60	•	-	Tr.	•	•	82	•
Kensington Palace	80	o	co	•	66	60	53	-	0.3	•	At 18h. 80	82	•
Hampstead Observatory	450	ocb	bcbc	•	64	56	52	Tr.	0.3	0.0	•	87	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 24th

South Kensington. Max.	Time.	Min.	Time.
Defective record.			

Kew Observatory. Max.	Time.	Min.	Time.
0.1	15h 23m	0.1	0h-4h 24th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 23rd September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 24th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1021.3	SSW	1	z	66	1019.4	SSW	3	z	61	68	57	-	-
Brussels						1018.3	S	2	c	63		63		-
Berlin	1024.0	NNE	1	b	59	1024.8	SE	1	m	54	66	60	-	-
Zürich	1023.5	SW	1	o	55	1021.6	SW	1	c	54	57	52	0.5	-
Rome														

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

25th September 1930.

No. 25144

OBSERVATIONS at 13h. G.M.T. 24th September

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	996.8	+10	SW	3	c	58	75	8	8	9	-	4.6	7.8	2500
Stornoway	990.6	-16	SSW	8	ir	55	85	7	9	-	-	10	10	4000
Wick	996.8	+4	SSW	5	c	58	85	8	1	6	-	4.6	7.8	1500
Tiree	998.1	-2	SW'S	7	c	58	85	7	2	-	6	4.6	9+	2500
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1001.5	+4	SSW	5	c	60	65	8	8	4	-	4.6	7.8	2500
Malin Head	1001.5	+10	SW	6	c/p	59	85	7	8	8	-	7.8	7.8	1500
Renfrew	1003.8	-2	SW	5	pr.	60	75	6	3	-	-	7.8	7.8	4000
Inchkeith (Edin.)	1003.3	0	SSW	7	bc	60	65	8	1	6	-	2.3	4.6	4000
Leuchars	1003.1	+2	SW	5	bc	61	65	8	3	-	-	4.6	4.6	2500
Eskdalemuir	1006.4	+4	SW	6	c	56	95	8	5	-	-	7.8	7.8	2500
Tynemouth	1007.8	+6	WSW	5	bc	64	55	7	1	-	-	4.6	4.6	2500
Blacksod Point	1005.2	+10	W	7	q	58	85	8	9	-	-	7.8	7.8	800
Aldergrove	1005.9	+2	SW'S	5	c/pr	60	65	8	8	-	3	7.8	7.8	1500
Donaghadee	1006.1	0	WSW	3	bc	63	65	8	8	-	-	4.6	4.6	4000
Birr Castle	1010.7	+4	SW'W	4	c/p	55	85	8	3	-	-	7.8	7.8	2500
Holyhead	1011.0	+2	SW'S	6	bc	60	85	8	2	3	-	1	2.3	2500
Liverpool (Bidston)	1011.8	+4	SW	4	id.	60	75	8	9	-	-	7.8	7.8	2500
Chester (Sealand)	1012.8	+2	SW	4	bc	63	65	8	7	-	-	4.6	4.6	2500
Harrogate	1010.4	0	SSW	4	bc	63	65	7	3	-	-	2.3	2.3	2500
Spurn Head	1012.4	0	W	4	c	63	75	8	2	-	-	7.8	7.8	4000
Birmingham	1014.4	-2	SW	4	c	63	55	8	6	3	-	2.3	7.8	2500
Cranwell	1013.5	-2	WSW	4	bc	64	65	7	1	-	-	4.6	4.6	2500
Gorleston	1014.6	-2	WSW	3	bc	66	75	7	1	-	6	2.3	4.6	4000
Valentia Obs.	1013.4	+8	SW	5	bc/pr	58	75	8	8	3	-	4.6	4.6	2500
Roches Point	1014.2	+16	SW	3	c	59	75	8	3	-	-	7.8	7.8	1500
Pembroke	1014.7	+2	WSW	4	q	59	85	7	8	-	-	7.8	7.8	1500
Ross-on-Wye	1014.7	+4	SW'W	3	bc	62	65	8	2	-	-	4.6	4.6	4000
Leafield	1015.3	0	SW'W	5	bc	62	65	9	1	-	-	4.6	4.6	5700
Cardington	1014.9	0	WSW	4	bc	67	55	8	1	-	-	4.6	4.6	2500
Winchester	1016.8	0	W	3	bc	65	55	8	1	-	-	4.6	4.6	4000
S. Farnborough	1016.3	+2	WSW	3	bc	68	55	8	1	-	-	4.6	4.6	2500
London (Kew)	1016.2	0	W	3	bc	65	55	8	1	-	8	4.6	4.6	2500
Croydon	1016.4	+2	W	4	bc	66	55	8	1	-	1	4.6	4.6	4000
Manston	1016.2	-2	SW	3	c	65	75	8	5	-	-	9+	9+	2500
Shoeburyness	1016.0	-2	WSW	2	b	67	75	8	-	4	1	0	1	-
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1015.6	-6	SSW	3	c	64	85	8	5	-	-	7.8	7.8	4000
Scilly (St. Mary's)	1018.5	+6	W	4	bc	61	95	7	2	-	-	4.6	4.6	4000
Falmouth	1019.2	0	W'S	4	bc	59	75	8	3	-	-	4.6	4.6	4000
Plymouth	1017.7	-2	SW	4	bc	61	75	8	2	-	-	2.3	2.3	2500
Portland Bill	1017.5	+2	WS	4	bc	61	75	8	4	-	-	2.3	2.3	2500
Calshot, S'hampton	1017.1	+4	SW	4	bc	65	75	8	1	4	-	4.6	4.6	2500
Dungeness														
Lympne	1016.4	-2	SW	2	c	63	85	7	5	1	-	7.8	10	2500
Guernsey	1019.2	+2	WSW	2	bc	63	65	7	8	-	-	4.6	4.6	2500

OBSERVATIONS at 18h. G.M.T. 24th September

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	996.5	-6	SSE	2	c	54	95	7	5	3	-	4.6	7.8	1500	1	*
Stornoway	987.0	-14	SW	6	rr	54	95	6	6	-	-	10	10	4000	2	4
Wick	994.3	-20	SSW	5	c	56	85	8	3	7	8	4.6	10	1500	0	4
Tiree	997.5	-2	WSW	6	c	55	85	7	5	3	9	4.6	7.8	1500	1	4
Nairn	994.7	*	SW	4	c	56	75	8	3	8	-	4.6	7.8	2500	0	*
Aberdeen	999.7	-16	SSW	4	bc	57	75	7	7	7	-	1	2.3	2500	1	2
Malin Head	1002.4	+8	WSW	6	ir.	55	95	7	6	2	-	7.8	10	800	1	3
Renfrew	1002.7	-4	SW'S	5	c/r	55	85	7	3	9	1	4.6	7.8	1500	1	*
Inchkeith (Edin.)	1002.4	-8	SW	6	c	57	75	8	5	2	2	2.3	7.8	5700	0	3
Leuchars	1002.0	-10	SW	5	bc	56	75	8	7	7	-	4.6	4.6	2500	1	*
Eskdalemuir	1005.1	-6	SW	6	pr	53	85	7	8	-	-	9+	9+	1500	1	*
Tynemouth	1007.6	+4	SW	3	bc	58	75	7	1	-	-	2.3	2.3	2500	0	2
Blacksod Point	1008.0	+14	W	7	c	55	85	7	9	-	-	7.8	7.8	450	1	5
Aldergrove	1005.8	0	SW	5	c/pr	54	85	7	9	8	3	4.6	7.8	1500	1	*
Donaghadee	1005.7	+2	WSW	2	bc	56	85	7	4	3	-	4.6	4.6	4000	0	1
Birr Castle	1011.0	+2	WSW	3	c/pr	56	85	8	3	-	-	9	9	2500	1	*
Holyhead	1010.5	-2	SW	5	bc	57	85	7	5	-	-	4.6	4.6	4000	1	3
Liverpool (Bidston)	1011.0	-6	SW'S	4	bc	57	75	8	8	-	-	2.3	2.3	4000	0	*
Chester (Sealand)	1012.5	-2	SW	3	bc	57	75	8	8	-	1	2.3	2.3	4000	0	*
Harrogate	1010.4	-6	SSW	2	b	55	75	7	3	-	-	1	1	2500	1	*
Spurn Head	1011.0	-2	SW'W	3	bc	59	95	7	4	2	-	2.3	4.6	4000	0	2
Birmingham	1014.2	0	SSW	3	bc/p	56	85	8	8	-	-	2.3	2.3	2500	1	*
Cranwell	1013.0	-2	SW'W	4	c/pr	57	85	8	8	-	-	7.8	7.8	1500	1	*
Gorleston	1014.2	-2	SW'W	1	bc	64	75	7	1	4	-	1	2.3	4000	0	1
Valentia Obs.	1014.3	+6	SW'W	5	bc	57	85	7	8	3	-	4.6	4.6	1500	1	4
Roches Point	1014.2	0	W	3	c	55	75	8	3	3	-	4.6	7.8	1500	0	3
Pembroke	1013.8	-4	SW'W	4	q	57	85	7	8	4	9	2.3	2.3	1500	1	3
Ross-on-Wye	1014.7	0	WSW	3	b	56	85	7	6	-	-	1	1	2500	1	*
Leafield	1015.4	0	SW'W	4	b	55	85	8	8	-	-	1	1	2500	0	*
Cardington	1014.9	+2	WSW	4	b	57	65	8	2	-	-	1	1	2500	0	*
Winchester	1016.3	+4	SW	3	bc	58	85	8	1	-	-	2.3	2.3	4000	1	*
S. Farnborough	1015.9	-2	WSW	1	pr.	59	75	8	2	-	-	4.6	4.6	2500	0	*
London (Kew)	1015.8	-6	SW'W	2	bc	62	65	8	8	-	-	4.6	4.6	2500	1	*
Croydon	1016.1	+2	SW	2	bc	60	65	7	7	-	-	2.3	2.3	4000	0	*
Manston	1015.3	-2	WSW	2	bc	59	85	7	5	3	-	2.3	2.3	2500	0	*
Shoeburyness	1015.5	0	W'S	2	bc	60	75	8	4	-	-	2.3	2.3	2500	0	*
Clacton-on-Sea	1015.5	0	W	2	b	61	65	7	-	4	-	0	Tr.	-	0	1
Felixstowe	1015.1	-2	WSW	2	bc	61	65	7	5	-	-	2.3	2.3	2500	0	1
Scilly (St. Mary's)	1019.3	+2	W'N	5	bc	57	95	7	2	-	-	2.3	2.3	4000	0	3
Falmouth	1019.3	0	W	4	bc	57	85	8	3	-	-	4.6	4.6	4000	0	2
Plymouth	1018.0	+4	W	5	bc	58	75	8	3	-	-	2.3	2.3	2500	0	3
Portland Bill	1016.7	-4	WSW	5	bc	60	85	8	4	-	-	4.6	4.6	2500	0	4
Calshot, S'hampton	1016.8	-2	SWW	3	bc	59	85	7	7	-	-	2.3	2.3	~~800~~ 1500	0	1
Dungeness																
Lympne	1015.9	+2	W'S	3	b	57	85	7	1	-	1	Tr.	Tr.	4000	1	*
Guernsey	1019.5	-2	W	2	c	58	85	7	5	4	-	4.6	7.8	2500	0	3

PAST 24 HOURS.

STATIONS.	Weather. 7h.–13h. 24th (37)	13h.–18h. 24th (38)	18h. 24th to 1h. 25th (39)	1h.–7h. 25th (40)
Lerwick	cp.rbc	bcc	cbcc	c
Stornoway	coir	orr	orrq	acp
Wick	cbc	bcc	cprrro	orr
Tiree	PRc	PRc	cpr.	pr
Nairn	bcpr	bcqp.r	cprq	cq
Aberdeen	bbc	bccbc	bc	bc
Malin Head	cpr	cir	cpr.cbcpr	cprm.
Renfrew	bcpr.q	cpbccpcrq	crrqr.c	cq, irc
Inchkeith (Edin.)	bc	bcc	cir.bc	bcb
Leuchars	bccbc	bccbc	bccqbcq	bcqcvq
Eskdalemuir	cprc	cpr	cpr	crrbcpr.
Tynemouth	bcq	bcq	bc0	obc
Blacksod Point	prqc	prqc	prq5	prqbc
Aldergrove	cprq pr RR	cq pr	cpr	c
Donaghadee	bc	p.rbc	bcpr.	bc
Birr Castle	cpr	cp.r	cprc	cpr.
Holyhead	bbcbq	b, p.r	bcb, c	cbc
Liverpool (Bidston)	bbcc	p. bcw	bcb	br.bc
Chester (Sealand)	bc	bcp.rb	prbc	bc, pr., pc
Harrogate	bbc	bcb	p'bcp	p'bcb
Spurn Head	bc	cbc	bc	bc
Birmingham	bc	bcPRq	b	bbccpr.
Cranwell	cbc	bccpr	crpb	bpcw
Gorleston	cbc	bc	pcb	b
Valentia Obs.	bccpq bc	bccp.	bccp	bccp.pbc
Roches Point	bcp.c	cp.c	cp.bcw	bcw
Pembroke	cwc.q	cbcq	bcq	bccq
Ross-on-Wye	bbc	bccp.bc	bcp.bbcc	cbcc
Leafield	bc	bcb	bw	bwf
Cardington	cbcy	bcyb	b	bbcw
Winchester	cbcy	bcyb	bbw	bbcw
S. Farnborough	cbcy	bcy	bcp.b	bw
London (Kew)	bcy	bcybc	bcbw	bw
Croydon	rcmbc	bcby	bcb	b
Manston	cdd.fRm	cbc	c, b	bw
Shoeburyness	oircbcb	b	b	b
Clacton-on-Sea	cbc3	bc3b	b	b
Felixstowe	cd.bc	bcbybc	bcb	bw
Scilly (St. Mary's)	bc	bc	bc	bcp.
Falmouth	bcp.q	bcPq	bcp.q	bcP
Plymouth	b	bbc	bcc	bwbcpr.
Portland Bill	cbc	bc	b	bbcc
Calshot, S'hampton	cbc	bbcb	bw	bw
Dungeness				
Lympne	oddfoc	cbcb	bw	bw
Guernsey	cbcc	bccbc	cbc	bccpr

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☾, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

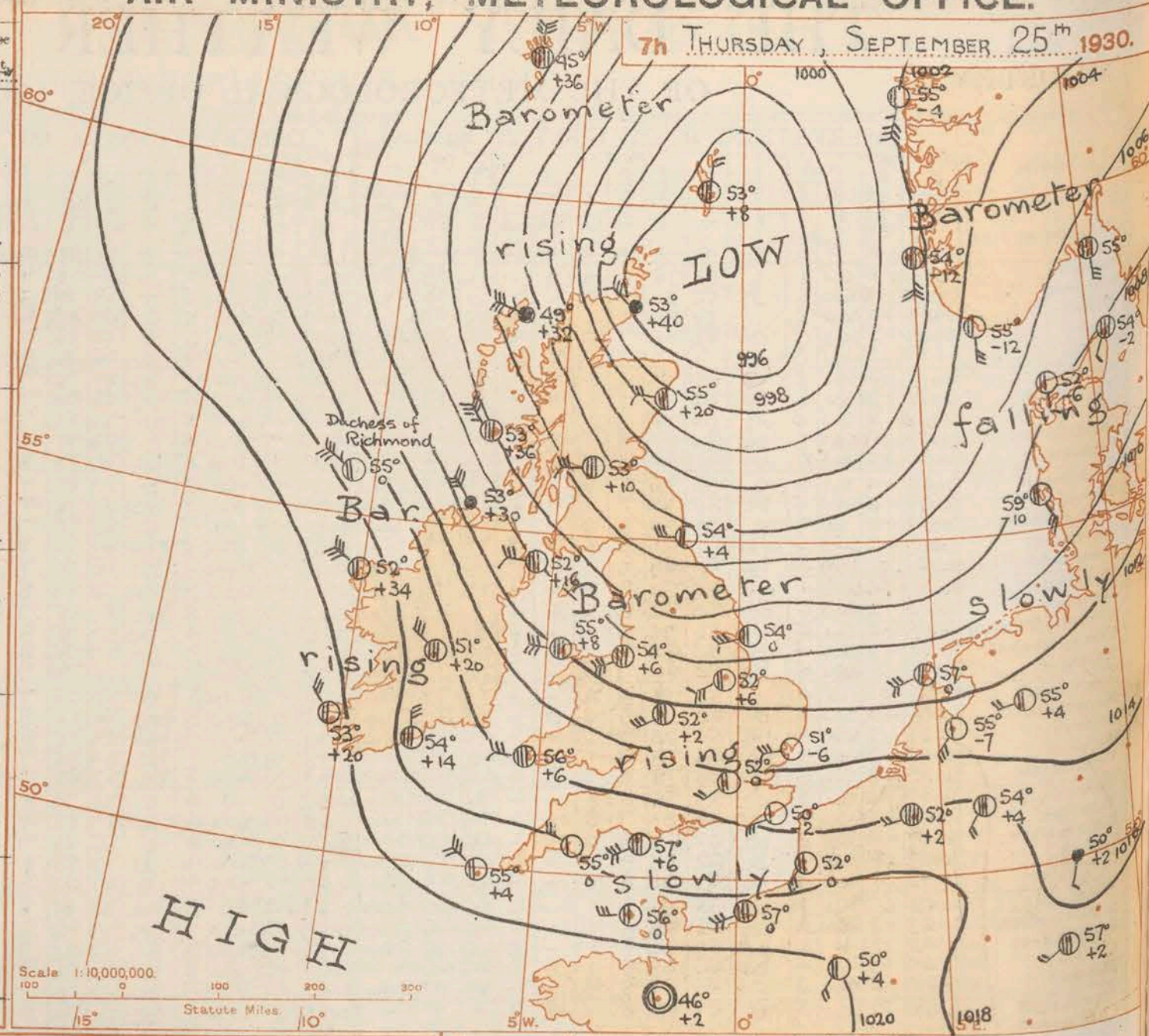
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 24th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 23rd to 9h. 24th	Temperature. Max. 9h.—17h. 24th	Rainfall. Night. 17h. 23rd to 9h. 24th	Rainfall. Day. 9h.—17h. 24th	Sunshine. Sunrise to 17h. 24th	Sunshine. Sunrise to Sunset. 23rd
Dunbar ...	b	b	55	67	Trace	-	9.7	7.7
Berwick-on-T. ...	bc	bc	55	61	-	-	8.5	5.5
Douglas	bcq	bcq	52	61	8	-	7.8	0.0
Llandudno ...	b	bbc	56	63	0.6	-	7.7	7.8
Colwyn Bay ...	bcb	bcr	55	64	2	Trace	8.9	7.8
Rhyl	bc	bc	55	63	0.3	-	8.2	4.3
Wallasey ...	bcbc	cbbc	55	63	-	-	5.8	3.8
Southport ...	bcbc	bbcpc	56	64	1	Trace	8.7	2.7
Blackpool ...	cbc	bcc	56	62	2	-	7.7	3.5
Morecambe ...	cbbc	btirh	52	62	3	1	8.0	2.3
Ilkley	bcc	pb	54	64	2	Trace	6.1	4.9
Cleethorpes ...	rb	b	58	66	1	-	9.2	8.6
Mablethorpe ...	bcwb	bbcbr	59	65	-	-	8.2	6.6
Skegness... ...	b	b	58	68	-	-	9.0	3.1
Aberystwyth ...	cprc	cbc	57	60	6	-	9.0	1.1
Bath	b	bbc	57	65	2	-	9.8	4.5
Cheltenham .†	bc	b	55	64	2	-	9.4	4.6
Leamington Spa	c	c	55	65	2	-	7.4	4.0
Lowestoft ...	circ	cbcb	60	68	0.6	Trace	5.5	1.1
Dovercourt ...	doc	bcv	60	69	Trace	-	5.7	0.0
Maldon	rcb	b	57	68	0.3	-	6.5	0.8
Southend ...	oc	cbcb	59	73	0.5	-	6.3	0.4
Ilfracombe ...	bc	bcc	57	62	7	-	6.7	7.1
Bude	rocbc	bc	56	66	3	-	9.3	4.6
St. Ives	b	b	54	61	5	-	9.4	0.0
Penzance ...	b	b	53	64	3	-	9.4	0.0
Torquay	rpb	bjp	54	65	2	-	9.4	0.8
Jersey	pcbc	bc	60	68	0.1	-	8.3	0.8
Weymouth ...	b	b	57	66	2	-	10.3	0.3
Bournemouth ...	b	b	57	66	2	-	9.5	0.1
Ventnor	orcb	bbc	59	63	1	-	8.3	0.5
Southsea ...	cb	b	60	67	0.6	-	8.8	0.2
Bognor Regis ...	obcb	b	59	67	1	-	7.4	0.4
Littlehampton ...	cbc	bc	59	66	1	-	7.7	0.1
Worthing ...	ocbc	b	60	66	1	-	7.0	0.2
Brighton... ...	ocbc	bcb	59	66	1	-	6.6	0.0
Eastbourne .†	ocbc	bcb	60	65	0.6	-	5.7	0.2
Hastings †	mc	cb	59	66	-	-	4.9	0.4
Folkestone ...	odoc	cbc	60	67	0.4	Trace	3.5	1.5
Dover	odc	cbcb	61	64	Trace	0.3	3.6	3.0
Deal	od.	cb	61	67	-	Trace	3.1	2.6
Tunbridge Wells	ocbc	bc	57	68	1	-	6.7	0.5
Ramsgate ...	orc	cbc	59	67	-	0.5	3.2	2.8
Margate	cdpbc	bc	61	69	Trace	1	3.3	2.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 4/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⊼ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th September, 1930.

Districts.	Forecast
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind west or northwest, fresh, squally at times; n bright periods, some showers; moderate day temperature, cool night, possibly local ground frost inland.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Wind northwesterly, fresh or strong, gale locally at first, moderating; showers, perhaps with thunder locally; bright periods; moderate day temperature, cool night.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland	Wind northwest or north, strong or gale, moderating; squally showers, perhaps with thunder locally; bright periods; rather cool.
16. Orkneys and Shetlands. 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind northwesterly, fresh or moderate, backing; bright periods: local showers today; moderate day temperature, cool night, possibly local ground frost inland.

GENERAL INFERENCE.

A depression off Northeast Scotland is moving eastwards and becoming less deep. A belt of high pressure extends from Greenland to Spain, while a depression in Mid-Atlantic is moving eastwards. Cool winds from between west and north, bright periods and showers will occur generally.

FURTHER OUTLOOK.

Mainly fair except for local showers which will occur chiefly in the North.

"Times of issue of gale warnings".

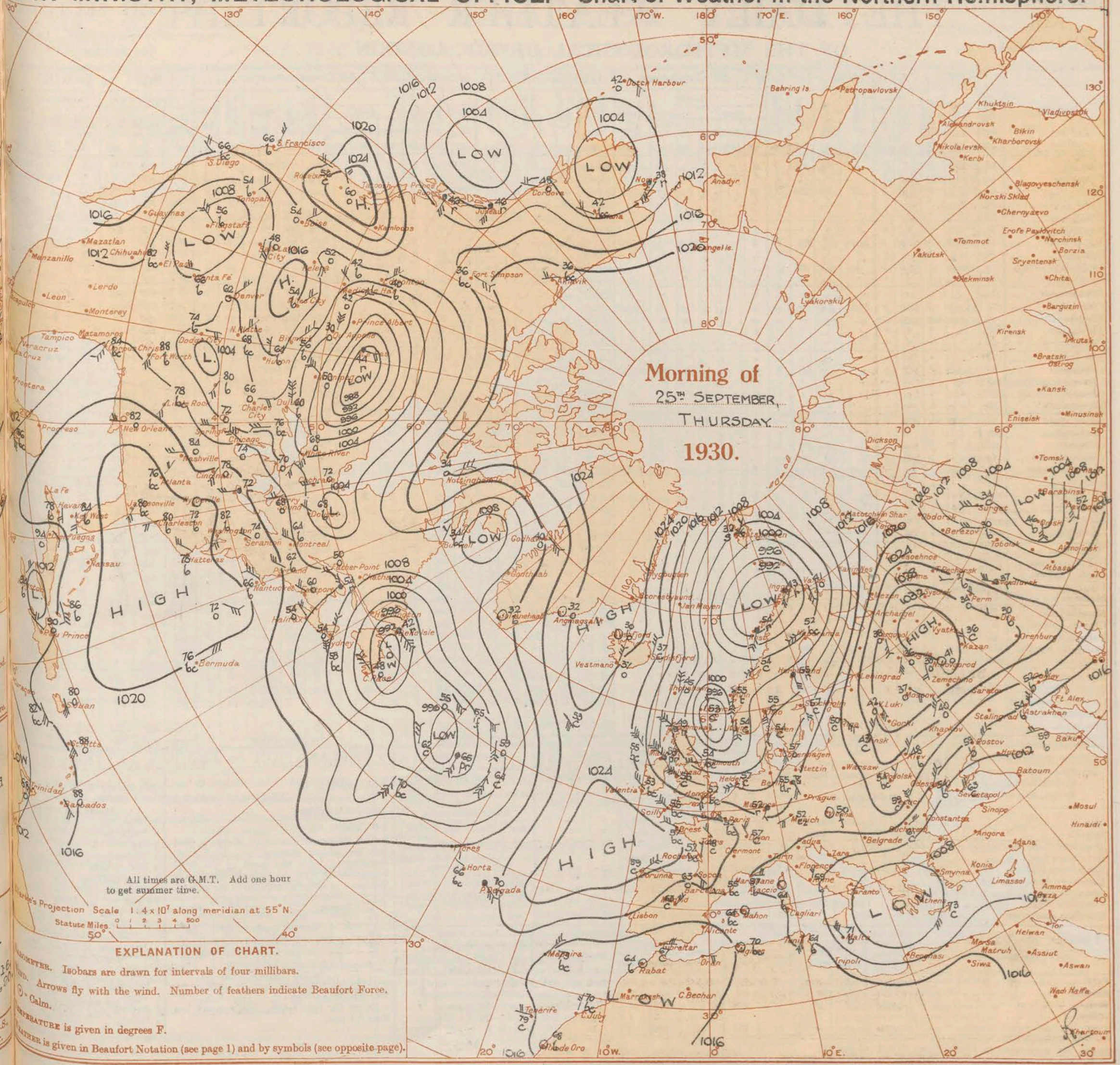
South Cone at 1300 on 24th in 13A, 13B, 15, 16
South Cone at 1655 on 24th in 11, 12, 17, 18, 20
~~South~~ Cone at 0840 on 25th in 7, 8, 10.

Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

25th September 1930.

No. 25144

OBSERVATIONS at 1 hr. G.M.T. 25th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	993.3	-10	S	2	c	55	85	7	5	2	-	4-6	7-8	1500
Stornoway	34	995.7	+36	NNW	7	•	•	•	6	•	•	•	•	10	•
Wick	81	988.1	-32	SSW	7	rr	54	95	7	9	-	-	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1006.9	+24	NNW	6	bc/p	55	85	7	3	-	-	4-6	4-6	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1000.6	-2	WSW	6	bc	54	86	8	-	5	-	0	2-3	-
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1005.1	-4	WSW	2	0	55	75	7	6	-	-	10	10	1500
Blacksod Point	10	1013.6	+18	WNW	5	c	55	75	6	9	-	-	9	9	450
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	56	•	•	•	•	•	•	•	•
Holyhead	26	1010.9	+2	W'S	6	c	57	85	8	5	-	-	9+	9+	4000
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1009.2	-4	WSW	4	bc	53	95	7	-	1	-	0	2-3	-
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1011.7	-2	SW	4	b	51	85	7	-	-	-	0	0	-
Gorleston	14	1013.1	-4	WSW	2	b	53	95	7	-	-	-	0	0	-
Valentia Obs.†	30	1016.4	+10	W	7	r	55	95	8	3	-	-	10	10	4000
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1014.2	0	W	4	d	57	85	8	3	-	-	4-6	4-6	1500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1016.3	0	WSW	4	b	53	95	7	-	3	-	0	1	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1019.4	0	WNW	5	bc/pr	56	95	7	3	-	-	2-3	2-3	4000
Falmouth	200	1019.3	0	W'S	3	bc	54	85	7	3	-	-	2-3	2-3	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1016.9	0	WSW	5	b	57	75	8	-	-	-	0	0	-
Calshot, S'hampton	8	1016.8	-2	WSW	4	b	53	85	8	-	-	-	0	0	-
Dungeness	20														
Lympne	347	1015.6	-8	W	4	b	51	95	7	-	-	-	0	0	-
Guernsey	173	1019.5	-2	W	3	bc	56	85	7	5	-	-	2-3	2-3	2500

OBSERVATIONS at 7 hr. G.M.T. 25th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	994.9	+8	NNE	2	c	53	95	6	5	7	-	4-6	7-8	1500	0	•
Stornoway	1005.2	+32	WNW	8	iR	49	86	7	6	8	-	7-8	9	4000	2	4
Wick	994.7	+40	NW	4	rr	53	95	8	6	-	-	10	10	1500	1	3
Tiree	1008.0	+36	NNW	7	c/pr	53	85	7	3	3	-	9	9+	800	1	4
Nairn	1000.6	•	WN	5	q	53	85	8	3	-	-	7-8	7-8	2500	0	•
Aberdeen	998.0	+20	WN	4	c/p	55	75	8	8	3	-	7-8	7-8	1500	1	2
Malin Head	1010.6	+30	NNW	7	pr	53	96	6	9	-	-	9+	9+	800	1	4
Renfrew	1005.8	+10	W	4	c	53	85	8	8	-	-	9	9	2500	1	•
Inchkeith (Edin.)	1001.8	+10	~~NNE~~ WSW	6	bc	54	85	8	-	4	-	0	4-6	-	0	3
Leuchars	1001.4	+14	WSW	5	c	54	75	9	5	7	1	4-6	7-8	4000	1	•
Eskdalemuir	1005.2	+6	W	5	pr.	50	85	8	5	-	-	7-8	7-8	1500	1	•
Tynemouth	1004.5	+4	W	3	bc	54	76	7	1	-	-	2-3	2-3	4000	0	2
Blacksod Point	1018.2	+34	NWW	6	bc	52	75	8	8	8	-	4-6	4-6	1500	0	5
Aldergrove	1011.9	+30	WNW	4	c	51	85	7	5	-	-	9	9	800	1	•
Donaghadee	1010.1	+16	W	4	c	52	85	7	8	-	-	7-8	7-8	4000	0	2
Birr Castle	1016.8	+20	NW	3	c/pr	51	95	7	9.6	-	-	9+	9+	2500	1	•
Holyhead	1012.3	+8	WNW	6	c	55	85	8	7	-	1	7-8	7-8	1500	1	4
Liverpool (Bidston)	1011.3	+6	W'S	6	c/p	54	75	8	9	-	-	7-8	7-8	4000	0	•
Chester (Sealand)	1012.2	+10	W'S	4	bc	54	85	8	8	-	9	2-3	4-6	2500	1	•
Harrogate	1008.4	+6	SW	5	bc	52	85	8	3	-	9	1	2-3	2500	1	•
Spurn Head	1008.4	0	W	4	bc	54	95	7	4	-	-	4-6	4-6	4000	0	4
Birmingham	1013.1	+2	WSW	3	c/pr	52	96	8	8	-	-	7-8	7-8	2500	1	•
Cranwell	1011.1	+4	SWW	4	bc	52	95	7	7	3	9	2-3	4-6	2500	1	•
Gorleston	1011.8	0	SW	3	b	50	95	7	-	3	-	0	Tr.	-	0	2
Valentia Obs.†	1020.6	+20	NW	3	bc/pr	53	95	8	5	-	1	2-3	2-3	1500	1	4
Roches Point	1017.0	+14	N	3	c	54	95	8	5	-	4	4-6	7-8	2500	0	2
Pembroke	1015.7	+6	W	4	c/pr	56	95	7	3	7	-	4-6	9	1500	1	3
Ross-on-Wye	1013.7	0	W'S	2	pr	53	95	8	6	2	-	9	9+	2500	1	•
Leafield	1014.0	0	SW	3	b/f	48	95	6	8	-	-	1	1	5700	1	•
Cardington	1013.1	-2	SWW	4	bc	52	85	7	5	3	-	2-3	2-3	7200	0	•
Winchester	1015.8	+4	WSW	2	bc	51	95	8	5	-	-	4-6	4-6	2500	1	•
S. Farnborough	1014.9	+4	W'S	3	b	52	95	8	5	-	-	Tr.	Tr.	2500	0	•
London (Kew)	1014.8	0	SW	2	bc	52	95	7	4	-	-	2-3	2-3	2500	1	•
Croydon	1015.0	-2	SWW	4	b	52	85	6	5	-	-	1	1	1500	0	•
Manston	1014.6	-4	SW	3	b	51	95	8	-	4	-	0	Tr.	-	0	•
Shoeburyness	1014.5	-6	WSW	3	b	53	96	7	-	-	-	0	0	-	0	•
Clacton-on-Sea	1014.0	-6	W	4	b	51	95	7	-	-	-	0	0	-	0	2
Felixstowe	1013.6	-2	WSW	3	b	52	85	6	-	-	-	0	0	-	1	2
Scilly (St. Mary's)	1018.9	+4	NW	5	bc	55	95	7	8	7	-	4-6	4-6	4000	1	3
Falmouth	1019.2	0	W	3	pr	53	95	8	3	-	-	4-6	4-6	4000	1	1
Plymouth	1017.9	0	WNW	3	b	55	95	7	9	-	-	1	1	2500	1	2
Portland Bill	1016.4	+6	WSW	5	c	57	85	8	4	4	-	4-6	7-8	2500	0	4
Calshot, S'hampton	1016.1	0	WSW	4	b	54	85	7	1	-	-	1	1	2500	0	0
Dungeness																
Lympne	1016.2	-2	W'S	3	b	50	95	7	-	5	-	0	1	-	1	•
Guernsey	1019.5	0	W	3	bc	56	85	7	8	4	-	4-6	4-6	2500	1	4

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 24 hrs. Hrs. (36)
Lerwick	58	52	•	4	-	3.2
Stornoway	57	42	•	7	7	1.0
Wick	59	52	•	-	4	•
Tiree	59	52	50	3	1	3.3
Nairn	59	53	•	1	0.6	5.2
Aberdeen	63	53	50	-	-	6.0
Malin Head	59	50	•	2	2	5.1
Renfrew	61	51	48	3	5	6.7
Inchkeith (Edin.)	61	53	51	-	-	9.7
Leuchars	62	51	49	-	-	8.9
Eskdalemuir	57	49	46	1	5	2.7
Tynemouth	65	54	49	-	-	•
Blacksod Point	59	50	•	2.5	7.3	•
Aldergrove	61	50	46	2	0.3	5.8
Donaghadee	63	51	•	Tr.	0.3	•
Birr Castle	58	50	46	2	0.6	2.6
Holyhead	61	54	51	0.1	-	9.5
Liverpool (Bidston)	61	53	49	0.2	0.3	7.2
Chester (Sealand)	65	54	48	Tr.	0.1	8.0
Harrogate	63	51	47	-	0.6	9.0
Spurn Head	65	52	•	-	-	8.8
Birmingham	63	49	47	0.4	0.1	8.4
Cranwell	65	50	47	0.2	Tr.	8.2
Gorleston	68	49	47	-	-	5.0
Valentia Obs.†	60	53	49	1	2	6.5
Roches Point	61	52	•	0.3	0.1	•
Pembroke	59	55	•	-	Tr.	8.0
Ross-on-Wye	63	51	46	0.2	0.3	8.1
Leafield	63	47	45	-	Tr.	9.7
Cardington	67	49	47	-	-	8.7
Winchester	66	50	46	-	-	8.9
S. Farnborough	68	49	42	Tr.	Tr.	8.2
London (Kew)	65	50	45	-	-	7.3
Croydon	67	51	47	Tr.	-	7.8
Manston	69	49	44	1	0.1	3.4
Shoeburyness	69	50	45	0.3	-	5.8
Clacton-on-Sea	67	50	47	-	-	5.5
Felixstowe	68	51	48	0.1	-	5.2
Scilly (St. Mary's)	62	54	•	-	0.4	10.3
Falmouth	62	53	•	0.1	0.3	9.1
Plymouth	62	54	52	-	Tr.	9.8
Portland Bill	62	56	•	-	-	•
Calshot, S'hampton	66	53	47	-	-	9.5
Dungeness			•			•
Lympne	66	47	44	0.3	Tr.	4.1
Guernsey	64	55	52	-	0.2	9.7

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning. (24 hrs. ended 9h.)	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bcy	bcybc	bcbw	65	50	45	-	-	7.3	•	•	7
Croydon	244	r.cmbc	bcby	bcb	67	61	47	Tr.	-	7.8	•	•	7
Greenwich (Royal Observatory)	149	cbcy	bccy	cbwbc	70	49	42	-	Tr.	7.4	64	76	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	•	•	•	•
Westminster (St. James' Park)	27	•	•	•	67	51	47	-	-	7.2	48	87	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	7.7	•	•	•
Camden Square	110	cb	bc	•	68	51	•	-	-	•	•	81	•
Kensington Palace	80	bc	bc	•	67	51	45	-	-	•	At 18h. 61	77	•
Hampstead Observatory	450	bcm	bc	•	65	46	42	Tr.	0.3	7.7	•	86	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 25th

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0.3	7h 26m	<0.3	21h 24m 4h 25m	0.1	19h 24m	<0.1	24h 25m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 24th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 25th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1017.4	WSW	2	c	52	1020.2	W	2	bc	52	68	50	-	-
Brussels	1015.8	WS	2	o/r	64	1016.0	WSW	2	o	52	68	52	0.1	Tr.
Berlin	1020.2	SE	2	2	63	1015.3	SSE	2	c/r	55	70	50	-	?
Zürich						1017.6	SE	1	2	54		48		-
Rome	1012.6	N	4	b	82	1013.8	NNE	2	b	59	?	?	-	?

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

26th September 1930.

No. 25145

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

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	998·7	+22	N'E	7	ir₀	52	95	6	6	-	-	10	10	1500
Stornoway	1012·9	+34	NNW	6	iR	47	95	5	6	-	-	10	10	2500
Wick	1002·7	+36	NW	6	o/r	52	95	7	6	-	-	10	10	1500
Tiree	1014·5	+26	NNW	7	bc	53	65	8	2	3	3	2-3	4-6	2500
Nairn	•	•	•	•		•	•	•	•	•	•	•	•	•
Aberdeen	1003·4	+24	NW	5	ir₀	52	85	7	9	-	-	10	10	1500
Malin Head	1016·4	+22	NNW	6	bcjp	54	85	7	2	-	-	4-6	4-6	1500
Renfrew	1010·4	+20	NW'N	5	q	56	65	8	8	3	-	4-6	7-8	2500
Inchkeith (Edin.)	1006·8	+20	W	4	c	57	65	8	4	6	-	2-3	9	4000
Leuchars	1006·4	+20	WNW	5	c	57	65	9	2	4	-	4-6	7-8	4000
Eskdalemuir	1008·9	+20	NW	5	bc	55	65	8	8	-	-	4-6	4-6	2500
Tynemouth	1006·8	+16	WNW	3	bc	60	85	7	2	-	-	4-6	4-6	2500
Blacksod Point	1021·8	+10	NW'W	6	bc	55	55	8	8	-	-	4-6	4-6	1500
Aldergrove	1015·5	+18	NW'N	5	q	52	75	7	9	-	9	4-6	4-6	800
Donaghadee	1013·7	+20	NNW	4	c	57	65	7	7	6	-	4-6	7-8	4000
Birr Castle	1020·5	+16	NNW	4	bc	53	65	8	8	-	-	4-6	4-6	2500
Holyhead	1014·3	+4	NW'W	6	c/pr	56	75	8	4	-	1	9+	9+	2500
Liverpool (Bidston)	1012·6	+6	W	6	opr	54	85	8	6	-	-	10	10	2500
Chester (Sealand)	1013·3	+2	WNW	5	bc/pr	56	85	8	8	-	3	4-6	4-6	4000
Harrogate	1009·6	+6	W'S	3 4	c	56	75	8	6	-	9	7-8	7-8	2500
Spurn Head	1008·0	0	NW'W	6	c	60	85	7	8	3	-	4-6	7-8	4000
Birmingham	1013·4	0	NW	4	bc	59	55	8	8	-	1	4-6	4-6	4000
Cranwell	1010·9	+2	W	5	c	60	65	8	2	-	1	4-6	7-8	2500
Gorleston	1011·2	-6	W'N	4	bc	56	85	7	2	-	-	4-6	4-6	2500
Valentia Obs.	1023·7	+10	NNW	5	bc	58	65	8	1	-	-	2-3	2-3	2500
Roches Point	1020·4	+8	N	5	bc	58	65	9	3	-	-	4-6	4-6	2500
Pembroke	1017·2	0	NW	4	bc	57	85	8	3	4	9	2-3	4-6	1500
Ross-on-Wye	1014·7	0	NW	4	cjp	57	65	8	8	•	1	7-8	7-8	4000
Leafield	1014·0	0	W	5	pr₀	59	65	9	3	-	-	9	9·	4000
Cardington	1013·0	-4	WNW	4	bc	61	55	8	2	-	-	4-6	4-6	4000
Winchester	1014·7	-10	W'N	4	o	60	65	8	8	-	8	4-6	7-8	2500
S. Farnborough	1014·1	-8	W'N	3	pr	62	65	8	8	3	3	7-8	9+	2500
London (Kew)	1013·8	-10	W	3	c	62	55	8	1	-	1	4-6	7-8	2500
Croydon	1014·3	-10	WSW	3	c/pr	59	75	7	8	-	9	7-8	7-8	2500
Manston	1013·4	-10	W	3	c	62	75	7	7	-	-	7-8	7-8	2500
Shoeburyness	1013·5	-10	W'N	2	c	60	75	8	3	7	-	7-8	9	1500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1012·8	-8	W'N	3	bc	62	95	8	6	-	-	4-6	4-6	2500
Scilly (St. Mary's)	1021·1	+4	NNW	5	bc	61	95	8	1	8	-	2-3	4-6	4000
Falmouth	1019·9	0	NW	5	bc	58 51	75	8	3	-	-	4-6	4-6	4000
Plymouth	1018·0	-2	NW	4	bc	60	65	8	3	-	-	4-6	4-6	4000
Portland Bill	1016·1	-8	W'N	5	c/pr	60	75	8	3	7	-	4-6	7-8	2500
Calshot, S'hampton	1015·7	-4	WSW	4	c/pr	58	85	7	8	4	-	7-8	7-8	2500
Dungeness														
Lympne	1013·9	-6	W'S	4	bc	60	75	8	8	-	-	4-6	4-6	2500
Guernsey	1018·9	-6	W	3	bc	60	75	7	8	4	1	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 25th September — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 25th (37)	Weather 13h.–18h. 25th (38)	Weather 18h. 25th to 1h. 26th (39)	Weather 1h.–7h. 26th (40)
Lerwick	1005·1	+32	NNE	7	ir₀	50	95	7	6	-	-	10	10	1500	1	•	coir₀	coir₀	oir₀,c	cbcq
Stornoway	1016·7	+16	NNW	5	c	45	75	7	3	8	1	4-6	7-8	4000	1	3	oiR	cbq bc	bcp	bcpr
Wick	1008·5	+24	NW	8	ir	53	95	7	6	-	-	10	10	1500	1	5	orro	orrir	o	cprcq
Tiree	1017·5	+20	NNW	7	bc	50	65	7	8	3	-	4-6	4-6	1500	0	4	cphr	bc	bcpr	bc
Nairn	1012·9	•	N'W	6	q	48	75	8	3	-	-	7-8 ?	7-8 ?	2500	0	•	cq	ojp r₀c	cqbc	qbc
Aberdeen	1006·9	+20	NW	6	r₀r₀	49	85	7	6	-	-	9+	9+	1500	1	3	cpr₀q	or₀rr	or₀r₀	ocir₀
Malin Head	1018·1	+14	N'W	6	cjp	52	75	7	9	8	-	7-8	7-8	1500	0	4	cbcpr	bcp₀c	cbcpr₀	bcpr₀
Renfrew	1013·5	+22	NW'W	3 4	c	50	75 85	8	5	-	-	7-8	7-8	2500	1	•	cbcq	bccq c	cbcw	bbcw
Inchkeith (Edin.)	1010·1	+20	NW	4	c	52	65	8	5	2	-	2-3	9+	4000	0	2	ccbcc	cpr	co	cbc
Leuchars	1010·1	+24	WNW	4	c/r₀	51	65	9	8	3	-	9	9	4000	1	•	cbvq	bccr₀vq	cvqbcq	bcqcq
Eskdalemuir	1011·4	+14	NW'N	4	c/pr₀	48	75	8	5	-	-	9	9	2500	1	•	bcp₀cbc	bccpr₀	cbc	bc
Tynemouth	1008·4	+16	NW	3	c/r	54	95	7	6	-	-	9	9	1500	1	3	bc	bcoir₀	coir₀q	oir₀
Blacksod Point	1023·3	+2	N	6	bc	52	65	8	8	-	-	4-6	4-6	2500	0	5	prq bc	bcq	prqbc	prqbc
Aldergrove	1017·4	+10	NNW	4	q	49	75	8	9	-	-	2-3	2-3	1500	1	•	prc PR	qprcprbcb	bcpr₀	bcqp₀bbcp
Donaghadee	1015·5	+8	NNW	4	bc	51	75	7	5	3	-	4-6	4-6	4000	0	3	r₀rbc	pr₀bc	bcpr₀	bcq
Birr Castle	1021·1	+6	NNW	2	bc	51	75	8	1	-	-	2-3	2-3	4000	1	•	cp₀cbc	bcpr₀	bcpr₀	bcpr₀c
Holyhead	1015·3	+6	NNW	7	u	54	65	8	8	-	-	2-3	2-3	2500	1	4	bcc	pr r₀qbc	bccbc	c, pr₀
Liverpool (Bidston)	1013·6	-2	WNW	6	pr	53	65	8	9	-	-	7-8	7-8	1500	0	•	bcipo	cp₀bc	oiRc	cv
Chester (Sealand)	1013·8	+4	NW'W	5	q	53	75	8	3	-	-	4-6	4-6	2500	1	•	bcq pr₀	bc PRq	bc PR	cpr₀
Harrogate	1010·7	+6	WSW	2	b	52	75	8	4	-	-	1	1	4000	1	•	bbc	cb	bbcco rr	oc
Spurn Head	1008·9	+2	N'E	4	cjb	55	95	7	3	3	9	2-3	9	4000	0	3	bcc	cpr₀q	cbcqclpr	crrcq
Birmingham	1014·1	+4	WNW	3	bc	51	85	7	5	-	-	2-3	2-3	4000	1	•	bc	bcPR	bbc	bccpr₀
Cranwell	1010·7	0	W	4	c	53	85	6	8	-	-	9	9	2500	0	•	bccbc	bcc p₀d	cpr₀	ofrm₀c
Gorleston	1010·1	-6	W	2	bc	61	75	6	2	6	-	2-3	4-6	4000	0	2	bbcq	bcq	bccl	bcleo
Valentia Obs.	1024·1	+2	NNW	4	pr	54	85	8	8	-	-	9	9	2500	1	3	bcp₀bc	bcc p₀	cp₀bcb	bbccp₀p
Roches Point	1021·6	+12	NNW	5	bc/p₀	57	75	9	3	-	-	2-3	2-3	2500	0	3	bcv	bcp₀bcv	bcvb	bbce
Pembroke	1017·1	0	NW	4	q	55	85	8	8	8	9	4-6	7-8	2500	1	3	cbcc	bccq	cp₀bcq	bccir
Ross-on-Wye	1014·7	+6	WNW	2	c	53	75	8	5	-	-	9	9	4000	1	•	cbcc	pbc	cbcb	b
Leafield	1014·4	+6	NNW	5	cjp	49	85	9	8	-	-	9	9	4000	0	•	bcp₀	bcjp	bcb	bw
Cardington	1012·6	+6	WNW	4	c	54	75	7	5	-	-	9	9	2500	0	•	bcy	bcyjpc	bbcpr₀	cpr₀
Winchester	1014·4	+6	W'N	3	bc	52	75	8	4	-	-	2-3	2-3	4000	1	•	bcc	cpr₀cbc	bcblbc	bbcbw
S. Farnborough	1013·8	+4	W	1	b	53	75	8	1	-	-	1	1	4000	0	•	bwcbc	cp₀bcbv	bvb	bbcwcbc
London (Kew)	1013·5	+2	W	2	bc	57	65	8	7	3	-	2-3	4-6	2500	1	•	bcbcy	bcycpbc	c	ccr₀
Croydon	1013·3	0	W	3	c	57	65	7	8	3	-	4-6	7-8	4000	0	•	bm₀bcc pr₀	cprbc	bccbcb	bbccd₀d
Manston	1012·4	-4	WSW	2	c	55	95	7	5	-	-	7-8	7-8	4000	1	•	bbc	cprbc	cbc	bcc
Shoeburyness	1012·4	0	W	2	bc	55	85	7	4	-	-	4-6	4-6	4000	0	•	bc	cbcpr₀	c	cd₀
Clacton-on-Sea	1011·9	-6	WNW	3	bc	55	75	7	3	4	-	2-3	4-6	800	1	2	bbc	bccpbc	bcb	bbcc
Felixstowe	1011·6	0	WNW	2	c	59	55	8	5	-	1	4-6	7-8	4000	0	2	bwz₀bc	bcy	bcy	bcc
Scilly (St. Mary's)	1021·2	+2	N'W	5	bc	56	95	8	2	-	-	4-6	4-6	4000	0	3	bc	bc	bcp₀	bcp
Falmouth	1020·3	+6	NW'N	4	bc	55	65	8	7	-	-	4-6	4-6	4000	1	2	bcp₀	bcp₀	bcp₀	bc'c
Plymouth	1017·9	+2	NW	4	bc	55	75	8	3	-	-	2-3	2-3	2500	1	2	b,cPR	cb	b,cpr	cprb
Portland Bill	1015·7	-2	NW	5	c	57	65	8	4	5	9	4-6	7-8	2500	0	3	cipr	c	bcb	bbcc
Calshot, S'hampton	1005·1	+4	W'N	3	bc	56	75	8	8	5	-	4-6	4-6	4000	0	1	bwbcc PR	cbc	bcbw	bbc,cbcw
Dungeness																				
Lympne	1013·0	-2	WSW	2 3	c	53	95	7	8	-	1	7-8	7-8	4000	1	•	bbcv	bccprt	cbclbm₀	bclcbcm₀
Guernsey	1017·8	-2	W	3	bc	57	75	7	5	4	-	2-3	4-6	2500	0	4	cprbc	bcpr₀	bcpr₀	bccbc

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ⩀, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

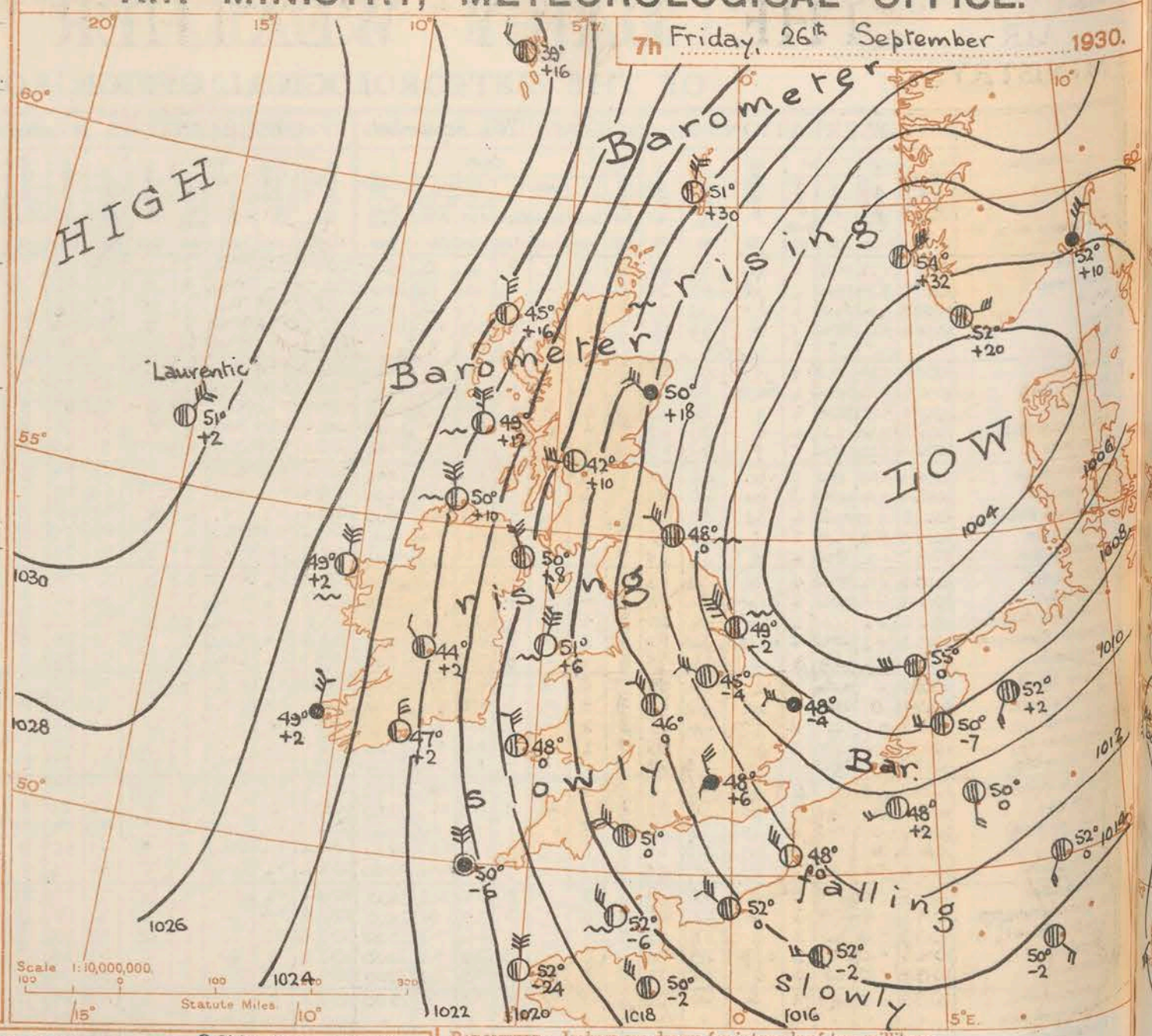
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for ..... 25th September ... 1930.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. 9h.24th. to 9h.25th.	TEMPERATURE. Max. 9h.—17h. 25th.	RAINFALL. Night. 17h.24th. to 9h.25th.	RAINFALL. Day. 9h.—17h. 25th.	SUNSHINE. Sunrise to 17h. 25th.	SUNSHINE. Sunrise to Sunset. 24th.
Dunbar ...	bbc	bccr.	52	58	-	Trace	3.0	9.9
Berwick-on-T. ...	bc	bcc	52	59	-	-	5.2	8.5
Douglas	bcqp	bcqp	51	56	-	1	6.3	7.8
Llandudno ...	cbbc	crcrc	54	57	0.2	3	2.9	8.2
Colwyn Bay ...	bcobo	orbc	53	58	Trace	0.5	1.7	9.1
Rhyl	bcpc	cprbc	54	58	-	1	3.7	8.2
Wallasey ...	bccP	cRbc	54	59	1	2	3.7	5.8
Southport . ‖	cop.	cbccp.c	54	57	1	0.5	3.8	8.7
Blackpool ...	bccp	cbc	55	58	-	0.4	3.5	7.7
Morecambe ...	cbdpb	cdcb	55	58	5	2	4.1	8.0
Ilkley	bcp	bc	52	64	1	0.5	7.8	6.1
Cleethorpes ...	b	rtco	50	62	-	0.6	7.8	9.4
Mablethorpe ...	bcwv	bcpc	49	63	Trace	Trace	7.8	8.2
Skegness...	ob	boro	49	65	-	1	8.0	9.0
Aberystwyth ...	cprc	cpr	55	57	2	0.6	3.9	9.3
Bath	bbcp.	bcp.b	52	63	8	Trace	6.8	10.3
Cheltenham .†	wbbcc	bccbc	50	60	-	-	5.4	9.6
Leamington Spa	c	corc	60	61	-	2	6.9	7.4
Lowestoft ...	b,c	b,cb	49	64	-	-	10.2	5.8
Dovercourt ...	bcv	bcv	50	64	-	-	9.5	5.7
Maldon	b	bbc	58	64	-	-	7.0	6.9
Southend ...	bcr.	cr.	51	65	Trace	2	6.4	6.3
Ilfracombe ...	ocbc	bcc	56	60	1	-	3.6	6.7
Bude	cpcbc	bcp.	56	59	1	Trace	5.6	9.3
St. Ives	b	b	54	61	0.5	-	7.7	9.5
Penzance ...	b	b	54	62	0.5	-	8.4	9.7
Torquay	wbcbbcp.	bcjp	53	62	-	0.4	7.8	9.4
Jersey	pcbc	pcbc	57	63	0.3	0.3	9.0	8.5
Weymouth ...	bpc	b	55	65	-	0.1	7.6	10.7
Bournemouth ...	bc	rbcc	52	62	-	3	7.0	9.7
Ventnor	bcb	cpbcb	54	62	-	4	8.1	8.3
Southsea ...	bccp	bcb	55	61	-	4	6.1	9.0
Bognor Regis ...	bbc	bc	56	62	-	Trace	5.2	7.5
Littlehampton ...	bc	bcpbc	52	62	-	5	6.6	7.8
Worthing ...	bc	cr.bc	53	63	-	Trace	6.7	7.2
Brighton... ...	cbc	bc	54	63	-	-	6.8	7.0
Eastbourne .†	bbc	bccbc	54	63	-	-	7.0	6.0
Hastings †	bbcp	cbcotlrc	50	63	-	2	7.0	5.3
Folkestone ...	wbc	bccop	48	64	-	3	6.5	3.7
Dover	bbcc	coprc	52	64	-	0.5	6.2	3.6
Deal	b	bbc	51	65	-	-	6.3	3.1
Tunbridge Wells	bbc	opoc	48	62	-	7	6.7	7.1
Ramsgate ...	bbc	bcpcbc	50	64	-	4	6.5	3.4
Margate	bbcp	bctrc	50	63	-	6	6.1	3.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◑ Sky 5/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th Sep. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Wind northwest or north, fresh or strong, moderating; mainly cloudy at first, with occasional rain or showers, perhaps brighter later; cool; perhaps local ground frost at night.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales ▲ 8. N.W. England ▲	Wind northerly, fresh, strong locally at first, moderating; showers ; bright periods; cool; local ground frost at night.
9. N. Midlands 10. N.E. England ▲ 11. S.E. Scotland ▼	Wind northerly, fresh or strong, moderating and veering somewhat; mainly cloudy; occasional rain or showers; cool, perhaps local ground frost at night.
12. S.W. Scotland & Isle of Man ▼ 13. A. W. Scotland. B. N.W. Scotland. ▼ 14. Mid-Scotland ▼	Wind northerly, fresh or strong at first, moderating, veering northeast; some showers today, then mainly fair; cool; local ground frost at night.
15. N.E. Scotland ▼ 16. Orkneys and Shetlands. ▼	Wind north or northeast, fresh or strong at first, moderating; cloudy with occasional rain or showers today; probably brighter tomorrow; cool; local ground frost inland at night.
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland 20. S.W. Ireland ▼	As 12 - 14.

GENERAL INFERENCE.

A depression over the North Sea is moving slowly south-southeast and filling up, while an anticyclone south of Iceland is moving towards Scotland. A cool northerly air current will be maintained over the country. There will be occasional rain in the East, and showers and bright intervals elsewhere.

FURTHER OUTLOOK.

Bright periods; occasional rain or showers in the East; cool; ground frost at night.

"Times of issue of gale warnings".

▼ South Cone at 1300 on 24th in 13A, 13B, 15, 16
▼ South Cone at 1655 on 24th in 11, 12, 17, 18, 20.
▲ North Cone at 0840 on 25th in 7, 8, 10.

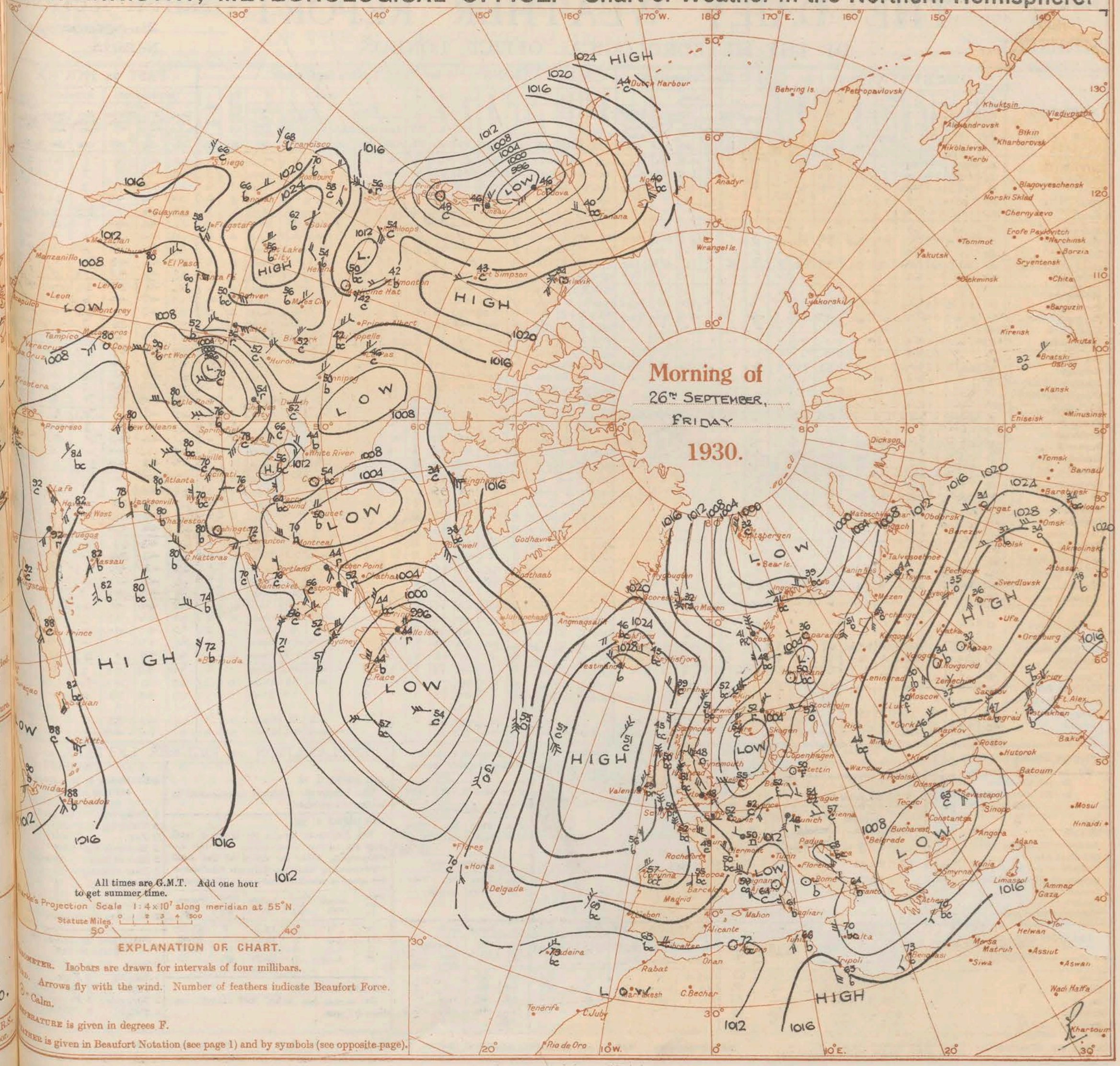
Forecasts issued at 0925 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

HWL.a

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

26th September 1930.

No. 25145

OBSERVATIONS at 1 hr. G.M.T. 26th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1011·0	+24	NNE	8	c	50	85	7	5	2	-	4·6	9+	1500
Stornoway	34	1019·7	+6	N	5	bc	46	75	7	4	-	-	2·3	2·3	4000
Wick	81	1013·3	+8	NW	8	0	48	95	7	6	-	-	10	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1020·6	+4	N	6	bcjp	49	86	7	3	-	-	2·3	2·3	1500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1013·7	+12	NW	4	bc	48	65	8	5	4	-	1	4·6	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1010·4	+4	NW	4	ir₀	48	75	7	6	-	-	10	10	1500
Blacksod Point	10	1024·3	+4	N	6	bc	49	65	7	9	-	-	4·6	4·6	800
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1016·2	+2	N'W	7	c	52	75	8	5	-	-	9+	9+	1500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1009·6	0	NNW	6	pr	49	95	7	6	2	-	7·8	10	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1012·0	+6	NW	4	pr	48	85	6	6	-	-	10	10	2500
Gorleston	14	1009·8	0	W	2	bc	50	85	7	-	1	-	0	4·6	-
Valentia Obs.†	30	1025·2	0	NW	6	b	51	85	9	5	-	-	1	1	4000
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1018·8	+2	NNW	4	bc	51	85	8	5	-	-	2·3	2·3	4000
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1014·0	0	W'N	3	bc	49	75	7	-	3	-	0	2·3	-
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1021·5	+2	NNW	5	bc pr₀	52	95	8	3	-	-	4·6	4·6	4000
Falmouth	200	1020·8	0	NNW	4	bc	51	75	8	3	-	-	2·3	2·3	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1015·9	+4	NW	5	b	53	65	8	-	-	-	0	0	-
Calshot, S'hampton	8	1015·0	-2	NW	4	b	52	75	8	1	-	-	Tr	Tr	2500
Dungeness	20														
Lympne	347	1012·5	-2	NW'W	3	z	45	95	6	5	3	-	2·3	4·6	4000
Guernsey	173	1017·7	-6	NW	2	bc	54	75	7	5	-	-	4·6	4·6	2500

OBSERVATIONS at 7 hr. G.M.T. 26th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1016·0	+30	NNE	5	bc	51	75	8	4	1	-	2·3	4·6	1500	0	*
Stornoway	1023·0	+16	N	4	bc	45	85	8	4	-	-	4·6	4·6	4000	1	3
Wick	1016·6	+22	NW	8	c pr	50	95	8	6	7	4·6	~~7·8~~	7·8	1500	1	4
Tiree	1021·6	+12	N	7	bc	49	65	7	2	3	-	4·6	4·6	2500	0	4
Nairn	1018·3	•	N	4	c	49	85	8	3	9	-	4·6	7·8	2500	0	*
Aberdeen	1013·1	+18	NW'N	5	ir₀	50	95	6	6	7	-	9	9+	800	1	3
Malin Head	1021·9	+10	NNW	6	bcjp	50	85	8	3	6	-	4·6	4·6	1500	0	4
Renfrew	1017·9	+10	W	3	bc	42	85	8	7	-	-	2·3	2·3	2500	1	*
Inchkeith (Edin.)	1014·6	+8	NW	4	bc	47	75	8	5	8	-	4·6	4·6	4000	0	1
Leuchars	1014·5	+10	NW	5	c	50	65	8	7	7	-	4·6	7·8	4000	1	*
Eskdalemuir	1014·8	+22	N'W	6	bc	44	65	8	5	-	1	4·6	4·6	2500	1	*
Tynemouth	1010·6	0	NW	4	0	48	75	7	6	-	-	10	10	1500	1	4
Blacksod Point	1025·3	+2	N	6	bc	49	75	8	9	-	-	4·6	4·6	800	0	5
Aldergrove	1020·2	+8	N'W	4	bc	46	85	8	8	-	-	4·6	4·6	1500	1	*
Donaghadee	1018·3	+8	N'W	5	q	50	75	8	7	3	-	4·6	7·8	4000	0	3
Birr Castle	1023·0	+2	NW	1	c	44	95	8	5	-	-	7·8	7·8	4000	1	*
Holyhead	1016·6	+6	NNE	6	bcjp	51	75	8	1	8	-	4·6	4·6	2500	1	4
Liverpool (Bidston)	1015·2	+6	NW	4	c pr	49	75	9	5	-	-	9+	9+	1500	1	*
Chester (Sealand)	1015·3	+8	NNW	4	pr₀	49	75	7	5	-	-	9	9	2500	1	*
Harrogate	1012·2	0	WNW	4	c	46	75	9	5	-	-	9+	9+	2500	1	*
Spurn Head	1007·5	-2	NW'N	7	c	49	95	7	3	2	-	4·6	10	4000	1	5
Birmingham	1014·6	0	NNW	4	c	46	85	6	-	2	-	0	9	-	1	*
Cranwell	1011·4	-4	W'N	4	c/r	45	85	7	6	3	-	9	9+	2500	1	*
Gorleston	1008·6	-4	W'N	4	rr	48	95	6	6	-	-	10	10	800	1	1
Valentia Obs.†	1025·0	+2	N'E	4	pr	49	85	8	5	-	-	7·8	7·8	~~1150~~ 1500	1	3
Roches Point	1023·2	+4	N	3	bc	47	85	8	5	-	-	4·6	4·6	2500	0	0
Pembroke	1017·9	0	NNW	4	q	48	95	8	3	8	-	4·6	4·6	1500	1	3
Ross-on-Wye	1015·5	+4	NW'W	2	b	45	85	8	5	2	-	Tr	1	4000	1	*
Leafield	1013·8	-6	NW'N	5	bc	45	85	8	6	7	3	1	4·6	800	0	*
Cardington	1012·4	-2	NW'N	4	ir₀	48	85	7	6	2	-	9	10	1500	1	
Winchester	1014·4	+4	WNW	3	bc	44	95	8	-	3	-	0	2·3	-	1	*
S. Farnborough	1013·5	0	WNW	2	c	46	85	8	5	8	1	4·6	7·8	2500	0	*
London (Kew)	1013·4	+6	NNW	3	r₀r₀	48	85	7	6	2	-	4·6	10	1500	1	*
Croydon	1013·1	-2	WNW	3	id	47	85	6	5	2	-	7·8	10	800	0	*
Manston	1011·1	-2	NW'W	4	c	49	85	7	5	-	-	9+	9+	1500	0	*
Shoeburyness	1011·9	0	NW	4	c/d₀	48	85	8	4	7	-	~~9+~~ 7·8	~~(10)~~ 9	1500	0	*
Clacton-on-Sea	1010·9	0	NW	4	c	47	95	7	6	-	-	7·8	7·8	800	0	2
Felixstowe	1010·7	-2	NW	4	c	48	85	8	5	-	-	9	9	1500	0	2
Scilly (St. Mary's)	1021·0	-6	N'W	6	pr	50	95	8	9	-	-	4·6	4·6	4000	1	3
Falmouth	1019·4	0	NNW	4	c	50	65	8	3	-	-	7·8	7·8	4000	0	1
Plymouth	1017·7	0	NW	3	u	49	85	8	3	-	-	4·6	4·6	2500	1	2
Portland Bill	1015·0	0	NW	5	u	51	75	7	4	9	-	4·6	7·8	2500	0	3
Calshot, S'hampton	1014·6	0	NW'W	4	c	48	75	7	7	9	-	1	7·8	2500	0	1
Dungeness																
Lympne	1011·6	0	WNW	3	z	43	95	6	5	5	-	7·8	9	4000	0	*
Guernsey	1017·0	-6	NW	3	bc	52	65	8	8	-	-	4·6	4·6	2500	0	4

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 25th. Hrs. (36)
Lerwick	54	47	*	1	1	0·1
Stornoway	50	42	*	7	1	2·0
Wick	53	48	*	7	1	*
Tiree	54	46	42	1	0·1	7·8
Nairn	53	46	*	0·5	-	0·0
Aberdeen	55	46	44	1	5	2·0
Malin Head	54	44	*	1	1	6·3
Renfrew	58	37	29	-	-	3·8
Inchkeith (Edin.)	57	46	43	Tr	-	2·9
Leuchars	58	45	42	0·1	-	3·6
Eskdalemuir	56	41	37	0·1	-	4·3
Tynemouth	62	47	44	6	1	*
Blacksod Point	57	47	*	0·2	Tr 2	4·5
Aldergrove	55	41	35	2	0·1	*
Donaghadee	58	46	*	0·2	0·3	*
Birr Castle	57	42	37	0·3	0·3	6·9
Holyhead	57	50	46	1	Tr	5·4
Liverpool (Bidston)	56	48	45	2	5	4·2
Chester (Sealand)	58	48	42	1	2	5·9
Harrogate	58	44	41	Tr	2	9·9
Spurn Head	60	46	*	Tr	6	7·8
Birmingham	60	45	41	3	0·2	7·6
Cranwell	61	43	43	Tr	9	~~6·8~~
Gorleston	64	45	44	-	2	10·0
Valentia Obs.†	59	48	44	0·3	1	8·8
Roches Point	59	45	*	Tr	-	*
Pembroke	58	45	*	-	0·6	6·1
Ross-on-Wye	61	44	38	0·4	-	5·9
Leafield	61	42	40	Tr	-	6·5
Cardington	63	46	43	-	0·4	7·7
Winchester	63	43	38	Tr	-	7·9
S. Farnborough	62	43	34	Tr	-	6·4
London (Kew)	63	48	40	0·1	0·1	7·8
Croydon	62	46	43	0·2	Tr	7·5
Manston	63	49	46	3	Tr	6·0
Shoeburyness	63	44	41	0·1	(Tr)	7·3
Clacton-on-Sea	65	46	43	2	-	9·5
Felixstowe	63	47	44	*	-	8·7
Scilly (St. Mary's)	61	49	*	-	0·6	10·2
Falmouth	60	49	*	0·2	Tr	9·2
Plymouth	60	47	43	2	2	7·4
Portland Bill	62	50	*	Tr	-	*
Calshot, S'hampton	63	44	39	5	-	6·3
Dungeness			*			
Lympne	64	42	35	3	-	6·3
Guernsey	61	52	49	1	0·1	9·0

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bcy	bcycpbc	cr₀	63	48	40	0·1	0·1	7·8	•	•	6
Croydon	244	bm₀bccpr₀	cpcbc	bcbcdd	62	46	43	0·2	Tr	7·5	•	•	6
Greenwich (Royal Observatory)	149	bcc	cpbc	bccr₀	64	47	41	Tr	Tr	6·4	59	79	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	5·2	•	•	•
Westminster (St. James' Park)	27	•	•	•	68	48	45	0·5		6·2	60	80	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	4·6	•	•	•
Camden Square	110	c	cbcb	•	63	48	*	-	Tr	•	•	84	•
Kensington Palace	80	bbc	bcpbc	•	64	48	41	2	0·3	•	At 18h. 69	83	•
Hampstead Observatory	450	bc	o	•	62	43	38	Tr	0·5	6·2	•	89	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 26th.

South Kensington. Max.	Time.	Min.	Time.
0·6	9h. 25m	<0·3	22h. 25m to 6h. 26m

Kew Observatory. Max.	Time.	Min.	Time.
0·1	Whole	period	

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 25th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 26th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1016·5	SW	2	c	57	1013·4	W	2	c	52	64	50	1	1
Brussels	1012·7	W	2	c	55	1010·2	WSW	2	c	48	64	46	1	2
Berlin	1012·0	WSW	1	2	55	1011·3	SSE	1	f	52	68	48	0·5	0·1
Zürich	1016·2	W	1	ir₀	55	1014·7	SW	1	c	50	61	46	5	0·3
Rome	1012·3	WSW	3	bc	66						68		-	

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ "
6	Moderate "	6½ "
7	Good "	12½ "
8	Very good "	31 "
9	Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

27th September 1930.

No. 25.146

OBSERVATIONS at 13h. G.M.T. 26th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1020.8	+16	NNE	5	bc	52	65	8	7	7	-	4-6	4-6	1500
Stornoway	1025.8	+10	NE	6	c/do	49	75	8	3	-	-	9+	9+	4000
Wick	1021.5	+20	NNE	8	c	52	85	8	8	6	-	4-6	7-8	1500
Tiree	1023.9	+12	N	7	b	53	75	8	4	-	-	1	1	2500
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018.0	+26	N	5	iro	52	85	7	6	7	-	7-8	9+	1500
Malin Head	1023.6	+4	N	6	bcjp	53	85	8	3	6	-	4-6	4-6	1500
Renfrew	1019.5	+8	N'E	3	c	55	65	8	5	5	-	4-6	4-6	4000
Inchkeith (Edin.)	1016.5	+8	NE	5	c	54	65	8	2	2	-	4-6	9+	4000
Leuchars	1017.7	+18	N	4	c	55	65	8	8	4	-	9	9+	1500
Eskdalemuir	1016.9	+14	N	5	iro	49	85	7	9	-	-	9	9	2500
Tynemouth	1010.8	+2	N	7	o/r	53	85	7	6	-	-	10	10	1500
Blacksod Point	1026.5	+6	NE	6	bc	52	65	8	9	-	-	4-6	4-6	800
Aldergrove	1021.6	+8	NW	5	bc	54	65	8	7	4	-	4-6	4-6	2500
Donaghadee	1020.4	+8	N'W	6	q	54	65	8	7	3	1	4-6	7-8	4000
Birr Castle	1023.4	0	N	2	c/pr	51	75	8	5	-	-	7-8	7-8	2500
Holyhead	1017.8	+6	N	6	cjp	55	65	8	8	3	-	7-8	9	2500
Liverpool (Bidston)	1015.8	0	NW'W	4	o	53	65	9	6	-	-	10	10	2500
Chester (Sealand)	1015.7	0	NNW	6	c	54	75	8	5	2	-	7-8	10	2500
Harrogate	1011.5	-6	NW	5	ir	50	85	7	6	2	-	9	10	2500
Spurn Head	1006.0	-4	NNW	7	rr	52	95	6	6	-	-	10	10	2500
Birmingham	1014.1	-2	NNW	5	c	51	75	6	6	1	-	7-8	9+	2500
Cranwell	1009.7	-10	NW	5	o	51	85	6	5	-	-	10	10	1500
Gorleston	1006.4	-10	WNW	4	roro	50	95	6	6	-	-	10	10	800
Valentia Obs.	1025.6	+2	N	4	c	54	65	8	5	-	-	9	9	2500
Roches Point	1022.7	-6	N	3	c	53	65	9	8	-	-	7-8	7-8	2500
Pembroke	1017.7	0	N	4	c/pr	50	95	8	9	8	-	4-6	7-8	1500
Ross-on-Wye	1015.1	0	NNW	4	c	53	65	8	4	-	-	9+	9+	4000
Leafield	1013.8	0	NW'N	6	o	50	75	8	5	-	-	10	10	2500
Cardington	1011.6	-6	NW'W	4	rr	51	75	6	6	2	-	7-8	10	2500
Winchester	1013.9	-8	NW'N	4	c/ro	51	75	8	5	-	-	7-8	7-8	4000
S. Farnborough	1013.2	-4	NW	4	o/ro	52	75	7	6	-	-	10	10	1500
London (Kew)	1012.5	-10	WNW	3	c	53	65	7	5	2	-	4-6	10	1500
Croydon	1012.7	-6	NW'W	4	c	51	75	6	5	-	-	9+	9+	1500
Manston	1010.2	-10	W'N	4	o	51	85	7	5	-	-	10	10	1500
Shoeburyness	1010.7	-12	NW	4	bc	55	75	8	4	7	-	2-3	4-6	5700
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1009.1	-10	NW'W	4	iro	53	75	8	6	-	-	9+	9+	1500
Scilly (St. Mary's)	1020.6	-4	N'W	6	c/pr	51	95	8	9	-	-	7-8	7-8	4000
Falmouth	1018.6	-6	NNW	4	bc	51	85	8	3	3	-	4-6	4-6	4000
Plymouth	1016.7	-6	N	4	bc	53	65	8	3	-	-	2-3	2-3	2500
Portland Bill	1015.0	-4	NW	4	c	55	55	8	4	7	-	4-6	7-8	2500
Calshot, S'hampton	1014.1	-6	NNW	5	c	55	65	8	7	9	9	4-6	7-8	2500
Dungeness														
Lympne	1011.3	-6	WNW	4	o/ro	47	95	5	5	-	-	10	10	1500
Guernsey	1016.4	-4	NW	2	bc	56	65	8	8	-	-	4-6	4-6	2500

OBSERVATIONS at 18h. G.M.T. 26th September — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 26th (37)	Weather 13h.–18h. 26th (38)	Weather 18h. 26th to 1h. 27th (39)	Weather 1h.–7h. 27th (40)
Lerwick	1023.7	+20	NNE	5	c	50	75	8	7	8	-	4-6	7-8	1500	0	•	bcq	bcc proq	bc	bc
Stornoway	1027.6	+8	N	3	c	47	65	8	4	-	-	9+	9+	4000	0	2	bcdoo	c	o	obc
Wick	1023.8	+20	N	8	c	50	85	8	8	6	-	4-6	7-8	1500	0	4	c	cbc	bcc	c
Tiree	1025.7	+18	N	6	b	50	75	8	4	-	4	1	1	2500	0	4	bcb	b	b	b
Nairn	1023.9	•	N'E	5	c	50	75	8	3	-	-	7-8	7-8	2500	0	•	bcq	q bcc	cprq	qc
Aberdeen	1021.7	+26	NNW	4	bc	50	75	7	7	-	-	4-6	4-6	2500	1	3	roroiro	ciroc	bc	bcc
Malin Head	1024.9	+10	N	6	bc	52	85	8	2	-	-	4-6	4-6	2500	0	4	bcpro	bcpo	bcpo	bc
Renfrew	1022.2	+18	NE'N	4	bc	52	65	8	7	-	-	4-6	4-6	4000	1	•	bbc	bcybc	bc	bc
Inchkeith (Edin.)	1019.7	+16	NNE	6	bc	52	65	8	-	4	9	-	4-6	-	0	4	bcc	cbc	bc	bcc
Leuchars	1021.2	+24	NNE	4	c	51	65	8	8	4	-	7-8	7-8	4000	1	•	cqc	cdocbc	bcbw	bccw
Eskdalemuir	1019.0	+14	N	5	c	48	75	8	5	-	-	7-8	7-8	2500	1	•	bcprociro	cproc	bcc	ciro
Tynemouth	1014.0	+20	NNE	7	o/r	53	85	6	6	-	-	10	10	1500	1	5	oirq	oiroc	oirq	oirq
Blacksod Point	1027.5	+2	NE	6	bc	53	65	8	9	-	-	4-6	4-6	2500	0	5	prq bc	bcq	bc	cq
Aldergrove	1022.7	+10	NNW	4	b	51	75	7	7	4	-	1	1	2500	1	•	bc	bcb	bwxbc	bc
Donaghadee	1021.0	+4	NNE	6	q	54	75	8	5	3	0	2-3	4-6	4000	0	4	bcq	bcq	bcq	bcq
Birr Castle	1023.8	+2	N	2	b	51	75	8	-	4	-	-	1	-	1	•	cbccproc	cpbcb	b	b
Holyhead	1018.0	+2	N	7	c	55	75	8	5	-	-	9+	9+	2500	1	4	bccprobc	c	co	oc
Liverpool (Bidston)	1015.9	+4	N'W	5	o	54	65	8	6	-	-	10	10	1500	0	•	ccvo	ccqv	cqbcb	bbc
Chester (Sealand)	1015.6	+2	N'W	5	q	54	75	7	5	-	-	9+	9+	2500	0	•	c,q	cq pro	c	cpro
Harrogate	1012.8	+10	NNW	6	rr	49	95	5	6	-	-	10	10	2500	1	•	ciro	corr	oqrr	oqrrocir
Spurn Head	1006.2	+14	N'E	7	c	55	95	7	3	2	1	4-6	7-8	2500	0	5	corr	oRrc	cbcpr	cprbc
Birmingham	1012.3	-6	NNW	5	iro	51	85	6	6	-	-	10	10	1500	1	•	bcc	coiro	oir	oc
Cranwell	1008.2	0	NNW	5	dd	52	95	5	6	-	-	10	10	450	1	•	crriromof	cirorrmo	odRbc	bcmocb
Gorleston	1002.1	-12	SW'S	3	ido	51	95	6	6	-	-	10	10	800	1	2	orrbcoro	ororoq	oid bcc	coRro
Valentia Obs.	1025.4	+2	N'E	4	c/pr	51	75	9	8	-	-	9	9	2500	1	2	cpoc pbcc	cpobcvy	bcpobc	bc
Roches Point	1022.0	-4	N	3	bc	53	65	9	3	-	-	2-3	2-3	2500	0	2	bccv	cvpbv	bcvb	bc
Pembroke	1018.0	0	N	4	pr•	53	95	8	8	-	-	9	9	1500	1	2	bccpq	cpbcq	oirq	cq
Ross-on-Wye	1013.9	-8	NW'N	4	o	52	75	8	5	-	-	10	10	2500	1	•	bbcc	cipo	cpocq	cq
Leafield	1012.1	-14	NW	6	iro	49	85	7	5	-	-	10	10	1500	1	•	c	ciro	croro	cro
Cardington	1008.5	-10	NW	5	roro	50	95	6	6	2	-	9	10	800	1	•	circrrmo	crrcmoirm	cbropRoir	orrmo
Winchester	1012.4	-6	WNW	4	iro	49	95	8	5	2	-	7-8	9+	2500	0	•	bccro	croprocro	cpr	cr
S. Farnborough	1011.3	-12	NW	4	iro	50	85	7	6	-	-	10	10	1500	1	•	bcwciro	cro	cRroir	Rcir
London (Kew)	1009.9	-16	WNW	3	ir	51	85	5	6	2	-	7-8	10	1500	1	•	cromoc	cmoir	cmorrc	circmo
Croydon	1010.7	-16	W'N	4	pro	49	95	4	6	2	-	9	10	800	1	•	cmododro	crororrm	crrmorom	oirocmo
Manston	1008.0	-10	W	4	rr	49	95	6	6	-	-	10	10	800	1	•	ciroorro	orrcorrmo	orrmoRcr	cr
Shoeburyness	1007.5	-24	WNW	4	c/ro	50	95	6	5	-	-	9+	9+	1500	1	•	crorbc	coromo	oro	oc
Clacton-on-Sea	1006.8	-20	W	4	c/r	50	95	6	6	-	-	9	9	450	1	2	cbc	coiroc	corc	c
Felixstowe	1005.4	-30	W'S	4	iro	51	95	6	6	-	-	10	10	800	1	3	cro	coiro	orrc	coiroc
Scilly (St. Mary's)	1019.5	+2	N'E	6	c	52	95	8	8	-	-	7-8	7-8	4000	1	3	bcp	cp	cpobc	bcc
Falmouth	1017.6	-6	N	4	bc	53	75	8	3	-	-	4-6	4-6	4000	1	2	cbcpoq	bcPq	bcpoq	bcpo cido
Plymouth	1016.3	+2	N	4	b	54	75	9	2	-	-	1	1	2500	1	1	bcbv	bv	bv	bbcq
Portland Bill	1014.4	0	NW'N	4	c	55	65	8	4	2	-	7-8	9	2500	0	3	c	c	c	cPc
Calshot, S'hampton	1013.0	-6	NW	4	iro	53	75	7	5	7	-	4-6	9	1500	0	2	bc	ccq	cprdodoq	cdodoroq
Dungeness																				
Lympne	1009.3	-10	W'N	4	ir	48	95	5	6	-	-	10	10	2500	1	•	cmocro	omoormo	ororrmo	oPRqc
Guernsey	1015.7	-4	NW	1	bc	54	65	7	8	-	-	4-6	4-6	2500	0	3	bccpr	bcpro	bcopr	opror

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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_0, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♈, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.

"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{20}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

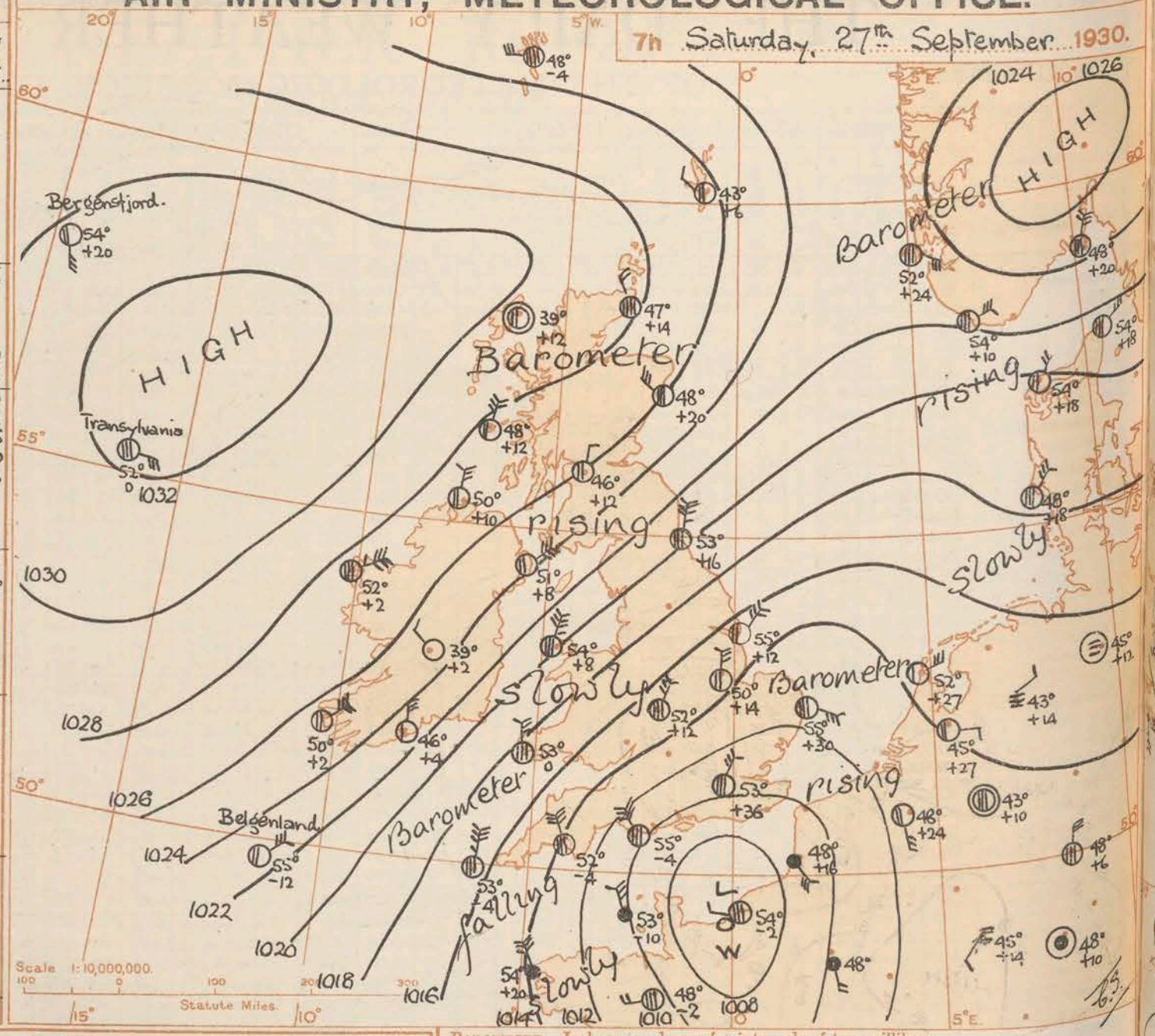
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 26th September 1930.

STATIONS.	WEATHER. Forenoon.	WEATHER. Afternoon.	TEMPERATURE. Min. 9h. 25th to 9h. 26th	TEMPERATURE. Max. 9h.—17h. 26th	RAINFALL. Night. 17h. 25th to 9h. 26th	RAINFALL. Day. 9h.—17h. 26th	SUNSHINE. Sunrise to 17h. 26th	SUNSHINE. Sunrise to Sunset. 25th
Dunbar ...	c	c	46	58	Trace	Trace	0.0	3.0
Berwick-on-T. ...	oR	ro	45	52	1	1	0.0	5.2
Douglas	c	u	44	55	–	Trace	3.3	6.3
Llandudno ...	c	c	49	56	0.4	–	0.5	2.9
Colwyn Bay ...	oro	roro	48	55	2	Trace	0.0	1.7
Rhyl	cpre	c	49	56	3	–	1.2	3.7
Wallasey ...	cbcc	c	49	55	2	–	0.6	3.9
Southport ...	ocbco	oco	48	55	3	–	1.6	3.8
Blackpool ...	c	c	48	55	0.2	–	1.1	3.5
Morecambe ...	cbc	bccbc	47	56	–	–	1.0	4.1
Ilkley	bcc	od	44	54	1	1	0.7	7.9
Cleethorpes ...	rro	orr	44	55	11	13	0.0	7.8
Mablethorpe ...	orrm	orro	45	55	5	7	0.0	7.9
Skegness... ...	bor	r	44	55	3	10	0.5	8.0
Aberystwyth ...	cprbc	bbc	47	55	6	–	6.2	3.9
Bath	bbcc	cir	46	55	1	Trace	4.0	7.2
Cheltenham .†	c	cpor	43	57	1	0.3	1.1	5.6
Leamington Spa	c	cbd	46	53	–	0.3	0.0	6.9
Lowestoft ...	obdic	obrod	45	52	5	1	0.4	10.3
Dovercourt ...	rbc	boc	46	60 55	1	2	0.0	9.5
Maldon	rc	coir	47	53	2	2	0.2	7.0
Southend ...	orc	cor	46	55	Trace	3	0.4	6.7
Ilfracombe ...	cbc	bcc	51	57	1	–	3.7	3.6
Bude	bc	bcb	48	59	2	(Trace)	5.4	5.6
St. Ives	o	bcbbc	49	54	–	1	2.2	7.7
Penzance ...	bc	cbcir	48	56	1	2	5.8	8.9
Torquay	bwbv	bcby	46	57	0.5	–	10.5	8.3
Jersey	rcb	cpbc	51	63	2	1	4.7	9.3
Weymouth ...	cb	cbc	44	59	–	–	5.6	7.9
Bournemouth ...	c	c	45	56	–	–	4.2	7.5
Ventnor	obcc	cbccu	45	56	–	–	4.0	8.5
Southsea ...	bcc	cbc	47	56	–	–	2.3	6.2
Bognor Regis ...	bc	bcidc	45	55	0.3	Trace	1.5	5.2
Littlehampton ...	bcc	cbcc	43	56	–	–	0.6	6.7
Worthing ...	co	crc	45	54	–	0.3	0.9	6.8
Brighton... ...	odc	bcpo	45	55	–	Trace	0.8	7.2
Eastbourne .†	oro	ocdro	45	55	–	1	0.6	7.2
Hastings †	coro	ocoro	43	53	6	2	0.2	7.2
Folkestone ...	wcp	cop	44	53	–	1	0.8	6.6
Dover	bccpc	corbc	47	53	–	1	1.0	6.2
Deal	bcor	or	46	54	–	2	0.5	6.3
Tunbridge Wells	opoc	copo	44	53	0.3	2	0.5	6.7
Ramsgate ...	cr	rorr	49	52	–	5	0.6	6.5
Margate	cr	cr	49	54	–	3	0.5	6.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Wind northeast or east, fresh or moderate; cloudy, with occasional rain or showers at first; brighter later; cool; perhaps ground frost locally at night.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind northerly, veering northeast, strong at first, moderating; cloudy, with occasional rain or showers at first, improving; cool.
8. N.W. England 9. N. Midlands 10. N.E. England	Wind northeasterly, fresh, or strong locally at first, moderating; cloudy; perhaps showers; brighter later; cool; ground frost locally at night.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind northeasterly, strong locally at first, moderating; mainly fair; cool; frost locally at night.
13. A. W. Scotld. B. N.W. Scotland.	As 15 - 16.
14. Mid-Scotland	As 11 - 13.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind variable, or westerly, moderate; mainly fair at first; perhaps showers later; cool; night frost locally.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind northeasterly, fresh or strong at first, moderating; mainly fair; cool; ground frost locally at night.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/10 clouded. ◑ Sky 1/10 to 1/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⚡ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression centred over Northern France will move away in a southerly direction and an anticyclone off Western Scotland will extend its influence eastwards, and will maintain cool winds from between north and east in most districts. Apart from occasional rain or showers at first in England, mainly fair weather is expected.

FURTHER OUTLOOK.

Perhaps showers in Northern Scotland and near the East Coast; otherwise mainly fair; cool.

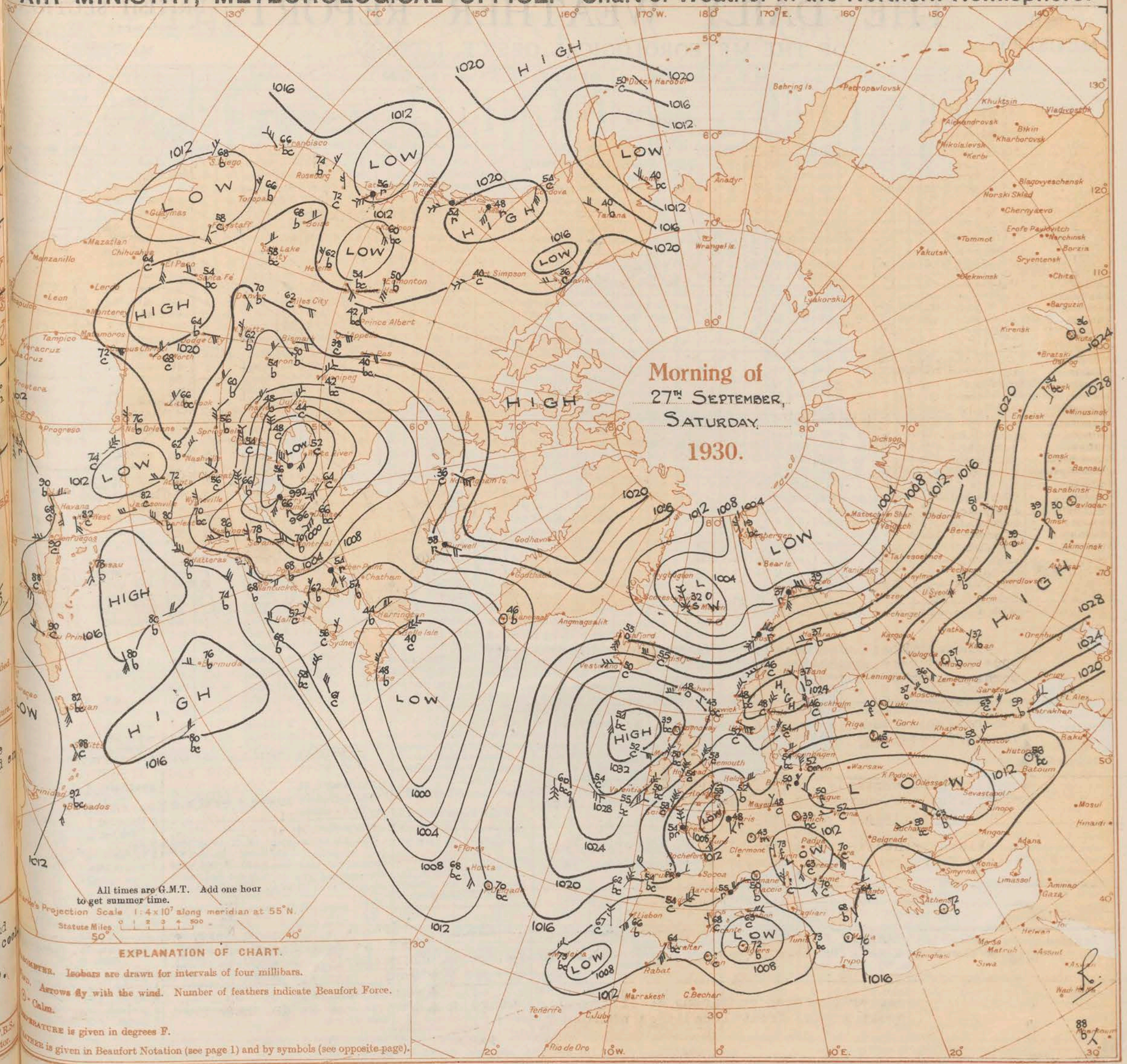
"Times of issue of Gale Warnings".

▼ South Cone at 16.55 on 24th in 8,12,17,20.
▲ North Cone at 0840 on 25th in 6,7,18.
▲ North Cone at 18.45 on 26th in 1,5,19.

Forecasts issued at 0930 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

○ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

27th September 1930.

No. 25.146

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

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1026.4	+8	NE	3	bc	47	75	8	4	-	-	4-6	4.6	1500
Stornoway	34	1028.7	+4	N	1	c	45	75	6	4	-	-	9+	9+	4000
Wick	81	1025.8	+10	NNW	5	c	49	75	8	8	2	-	4-6	10	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1025.7	0	N	6	bcjp	51	85	8	2	-	-	4-6	4-6	2500
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1022.9	+8	NE	4	bc	48	75	8	5	-	-	2.3	2-3	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1018.0	+12	NNE	7	ir₀	50 (52)	85	7	6	-	-	10	10	1500
Blacksod Point	10	1027.2	-2	NE	6	c	52	65	6	9	-	-	9	9	800
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1019.2	+2	NNE	7	o	54	75	7	5	-	-	10	10	2500
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1011.4	+8	NE'N	5	bc/pr	54	95	7	3	-	-	4-6	4.6	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1011.9	+14	N'E	5	bc	52	85	6	5	-	-	4-6	4-6	2500
Gorleston	14	1006.9	-20	E	3	c	55	95	7	2	2	-	2-3	10	4000
Valentia Obs.†	30	1024.4	0	NE	6	b	50	85	8	-	-	-	0	0	-
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1017.8	-2	N	4	id₀	53	95	7	3	2	-	7-8	10	800
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1007.1	-16	NW'N	3	o	52	95	6	5	-	-	10	10	450
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1018.7	-8	N'E	6	bc	53	95	8	2	-	-	2-3	2-3	4000
Falmouth	200	1017.1	-10	N'W	5	pr₀	53	85	7	3	-	-	4.6	4.6	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1011.2	-6	NNW	6	c	54	75	8	4	-	-	9+	9+	2500
Calshot, S'hampton	8	1008.7	-20	NW'W	6	d₀d₀	54	85	7	5	4	-	4.6	7.8	1500
Dungeness	20														
Lympne	347	1003.2	-20	NW'W	4	o/r	51	95	7	6	-	-	10	10	800
Guernsey	173	1012.9	-20	NW	3	rr	53	85	7	6	-	-	10	10	2500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1026.1	+6	NW	1	bc	43	85	8	7	3	-	2.3	4-6	2500	0	•
Stornoway	1029.5	+12	-	0	bc	39	85	7	1	4	1	2.3	4.6	4000	0	0
Wick	1028.4	+14	NNW	2	c	47	85	8	5	-	-	10	10	1500	0	3
Tiree	1027.8	+12	NNE	5	bc	48	65	9	5	-	-	2.3	2.3	4000	0	3
Nairn	1028.3	•	N'E	3	c	48	75	8	5	9	-	4-6	7.8	2500	0	•
Aberdeen	1026.7	+20	NW	3	c	48	75	8	5	3	-	2.3	9+	2500	1	2
Malin Head	1026.5	+10	NNE	4	bc	50	85	8	7	3	-	4.6	4-6	2500	0	3
Renfrew	1026.0	+12	NNE	2	bc	46	75	8	7	-	-	4-6	4-6	4000	1	•
Inchkeith (Edin.)	1024.6	+12	NE	5	c	49	75	8	5	2	-	2.3	9+	1500	0	3
Leuchars	1025.5	+10	N	4	c	48	65	8	5	-	-	9+	9+	2500	1	•
Eskdalemuir	1023.2	+10	NNE	5	ir₀	46	85	7	5	-	-	9+	9+	1500	1	•
Tynemouth	1020.7	+16	NNE	7	c	53	95	7	6	-	-	7-8	7-8	1500	1	5
Blacksod Point	1027.3	+2	ENE	7	c	52	65	8	-	3	-	0	10	-	0	5
Aldergrove	1025.7	+10	SSW	2	c	40	95	9	5	-	-	7-8	7-8	1500	1	•
Donaghadee	1024.2	+8	NE	6	q	51	75	8	5	2	-	4-6	4.6	4000	0	4
Birr Castle	1025.0	+2	NW	1	b	39	95	8	-	-	-	0	0	-	0	•
Holyhead	1019.6	+8	NE'N	7	c	54	85	7	4	8	-	9	9+	1500	1	5
Liverpool (Bidston)	1018.7	+8	N	4	bc	50	85	7	8	-	-	4-6	4-6	4000	0	•
Chester (Sealand)	1018.1	+14	NNW	3	c/pr₀	51	95	6	5	-	1	4-6	7.8	1500	0	•
Harrogate	1018.1	+14	N	4	ir	51	95	6	6	-	-	10	10	2500	1	•
Spurn Head	1014.4	+12	NE'E	5	bc	55	95	7	2	2	-	2.3	4-6	4000	1	5
Birmingham	1015.0	+12	NE	4	c	52	85	8	6	3	-	7-8	9	1500	1	•
Cranwell	1014.6	+14	N'E	4	bc	50	95	7	8	4	-	2.3	2.3	1500	1	•
Gorleston	1012.9	+30	SE'E	4	c	55	85	6	9	-	-	9	9	2500	1	3
Valentia Obs.†	1025.5	+2	NE	5	bc	50	65	8	6	-	-	2.3	2.3	2500	0	3
Roches Point	1023.2	+4	N	3	b	46	85	8	8	-	-	1	1	2500	0	0
Pembroke	1017.3	0	N	4	c	53	95	7	3	8	-	7.8	9+	1500	1	3
Ross-on-Wye	1014.1	+10	N	5	c	52	85	7	5	-	-	9+	9+	2500	1	•
Leafield	1012.8	+14	N'E	6	c	49	95	8	5	3	-	7.8	7.8	2500	1	•
Cardington	1011.8	+20	NNE	4	r₀r₀	51	95	6	6	-	-	10	10	800	1	*
Winchester	1009.8	+12	N	4	o/r	51	95	7	5	-	-	10	10	800	1	•
S. Farnborough	1009.8	+22	N'E	4	c/pr	51	95	7	6	-	-	9+	9+	450	1	•
London (Kew)	1010.4	+36	NE'N	4	c	53	95	6	5	3	-	9	9+	800	1	•
Croydon	1010.0	+30	NE	3	z	52	95	6	5	-	1	7.8	9	450	1	•
Manston	1010.1	+32	E	3	c	52	85	8	6	-	-	9+	9+	4000	1	•
Shoeburyness	1010.3	+20	E'S	4	c	54	85	8	4	7	-	9+	10	1500	1	•
Clacton-on-Sea	1010.3	+30	E	4	c	55	85	7	3	4	-	4.6	7.8	450	0	3
Felixstowe	1011.1	+30	E'S	4	c	55	75	8	3	3	9	2.3	7.8	2500	1	3
Scilly (St. Mary's)	1016.9	-4	N'E	7	c/pr	53	95	7	9	-	-	9	9	4000	0	4
Falmouth	1015.5	-6	N	5	id₀	53	85	7	6	1	-	7.8	9	2500	1	2
Plymouth	1013.9	-4	NNW	6	c	52	85	8	6	7	-	2.3	7.8	4000	1	2
Portland Bill	1009.9	-4	N'W	6	c	55	75	8	4	7	-	7.8	9+	2500	1	4
Calshot, S'hampton	1008.3	-6	N	5	c	53	85	7	5	6	-	7.8	9	1500	1	3
Dungeness																
Lympne	1008.8	+42	E	4	c	50	85	8	8	-	-	9	9	2500	1	•
Guernsey	1010.6	-10	NNW	4	rr	53	85	5	6	-	-	10	10	1500	2	3

PAST 24 HOURS.

Stations.	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 26th Hrs. (36)
Lerwick	52	42	*	Tr	-	8.1
Stornoway	52	37	*	0.2	-	3.1
Wick	52	47	*	-	-	*
Tiree	53	47	42	-	-	8.5
Nairn	53	46	*	-	0.5	1.1
Aberdeen	52	47	43	1	-	0.3
Malin Head	53	50	*	0.1	Tr	7.3
Renfrew	57	44	34	-	-	4.8
Inchkeith (Edin.)	54	47	44	-	-	0.2
Leuchars	55	44	35	Tr	-	0.8
Eskdalemuir	51	44	42	0.3	Tr	3.1
Tynemouth	54	51	48	2	3	•
Blacksod Point	54	~~46~~ 51	•	0.2 (0.25)	-	•
Aldergrove	55	38	27	Tr	Tr	8.8
Donaghadee	56	50	•	-	-	•
Birr Castle	54	38	29	1	-	7.2
Holyhead	56	52	50	Tr	-	4.5
Liverpool (Bidston)	54	49	47	-	-	0.4
Chester (Sealand)	55	50	46	Tr	Tr	1.0
Harrogate	51	48	48	4	19	0.0
Spurn Head	55	51	*	11	2	0.0
Birmingham	51	49	47	Tr	2	0.6
Cranwell	52	49	46	4	0.5	0.1
Gorleston	~~58~~ 53	50	~~56~~ 46	4	13	0.0
Valentia Obs.†	55	47	43	0.5	Tr	5.6
Roches Point	58	45	•	~~10~~	-	•
Pembroke	56	50	*	3	3	4.3
Ross-on-Wye	53	50	47	~~0.1~~ Tr	Tr	3.5
Leafield	51	48	47	0.4	3	0.6
Cardington	52	50	48	2	12	0.1
Winchester	54	48	47	0.1	4	3.6
S. Farnborough	52	49	48	0.2	2	0.1
London (Kew)	53	51	49	1	3	0.1
Croydon	52	49	49	3	5	0.0
Manston	53	48	48	5	13	0.5
Shoeburyness	56	49	48	3	9	0.7
Clacton-on-Sea	54	49	49	2	8	1.2
Felixstowe	53	50	49	3	7	0.8
Scilly (St. Mary's)	54	51	*	0.5	Tr	4.6
Falmouth	55	52	*	1	0.1	8.4
Plymouth	57	51	49	-	-	9.7
Portland Bill	57	51	*	-	1	•
Calshot, S'hampton	56	51	48	Tr	0.6	3.7
Dungeness			*			•
Lympne	50	47	46	2	15	0.2
Guernsey	57	~~57~~ 53	~~50~~ 50	0.5	5	6.7

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations.

Station	Height above M.S.L. in feet.	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	cr₀m₀c	cm₀ir	cm₀rrirc	53	51	49	1	3	0.1	•	•	6
Croydon	244	cm₀d₀d₀r₀	cr₀r₀rrm	rrmpir₀m	52	49	49	3	5	0.0	•	•	5
Greenwich (Royal Observatory)	149	cr₀idc	crd	rreddc	54	51	48	3	6	0.0	87	81	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.1	•	•	•
Westminster (St. James' Park)	27	•	•	•	57	49	48	7		0.1	85	79	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	orc	coor	•	52	51	*	2	5	•	•	85	•
Kensington Palace	80	coor	oro	•	53	50	47	2	4	•	At 18h. 86	86	•
Hampstead Observatory	450	orp	or	•	50	47	44	6	3	0.0	•	89	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 27th

South Kensington.

Max.	Time.	Min.	Time.
Defective		Record	

Kew Observatory.

Max.	Time.	Min.	Time.
0.3	14h. 26th	<0.1	0-2h. 27th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 26th September Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 27th September Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1015.1	W'N	2	c	52	1010.5	S	1	r₀r₀	48	59	48	Tr	3
Brussels	1009.8	SSW	2	c/pr	46	1012.7	SSE	3	bc	48	57	43	1	0.1
Berlin	1012.2	ESE	1	m	57	1014.4	NE	2	r₀r₀	50	63	50	0.1	0.4
Zürich	1011.6	N	1	c	54	1013.1	E	1	c	46	63	45	-	2
Rome						1012.1	SSW	2	o	70		64		5

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6¼ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr observations are from Valentia W/T station.

ION

1930.

RS.

(rain) LL. Night 7h-7h mm. (35)	SUNSHINE 26th Hrs. (36)
-	8.1
-	3.1
-	•
-	8.5
0.5	1.1
-	0.3
Tr	7.3
-	4.8
-	0.2
-	0.8
Tr	3.1
3	•
Tr	8.8
-	•
-	7.2
-	4.5
-	0.4
Tr	1.0
19	0.0
2	0.0
2	0.6
0.5	0.1
13	0.0
Tr	5.6
-	•
3	4.3
Tr	3.5
3	0.6
12	0.1
4	3.6
2	0.1
3	0.1
5	0.0
13	0.5
9	0.7
8	1.2
7	0.8
Tr	4.6
0.1	8.4
-	9.7
1	•
0.6	3.7
	•
15	0.2
5	6.7

S, etc.

2.—Code for visibility. not visible at 55 yards. 220 " 550 " 1,100 " 1¼ miles. 2½ " 6¼ " 12½ " 31 " beyond 31m.

—Code for Sea. Very rough. High. Very high. Precipitous. Confused.

rector.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

28th September 1930.

No. 25.147

OBSERVATIONS at 13h. G.M.T. 27th September

Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1028.1	+6	WNW	2	c	52	75	8	8	6	-	4-6	9	2500
Stornoway	1030.4	0	-	0	c	54	65	8	4	4	-	7-8	9+	4000
Wick	1022.6	+6	W	2	c	50	75	8	5	6	-	4-6	9	2500
Tiree	1029.0	+2	NE	4	b	53	65	9	5	-	5	Tr.	1	4000
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1029.2	+12	NNW	3	o	51	75	8	5	-	-	10	10	2500
Malin Head	1027.8	+2	NE	4	b	53	85	8	1	-	1	Tr.	1	4000
Renfrew	1028.2	+10	NEN	3	c	54	65	8	5	-	-	9+	9+	4000
Inchkeith (Edin.)	1025.5	+12	NE	6	c	52	75	8	5	2	-	2-3	9	1500
Leuchars	1027.9	+10	NE	3	c	54	65	8	5	-	8	9	9+	2500
Eskdalemuir	1026.4	+16	NNE	5	ir₀	48	85	7	5	-	-	10	10	1500
Tynemouth	1024.1	+16	NNE	4	c	55	85	7	6	-	-	7-8	7-8	1500
Blacksod Point	1027.6	0	NE	7	bc	54	65	9	4	8	-	4-6	4-6	4000
Aldergrove	1026.1	-2	NNE	5	bc	54	65	8	5	3	-	2-3	4-6	2500
Donaghadee	1026.0	+6	N	6	q	54	75	8	5	3	-	4-6	4-6	4000
Birr Castle	1024.8	+2	NNE	1	c	54	75	8	4	-	-	9+	9+	4000
Holyhead	1020.6	+6	NEN	7	bc	56	85	7	5	-	1	4-6	4-6	1500
Liverpool (Bidston)	1020.1	+2	NNE	4	bc	57	65	5	8	-	-	4-6	4-6	4000
Chester (Sealand)	1019.6	+8	NE	4	bc	58	65	6	7	-	-	4-6	4-6	4000
Harrogate	1021.1	+14	NE	4	pr	56	75	7	9	-	-	2-3	2-3	2500
Spurn Head	1019.5	+12	ENE	4	bc	59	85	7	2	1	1	2-3	2-3	4000
Birmingham	1017.4	+10	ENE	4	cjp	55	75	6	6	4	-	4-6	7-8	2500
Cranwell	1018.9	+18	ENE	4	c	58	85	8	8	-	-	7-8	7-8	2500
Gorleston	1017.3	+20	E	4	bc	58	85	7	1	-	-	4-6	4-6	4000
Valentia Obs.	1024.6	-6	NEN	4	bc	55	55	9	1	-	-	1	9+	2500
Roches Point	1022.6	-2	N	3	c	56	65	9	8	-	-	7-8	7-8	2500
Pembroke	1017.8	0	N	4	q	57	95	7	9	-9	-	9+	9+	1600
Ross-on-Wye	1016.0	+8	NEE	5	q	56	75	7	7	-	-	9	9	4000
Leafield	1015.9	+14	NEE	4	ir₀	52	85	8	8	-	-	7-8	7-8	2500
Cardington	1016.3	+26	ENE	4	t	55	75	7	9	-	-	10	10	1500
Winchester	1013.4	+14	NE	4	c	57	75	8	8	-	-	7-8	7-8	2600
S. Farnborough	1013.8	+18	NE	4	c	58	65	7	8	-	-	7-8	7-8	1500
London (Kew)	1014.7	+24	ENE	4	c	53	65	6	2	-	-	7-8	7-8	2500
Croydon	1014.5	+18	ENE	4	c	57	75	7	8	3	-	4-6	7-8	2600
Manston	1014.8	+22	E	4	c	57	75	7	7	-	-	9	9	2500
Shoeburyness	1015.8	+26	E	5	c	59	75	8	2	6	-	2-3	9	2500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1016.7	+26	EN	5	bc	59	65	9	2	-	-	4-6	4-6	2500
Scilly (St. Mary's)	1016.4	-8	NNE	7	c	58	95	7	8	6	-	4-6	7-8	4000
Falmouth	1015.3	0	N	6	c	58	75	8	2	-	-	7-8	7-8	4000
Plymouth	1013.6	+2	NNE	5	c	58	75	7	9	-	1	9+	9+	4000
Portland Bill	1012.0	+8	NNE	6	c	67	75	7	8	-	-	9+	9+	2500
Calshot, S'hampton	1012.6	+16	ENE	5	bc	59	65	7	8	-	-	4-6	4-6	1500
Dungeness														
Lympne	1014.1	+10	E	5	z	55	75	6	5	-	-	9+	9+	1500
Guernsey	1002.6	-2	NNE	4	o/pr	56	85	7	5	-	-	10	10	1600

OBSERVATIONS at 18h. G.M.T. 27th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1027.8	+6	W	2	c	51	75	8	5	7	-	4-6	9+	1500	0	•
Stornoway	1030.4	+2	N	1	c	50	85	9	4	7	1	2-3	7-8	4000	0	0
Wick	1029.4	-4	W	2	c	49	95	8	5	4	-	7-8	10	2500	0	2
Tiree	1029.0	+2	NNE	3	c	52	75	9	4	3	1	Tr.	9+	4000	0	3
Nairn	1030.0	•	-	0	c	47	85	8	2	-	9	4-6	7-8	4000	0	•
Aberdeen	1029.9	+4	NNW	2	c	48	75	8	5	-	-	9+	9+	2500	1	1
Malin Head	1028.1	+4	NEN	4	c	53	85	8	4	-	6	1	9	4000	0	2
Renfrew	1028.7	+6	ENE	3	c	52	75	6	5	-	-	9+	9+	4000	1	•
Inchkeith (Edin.)	1027.8	+14	NE	6	c	50	85	8	5	2	-	2-3	9	1500	0	4
Leuchars	1029.5	+10	NE	3	c	49	75	8	4	7	-	7-8	9+	1500	1	•
Eskdalemuir	1028.2	+12	NNE	4	ir₀	47	85	7	5	-	-	10	10	1500	1	•
Tynemouth	1026.1	+10	NE	4	c	54	95	7	6	-	-	7-8	7-8	1500	0	4
Blacksod Point	1028.0	+4	NE	7	bc	53	75	9	-	4	2	0	4-6	-	0	6
Aldergrove	1027.4	+10	NNE	3	c	51	75	7	5	9	8	2-3	7-8	5700	0	•
Donaghadee	1026.5	+10	NNE	4	q	54	75	8	5	3	-	4-6	7-8	4000	0	3
Birr Castle	1025.2	+2	NE	1	o	53	75	8	5	-	-	10	10	2500	0	•
Holyhead	1022.3	+16	NE	6	b	57	85	6	5	3	-	Tr.	Tr.	1500	0	4
Liverpool (Bidston)	1022.7	+16	NEN	4	bc	55	75	6	5	-	-	2-3	2-3	2500	0	•
Chester (Sealand)	1022.1	+20	NNE	2	b	52	75	6	5	-	-	1	1	5700	0	•
Harrogate	1023.9	+14	NE	3	c	53	95	7	6	1	-	9+	10	2500	1	•
Spurn Head	1021.3	+6	NEN	4	bc	55	95	7	6	1	-	2-3	4-6	2600	0	4
Birmingham	1020.6	+18	ENE	3	b	54	75	5	5	-	-	1	1	2500	1	•
Cranwell	1021.4	+14	NEN	3	c	52	85	7	7	-	-	7-8	7-8	4000	1	•
Gorleston	1019.2	+8	NEN	4	bc	56	95	7	-	4	-	0	4-6	-	1	3
Valentia Obs.	1024.5	+4	NEE	4	bc	54	65	9	7	3	4	2-3	4-6	2600	0	2
Roches Point	1022.6	0	N	3	bc	55	75	9	5	-	-	4-6	4-6	2500	0	0
Pembroke	1019.2	+6	NE	3	q	55	95	7	8	7	-	2-3	4-6	1500	1	2
Ross-on-Wye	1019.1	+20	ENE	4	b	53	85	7	9	-	-	1	1	4000	1	•
Leafield	1019.2	+20	NE	4	b	52	75	8	-	3	-	0	1	-	1	•
Cardington	1019.6	+18	NE	3	c	52	85	7	9	2	-	7-8	10	800	1	•
Winchester	1017.1	+20	NE	4	bc	52	75	8	4	-	-	2-3	2-3	2500	1	•
S. Farnborough	1017.3	+22	NEE	3	b	53	75	6	8	-	-	1	1	2500	1	•
London (Kew)	1019.4	+32	NE	3	bc	56	65	6	4	-	-	2-3	2-3	2500	1	•
Croydon	1017.7	+18	ENE	2	z	54	85	5	3	-	-	2-3	2-3	2600	1	•
Manston	1016.9	+10	ENE	3	bc	55	85	6	3	-	-	4-6	4-6	4000	1	•
Shoeburyness	1018.1	+20	NE	3	c	55	85	8	2	6	-	9+	?	1500	0	•
Clacton-on-Sea	1018.0	+10	NE	4	bc	57	75	7	3	-	-	4-6	4-6	800	0	3
Felixstowe	1018.3	+10	NNE	4	tlr₀	55	75	7	3	-	-	7-8	7-8	2500	1	3
Scilly (St. Mary's)	1016.1	+6	NNE	7	pr	54	95	7	8	4	-	7-8	9	4000	1	4
Falmouth	1015.3	0	NE	4	bc	56	75	7	1	6	-	2-3	4-6	4000	0	2
Plymouth	1015.2	+14	NNE	4	c/pr	55	85	8	9	-	-	9	9	4000	1	1
Portland Bill	1014.0	+12	ENE	7	pr	56	75	8	8	7	-	7-8	9+	1500	1	4
Calshot, S'hampton	1016.2	+26	NE	4	cjp	55	75	7	8	-	-	7-8	7-8	1500	0	2
Dungeness																
Lympne	1017.4	+20	ENE	4	tlr₀	53	85	5	9	-	-	9+	9+	1500	1	•
Guernsey	1011.4	+16	ENE	4	c	56	85	7	5	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

Stations	Weather 7h.–13h. 27th (37)	13h.–18h. 27th (38)	18h. 27th to 1h. 28th (39)	1h.–7h. 28th (40)
Lerwick	bcc	c	c	c
Stornoway	bcc	c	oc	c
Wick	c	c	c	c
Tiree	b	b,c	c	c
Nairn	cbc	bcc	cw	c
Aberdeen	c	c	c	c
Malin Head	bcb	bbcc⊕	cbc	bcc
Renfrew	bcc	cbccm	cbcw	bccw
Inchkeith (Edin.)	co	c	cbc	bcc
Leuchars	cwc	c	c cw	cwc
Eskdalemuir	cpr₀ oir₀	oir₀	oir₀	oid₀
Tynemouth	cpq	cq	cp₀q	co
Blacksod Point	bc	bc	bc	bc
Aldergrove	vbc	c	bcb	bwbc
Donaghadee	bcq	bccq	bc	bcb
Birr Castle	bbcc	co	or₀	oc
Holyhead	cbc	bcb	bbcb	bm bc
Liverpool (Bidston)	bcobciD	bcbc	bbc	cbc
Chester (Sealand)	cpr₀ m₀	bcb	pr₀ b	bbcpr
Harrogate	ocbcir	bcc	c	cbc
Spurn Head	cbc	bcc	bcw	bcc
Birmingham	cpr	pr₀bc	bbcc	cpr
Cranwell	bcir₀c	b!cbbc	bcc	c
Gorleston	cbcq	bcprq	bcotlr	orrtlq
Valentia Obs.	bcbvy	bbcv	bcbvw	bwbcw
Roches Point	bccv	cvbcv	bcvbw	bbcw
Pembroke	cpq	cpqbc	bc b	b
Ross-on-Wye	cbcc	cbcPbcb	b o	op₀o
Leafield	cir₀	cPHRbc	bbc	pr c
Cardington	cur₀t	prcbcjpcb	cpr	cd₀cr₀m
Winchester	c	cpr₀c	bccRc	cr₀
S. Farnborough	c	cp₀b	bctlrp	bcp
London (Kew)	cz₀	cbz₀	bm p₀cm	cm r₀cm
Croydon	cmrbc	bccprbc	bmctlPR	bmccmr₀r
Manston	cpr₀c	cpr₀bctl	bcctlrr	cbcprcm
Shoeburyness	c	c	coitr	oiRo
Clacton-on-Sea	cbc	bc	bccplcl	clrrc
Felixstowe	cpr₀bc	bcvtlcpr₀	cprorc	ctlr orr
Scilly (St. Mary's)	cp₀	c	cp₀bc	cbc
Falmouth	cir₀bcq	bcqbc	bcp₀q	bcq
Plymouth	cprbcq	bqcpr₀	cqb	bcbq
Portland Bill	cidc	ciPopr	b	bbc
Calshot, S'hampton	cq	bcqbjp	cbccblbw	bwbcwm₀
Dungeness				
Lympne	cm₀	cprbcctlr	ctlrbclb	blbccm₀w
Guernsey	Rqpr	oprc	cbc	pbc

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ♁, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "t r" signifies a small amount of cloud (trace) covering less than 1/10 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

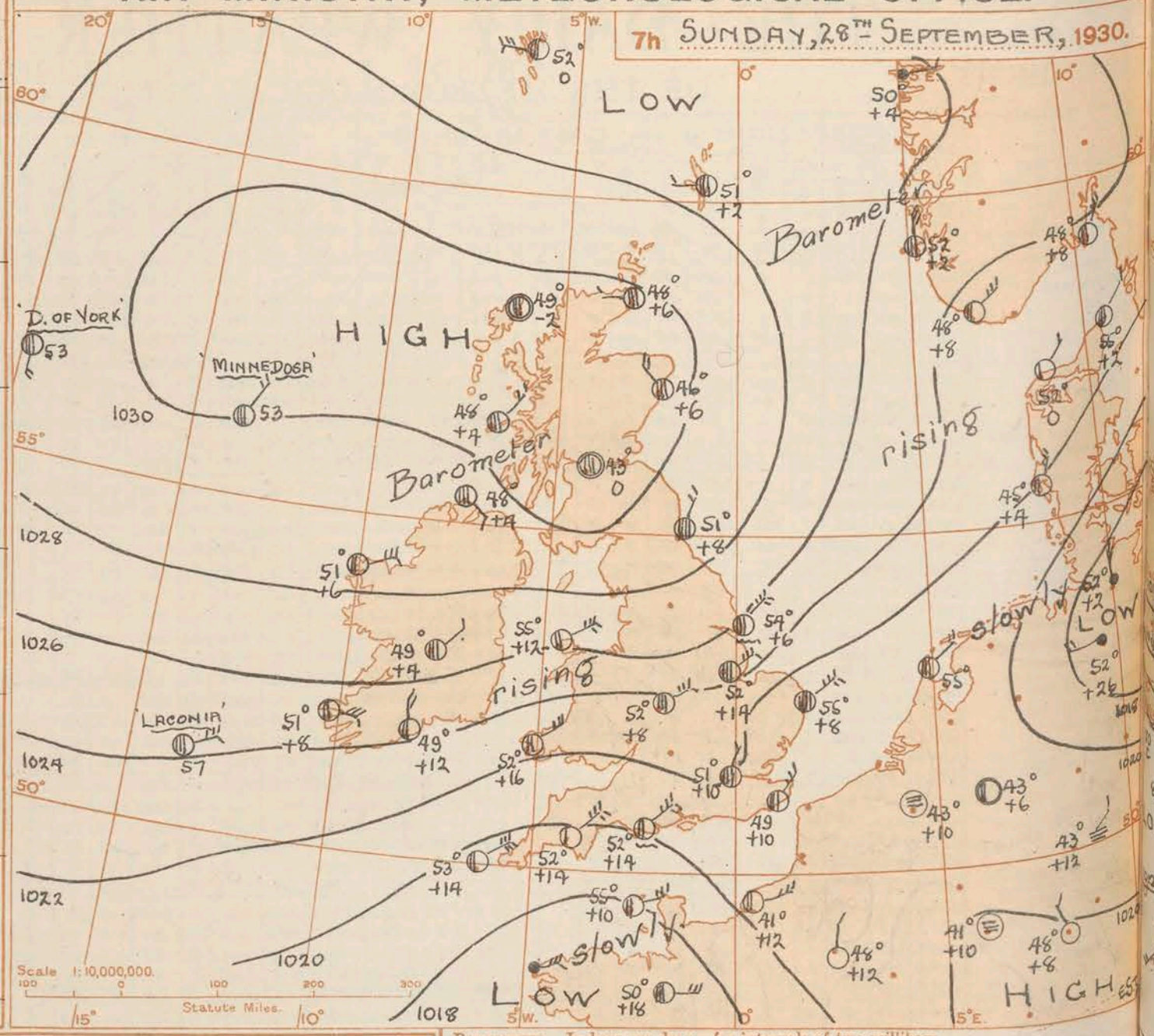
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 27th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 26th to 9h. 27th	Temperature. Max. 9h.—17h. 27th	Rainfall. Night 17h. 26th to 9h. 27th	Rainfall. Day 9h.—17h. 27th	Sunshine. Sunrise to 17h. 27th	Sunshine. Sunrise to Sunset. 26th
Dunbar ...	o	o	50	52	-	-	0.0	0.0
Berwick-on-T. ...	or.	o	49	52	0.4	0.2	0.0	0.0
Douglas	bcq	bc	47	56	-	-	7.6	3.3
Llandudno ...	cbbc	crcb	50	60	-	0.3	6.5	0.5
Colwyn Bay ...	obco	obcbc	49	58	-	-	5.5	0.0
Rhyl	cbcpo	bcb	52	60	-	Trace	6.5	1.2
Wallasey ...	bccp	cbccb	49	60	-	0.5	6.3	0.6
Southport .‖	bcp	cpc	49	60	-	0.4	5.7	1.6
Blackpool ...	cbc	bc	50	61	-	-	5.7	1.1
Morecambe ...	crpb	b	51	59	Trace	0.3	6.0	1.0
Ilkley	bcp	p	54	60	13	3	3.5	0.7
Cleethorpes ...	oc	cbco	44	59	2	-	4.7	0.0
Mablethorpe ...	or.qoc	cbcm	48	58	Trace	0.3	4.5	0.0
Skegness... ...	r	robo	46	60	3	3	4.2	0.5
Aberystwyth ...	c	cbc	52	59	-	-	3.7	6.2
Bath	cdo	cbcpb	52	59	3	2	3.0	4.0
Cheltenham .†	coirc	cpbc	49	58	2	3	4.6	1.1
Leamington Spa	orc	cpbc	51	58	2	Trace	3.7	0.0
Lowestoft ...	cibc	bcic	46	59	4	-	7.3	0.4
Dovercourt ...	rbc	bc	46	59	7	-	6.5	0.0
Maldon	cbc	bc	49	59	7	-	7.0	0.2
Southend ...	cbc	b	47	59	8	-	5.9	0.4
Ilfracombe ...	ocbc	bcc	51	60	-	-	0.9	3.7
Bude	pbc	cbcpe	49	59	Trace	Trace	2.6	5.4
St. Ives	o	c	48	57	-	-	0.0	2.9
Penzance ...	cbc	cbcpr	50	60	0.5	0.2	3.8	5.8
Torquay	ompc	cbccjp	52	60	0.2	-	1.8	10.8
Jersey	cr	cr.	51	58	13	24	0.1	5.3
Weymouth ...	cbcc	bcpbc	50	60	1	Trace	3.6	5.8
Bournemouth ...	c	c	49	59	2	-	3.0	4.2
Ventnor	pcou	ourou	49	57	0.3	1	0.7	4.0
Southsea ...	bbcc	bbcp.	50	60	0.4	Trace	3.2	2.3
Bognor Regis ...	bcbc	c	49	57	0.5	-	0.8	1.5
Littlehampton ...	bcc	cpbc	50	56	1	0.5	1.2	0.6
Worthing ...	coc	or.c	49	57	4	0.3	0.6	0.9
Brighton... ...	cbc	pcbc	49	56	6	Trace	0.8	0.8
Eastbourne .†	or.o	oirbc	50	56	2	Trace	0.9	0.6
Hastings †	copbc	cocb	48	56	7	0.3	0.8	0.2
Folkestone ...	o	orbc	48	59	14	2	3.0	0.8
Dover	cpcbc	cpbl	48	59	11	0.3	2.6	1.0
Deal	ocbc	bcc	47	58	16	-	2.6	0.5
Tunbridge Wells	oc	copbc	47	56	4	0.5	1.8	0.5
Ramsgate ...	cbc	bcc	47	58	18	-	5.3	0.6
Margate	bc	bcph	48	59	16	0.3	5.9	0.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◐ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. ⊤ Thunder. ⊻ Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 28th Sep., 1930.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate northeasterly wind, cloudy at first with occasional local showers, fair later, moderate temperature, local ground frost inland at night.
5. S.W. England 6. South Wales	Fresh northeast to east winds, moderating, mainly fair, moderate temperature; slight ground frost 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	Moderate northeasterly wind, mainly fair, moderate day temperature; local ground frost at night.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate variable winds; mainly fair; moderate day temperature, slight ground frost inland at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate easterly winds; fair; moderate day temperature; ground frost inland at night.

GENERAL INFERENCE.

An anticyclone off the Northwest of the British Isles is extending eastwards and southeastwards. Further depressions are indicated over the Western Atlantic Ocean. Weather will be mainly fair, apart from occasional local showers in Eastern England.

FURTHER OUTLOOK.

Mainly fair.

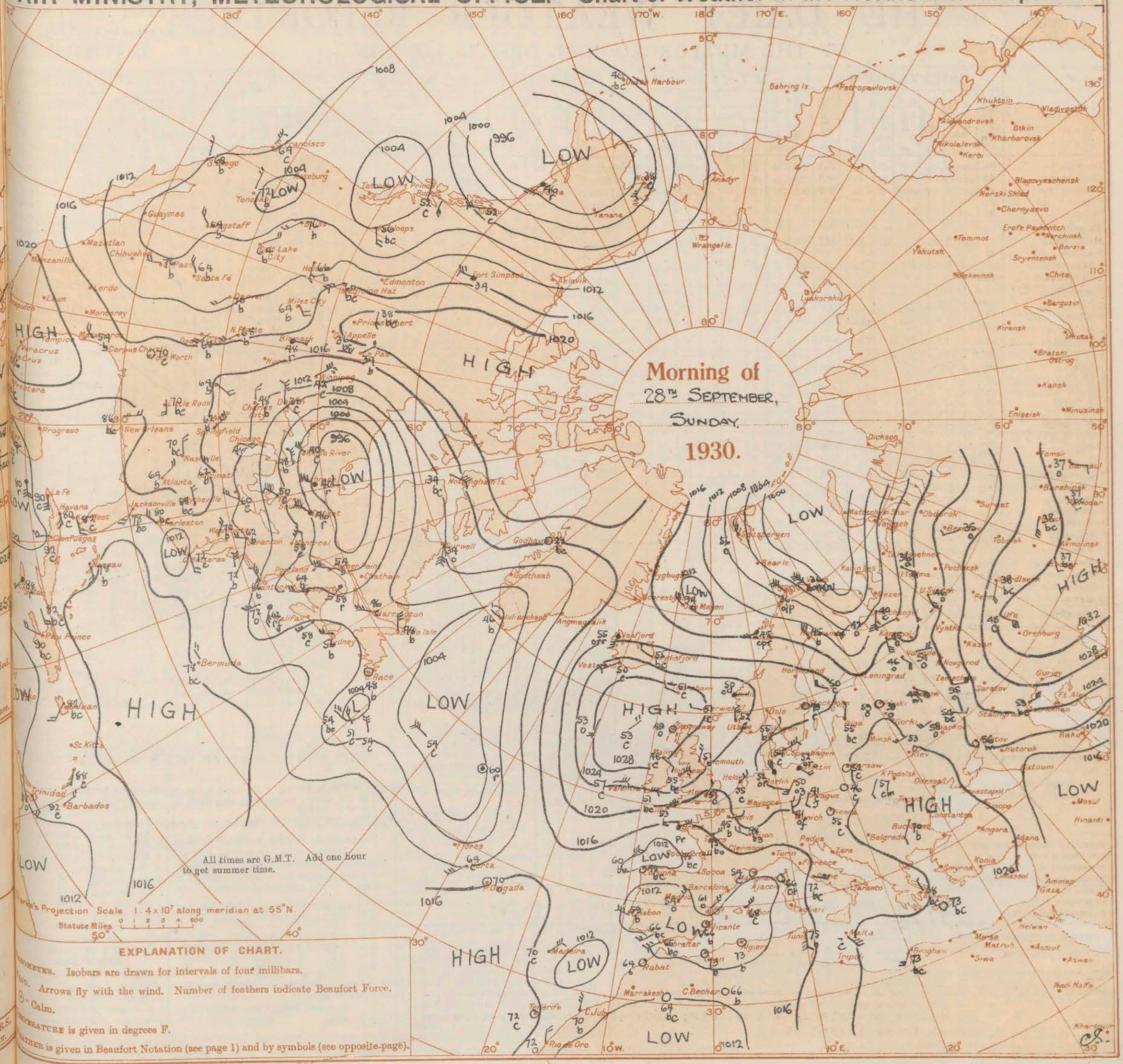
C.A.K.

Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

28th September 1930.

No. 25.147

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

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Cloud. Height of Base. (feet) (14)
Lerwick	54	1027.6	-6	-	0	c	50	76	8	5	2	-	4.6	10	1500
Stornoway ...	34	1030.6	-4	-	0	c	49	76	6	4	-	-	7.8	7.8	4000
Wick	81	1029.8	-4	WNW	2	c	49	85	8	5	1	-	4.6	7.8	2500
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head ...	51	1028.9	0	-	0	bc	55	95	7	5	-	-	2.3	2.3	1500
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Inchkeith (Edin.)	190	1029.5	+4	NE	4	bc	49	85	8	6	4	-	2.3	4.6	1500
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth ...	67	1027.5	+4	NNE	3	c	53	85	8	6	-	-	7.8	7.8	1500
Blacksod Point ...	10	1028.3	+2	NE	5	bc	53	85	7	-	4	-	0	4.6	-
Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead... ..	26	1024.7	+2	ENE	5	b	55	85	6	4	-	-	1	1	1500
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate... ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head ...	29	1022.9	+2	NE	5	bc	54	95	7	-	2	-	0	4.6	-
Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	241	1023.3	+8	NE'N	4	0	53	95	7	5	-	-	10	10	1500
Gorleston	14	1020.6	+2	N'E	4	tlr	53	95	6	6	-	-	10	10	1500
Valentia Obs.+ ...	30	1024.3	0	NE	6	b	50	95	7	-	-	-	0	0	-
Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke... ...	150	1021.5	+2	NE	3	b	51	95	7	7	-	-	Tr.	Tr.	4000
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cardington ...	100	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester ...	272	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1020.2	0	NE	2	m	47	95	4	-	-	-	0	0	-
Manston	136	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	55	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scilly (St. Mary's)	163	1017.0	0	NE	6	bc	53	95	7	5	-	-	4.6	4.6	4000
Falmouth... ...	200	1016.6	+10	NE'N	6	bc	53	75	7	3	-	-	4.6	4.6	4000
Plymouth... ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill ...	32	1018.1	+6	NE	6	b	52	85	7	-	-	-	0	0	-
Calshot, S'hampton	8	1018.8	0	N'E	3	b	50	85	7	-	-	-	0	0	-
Dungeness ...	20														
Lympne	347	1019.5	+6	NE	3	b	46	95	7	-	-	-	0	0	-
Guernsey	173	1015.6	+20	ENE	3	bc	53	85	8	5	-	-	4.6	4.6	2500

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

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1027.9	+2	W	1	c	51	85	8	5	2	-	4.6	10	1500	0	*
Stornoway ...	1030.5	-2	-	0	c	49	75	9	4	1	-	9	10	4000	0	0
Wick	1030.2	+6	W	1	c	48	85	8	5	6	-	4.6	9	2500	0	2
Tiree	1030.4	+4	NE	2	c	48	85	9	-	7	6	0	9	-	0	1
Nairn	1030.7	*	-	0	c	45	85	8	5	-	-	7.8	7.8	4000	0	*
Aberdeen	1030.2	+6	NW'W	2	c	46	95	8	5	-	-	9+	9+	4000	1	1
Malin Head ...	1029.3	+4	SE	1	c	48	95	7	4	3	-	4.6	9	5700	0	0
Renfrew	1030.4	0	-	0	c	43	95	8	5	-	8	7.8	9	7200	1	*
Inchkeith (Edin.)	1030.7	+4	NE	3	c	47	95	8	5	8	1	4.6	9	4000	0	1
Leuchars	1030.1	+4	W	2	c	42	95	8	5	3	1	4.6	9	7200	1	*
Eskdalemuir ...	1030.0	+6	NNE	3	id	46	85	8	5	-	-	10	10	1500	1	*
Tynemouth ...	1028.5	+8	NNE	2	0	51	75	8	6	-	-	10	10	1500	0	3
Blacksod Point ...	1029.4	+6	ENE	4	bc	51	85	8	5	6	-	4.6	4.6	800	0	3
Aldergrove ...	1027.7	+10	NNE	2	bc	42	95	7	5	3	-	2-3	4.6	1500	1	*
Donaghadee ...	1028.8	+6	N'E	1	bc	47	95	8	5	-	-	2.3	2.3	4000	0	0
Birr Castle ...	1027.3	+4	NE	1	c	49	95	8	5	-	-	7.8	7.8	~~2500~~ 4000	1	*
Holyhead... ..	1025.9	+12	ENE	5	bc	55	85	7	5	-	-	4.6	4.6	4000	0	3
Liverpool (Bidston)	1026.3	+8	NNE	3	bc	52	85	6	5	-	-	4.6	4.6	2500	0	*
Chester (Sealand)	1025.7	+12	NE'N	2	c	51	85	6	5	-	1	7.8	7.8	4000	1	*
Harrogate... ...	1027.5	+14	NNE	3	c	50	95	7	6	8	-	1	7.8	2500	1	*
Spurn Head ...	1024.5	+6	NE'N	5	c	54	95	7	5	3	9	2.3	9+	4000	0	4
Birmingham ...	1023.9	+8	ENE	4	c	52	95	8	5	-	-	9+	9+	800	1	*
Cranwell	1024.9	+14	NE'N	4	c	52	95	7	5	3	-	9	9+	800	1	*
Gorleston	1021.6	+8	NE'N	5	0	55	95	6	6	-	-	10	10	2500	1	3
Valentia Obs.+ ...	1025.9	+8	E	4	bc	51	85	8	7	-	-	2.3	2.3	1500	0	2
Roches Point ...	1024.3	+12	N	2	bc	49	95	8	5	-	-	4.6	4.6	2500	0	0
Pembroke... ...	1022.7	+16	NE	3	bc	52	95	7	1	4	1	4.6	4.6	4000	1	2
Ross-on-Wye ...	1022.5	+10	NE	3	o/r	53	95	7	5	-	-	10	10	1500	1	*
Leafield	1022.9	+10	NE'N	4	c	51	95	7	6	3	-	4.6	7.8	4000	1	*
Cardington ...	1022.0	+10	NE	3	r.r.	51	95	6	5	2	-	7.8	10	2500	1	*
Winchester ...	1022.1	+24	NE	2	ir.	49	95	7	5	2	-	7.8	10	2500	1	*
S. Farnborough ...	1021.6	+12	NNE	1	c/pr	49	95	6	8	3	-	7.8	7.8	4000	1	*
London (Kew) ...	1022.3	+10	NNE	1	c/r	51	95	6	5	7	8	1	9	1500	1	*
Croydon	1021.9	+10	-	0	m	49	95	4	5	2	-	4.6	10	800	1	*
Manston	1020.3	+2	NE	1	c	53	95	6	8	1	-	4.6	10	2500	1	*
Shoeburyness ...	1021.5	+10	NE	2	c	52	95	8	-	7	-	0	10	-	1	*
Clacton-on-Sea ...	1021.0	+10	N	3	c	52	95	7	6	1	-	4.6	7.8	460	2	2
Felixstowe ...	1021.7	+12	N	3	rr	53	95	7	6	-	-	10	10	450	1	0
Scilly (St. Mary's)	1019.1	+14	NE'E	6	bc	53	95	7	5	8	1	2.3	4.6	4000	0	3
Falmouth... ...	1019.4	+10	NE	6	bc	53	85	7	8	-	9	4.6	4.6	4000	0	3
Plymouth... ...	1020.0	+14	NE	5	b	52	95	8	1	-	4	Tr.	1	2500	1	1
Portland Bill ...	1020.1	+14	NE	5	bc	52	85	7	8	-	1	2.3	4.6	2500	0	4
Calshot, S'hampton	1021.3	+20	N'E	2	bc	50	95	6	-	5	2	0	4.6	-	0	0
Dungeness ...																
Lympne	1020.7	+10	NNE	3	m.	49	95	6	8	-	9	4.6	9	2500	1	*
Guernsey	1017.3	+10	E	3	bc	55	75	7	5	-	-	4.6	4.6	2500	1	3

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 27th Hrs. (36)
Lerwick	53	49	*	-	-	2.4
Stornoway ...	55	47	*	-	-	5.8
Wick	55	46	*	-	-	*
Tiree	51	43	31	-	-	8.8
Nairn	54	42	*	-	-	1.7
Aberdeen	51	44	41	-	-	0.0
Malin Head ...	53	47	*	-	-	8.4
Renfrew	51 ~~55~~	42	38	-	-	0.9
Inchkeith (Edin.)	52	47	45	-	-	0.7
Leuchars	54	41	37	-	-	0.0
Eskdalemuir ...	48	43	38	0.4	Tr.	0.0
Tynemouth ...	55	50	48	0.4	0.1	*
Blacksod Point ...	55	50	*	-	-	*
Aldergrove ...	64	42	33	-	Tr.	8.7
Donaghadee ...	55	45	*	-	-	*
Birr Castle ...	55	47	39	-	Tr.	4.7
Holyhead... ..	57	54	50	-	-	5.1
Liverpool (Bidston)	59	50	47	0.3	-	4.5
Chester (Sealand)	61	49	43	Tr.	0.1	4.0
Harrogate... ...	58	50	49	1	-	4.4
Spurn Head ...	60	53	*	-	Tr.	5.4
Birmingham ...	57	50	46	0.2	1	2.0
Cranwell	60	49	46	1	-	4.8
Gorleston	58	50	47	4	1	7.0
Valentia Obs.+ ...	56	48	40	-	Tr.	8.3
Roches Point ...	68	48	*	-	Tr.	*
Pembroke... ...	59	49	*	Tr.	-	1.6
Ross-on-Wye ...	58	50	47	4	1	3.8
Leafield	56	46	44	3	0.6	3.1
Cardington ...	59	49	48	1	1	6.1
Winchester ...	59	46	40	0.1	6	3.6
S. Farnborough ...	58	45	36	Tr.	2	4.6
London (Kew) ...	60	49	40	-	1	4.2
Croydon	59	47	41	0.1	5	4.2
Manston	59	46	41	Tr.	27	4.9
Shoeburyness ...	59	51	39	-	14	6.2
Clacton-on-Sea ...	59	50	49	-	10	6.8
Felixstowe ...	60	50	48	Tr.	16	6.5
Scilly (St. Mary's)	58	52	*	Tr.	0.3	3.8
Falmouth... ...	~~50~~ 58	50	*	Tr.	Tr.	4.9
Plymouth... ...	60	51	48	Tr.	-	4.9
Portland Bill ...	60	51	*	0.5	Tr.	*
Calshot, S'hampton	60	49	45	-	-	4.0
Dungeness ...			*			*
Lympne	55	44	37	0.4	0.6	3.7
Guernsey	58	53	51	7	0.2	1.8

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility. 9h. (To-day.)
Kew	18	c z.	c b z.	b p c r m	60	49	40	-	1	4.2	*	*	
Croydon	244	c m r b c	b c c p r b c	b c l n r m	59	47	41	0.1	5	4.2	*	*	4
Greenwich (Royal Observatory) ...	149	c	c	c r b c c r c	60	48	41	-	1	3.8	69	91	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4.7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	60	51	47	1		3.9	60	88	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	*	*	*	*	*	4.3	*	*	*
Camden Square	110	c	c o c	*	59	50	*	-	-	*	*	94	*
Kensington Palace	80	o b c	b c c	*	59	50	42	-	1	*	At 18h. 75	94	*
Hampstead Observatory	450	o b c	b c o r	*	57	46	41	1	1	3.5	*	93	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 28th

South Kensington. Max.	Time.	Min.	Time.
0.8	18h 27th	0.3	2h 28th

Kew Observatory. Max.	Time.	Min.	Time.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 27th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 28th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1015.7	E	2	c	52	1020.2	N	1	m	48	?	46	?	-
Brussels	1017.2	-	0	bc	48	1020.6	-	0	F	43	52	41	1	-
Berlin	1011.0	W S W	2	id.	54	1015.1	S W	3	m	50	54	50	12	2
Zürich	1015.0	E	1	bc	52	1018.4	NE	1	id.	48	61	45	-	0.1
Rome						1017.0	ESE	3	bc/TLR	72		57		.23

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

+ 1 hr observations are from Valentia W/T station.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

29th. September 1930.

No. 25148

OBSERVATIONS at 13h. G.M.T. 28th September

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	1028.1	0	W'N	2	c	53	95	7	6	2	–	4-6	9+	1500
Stornoway	1031.3	0	NNW	2	o	54	75	9	5	–	–	10	10	4000
Wick	1030.2	+2	NW	2	c	54	75	8	8	–	8	7-8	10	1500
Tiree	1030.1	0	N'E	3	bc	56	75	9	4	3	9	Tr	4-6	7200
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1030.4	-6	NW	3	c	53	75	8	7	–	–	9+	9+	2500
Malin Head	1030.2	-2	ENE	2	c	54	95	7	7	6	–	2-3	9	4000
Renfrew	1030.4	-6	E	2	c	57	65	7	1	3	–	Tr	9	5700
Inchkeith (Edin.)	1030.4	0	NE	3	c	58	75	8	1	6	1	2-3	7-8	4000
Leuchars	1030.4	-4	NE	1	c	55	65	8	7	3	1	4-6	9	4000
Eskdalemuir	1029.9	-2	NNE	4	c	52	65	8	7	4	1	9	9	1500
Tynemouth	1028.8	0	NNE	3	bc	54	75	8	7	–	–	4-6	4-6	4000
Blacksod Point	1029.8	0	E	3	bc	58	75	8	4	7	2	Tr	4-6	(2500)?
Aldergrove	1028.4	0	NNE	3	bc	57	65	8	7	5	–	2-3	4-6	1500
Donaghadee	1029.8	0	NE	1	bc	55	65	8	1	1	–	2-3	4-6	4000
Birr Castle	1027.5	+2	NE	1	c	56	75	8	5	–	–	9+	9+	2500
Holyhead	1027.5	+2	ENE	5	bc	56	75	7	7	–	–	4-6	4-6	2500
Liverpool (Bidston)	1028.2	+4	NNE	4	u	54	75	6	6	2	–	7-8	9	1500
Chester (Sealand)	1027.1	+6	NE'E	3	c	55	75	6	5	–	–	9	9	4000
Harrogate	1028.0	+6	NE	3	c	50	75	8	3	–	–	9	9	2500
Spurn Head	1025.6	0	NE'N	5	c	55	85	7	4	–	9	4-6	7-8	4000
Birmingham	1025.4	+2	ENE	4	c	55	75	7	8	–	–	9	9	2500
Cranwell	1026.4	+6	NE'N	4	id₀	53	85	8	9	–	–	10	10	1500
Gorleston	1023.3	+12	NNE	5	c	56	95	6	8	–	–	9+	9+	2500
Valentia Obs.	1025.5	-6	NE	4	bc	59	75	8	8	–	–	4-6	4-6	1500
Roches Point	1025.2	+2	NE	3	bc	60	75	8	8	–	–	4-6	4-6	2500
Pembroke	1024.1	0	NE	3	c	57	95	7	8	7	–	4-6	10	2500
Ross-on-Wye	1023.7	+4	ENE	4	c	56	75	7	6	7	–	9	9+	2500
Leafield	1024.4	+10	NE	4	c	53	85	8	5	–	–	9+	9+	2500
Cardington	1023.9	0	NE'N	5	o	55	85	7	5	–	–	10	10	800
Winchester	1022.3	-2	NNE	3	c	57	75	7	8	1	–	4-6	9+	2500
S. Farnborough	1022.3	-2	NNE	3	pr	58	75	7	8	–	–	9+	9+	1500
London (Kew)	1023.0	0	NE	4	c	58	75	6	7	8	–	2-3	7-8	4000
Croydon	1022.9	0	ENE	3	ir₀	57	75	6	8	7	–	4-6	9	4000
Manston	1022.0	+2	NNE	3	c	57	85	8	8	3	–	7-8	9	4000
Shoeburyness	1022.5	+6	NE	4	c	59	85	8	1	1	9	2-3	7-8	1500
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1023.0	0	N	3	ir₀	55	95	7	6	1	–	7-8	9+	2500
Scilly (St. Mary's)	1019.9	+4	E'N	5	bc	59	95	7	1	6	–	2-3	4-6	4000
Falmouth	1021.6	+14	NE	6	bc	56	75	8	3	5	–	2-3	4-6	4000
Plymouth	1021.4	-2	E	4	bc	59	75	8	1	–	1	2-3	2-3	4000
Portland Bill	1021.7	0	NE	4	c	60	75	7	8	4	1	4-6	7-8	2500
Calshot, S'hampton	1022.2	0	NNE	4	c	59	75	6	2	8	8	4-6	7-8	1500
Dungeness														
Lympne	1021.4	+2	NE'E	4	c/r	56	85	7	8	7	–	4-6	9+	2500
Guernsey	1020.1	0	ENE	3	b	62	55	8	1	–	–	1	1	2500

OBSERVATIONS at 18h. G.M.T. 28th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High. (25)	Cloud. Amount. Low 0-10 (26)	Cloud. Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1028.1	0	NW	2	c	52	95	7	5	2	–	4-6	10	1500	1	•
Stornoway	1031.3	+2	NNE	1	c	50	85	8	3	6	1	4-6	7-8	4000	0	1
Wick	1030.2	+4	NW	2	c	51	85	8	8	–	–	10	10	1500	0	2
Tiree	1029.9	-4	N'E	4	bc	52	75	9	4	3	4	Tr	2-3	5700	0	2
Nairn	1029.2	•	–	0	c	51	85	8	3	–	–	7-8	7-8	2500	0	•
Aberdeen	1030.2	0	NNW	2	o	51	75	8	5	–	–	10	10	2500	1	1
Malin Head	1029.4	-2	NE	2	bc	53	85	8	7	6	1	1	4-6	4000	0	0
Renfrew	1030.0	-2	SE	2	c	51	75	6	–	3	8	–	9	–	1	•
Inchkeith (Edin.)	1029.8	-4	ENE	2	c	53	95	8	5	1	–	2-3	9+	5700	0	0
Leuchars	1029.9	-2	–	0	c	52	75	8	7	7	–	9	10	4000	1	•
Eskdalemuir	1029.6	0	NNE	3	c	48	75	8	5	–	–	9+	9+	2500	1	•
Tynemouth	1028.5	-2	NNE	3	c	52	75	8	4	–	–	9	9	4000	0	3
Blacksod Point	1028.4	-4	E	4	bc	55	88	8	–	–	7	–	4-6	–	0	3
Aldergrove	1029.4	+16	NE	2	c	51	85	7	5	9	–	1	7-8	2500	1	•
Donaghadee	1028.9	-4	W	1	c	54	85	8	5	–	–	7-8	7-8	2500	0	0
Birr Castle	1027.8	-2	NE	1	bc	54	75	8	7	–	9	2-3	4-6	2500	0	•
Holyhead	1027.0	0	E'N	4	bc	53	85	6	5	–	9	Tr	2-3	2500	0	2
Liverpool (Bidston)	1027.6	0	NE'N	2	bc	51	75	6	5	–	–	4-6	4-6	1500	0	•
Chester (Sealand)	1027.0	+2	NE	1	c	51	75	6	5	–	–	9	9	4000	0	•
Harrogate	1028.1	0	NNE	3	bc	49	75	8	4	–	–	4-6	4-6	4000	1	•
Spurn Head	1025.6	0	NNE	4	c	53	75	8	4	–	–	9+	9+	4000	0	4
Birmingham	1025.9	+2	NE	4	o	51	85	5	5	–	–	10	10	2500	1	•
Cranwell	1026.4	+6	N'E	3	o	50	85	8	5	–	–	10	10	2500	1	•
Gorleston	1023.5	0	NNE	5	c	56	85	6	9	–	–	9+	9+	1500	0	3
Valentia Obs.	1025.2	0	NE'E	4	c	57	75	8	8	3	9	2-3	7-8	4000	0	2
Roches Point	1025.1	0	NE	3	bc	60	85	8	5	–	–	4-6	4-6	2500	0	2
Pembroke	1023.7	-2	NE	3	c	56	95	7	8	8	9	4-6	7-8	2500	0	2
Ross-on-Wye	1024.5	+6	NE'E	3	o	53	85	7	5	–	–	10	10	2500	1	•
Leafield	1024.7	+6	NE'N	4	o	51	85	8	5	–	–	10	10	1500	1	•
Cardington	1024.4	+4	NE'N	4	c	53	85	7	5	2	–	7-8	10	1500	1	•
Winchester	1022.9	+6	NNE	3	c	54	85	8	4	2	–	4-6	10	2500	1	•
S. Farnborough	1022.9	+6	NE	2	r₀r₀	54	85	6	6	7	–	7-8	10	1500	1	•
London (Kew)	1023.6	+6	NE	3	r₀r₀	55	85	5	6	7	–	4-6	9+	2500	1	•
Croydon	1023.2	+2	NE	3	r₀r₀	54	85	5	6	2	8	4-6	10	2500	1	•
Manston	1022.2	+2	E	3	r₀r₀	54	95	7	9	2	–	7-8	10	2500	1	•
Shoeburyness	1022.8	+10	NE	3	r₀r₀	53	95	8	8	2	–	4-6	10	2500	1	•
Clacton-on-Sea	1023.0	0	NE	2	c	54	95	7	3	–	–	7-8	7-8	450	2	2
Felixstowe	1023.0	0	N	2	c/r	53	95	7	6	2	–	7-8	10	800	1	0
Scilly (St. Mary's)	1021.6	+8	E'N	4	bc	55	95	7	2	–	4	1	4-6	4000	0	3
Falmouth	1022.2	+6	ENE	4	c	57	75	7	2	–	6	2-3	7-8	4000	0	3
Plymouth	1021.8	+6	E	2	bc	56	95	7	9	–	6	1	4-6	4000	1	1
Portland Bill	1021.6	+2	NE	4	c	57	85	7	4	–	–	10	10	1500	0	3
Calshot, S'hampton	1022.3	+2	N'E	3	c	56	85	6	2	7	–	4-6	10	1500	1	2
Dungeness																
Lympne	1021.8	-6	NE	3	rr	53	95	6	9	–	–	7-8	10	1500	1	•
Guernsey	1020.2	0	ENE	3	bc	57	75	8	5	–	–	4-6	4-6	2500	0	3

PAST 24 HOURS.

Stations.	Weather. 7h.—13h. 28th (37)	Weather. 13h.—18h. 28th (38)	Weather. 18h. 28th to 1h. 29th (39)	Weather. 1h.—7h. 29th (40)
Lerwick	cid₀	coir₀	oid₀	oip₀
Stornoway	o	ocbc	cid₀	bc
Wick	c	c	cp₀rbc	cr₀r
Tiree	cbc	bc	bc	bcc
Nairn	cbcc	cd₀	cw	c
Aberdeen	c	c	cir₀c	cr₀bc
Malin Head	c	cbc	bcbbc	c
Renfrew	cwbcc	cbccm₀	cm₀c	c
Inchkeith (Edin.)	c	c	co	oc
Leuchars	c	c	cw	cwd₀
Eskdalemuir	oid₀c	cbcc	co	oid₀
Tynemouth	ocbc	bcc	co	oir₀
Blacksod Point	bc	bc	bc	bc
Aldergrove	bc	bc	bcc	cwbcmc
Donaghadee	bbc	bcc	c	c
Birr Castle	c	cbc	bcb	bbcco
Holyhead	bcc	bc	bbcb	bccm₀
Liverpool (Bidston)	bcc	cbc	bbc	bcc
Chester (Sealand)	cm₀z₀	cbcz₀	cbcm₀	bccm₀
Harrogate	bcp₀	cbc	bcc	c
Spurn Head	bc	bc	cbcc	bc
Birmingham	c	co	c	c
Cranwell	cp₀c	c	c	c
Gorleston	oircq	cq	coq	oq
Valentia Obs.	bc	bcc	cbbu	bubcc
Roches Point	bc	bc	bcc	c
Pembroke	bcc	c	c	c
Ross-on-Wye	p₀or₀c	c	co	oc
Leafield	crc	c	c	c
Cardington	crc	cpr₀cd₀c	c	cr₀c
Winchester	cr₀c	cpr₀c	cr₀rr	or₀
S. Farnborough	cp₀ocm₀	cp₀	cr₀r₀orro	orr₀r₀rr
London (Kew)	cm₀p₀bcz₀	czcp₀cr₀	crm₀o	or₀rm₀
Croydon	cm₀mr₀	cm₀p₀r₀r₀	cor₀m₀r₀r₀	cor₀r₀m₀
Manston	ccp₀rc	ccr₀r₀	or₀r₀Rr₀r₀	or₀rrqr₀r₀
Shoeburyness	oir₀c	oir	oir₀	or₀r₀
Clacton-on-Sea	cpc	crrc	cpco	oircr
Felixstowe	orm₀cir₀	oror₀m₀cr	co	oid₀orr
Scilly (St. Mary's)	bccbc	bc	bcb	c
Falmouth	bcpq	bcq	bcp₀oq	or₀r₀
Plymouth	bbc	bbc	b-c	cr₀r₀
Portland Bill	c	cz₀	bcPRr	crr
Calshot, S'hampton	bcwm₀	cm₀Drpr₀	cm₀cr₀r₀orrm₀	ccr₀r₀rm
Dungeness				
Lympne	ccrrm₀	cm₀cr₀rr	oir	orrm₀
Guernsey	bcbb	bbcb	bcbc	ccor

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
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. r₀, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. Ш, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.
(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

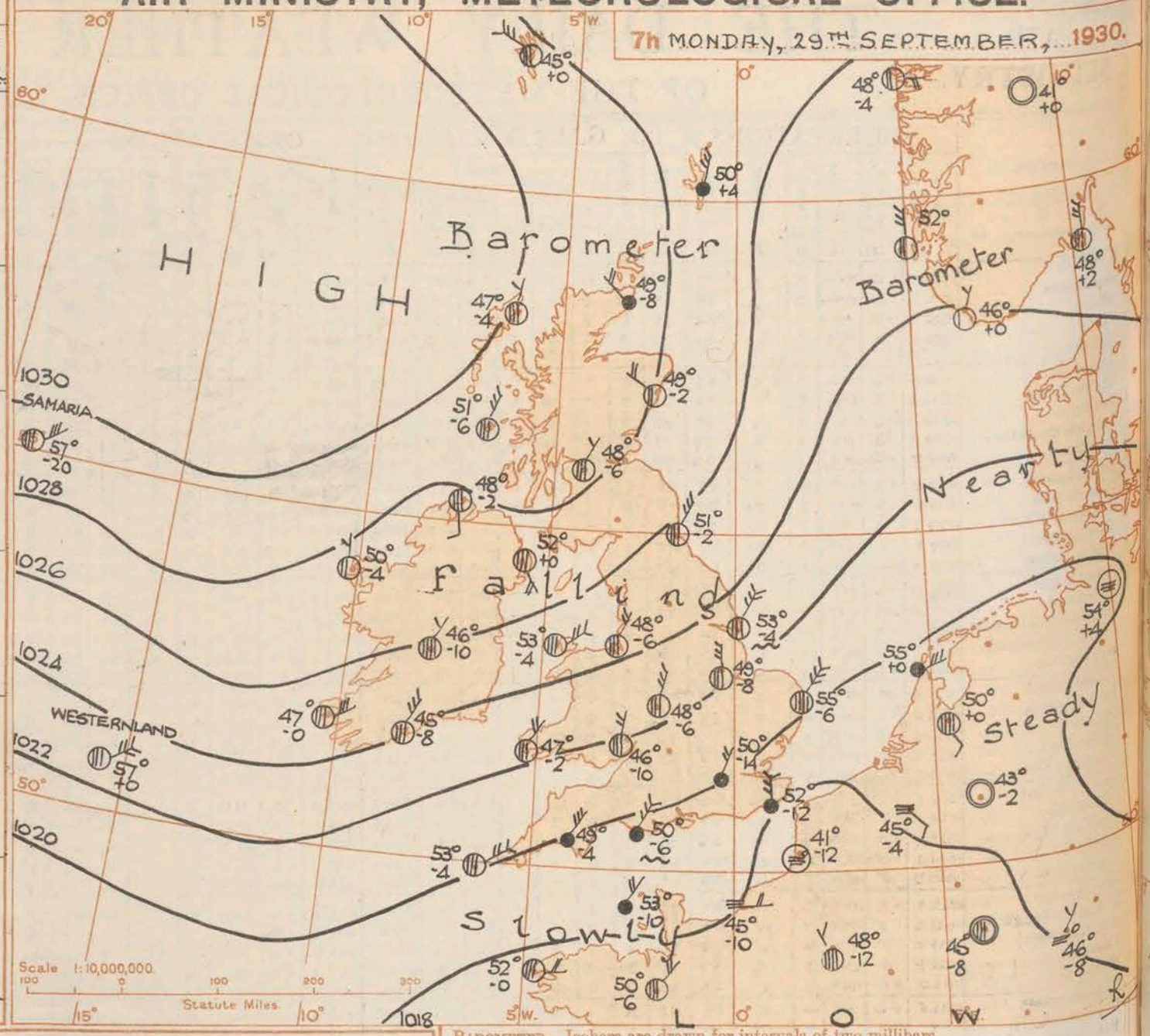
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 28th September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 27th to 9h. 28th	Temperature. Max. 9h.—17h. 28th	Rainfall. Night. 17h. 27th to 9h. 28th	Rainfall. Day. 9h.—17h. 28th	Sunshine. Sunrise to 17h. 28th	Sunshine. Sunrise to Sunset 27th
Dunbar ...	c	c	49	59	—	—	3·1	0·0
Berwick-on-T. ...	c	c	49	53	—	—	2·8	0.0
Douglas	bc	bc	48	56	—	—	6·8	7·8
Llandudno ...	cbc	cbb	54	57	—	—	4·8	6.6
Colwyn Bay ...	o	obco	53	55	—	—	3·3	5.6
Rhyl	bcm₀	bcm₀	49	57	—	—	3·5	6.5
Wallasey ...	bccb	bbccb	50	57	—	—	2·7	6.5
Southport . ‖	bc	cbc	50	58	—	—	5·5	5.7
Blackpool ...	cbcc	c	48	56	—	—	4·5	5.7
Morecambe ...	bc	bc	50	57	—	—	5·2	6.0
Ilkley	bc	c	50	59	Trace	—	2·2	3.5
Cleethorpes ...	oc	ocbco	54	57	—	—	1·5	4·7
Mablethorpe ...								
Skegness...	ob	bo	51	64	—	—	6.2	4·2
Aberystwyth ...	bcbc	bccz₀	53	60	—	—	6·0	4·1
Bath	cbcc	cp	49	58	0·3	0.3	1·3	3.4
Cheltenham .†	oroc	co	49	53	3	0.3	0·1	4·8
Leamington Spa	orc	c	50	57	3	—	0.0	3·7
Lowestoft ...	cprc	c	52	58	3	1	0·0	7·3
Dovercourt ...	roc	roc	51	57	17	18	0.2	6.5
Maldon	rc	rcr	49	59	10	1	0·2	7.0
Southend ...	c	cor₀	48	60	16	0.2	2·1	5.9
Ilfracombe ...	cop	op	52	59	0.5	3	0·9	0·9
Bude	pbc	bcp	56	61	Trace	0·3	7·8	3·4
St. Ives	cbc	bc	54	60	—	—	7·5	0·0
Penzance ...	b	b	49	61	—	—	8·5	3·8
Torquay	2p₀b	bbc	53	61	0·1	—	9·2	1·8
Jersey	cb	cb	51	62	1	—	8·5	0·1
Weymouth ...	b	bcp₀g	48	61	—	Trace	7·7	3·6
Bournemouth ...	bbc	cr	46	60	—	2	7·0	3·0
Ventnor	bcbbc	bccpb	50	60	Trace	1	7·2	0.7
Southsea ...	bbc	bcc	48	60	—	—	3·7	3·2
Bognor Regis ...	cbcc	c	46	60	0·3	—	1·7	0.8
Littlehampton ...	bc	bcc	46	60	—	—	2·3	2·4
Worthing ...	ocbc	cbc	47	60	0·3	—	2·7	0.6
Brighton... ...	bcbc	cbc	48	60	—	—	1·6	0·8
Eastbourne .†	c	c	46	61	—	—	1·9	0.9
Hastings †	cmbcc	cbcc	47	60	—	—	1·2	0·8
Folkestone ...	wcor	ocor₀	49	61	0·3	1	1·9	3·0
Dover	cpc	c	48	60	2	0·3	1·3	2·6
Deal	cor	cor₀	48	60	1	4	0·4	2·6
Tunbridge Wells	opo	ocopo	46	57	6	2	0·1	1·8
Ramsgate ...	ccbc	cd	50	59	12	0·2	1·0	5·3
Margate... ...	c	bccd	51	59	25	Trace	0·7	5·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. - ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 29th Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh northeast or east winds, cloudy, occasional rain or showers at first then improving; mist locally at night; moderate day temperature, slight local ground frost inland at night.
5. S.W. England 6. South Wales 7. North Wales	Moderate northeast winds, cloudy, local showers, brighter later; mist locally at night; moderate day temperature, slight local ground frost inland at night.
8. N.W. England	As 1 - 3.
9. N. Midlands 10. N.E. England	As 4.
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. Orkneys and Shetlands.	Light or moderate winds from between north and east, mainly fair; mist locally at night; moderate day temperature, slight local ground frost inland at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate easterly winds, mainly fair; mist locally at night; moderate day temperature, slight local ground frost inland at night.

GENERAL INFERENCE.

An anticyclone is maintained between Iceland and Scotland while secondaries to a depression over France are influencing Southern England. In Ireland and Scotland weather will be mainly fair, but elsewhere there will be occasional rain or showers, especially in Southern and Eastern England.

FURTHER OUTLOOK.

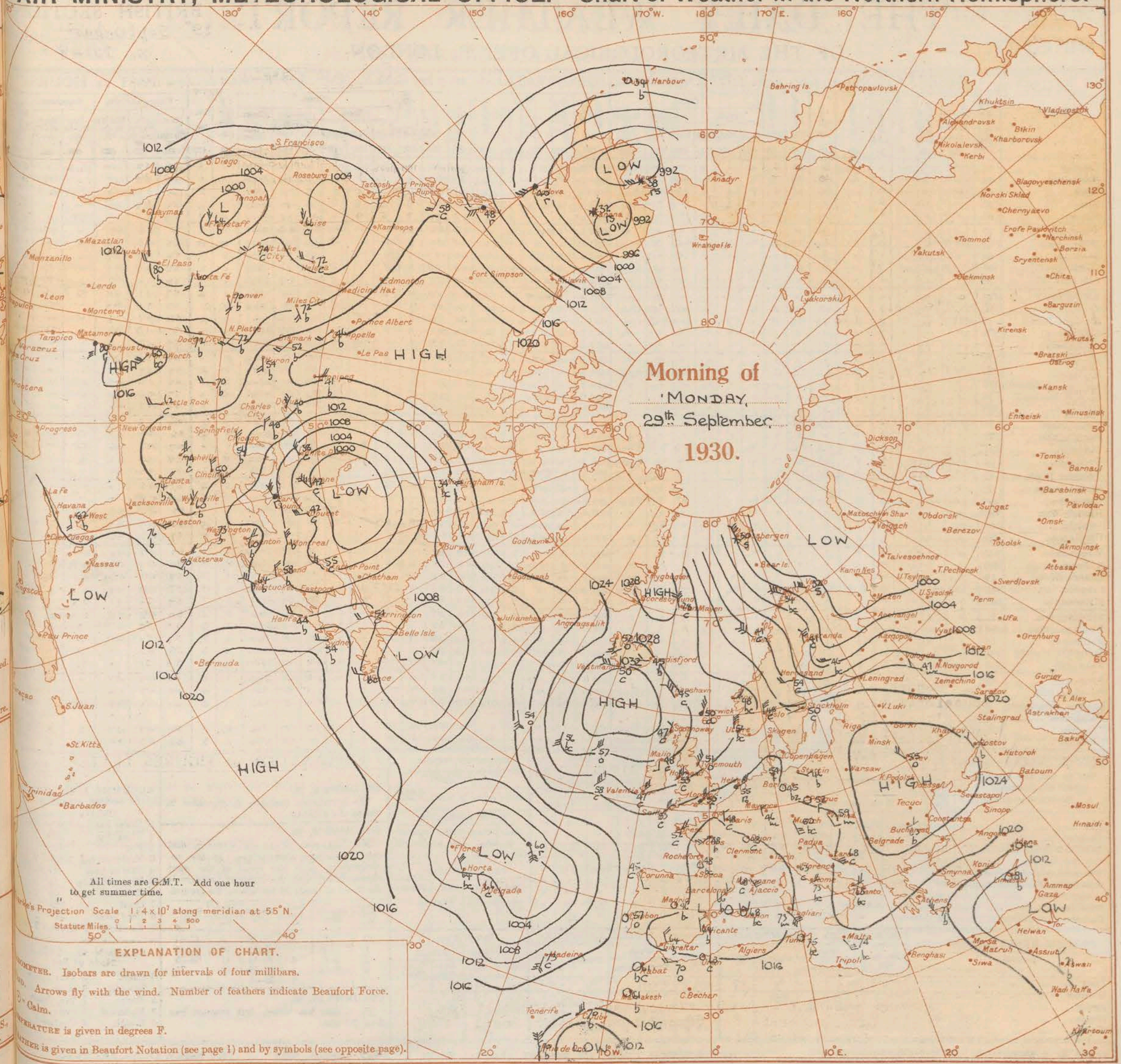
Mainly fair.

Forecasts issued at 0930 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.

○ = Calm.

TEMPERATURE is given in degrees F.

WEATHER is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

29th September 1930.

No. 25148

OBSERVATIONS at 1 hr. G.M.T. 29th September

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
Lerwick	54	1027.3	-4	NW	2	id.	51	95	6	6	-	-	10	10	1500
Stornoway	34	1030.8	-2	NNE	1	6	49	95	7	6	1	-	4-6	10	4000
Wick	81	1029.5	-4	NW	2	bc	46	95	8	8	4	-	2-3	4-6	1500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1028.4	-6	-	0	c	50	95	8	4	3	-	4-6	9	4000
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1028.8	-6	NE	3	0	51	85	8	5	-	-	10	10	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1027.1	-10	NNE	3	0	53	75	8	6	-	-	10	10	1500
Blacksod Point	10	1028.4	-6	E	3	bc	53	85	7	-	7	-	0	1-6	-
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1026.3	-4	E	4	bc	51	75	6	5	-	-	4.6	4.6	4000
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1024.1	-4	NE'N	4	c	53	85	7	-	2	-	0	9	-
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1024.9	-10	N'W	3	c	48	85	7	5	-	-	7.8	7.8	2500
Gorleston	14	1021.6	-14	N'E	5	0	54	85	7	6	-	-	10	10	2500
Valentia Obs.†	30	1024.9	-10	E'N	3	b	60	75	8	-	-	-	0	0	-
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1024.1	0	NE	2	c	50	95	7	8	-	-	9+	9+	2500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1022.3	-12	NNE	3	r.r.	50	95	6	6	2	-	9	10	800
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1021.7	0	ENE	4	b	53	95	7	-	-	-	0	0	-
Falmouth	200	1022.7	-10	NE'E	5	0	55	85	7	5	-	-	10	10	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1021.2	-2	NE	5	rr	53	85	8	5	-	-	10	10	1500
Calshot, S'hampton	8	1022.3	+4	N'E	4	c	53	85	7	5	7	-	2-3	9	1500
Dungeness	20														
Lympne	347	1020.4	-6	N	3	r.r.	50	95	6	6	-	-	10	10	800
Guernsey	173	1019.9	-6	NE	2	bc	56	75	8	5	-	-	4-6	4-6	2500

OBSERVATIONS at 7 hr. G.M.T. 29th September

Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
Lerwick	1027.4	+4	N'E	3	id.	50	95	6	6	-	-	10	10	1500	1	*
Stornoway	1030.0	-4	N'E	1	c	47	95	8	3	3	-	4-6	7-8	4000	0	1
Wick	1028.1	-8	NW	2	r.r.	49	95	8	6	1	-	4-6	7-8	1500	1	2
Tiree	1028.8	-6	NE'E	3	c	51	65	9	5	3	-	9	9+	4000	0	2
Nairn	1028.4	•	-	0	c	49	85	8	5	9	-	4-6	7-8	4000	0	*
Aberdeen	1028.1	-2	NW'W	2	bc	49	95	6	5	-	-	4-6	4-6	2500	1	1
Malin Head	1027.6	-2	S	1	c	48	95	8	4	-	-	9+	9+	4000	0	0
Renfrew	1028.5	-8	NE	1	c	48	85	7	5	-	-	9+	9+	4000	1	*
Inchkeith (Edin.)	1027.7	-6	ENE	4	ir.	49	85	8	5	-	-	9+	9+	1500	1	2
Leuchars	1028.0	-2	NNW	1	c/d	48	95	8	5	3	1	7-8	7-8	2500	1	*
Eskdalemuir	1027.0	-4	NE'E	3	id.	46	95	6	5	-	-	10	10	1500	1	*
Tynemouth	1025.8	-2	NE	3	o/r	51	85	7	6	-	-	10	10	1500	1	3
Blacksod Point	1027.1	-4	N	1	bc	50	85	8	-	7	-	-	4-6	-	0	2
Aldergrove	1027.8	-2	N'E	2	o	46	85	8	5	-	-	10	10	4000	1	*
Donaghadee	1027.0	0	SSE	2	c	52	75	8	5	-	-	7-8	7-8	2500	0	1
Birr Castle	1026.0	-10	NE	1	o	46	95	7	5	-	-	10	10	2500	0	*
Holyhead	1024.7	-4	ENE	4	c	53	75	8	5	-	-	9+	9+	4000	0	2
Liverpool (Bidston)	1024.9	-6	N'E	2	c	48	85	6	7	-	-	9+	9+	2500	0	*
Chester (Sealand)	1024.7	-4	NNW	2	3	48	95	5	5	-	-	9+	9+	4000	0	*
Harrogate	1025.2	-6	NNE	3	c	47	95	5	6	2	-	7-8	9+	2500	1	*
Spurn Head	1022.4	-4	NE'N	5	c	53	85	7	4	3	-	4-6	9+	2500	0	4
Birmingham	1023.4	-6	NNE	3	c	48	85	5	5	-	-	9	9	4000	1	*
Cranwell	1022.9	-8	N	3	c	49	85	7	5	3	-	9	9+	2500	1	*
Gorleston	1019.8	-6	NE'N	6	o	55	95	7	5	-	-	10	10	1500	0	3
Valentia Obs.†	1024.6	0	ENE	3	c	47	85	8	7	-	9	1	7-8	1500	0	2
Roches Point	1023.1	-8	NE	3	c	45	95	8	5	-	4	4-6	7-8	2500	0	2
Pembroke	1022.4	-2	NE	2	c	47	95	7	4	9	9	4-6	9	2500	0	1
Ross-on-Wye	1022.4	-10	N'E	2	c	46	85	7	5	-	-	9+	9+	4000	1	*
Leafield	1021.9	-14	NNW	4	c/r	45	95	7	5	-	-	9	9	5700	1	*
Cardington	1021.5	-10	N'E	3	c/r	49	85	7	5	2	-	9	10	800	1	*
Winchester	1020.7	-8	N	3	c/r	47	95	7	5	2	-	9	10	2500	1	*
S. Farnborough	1020.5	-8	N'W	1	r.r.	47	95	6	6	-	-	10	10	1500	1	*
London (Kew)	1020.3	-14	NNE	2	rr	50	95	5	6	-	-	10	10	1500	1	*
Croydon	1020.4	-10	N	2	r.r.	49	95	4	6	2	-	9	10	450	1	*
Manston	1017.7	-4	NE	3	c	55	95	6	5	-	-	9+	9+	4000	1	*
Shoeburyness	1018.9	-20	N'E	4	r.r.	52	95	5	6	-	-	10	10	1500	1	*
Clacton-on-Sea	1018.9	-14	NE	4	ir	53	95	7	6	-	-	7-8	7-8	450	1	3
Felixstowe	1019.3	-10	N	4	r.r.	52	95	7	6	-	-	10	10	800	1	3
Scilly (St. Mary's)	1020.5	-4	ENE	4	c	53	95	7	8	-	-	7-8	7-8	4000	0	3
Falmouth	1020.9	-6	NE'N	4	r.r.	51	95	7	9	1	-	4-6	10	2500	1	2
Plymouth	1021.0	-4	NE	3	r.r.	49	95	8	6	1	-	7-8	10	2500	1	0
Portland Bill	1019.4	-6	NE	5	rr	50	85	7	5	2	-	7-8	9	1500	1	4
Calshot, S'hampton	1020.4	-3	N	2	r.r.	49	95	7	6	7	-	4-6	10	1500	1	0
Dungeness																
Lympne	1017.2	-12	N	4	rr	52	95	6	6	-	-	10	10	800	1	*
Guernsey	1019.0	-10	NE	2	rr	53	95	5	6	-	-	10	10	1500	2	3

PAST 24 HOURS.

Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 28th Hrs. (36)
Lerwick	54	49	*	0.6	1	0.2
Stornoway	55	47	*	-	Tr	0.1
Wick	54	46	*	-	0.3	*
Tiree	56	49	43	-	-	8.0
Nairn	54	47	*	Tr	-	0.5
Aberdeen	53	46	43	-	0.1	0.0
Malin Head	55	46	*	-	-	1.2
Renfrew	58	47	37	-	-	3.9
Inchkeith (Edin.)	59	49	47	-	Tr	4.7
Leuchars	56	46	40	-	Tr	0.5
Eskdalemuir	53	45	43	Tr	Tr	4.1
Tynemouth	55	50	48	-	Tr	*
Blacksod Point	59	49	*	-	-	*
Aldergrove	57	43	32	-	Tr	9.5
Donaghadee	57	47	*	-	-	*
Birr Castle	59	39	29	-	-	2.4
Holyhead	57	50	45	-	-	4.7
Liverpool (Bidston)	55	46	43	-	-	2.1
Chester (Sealand)	57	46	38	-	-	2.2
Harrogate	52	47	46	Tr	-	1.9
Spurn Head	56	52	*	-	-	3.4
Birmingham	56	44	39	Tr	-	0.5
Cranwell	57	47	45	Tr	-	0.5
Gorleston	58	54	52	3	-	0.0
Valentia Obs.†	60	46	40	-	Tr	6.6
Roches Point	61	45	*	-	-	*
Pembroke	59	46	*	-	-	1.2
Ross-on-Wye	57	45	42	0.6	-	0.1
Leafield	55	44	43	1	Tr	0.2
Cardington	57	47	46	0.5	0.1	0.0
Winchester	60	47	41	0.1	3	2.8
S. Farnborough	60	47	46	0.1	3	3.2
London (Kew)	58	49	47	0.1	1	1.1
Croydon	58	49	48	0.1	2	0.9
Manston	59	52	51	0.2	13	0.0
Shoeburyness	60	49	49	0.5	5	2.2
Clacton-on-Sea	58	50	49	3	2	0.0
Felixstowe	57	51	49	11	1	0.2
Scilly (St. Mary's)	59	52	*	-	-	9.4
Falmouth	58	51	*	Tr	0.1	8.0
Plymouth	60	49	47	-	1	9.6
Portland Bill	60	49	*	-	1	*
Calshot, S'hampton	61	48	47	1	3	3.1
Dungeness			*			*
Lympne	57	49	48	2	3	0.9
Guernsey	62	53	51	-	2	9.6

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

	Height above M.S.L. in feet.	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon. (24 hrs. ended 9h.)	Weather Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility. 9h. (To-day.)
Kew	18	cm.p.bc2.	c3.cp.cr.	cm.r.r.	58	49	47	0.1	1	1.1	•	•	6
Croydon	244	cm.m.r.	cm.pr.r.r.	cor.r.r.	58	49	47	0.1	2	0.9	•	•	4
Greenwich (Royal Observatory)	149	cr.	cr.d.	cd.derr	59	49	47	Tr	6	0.3	76	91	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0.7	•	•	•
Westminster (St. James' Park)	27	•	•	•	59	50	49	3		0.7	65	83	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•		•	•	•
Camden Square	110	c c r	c c r	•	58	49	*	0.3	3	•	•	90	•
Kensington Palace	80	odc c	codror	•	59	49	47	0.5	2	•	At 18h. 88	89	•
Hampstead Observatory	450	bc or	o	•	56	44	44	6	1	0.6	•	84	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 29th

South Kensington.

Max.	Time.	Min.	Time.
1.0	18h. 28th	<0.3	23h. 28th to 5h. 29th

Kew Observatory.

Max.	Time.	Min.	Time.
Defective		Record	

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 28th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 29th September Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1019.9	NE'E	1	3	57	1017.3	NNW	1	3	48	63	48	-	-
Brussels	1021.0	NE	2	c/p.r.	52	1018.7	ESE	1	F-	45	59	43	0.1	-
Berlin	1020.5	SSW	2	c	55						61		0.1	
Zürich						1017.4	NE	1	f+	46		45		-
Rome						1019.8	E	2	bc	73		64		-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort. No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1–3	5	19–24	10	55–63
2	4–7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5 Poor visibility	2½ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

† 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

30th September 1930.

No. 25,149

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

STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	1027.4	-2	NNE	3	c	51	85	7	5	2	-	4-6	10	1500
Stornoway	1029.3	-4	NE	3	id.	51	95	8	3	-	-	9+	9+	4000
Wick	1028.1	-2	NNW	2	c	52	85	8	3	7	-	4-6	9	2500
Tiree	1028.5	-4	~~NNE~~ NW	3	c	53	65	9	5	3	-	9	9+	5700
Nairn	*	*	*	*	*	*	*	*	*	*	*			*
Aberdeen	1027.0	-8	NE	3	c	53	85	8	8	-	-	7-8	7-8	1500
Malin Head	1027.0	-6	E	2	c	53	85	8	8	-	-	9+	9+	1500
Renfrew	1027.1	-10	NE	3	c	55	65	8	7	3	-	9+	9+	2500
Inchkeith (Edin.)	1026.7	-4	NE	3	c	58	85	8	7	1	-	4-6	7-8	4000
Leuchars	1026.6	-12	NNE	3	c/pr	55	75	8	7	3	-	7-8	9	2500
Eskdalemuir	1025.7	-6	NE'N	4	c	51	85	8	5	5	-	9	9+	1500
Tynemouth	1024.7	-4	NE	2	c/r	52	85	8	6	-	-	9	9	1500
Blacksod Point	1026.9	+2	E	4	bc	51	85	8	-	7	9	0	4-6	-
Aldergrove	1026.8	-6	NE	4	c	54	65	8	5	-	-	9+	9+	4000
Donaghadee	1026.3	-6	E	4	c	53	75	7	5	2	-	4-6	7-8	2500
Birr Castle	1025.3	-4	NE'E	1	o	54	75	8	5	-	-	10	10	4000
Holyhead	1023.9	-6	NE'E	4	c	53	75	8	5	-	-	10	10	4000
Liverpool (Bidston)	1023.6	-2	N'E	2	c	52	75	6	8	-	-	9	9	4000
Chester (Sealand)	1023.2	-6	N	2	m.	53	85	6	5	-	-	9	9	2500
Harrogate	1024.3	0	N	3	id.	50	95	7	6	2	-	9	10	2500
Spurn Head	1021.1	-2	NNE	5	c	55	65	7	4	3	9	4-6	9	4000
Birmingham	1021.6	-8	NE	3	o	52	75	5	5	-	-	10	10	2500
Cranwell	1021.4	-8	NE'N	4	c	55	85	8	8	-	-	10	10	2500
Gorleston	1018.5	-8	NE'N	5	pr	58	95	6	9	2	-	4-6	7-8	1500
Valentia Obs.	1023.4	-10	NE'N	4	bc	57	65	8	8	-	1	4-6	4-6	7200
Roches Point	1023.5	-2	NE	3	bc	57	65	8	5	2	-	4-6	4-6	2500
Pembroke	1022.8	-6	NE	2	c	55	85	8	3	7	-	4-6	9+	1500
Ross-on-Wye	1021.0	-10	N	2	o/r	50	95	5	5	-	-	10	10	1500
Leafield	1020.0	-6	N'E	5	o/r	50	95	7	6	-	-	10	10	1500
Cardington	1019.4	-10	NNE	4	c	54	85	6	5	2	-	4-6	10	800
Winchester	1018.2	-12	N	3	ir.	51	95	6	6	2	-	7-8	10	800
St. Farnborough	1018.2	-10	NNE	2	o/r	53	95	6	6	-	-	10	10	800
London (Kew)	1018.3	-4	NNE	3	c	57	85	6	5	2	-	7-8	9	2500
Croydon	1018.0	-10	NNE	2	m/f	55	95	4	6	3	-	9	10	800
Manston	1017.4	-2	ESE	3	c	59	65	8	5	-	-	7-8	7-8	4000
Shoeburyness	1018.2	-6	E	3	c	58	95	8	3	9	8	4-6	7-8	1500
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1018.4	-6	E	3	o	58	75	8	5	-	-	10	10	1500
Scilly (St. Mary's)	1021.1	0	NE'N	3	bc	57	85	7	1	8	1	1	4-6	4000
Falmouth	1021.5	0	NE'N	3	ir.	53	75	8	2	1	-	4-6	9	4000
Plymouth	1020.1	-8	NNE	3	rr	50	95	6	6	-	-	10	10	1500
Portland Bill	1018.3	-6	N'E	4	c	51	95	7	6	-	-	9+	9+	800
Calshot, S'hampton	1018.0	-10	N	4	c/r	55	85	6	5	2	-	4-6	10	800
Dungeness														
Sympne	1017.1	-4	SE'E	2	bc	58	85	8	8	-	-	4-6	4-6	1500
Guernsey	1018.4	-6	NNE	2	c	57	75	7	5	6	1	4-6	7-8	2500

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

STATIONS.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1027.1	0	N'W	2	c	50	85	7	5	2	-	4-6	10	1500	0	*
Stornoway	1028.6	-2	N'E	3	c	50	85	8	4	-	-	9+	9+	4000	0	1
Wick	1028.2	+2	NNW	2	c	50	95	7	6	2	-	7-8	10	1500	1	3
Tiree	1027.4	-2	N'E	3	c	53	75	9	5	3	-	9	9+	2500	0	1
Nairn	1027.4	*	-	0	c	51	95	8	3	-	-	7-8	7-8	2500	1	*
Aberdeen	1026.3	-2	NNW	3	c	51	95	8	5	-	-	7-8	7-8	1500	1	1
Malin Head	1026.2	0	NNE	3	bc	51	85	8	4	8	-	4-6	4-6	4000	0	0
Renfrew	1026.1	+2	ENE	1	2	53	85	5	5	-	-	10	10	4000	1	*
Inchkeith (Edin.)	1026.0	-2	NE	3	ir.	52	95	8	5	-	-	10	10	800	1	1
Leuchars	1026.0	-2	NE	3	c/d	52	85	8	6	2	-	7-8	10	2500	1	*
Eskdalemuir	1025.4	+4	NE	3	o/pr	49	95	7	5	-	-	10	10	1500	1	*
Tynemouth	1024.0	0	NE	2	c/r	50	95	7	6	-	-	9	9	1500	1	2
Blacksod Point	1025.9	0	E	4	c	54	75	8	-	7	-	0	9+	-	0	4
Aldergrove	1025.9	-4	N'E	2	o	51	75	7	5	-	-	10	10	4000	1	*
Donaghadee	1025.2	-4	E'S	3	c	54	75	7	5	-	-	7-8	7-8	2500	0	3
Birr Castle	1024.2	-4	NE	1	o	51	85	7	5	-	-	10	10	2500	0	*
Holyhead	1022.3	-4	NE'E	4	c	55	75	7	5	-	-	10	10	4000	0	2
Liverpool (Bidston)	1022.4	-2	NNE	3	c	52	75	6	5	-	1	7-8	9	2500	0	*
Chester (Sealand)	1022.0	+2	NE'N	2	m.	52	75	6	5	2	-	7-8	10	4000	0	*
Harrogate	1023.2	0	N	3	c	49	95	6	6	1	-	7-8	10	2500	1	*
Spurn Head	1020.5	0	NE'E	4	c	54	95	7	2	7	-	4-6	9+	4000	0	4
Birmingham	1020.9	0	NE	3	c	53	75	6	-	2	-	0	10	-	1	*
Cranwell	1020.7	+2	NNE	4	c	52	85	8	8	3	8	~~7-8~~ 2-6	7-8	2500	0	*
Gorleston	1018.0	-4	NNE	3	r.	56	95	6	6	-	-	10	10	800	1	3
Valentia Obs.	1022.9	0	NE'E	3	c	54	75	8	5	-	-	7-8	7-8	4000	0	2
Roches Point	1022.5	-8	NE	2	c	54	75	8	5	-	-	7-8	7-8	4000	0	2
Pembroke	1020.4	-4	NNE	3	c	53	85	7	4	6	9	4-6	7-8	2500	0	1
Ross-on-Wye	1019.9	-6	N'W	2	o	51	95	5	5	-	-	10	10	800	1	*
Leafield	1019.7	0	NNE	5	o	51	95	7	6	-	-	10	10	1500	1	*
Cardington	1018.8	+2	NNE	4	rr	54	95	6	6	2	-	9+	10	800	1	*
Winchester	1017.6	+4	N	3	r.	52	96	7	6	-	-	10	10	450	1	*
St. Farnborough	1017.5	+2	NNE	2	o/r	53	95	6	6	-	-	10	10	800	1	*
London (Kew)	1017.7	+10	NNE	3	c/r	55	95	5	5	2	-	7-8	10	1500	1	*
Croydon	1017.3	+4	NNE	3	m	54	95	4	5	-	-	7-8	7-8	800	1	*
Manston	1017.0	+2	N	1	bc	53	85	7	5	-	-	2-3	2-3	4000	0	*
Shoeburyness	1017.5	0	NE	6	bc	53	95	8	4	6	-	4-6	4-6	5700	1	*
Clacton-on-Sea	1017.6	+6	ENE	3	bc	57	85	7	3	6	-	4-6	4-6	450	0	2
Felixstowe	1017.9	+2	ENE	3	c	57	85	7	5	-	-	7-8	7-8	1500	1	1
Scilly (St. Mary's)	1020.0	0	NE	3	c	53	95	7	7	3	-	2-3	7-8	4000	0	2
Falmouth	1020.0	-10	~~NNE~~	3	c	53	75	7	8	-	-	10	10	4000	0	2
Plymouth	1018.8	-2	N	3	o	52	95	6	6	-	-	10	10	1500	1	1
Portland Bill	1017.1	0	NNE	4	c	54	85	7	6	-	-	9+	9+	1500	1	3
Calshot, S'hampton	1017.2	0	N	4	c/d	55	85	6	5	7	-	7-8	9+	800	1	1
Dungeness																
Sympne	1016.7	+6	NE	3	c	53	85	7	5	2	-	9	9+	2500	0	*
Guernsey	1017.4	-2	NNW	1	c	54	85	7	5	-	-	7-8	7-8	2500	1	2

PAST 24 HOURS.

STATIONS.	Weather 7h.–13h. 29th (37)	Weather 13h.–18h. 29th (38)	Weather 18h. 29th to 1h. 30th (39)	Weather 1h.–7h. 30th (40)
Lerwick	oid.c	co	oid.	oir.c
Stornoway	cid.	c	o	o
Wick	cr.c	id.c	cbc	rprc
Tiree	cv	cv	c	cv
Nairn	cbcc	cd.	cd	cd.
Aberdeen	bccpr	c	cir.	cir.
Malin Head	c	cbc	bcc	cv
Renfrew	cbcc	c	cm.	cbcm.w
Inchkeith (Edin.)	cir.	cir.	ocr.r.	ocir.
Leuchars	bcwcp.c	cid.c	cid.bcm.	bcw
Eskdalemuir	cidbcc	cprc	cbc	bccpr.c
Tynemouth	ocir.	cir.	coir.	c
Blacksod Point	bc	c	c	c
Aldergrove	c	c	c	c
Donaghadee	c	c	c	c
Birr Castle	oco	o,c,o	o	o
Holyhead	c	c,pr.	cbcc	cm.bc
Liverpool (Bidston)	coc	c	coo	bbmm
Chester (Sealand)	cm.	cm.	cbcm.	bccm.
Harrogate	cid.	cd.c	c	c
Spurn Head	cbcc	bc	cpr	cprc
Birmingham	co	c	c	co
Cranwell	c	c	cbcc	cirRm.
Gorleston	obcprq	corrirq	oRrqbcc	bbcc
Valentia Obs.	cbc	bcyc	cbc	bgcwc
Roches Point	cbc	bcc	c	cp.o
Pembroke	cbcc	c	cm.	cp.bc
Ross-on-Wye	cor.o	oddo	oz	om.
Leafield	coir.	ir.o	o,prr	ir.o
Cardington	cir.m.	cir rr	crroRirm.	or.o.m.
Winchester	cr.rrcrm	crmodorr	or.prr	ccm.
St. Farnborough	oRRorrm	om.r.r.	omoorr	or.r.bcm.
London (Kew)	cir	cmrcm	orrr.m.	cm.
Croydon	cr.mfrr	cir.bcm	bcmoRRf	of.cm.
Manston	cbcpr.c	cbc	bc	bccfpcm.
Shoeburyness	or.rc	cbc	bc	om
Clacton-on-Sea	cpc	cbc	bc	bcw
Felixstowe	crrid.c	c	crl	bwbcm.
Scilly (St. Mary's)	cbc	bcc	c	c
Falmouth	ourirc	cr.	o	ocir
Plymouth	com.rr	om.rbc	mm.cpr.	cb
Portland Bill	RRc	crrc	oir.c	c
Calshot, S'hampton	cr.rrr.m.	cprrddm	cd.m.dcbw	bwofcbcm.
Dungeness				
Sympne	cr r.	bcc	bcbwm.	bmoof
Guernsey	oRoc	cbcc	oprcb	bbcco

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.
m, mist, „ 1100–2200 yds.
h, hail. i, intermittent.
IP, precipitation within sight of station.
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
s, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
z, hoar frost. y, dry air.
∞, 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_o, slight rain. rr, continuous rain.

<, less than (for cloud height).

⊕, solar halo. ☾, lunar halo.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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 A-St (thin).
2 Typical A-St (thick). (Sun or moon invisible).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu 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 Ci-St increasing: still below 45° altitude: often in polar bands.
6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Ci-St covering whole sky.
8 Ci-St not increasing and not covering whole sky.
9 Ci-Cu predominating, and a little cirrus.

(Ci-Cu may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

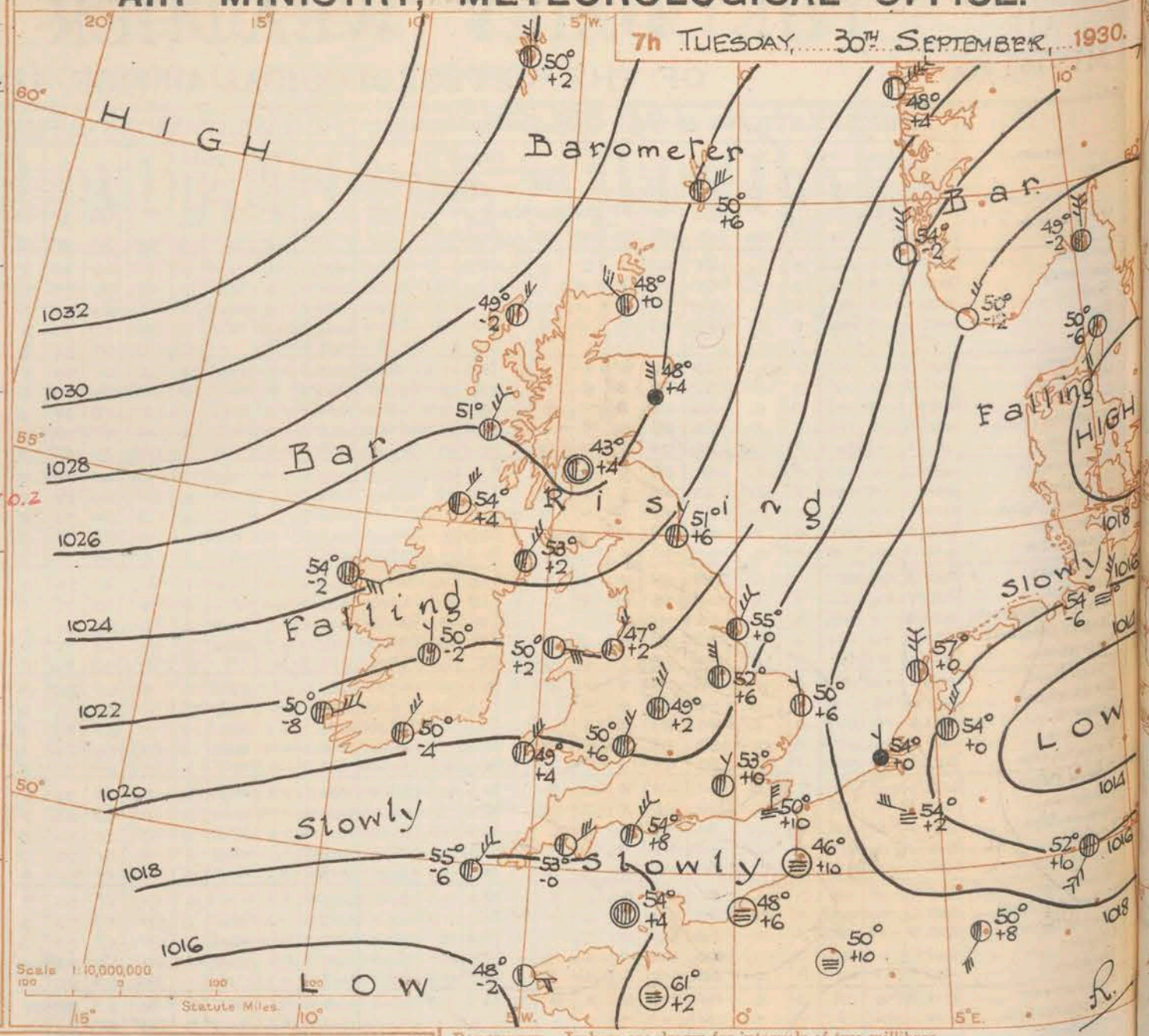
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

REPORTS from HEALTH RESORTS for 29th. September 1930.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 28th to 9h. 29th	Temperature. Max. 9h.—17h. 29th	Rainfall. Night. 17h. 28th to 9h. 29th	Rainfall. Day. 9h.—17h. 29th	Sunshine. Sunrise to 17h. 29th	Sunshine. Sunrise to Sunset. 28th
Dunbar ...	cp.	cp.	49	53	0.5	0.3	0.0	3.2
Berwick-on-T. ...	cp.r	p.rc	49	53	1	1	1.0	2.8
Douglas	o.w	o	48	55	–	–	0.6	6.8
Llandudno ...	c	c	47	57	–	–	0.1	4.8
Colwyn Bay ...	o	o	45	54	–	–	0.0	3.3
Rhyl	c	bcc	47	55	–	–	0.2	3.5
Wallasey ...	c	c	45	56	–	–	0.7	2.7
Southport . ‖	o	o	44	54	–	–	0.0	5.5
Blackpool ...	c	o	44	54	–	–	0.2	4.9
Morecambe ...	c	c	47	55	–	–	0.0	5.8
Ilkley	od.c	c	47	53	Trace	Trace	0.2	2.2
Cleethorpes ...	cv	o	52	56	–	–	2.0	1.5
Mablethorpe ...								
Skegness... ...	bo	o	54	~~56~~ 64	–	–	0.0	6.3
Aberystwyth ...	c3.	c3	47	56	–	–	1.4	6.0
Bath	cr	crr	47	53	0.5	4	0.0	1.5
Cheltenham . †	o3cop	o1ro	44	55	0.3	2	0.1	0.1
Leamington Spa	c	cbc	44	54	–	0.1	0.0	0.0
Lowestoft ...	cpro	oRcb	54	59	3	14	0.5	0.0
Dovercourt ...	Roc	rocbcc	51	59	15	1	0.0	~~0.0~~ 0.2
Maldon	rc	cbcr	50	60	2	2	0.1	0.2
Southend ...	or	bc	49	61	8	0.5	3.2	2.1
Ilfracombe ...	co	o	52	55	–	–	0.4	0.9
Bude	dcc	oe	49	~~61~~ 56	–	–	0.2	7.8
St. Ives	o	b	51	~~56~~ 56	–	1	0.0	7.5
Penzance ...	oc	cir.	52	57	–	0.5	0.3	9.3
Torquay	r.orpm	orrcpm	50	54	0.4	4	0.3	9.2
Jersey	cbc	crc	52	58	–	0.2	0.9	9.0
Weymouth ...	rrc	od.c	48	53	3	4	0.0	7.7
Bournemouth ...	oror	oror	46	60	6	4	0.0	7.6
Ventnor	oruoc	bor	48	57	3	2	1.6	7.2
Southsea ...	oro	Cop	49	58	8	1	0.4	3.7
Bognor Regis ...	rrcbc	o1r	46	57	8	1	0.2	1.7
Littlehampton ...	c	cp	48	57	9	2	0.1	2.3
Worthing ...	ro	o	47	57	8	2	0.2	2.7
Brighton... ...	crc	bc	49	59	4	0.2	0.6	1.6
Eastbourne . †	cor	rcbcc	49	60	10	1	3.1	1.9
Hastings †	ocorc	cbc	49	59	6	1	3.8	1.2
Folkestone ...	ro	rocbc	51	61	8	1	4.8	1.9
Dover	crc	bc	52	62	12	3	4.8	1.3
Deal	or.cb	bbc	53	62	10	0.5	4.7	0.4
Tunbridge Wells	opc	copo	48	59	14	4	1.0	0.1
Ramsgate ...	bc	bc	52	59	14	–	4.1	1.0
Margate	bc	bcbc	53	60	11	Trace	4.2	0.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort force. Calm. = ⊙
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :—
○ Clear sky. ◐ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky.
● Rain falling. ✱ Snow. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. K Thunderstorm.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 30th. Sept. 1930.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate northerly or northeasterly winds; cloudy, some rain and showers; moderate temperature; local mist, perhaps fog, at night and in the early morning.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Moderate northeasterly winds; mainly cloudy, occasional rain or showers; moderate temperature; local mist at night and in the early morning.
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 16. Orkneys and Shetlands.	Moderate northerly or northeasterly winds, cloudy, occasional rain or showers; moderate temperature, local mist; perhaps fog, at night and in the early morning.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate northeasterly winds; mainly cloudy, occasional rain or showers; moderate temperature; local mist, perhaps fog, at night and in the early morning.

GENERAL INFERENCE.

An anticyclone remains centred south of Iceland while a depression lies over Germany and may extend its influence westward. Some further rain is likely in the Southeast and further showers or occasional rain elsewhere.

FURTHER OUTLOOK.

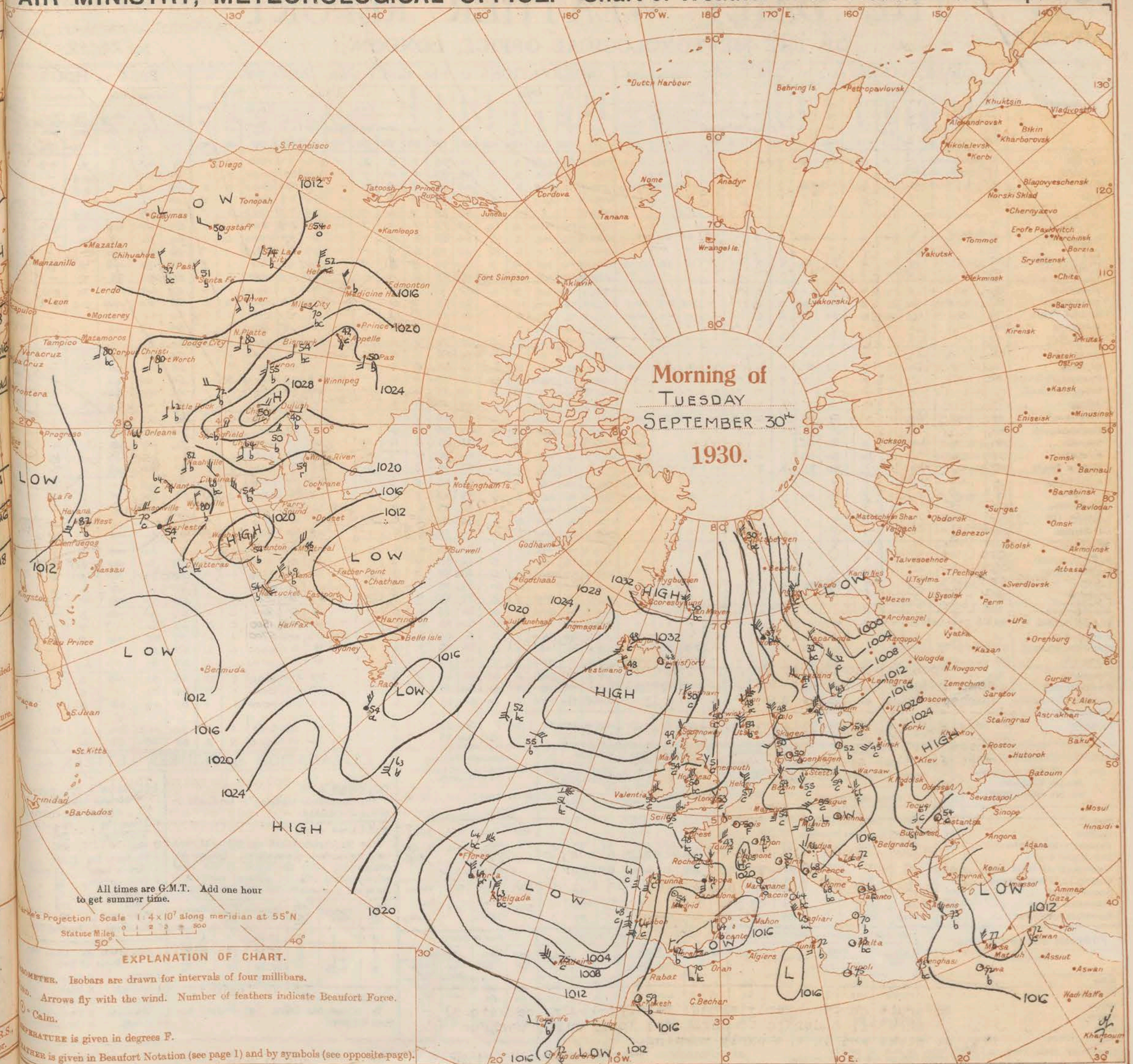
None issued.

Forecasts issued at 0900 G.M.T.

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

30th September 1930.

No. 25,149.

OBSERVATIONS at 1 hr. G.M.T. 30th September

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
Lerwick	54	1026·5	0	N	3	ido	48	95	7	6	—	—	10	10	1500
Stornoway	34	1028·5	-4	N'E	2	•	•	•	7	•	•	•	•	10	•
Wick	81	1027·0	-4	NW	2	bc	49	95	8	3	4	—	4-6	4-6	2500
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1025·5	-6	N	4	c	54	95	7	4	—	—	9+	9+	2500
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inchkeith (Edin.)	190	1025·1	-8	NE	5	o	51	85	8	5	—	—	10	10	1500
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1023·4	-4	NE	2	c	50	95	7	6	—	—	7-8	7-8	1500
Blacksod Point	10	1025·5	-2	E	4	c	53	75	6	5	—	—	10	10	220
Aldergrove	238	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1021·7	-2	E'N	3	c	52	85	6	5	—	—	9	9	4000
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	23	1019·9	-2	NNE	4	c	54	95	7	3	2	—	4-6	9	4000
Birmingham	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	241	1020·3	0	NNW	3	c	50	95	7	5	—	—	10	10	1500
Gorleston	14	1018·5	-4	NE	3	bc	54	96	7	4	—	—	2-3	2-3	4000
Valentia Obs.†	30	1028·4	+6	NE'E	2	c	50	95	8	7	—	—	9+	9+	5700
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke	150	1020·5	0	NNE	2	z	52	95	5	5	—	—	10	10	2500
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cardington	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1018·2	0	NE	1	f	52	95	3	5	—	—	10	10	<160
Manston	135	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	55	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	163	1018·8	-8	E'N	2	c	52	95	7	7	—	—	7-8	7-8	4000
Falmouth	200	1019·7	0	N'E	2	o	52	95	7	5	—	—	10	10	4000
Plymouth	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1017·4	+2	NE'N	4	c	54	95	7	5	—	—	7-8	7-8	1500
Calshot, S'hampton	8	1017·8	0	N	2	b	52	95	7	—	—	—	0	0	—
Dungeness	20														
Lympne	347	1017·7	-2	NNE	3	b	46	95	5	—	—	—	0	0	—
Guernsey	173	1017·1	-8	—	0	b	52	95	6	—	—	—	0	0	—

OBSERVATIONS at 7 hr. G.M.T. 30th September

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
Lerwick	1025·9	+6	ENE	3	c	50	95	7	5	2	—	4-6	9+	1500	1	•
Stornoway	1027·5	-2	NE	2	c	49	85	8	4	—	—	10	10	4000	0	1
Wick	1027·7	0	NW	3	c	48	95	8	8	1	—	7-8	9+	1500	0	2
Tiree	1026·0	•	NNE	4	c	51	75	9	5	—	—	7-8	7-8	4000	0	2
Nairn	1026·8	•	E	1	d	48	95	7	6	—	—	7-8	7-8	1500	1	•
Aberdeen	1026·0	+4	NNW	3	iro	48	95	7	6	7	—	2-3	7-8	800	1	1
Malin Head	1024·8	+4	NE	3	c	54	85	9	4	—	—	9+	9+	4000	0	1
Renfrew	1026·1	+4	—	0	bc	43	95	6	5	—	—	2-3	2-3	2500	1	•
Inchkeith (Edin.)	1024·8	+6	NE	4	c	50	95	8	5	4	—	7-8	9	800	1	2
Leuchars	1025·8	+10	NE	2	bc	47	95	8	4	—	—	4-6	4-6	4000	1	•
Eskdalemuir	1024·9	+10	NE	3	c	47	96	7	5	—	—	9	9	1500	1	•
Tynemouth	1023·8	+6	NNE	1	c	51	75	7	6	—	—	7-8	7-8	1500	0	2
Blacksod Point	1024·8	-2	E	4	c	54	75	8	5	—	—	10	10	220	0	3
Aldergrove	1024·3	0	NNE	2	c	51	85	7	5	—	—	10	10	800	1	•
Donaghadee	1024·1	+2	NE	3	c	53	75	8	5	—	—	7-8	7-8	2500	0	2
Birr Castle	1023·0	-2	N	1	o	50	95	7	5	—	—	10	10	2500	0	•
Holyhead	1021·9	+2	E	3	bc	50	85	8	5	3	—	Tr	2-3	4000	0	1
Liverpool (Bidston)	1022·9	+2	NE'N	2	bc	47	85	4	4	—	—	2-3	2-3	4000	0	•
Chester (Sealand)	1022·5	+4	N	2	z	46	95	6	5	—	—	4-6	4-6	2500	0	•
Harrogate	1023·5	0	NNW	3	c	48	95	6	5	—	—	9	9	2500	1	•
Spurn Head	1020·6	0	NE'N	4	c	55	95	7	4	7	1	4-6	9+	4000	0	3
Birmingham	1021·6	+2	NNE	3	o	49	95	5	5	—	—	10	10	800	1	•
Cranwell	1020·8	+6	N'W	3	o	52	95	6	5	—	—	10	10	460	1	•
Gorleston	1018·9	+6	N'W	1	c	50	85	6	7	—	—	7-8	7-8	2500	1	2
Valentia Obs.†	1021·1	-8	ENE	4	c	50	85	8	4	3	9	2-3	9	1500	0	2
Roches Point	1021·1	-4	NE	3	c	50	95	8	3	—	—	7-8	7-8	2500	0	2
Pembroke	1019·6	+4	NE	3	c	49	95	7	4	8	—	7-8	9+	2500	0	1
Ross-on-Wye	1020·9	+6	NNE	2	o	50	85	6	5	—	—	10	10	800	1	•
Leafield	1020·2	+6	~~SW~~ (red: NE)	~~2~~ (red: 4)	o	~~48~~ (red: 49)	95	6	5	—	—	10	10	220	1	•
Cardington	1019·6	+6	N'W	2	c	51	95	5	5	1	—	7-8	9+	800	1	•
Winchester	1019·3	+8	NE	1	c	51	95	6	5	—	—	7-8	7-8	1500	1	•
S. Farnborough	1019·2	+12	NE	1	o	52	95	6	5	—	—	10	10	1500	1	•
London (Kew)	1019·9	+10	NNE	1	c	53	95	5	5	2	—	9	10	2500	1	•
Croydon	1019·8	+10	—	0	m	52	95	4	5	—	—	10	10	450	1	•
Manston	1018·5	+4	NW	2	z	52	95	6	5	9	—	2-3	9+	2500	0	•
Shoeburyness	1019·4	+4	NNW	1	m	52	95	4	5	—	—	10	10	800	0	•
Clacton-on-Sea	1018·6	+10	N	3	bc	50	95	6	7	4	—	~~4-6~~ (red: 3)	4-6	1500	0	2
Felixstowe	1019·2	+10	NNW	1	z	50	95	5	5	—	2	2-3	4-6	5700	1	1
Scilly (St. Mary's)	1018·0	-6	NE	4	c	55	95	7	5	—	—	9	9	4000	0	2
Falmouth	1018·6	0	NNE	3	iro	52	95	7	8	—	—	9	9	4000	1	1
Plymouth	1018·3	0	ENE	3	bc	53	95	7	8	—	—	2-3	2-3	2500	1	0
Portland Bill	1018·0	+8	NE	4	c	54	95	8	8	—	—	7-8	7-8	1500	1	3
Calshot, S'hampton	1018·7	+6	NNE	2	bc	50	95	6	5	3	—	2-3	2-3	4000	1	1
Dungeness																
Lympne	1018·9	+10	N	3	F	50	95	1	5	—	—	10	10	<150	1	•
Guernsey	1017·5	+4	—	0	o	54	95	7	5	—	—	10	10	2500	2	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 29th Hrs. (36)
Lerwick	51	47	•	Tr.	0·3	0·0
Stornoway	53	48	•	0.2	—	2·0
Wick	53	47	•	0.5	0·3	•
Tiree	54	51	49	-	—	0·4
Nairn	53	48	•	0.4	1	0·7
Aberdeen	55	47	43	Tr.	0·5	2·2
Malin Head	54	51	•	-	—	0·1
Renfrew	58	41	30	-	—	1·3
Inchkeith (Edin.)	58	50	48	Tr.	Tr.	2·8
Leuchars	57	44	~~33~~ (red: 3)	Tr.	~~—~~ (red: Tr.)	1·5
Eskdalemuir	52	45	41	Tr.	0·1	1·3
Tynemouth	53	50	44	0.5	0·3	•
Blacksod Point	56	52	•	-	—	•
Aldergrove	54	48	42	-	—	0·1
Donaghadee	54	52	•	-	—	•
Birr Castle	54	48	48	-	—	0·1
Holyhead	55	50	45	Tr.	—	0·0
Liverpool (Bidston)	54	46	42	-	—	0·7
Chester (Sealand)	56	44	35	-	—	0·4
Harrogate	51	46	42	Tr.	—	0·0
Spurn Head	57	53	•	-	1	4·1
Birmingham	54	48	47	-	—	0·0
Cranwell	56	49	46	-	4	0·6
Gorleston	60	49	47	11	15	0·3
Valentia Obs.†	57	48	42	-	Tr	6·7
Roches Point	57	48	•	-	Tr.	•
Pembroke	56	48	•	-	Tr	4·7
Ross-on-Wye	53	49	49	1	—	0·2
Leafield	52	48	48	0.4	4	0·1
Cardington	55	51	48	1	4	0·0
Winchester	54	50	46	4	3	0·0
S. Farnborough	55	51	47	6	5	0·
London (Kew)	58	52	47	2	3	0·
Croydon	57	51	48	6	6	0·
Manston	60	43	36	Tr.	~~Tr~~ (red: 1)	3·
Shoeburyness	62	46	40	3	—	7
Clacton-on-Sea	60	50	47	3	—	
Felixstowe	59	48	44	8	3	5
Scilly (St. Mary's)	57	50	•	-	—	
Falmouth	53	51	•	0.1	Tr	0·
Plymouth	55	52	48	5	0·2	0·6
Portland Bill	54	52	•	5	Tr.	•
Calshot, S'hampton	57	49	43	6	0·1	0·7
Dungeness			•			•
Lympne	61	42	34	2	0·1	4·5
Guernsey	58	49	43	6	7	2·5

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.
9h—18h, Kensington.
9h—21h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	cir	cmorcmo	ofrrfmo	58	52	47	2	3	0·2	•	•	6
Croydon	244	crormfrr	cirobcm	bcmofmfm	57	51	48	6	6	0·0	•	•	4
Greenwich (Royal Observatory)	149	crrc	cp (red: r)	cpcrcm	59	51	48	(red: Tr) 6	(red: Tr)	0·1	88	93	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	0·5	•	•	•
Westminster (St. James' Park)	27	•	•	•	59	53	49	6	•	0·3	83	87	•
Regents Pk. (Botanic Gardens)	168	•	•	•	•	•	•	•	•	0·5	•	•	•
Camden Square	110	oor	orc	•	57	51	•	1	5	•	•	94	•
Kensington Palace	80	orco	coro	•	58	52	44	3	5	•	At 18h. 93	93	•
Hampstead Observatory	450	bcorm	orm	•	55	48	42	6	5	0·4	•	97	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 30th.

South Kensington Max.	Time.	Min.	Time.
1·2	12h. 29th.	0·8	2h.-5h. 30th.

Kew Observatory Max.	Time.	Min.	Time.
0·3	18h. 29th.	0·1	3h. 30th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 29th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 30th September Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1016·1	NNW	1	iro	54	1019·0	—	0	f-	50	63	48	—	Tr.
Brussels	1015·9	NE	2	z	54	1017·8	WNW	3	cf	54	55	52	—	Tr.
Berlin	1019·5	NE	2	c	63	1013·9	NE	3	c	55	64	54	—	—
Zürich	1017·4	SE	1	rr	52	1019·4	SE	1	c	46	55	45	2	1
Rome						1018·7	ENE	1	bc	68		61		—

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13–18	9	47–54
1	1-3	5	19–24	10	55–63
2	4-7	6	25–31	11	64–75
3	8–12	7	32–38	12	75
		8	39–46		

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0·1 mm.

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	1¼ miles.
5	Poor visibility	2½ „
6	Moderate „	6¼ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

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.

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

G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

10 † 1 hr. observations are from Valentia W/T station.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION.
ADDITIONS & CORRECTIONS.

September, 1930.

I.—CORRECTIONS.

Date of Report.	Page.	Station.	Col. No.	Correct Entry.
1st	1	PLYMOUTH	7	75
	1	LEUCHARS	40	cwbcw
	1	ALDERGROVE	37	cbc
	4	TYNEMOUTH	5	m.
	4	"	29	1
	4	HOLYHEAD	20	56
	4	CLACTON-ON-SEA	15	1026·4
	4	LERWICK	36	3·8
	4	TIREE	33	35
	4	MALIN HEAD	36	12·7
2nd	1	WICK	6	58
	1	TIREE	1	1027·7
	1	"	8	9
	1	"	10	7
	1	BIRR CASTLE	1	1028·8
	1	LEUCHARS	15	1025·0
	1	"	20	60
	1	BIRMINGHAM	29	0
	1	PEMBROKE	19	2
	1	LEAFIELD	29	0
	1	CLACTON-ON-SEA	17	E
	1	LEAFIELD	37	bc
	1	MANSTON	39	b
	4	WICK	24	–
	4	LEUCHARS	29	1
	4	BLACKSOD PT	20	54
	4	LEAFIELD	32	48
	4	FALMOUTH	32	56
3rd	1	ESKDALEMUIR	16	–2
	1	BLACKSOD POINT	6	65
	1	ROSS-ON-WYE	6	69
	1	LEAFIELD	1	1027·9
	1	FALMOUTH	11	9
	4	TYNEMOUTH	20	51
	4	"	24	–
	4	"	25	–
	4	"	27	2-3
	4	ALDERGROVE	29	1
	4	BIRMINGHAM	15	1028·9
	4	VALENTIA	16	–8
4th	1	BLACKSOD POINT	20	67
	1	ALDERGROVE	37	bm.3.y
	1	"	40	cm.r.
	1	SPURN HEAD	3	SE'E
	1	" "	4	3
	1	ROCHES POINT	3	SE
	1	" "	40	bccodffoe
	1	S. FARNBOROUGH	6	71
	1	PLYMOUTH	38	byc
	1	CALSHOT	6	70
	4	LERWICK	22	8
	4	"	32	45
	4	NAIRN	20	53
	4	CALSHOT	31	71
5th	1	LERWICK	8	8
	1	BLACKSOD POINT	6	63
	1	BIRMINGHAM	26	2-3
	1	ROSS-ON-WYE	24	6
	1	CARDINGTON	29	0
	1	WINCHESTER	40	cpr.tlcm.
	1	LYMPNE	37	bcb–
	4	BLACKSOD POINT	34	0·3
	4	BIRR CASTLE	21	95
	4	LEAFIELD	36	5·7
	4	MANSTON	22	6
	4	LYMPNE	21	85
6th	1	LERWICK	17	SE
	1	"	28	800
	1	TIREE	7	85
	1	"	39	cid.
	1	INCHKEITH	39	cbc
	1	BLACKSOD POINT	18	4
	1	BIRR CASTLE	37	oc–c
	1	LIVERPOOL	22	9
	1	SPURN HEAD	4	4
	1	BIRMINGHAM	5	C
	1	"	12	9+
	1	"	13	9+

Date of Report.	Page.	Station.	Col. No.	Correct Entry.
6th	1	VALENTIA	39	bccirc
	1	CARDINGTON	7	75
	4	INCHKEITH	3	WSW
	4	BLACKSOD POINT	29	1
	4	" "	35	7
	4	SPURN HEAD	11	–
	4	PEMBROKE	27	10
	4	SCILLY	29	0
7th	1	RENFREW	37	bccr.
	1	"	39	orrcr.
	1	BLACKSOD POINT	17	SW
	1	ALDERGROVE	38	ctlRcp.c
	1	BLACKSOD POINT	3	SW
	1	HOLYHEAD	39	pr.cb
	1	LIVERPOOL	19	i d.
	1	GORLESTON	17	SW'S
	1	VALENTIA	4	4
	1	"	11	1
	1	GORLESTON	25	–
	1	KEW	26	4-6
	1	MANSTON	24	–
	1	"	25	2
	4	LERWICK	1	1010·2
	4	WICK	19	oFF
	4	BLACKSOD POINT	5	ir
	4	" "	34	3
	4	" "	35	3
	4	GORLESTON	15	1008·8
	4	WINCHESTER	35	2
8th	1	TIREE	30	3
	1	MALIN HEAD	28	1500
	1	BIRR CASTLE	37	or.cpr
	1	" "	38	cprc
	1	CRANWELL	38	cpr
	1	CLACTON-ON-SEA	26	4-6
	1	PLYMOUTH	39	bcvb
	4	TIREE	15	1011·1
	4	"	30	3
	4	MALIN HEAD	28	2500
	4	HOLYHEAD	33	51
	4	BIRMINGHAM	29	1
9th	1	STORNOWAY	12	7-8
	1	BIRR CASTLE	38	coir.
	1	BIRMINGHAM	17	SW
	1	CRANWELL	2	–2
	1	ROCHES POINT	4	3
	1	" "	38	oid.clr.c
	1	LEAFIELD	39	cbc
	4	STORNOWAY.	24	2
	4	"	35	10
	4	BLACKSOD POINT	35	1
	4	SPURN HEAD	30	3
	4	LEAFIELD	17	S
	4	"	19	fg
	4	MANSTON	17	E'S
	4	FALMOUTH	21	95
10th	1	TIREE	7	85
	1	MALIN HEAD	2	+4
	1	INCHKEITH	15	1009·9
	1	"	16	–4
	1	"	17	ENE
	1	"	18	3
	1	"	20	57
	1	"	28	2500
	1	"	30	1
	1	ALDERGROVE	38	co.m.tlr.R
	1	BIRR CASTLE	7	8
	1	PEMBROKE	15	1008·2
	4	INCHKEITH	18	2
	4	"	34	–
	4	BLACKSOD POINT	28	–
	4	" "	34	0·3
	4	BIRR CASTLE	33	37
	4	" "	36	5·7
	4	HOLYHEAD	29	1
	4	"	30	0
	4	"	33	52
	4	GORLESTON	34	Tr

Date of Report.	Page.	Station.	Col. No.	Correct Entry.
10th	4	PORTLAND BILL	25	1
	4	LYMPNE	29	1
11th	1	TIREE	29	0
	1	NAIRN	39	rcf
	1	ESKDALEMUIR	38	cbcc
	1	BIRR CASTLE	23	9
	1	LIVERPOOL	5	C
	1	S. FARNBORO:	11	8
	1	"	27	2-3
	1	"	40	bcwoid.
	1	PLYMOUTH	37	bcm.cr
	4	LERWICK	34	–
	4	TIREE	17	NE
	4	"	18	1
	4	NAIRN	35	1
	4	LEUCHARS	29	1
	4	BLACKSOD POINT	14	2500
	4	LIVERPOOL	25	6
	4	SEALAND	25	1
	4	"	23	–
	4	"	26	0
	4	"	27	2-3
	4	"	28	–
	4	ROCHES POINT	35	Tr
	4	LEAFIELD	15	1011·3
	4	"	18	1
	4	KEW	17	NE
	4	MANSTON	25	6
12th	1	LERWICK	6	55
	1	WICK	5	ir.
	1	HOLYHEAD	11	8
	1	CRANWELL	5	ir.
	1	PEMBROKE	6	65
	1	LEAFIELD	27	7-8
	4	RENFREW	15	1017.9
	4	"	17	NE'E
	4	DONAGHADEE	16	+6
	4	HOLYHEAD	18	3
	4	PEMBROKE	31	66
	4	LEAFIELD	19	C
	4	CLACTON-ON-SEA	19	C
	4	SCILLY	36	6·3
	4	FALMOUTH	32	56
	4	PORTLAND BILL	1	1010.5
	4	LYMPNE	20	59
13th	1	LERWICK	13	7-8
	1	"	17	SE'S
	1	LIVERPOOL	21	75
	1	BIRMINGHAM	6	60
	1	ROCHES POINT	6	61
	1	" "	39	cow
	1	WINCHESTER	19	C
	1	"	39	cm.bcb
	1	MANSTON	8	5
	1	CLACTON-ON-SEA	23	–
	1	" "	26	–
	1	" "	28	–
	1	FALMOUTH	5	C
	1	"	13	10
	1	PORTLAND BILL	22	6
	4	LERWICK	36	2·7
	4	STORNOWAY	22	7
	4	WICK	11	9
	4	"	21	95
	4	TIREE	31	59
	4	INCHKEITH	29	1
	4	"	31	59
	4	TYNEMOUTH	3	ENE
	4	BLACKSOD POINT	35	1
	4	ALDERGROVE	34	Tr
	4	SEALAND	15	1008·5
	4	SPURN HEAD	9	6
	4	ROCHES POINT	15	995·0
	4	" "	16	–14
	4	" "	30	5
14th	1	WICK	8	5
	1	TIREE	7	75
	1	RENFREW	19	r.r.

Date of Report.	Page.	Station.	Col. No.	Correct Entry.
14th	1	ALDERGROVE	3	NE'N
	1	"	29	1
	1	BIRMINGHAM	15	1000·9
	1	LEAFIELD	22	8
	1	CALSHOT	22	8
	4	WICK	7	85
	4	"	8	8
	4	"	14	2500
	4	TYNEMOUTH	21	95
	4	BLACKSOD POINT	9	7
	4	" "	34	1
	4	ALDERGROVE	31	57
	4	"	34	0·3
	4	BIRR CASTLE	25	1
	4	SEALAND	31	59
	4	ROSS-ON-WYE	19	r.r.
	4	KEW	16	+36
15th	1	TIREE	30	3
	1	NAIRN	20	53
	1	BIRMINGHAM	5	C
	1	CRANWELL	40	bw
	1	ROCHES POINT	40	bbccw
	1	PLYMOUTH	38	cqb
	4	ESKDALEMUIR	33	35
	4	TYNEMOUTH	1	1016·8
	4	BLACKSOD POINT	24	3
	4	" "	34	0·3
	4	SEALAND	17	NW'W
	4	GORLESTON	26	9
	4	"	27	9
	4	CLACTON-ON-SEA	31	59
16th	1	BLACKSOD POINT	14	–
	1	BIRR CASTLE	37	bcc
	1	LIVERPOOL	20	56
	1	BIRMINGHAM	22	7
	1	VALENTIA	9	7
	1	"	10	–
	1	"	16	–18
	4	MALIN HEAD	35	04
	4	BLACKSOD POINT	5	RR
	4	" "	8	6
	4	" "	35	10
	4	PEMBROKE	21	95
	4	CARDINGTON	25	6
	4	KEW	20	49
17th	1	WICK	23	5
	1	ALDERGROVE	38	om.r.d.srm
	1	LIVERPOOL	1	1014·4
	1	GORLESTON	7	85
	1	ROCHES POINT	3	N
	1	LEAFIELD	25	–
	4	LERWICK	20	50
	4	WICK	20	49
	4	MALIN HEAD	36	0·2
	4	TYNEMOUTH	21	85
	4	PLYMOUTH	26	9
18th	1	BLACKSOD POINT	5	C
	1	" "	13	7-8
	1	SEALAND	40	cqpr.
	1	CRANWELL	16	–20
	1	CALSHOT	14	800
	1	ROSS-ON-WYE	3	SE'E
	4	MALIN HEAD	31	59
	4	ESKDALEMUIR	15	986·1
	4	BLACKSOD POINT	35	3
	4	SPURN HEAD	21	95
	4	PEMBROKE	19	pr
	4	LEAFIELD	23	5
	4	SHOEBURYNESS	36	2·0
	4	FALMOUTH	14	4000
19th	1	TIREE	29	0
	1	BLACKSOD POINT	17	SW
	1	DONAGHADEE	24	3
	1	HOLYHEAD	40	bc c
	1	CRANWELL	27	4-6
	1	LYMPNE	1	1007·9
	1	GUERNSEY.	7	65
	4	STORNOWAY.	22	7

Date of Report.	Page.	Station.	Col. No.	Correct Entry.
19th	4	LEUCHARS	29	2
	4	"	34	19
	4	BLACKSOD POINT	34	0.5
	4	BIRMINGHAM	34	C·1
	4	ROCHES POINT	17	–80
	4	FELIXSTOWE	34	–
	4	SCILLY	8	8
	4	CALSHOT	34	–
	4	LYMPNE	29	1
	4	GUERNSEY.	34	–
20th	1	LERWICK	1	998.6
	1	INCHKEITH	6	55
	1	"	40	or.r.cir
	1	ALDERGROVE	18	3
	1	LEAFIELD	6	63
	1	"	7	65
	1	CARDINGTON	3	S
	1	WINCHESTER	2	+4
	4	LERWICK	15	992·3
	4	BLACKSOD POINT	17	WNW
	4	" "	28	<150
	4	" "	34	7
	4	" "	35	3
	4	SPURN HEAD	19	cpr
	4	GORLESTON	29	1
	4	PEMBROKE	2	–20
	4	WINCHESTER	16	+20
	4	"	28	800
	4	"	31	64
	4	"	34	8
	4	FALMOUTH	19	ir.
	4	CALSHOT	27	4-6
	4	"	28	7-8
21st	1	WICK	15	986·7
	1	TIREE	39	cbc
	1	INCHKEITH	38	corrir
	1	ESKDALEMUIR	17	W'N
	1	BLACKSOD POINT	3	WNW
	1	" "	17	WNW
	1	S. FARNBORO:	9	5
	1	CALSHOT	9	7
	1	LYMPNE	1	992·3
	1	"	16	+16
	1	GUERNSEY.	30	0
	4	STORNOWAY.	36	7·6
	4	MALIN HEAD	21	85
	4	BLACKSOD POINT	3	WNW
	4	" "	34	8
	4	" "	35	0·5
	4	LIVERPOOL	32	53
	4	BIRMINGHAM	18	3
	4	PEMBROKE	26	4-6
	4	S. FARNBORO:	36	2·3
	4	FELIXSTOWE	27	9
	4	GUERNSEY	34	1
22nd	1	LERWICK	9	1
	1	TIREE	18	1
	1	"	22	7
	1	DONAGHADEE	1[illegible]	1
	1	LIVERPOOL	26	3
	1	ROSS-ON-WYE	37	cp.bcc
	1	S. FARNBORO:	29	1
	1	CLACTON-ON-SEA	26	2-3
	4	RENFREW	26	9+
	4	BLACKSOD POINT	35	4
	4	CRANWELL	36	8·0
	4	VALENTIA	31	60
	4	LEAFIELD	19	if
	4	"	20	52
	4	FALMOUTH	29	<150
	4	"	32	56
	4	"	5	d.d.
	4	LYMPNE	34	2
23rd	1	LERWICK	18	1
	1	WICK	1	1010·5
	1	TIREE	19	r.r.
	1	NAIRN	24	2
	1	"	25	–

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

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION.
ADDITIONS & CORRECTIONS.
September, 1930.

I.—CORRECTIONS.

Date of Report.	Page.	Station.	Col. No.	Correct Entry.
23rd	1	HOLYHEAD	39	ffm
	1	"	40	moidoc
	1	SEALAND	37	irocir
	1	PEMBROKE	40	o
	1	FALMOUTH	12	4-6
	1	"	26	4-6
	1	LYMPNE	8	6
	1	"	38	oadoFF
	4	BLACKSOD POINT	34	1
	4	" "	35	17
	4	LEAFIELD	33	50
	4	CARDINGTON	34	0.2
	4	LYMPNE	33	59
24th	1	TIREE	37	dir
	1	BIRR CASTLE	19	c/ro
	1	VALENTIA	14	800
	1	ROCHES POINT	39	oidc
	4	TIREE	17	SW'S
	4	RENFREW	15	10033
	4	ESKDALEMUIR	34	13
	4	BLACKSOD POINT	34	10
	4	" "	35	5
	4	CRANWELL	17	SW'W
	4	S. FARNBORO':	19	c/r
	4	"	26	9
	4	"	27	9
25th	1	WICK	23	8
	1	MALIN HEAD	2	+2
	1	MANSTON	38	cbc
	1	CALSHOT	28	1500
	4	ABERDEEN	36	6.0
	4	MALIN HEAD	15	1010 9
	4	INCHKEITH	17	WSW
	4	BLACKSOD POINT	34	5
	4	" "	35	3
	4	BIRR CASTLE	23	9
	4	HOLYHEAD	6	56
	4	SCILLY	15	1019.8
26th	1	NAIRN	26	7-8
	1	"	27	7-8
	1	RENFREW	18	3
	1	"	21	7
	1	"	39	cbcw
	1	"	40	bbcw
	1	INCHKEITH	37	bcc
	1	HARROGATE	4	4
	1	MANSTON	38	cprrc
	1	PORTLAND BILL	5	c/pr
	1	" "	29	o
	1	LYMPNE	18	3
26th	4	WICK	26	4 6
	4	BLACKSOD POINT	34	5
	4	" "	35	2
	4	BIRR CASTLE	23	8
	4	CRANWELL	36	6.7
	4	VALENTIA	28	1500
	4	ROSS-ON-WYE	20	45
	4	SHOEBURYNESS	26	7-8
	4	"	27	9
	4	"	35	Tr
	4	LYMPNE	29	1
	4	"	33	38
27th	1	RENFREW	13	4-6
	1	"	17	NE'N
	1	ESKDALEMUIR	4	5
	1	ALDERGROVE	22	7
	1	LIVERPOOL	8	9
	1	SPURN HEAD	24	-
	1	" "	29	0
	1	ROCHES POINT	22	9
	1	" "	38	cvpbcy
	1	S. FARNBORO:	39	croir
	1	"	40	cir
	4	TYNEMOUTH	6	52
	4	BLACKSOD POINT	32	51
	4	" "	34	0.5
	4	GORLESTON	32	50
	4	"	33	46
	4	ROCHES POINT	34	1
	4	PEMBROKE	5	ido
	4	ROSS-ON-WYE	34	Tr
	4	S. FARNBORO:	19	c/r
	4	GUERNSEY	32	53
	4	"	33	50
28th	1	TIREE	27	b-c
	1	DONAGHADEE	17	ENE
	1	BIRR CASTLE	15	1023.2
	1	CRANWELL	38	bcbbc
	1	VALENTIA	5	b
	1	"	13	1
	1	PEMBROKE	10	-
	4	RENFREW	31	55
	4	BIRR CASTLE	21	9
	4	" "	28	4000
	4	PEMBROKE	26	2-3
	4	FALMOUTH	31	58
	4	GUERNSEY	15	1018.3
29th	1	TIREE	15	1029.9
	1	"	39	bc
	1	ABERDEEN	40	crobc
29th	1	BIRR CASTLE	14	4000
	1	GORLESTON	17	NNE
	1	"	37	oircq
	1	ROSS-ON-WYE	16	+6
	1	S. FARNBORO':	16	+6
	1	CLACTON-ON-SEA	17	NE
	1	SCILLY	3	E'N
	1	PLYMOUTH	38	bbc
	4	TIREE	17	NE'N
	4	ESKDALEMUIR	17	NE'N
	4	CALSHOT	16	-4
	4	GUERNSEY	31	62
30th	1	TIREE	3	NE'N
	1	RENFREW	40	cbcmow
	1	BIRR CASTLE	38	oco
	1	HOLYHEAD	19	c
	1	"	38	cpro
	1	LIVERPOOL	25	1
	1	CRANWELL	26	4-6
	1	ROCHES POINT	10	-
	1	LEAFIELD	39	o-orr
	1	"	40	rro
	1	WINCHESTER	18	3
	1	FALMOUTH	17	N
	1	PLYMOUTH	39	omocpro
	1	CALSHOT	29	1
	4	LEUCHARS	33	33
	4	"	35	Tr
	4	LEAFIELD	17	N'E
	4	"	18	4
	4	"	20	49
	4	MANSTON	35	1
	4	CLACTON-ON-SEA	26	2-3

LONDON OBSERVATIONS
PAGE 4

1st	GREENWICH. VISIBILITY. 7.
	HAMPSTEAD. be. bc. 70. 47. * - Tr. SUN 3·2.78
3rd	KEW. VISIBILITY. 3.
	WESTMINSTER. 73. 55. 50. - - 43. 77.
	KEW. POLLUTION. MAX. 0·4 8h. 2nd. MIN 0·1. 18h 2nd
7th	WESTMINSTER. 69. 55. 52. 8. 73. 77
	REGENTS PARK. SUN 1·7
11th	CAMDEN SQUARE
	c. cor. 19. 59. * 10. 10. 94
13th	HAMPSTEAD
	o, or. od. 60. 50. 50. 1. 0.1 91
14th	REGENTS PARK. SUN. 0.0

Date of Report.	
14th	WESTMINSTER.
	63. 55. 52. 7. 63. 87.
	CAMDEN SQUARE
	ocr. orc. 63. 54. * 8. 1. 90.
15th	KEW. visibility. 6.
	" POLLUTION. MAX. 0·2. 6h 15th.
	" " MIN. <0·1. 9h 14th.
19th	GREENWICH. MAX 66.
21st	WESTMINSTER
	62. 55. 53. 7. 62. 90.
22nd	CITY. SUN. 2·9.
24th	WESTMINSTER.
	67. 61. 56. - 72. 80
28th	CITY. SUN. 4·7
	WESTMINSTER.
	60. 51. 47. 1. 3·9. 60. 88.
	HAMPSTEAD. SUN. 3·5
30th	GREENWICH. Weather afternoon. cporr.
	DAY. rain. 6. Night rain Tr. SUN. 0.1.

HEALTH RESORTS
PAGE. 2.

1st	LEAMINGTON. SPA.
	orc. c. 59. 68. 0.4. -. 1.7. 5.0.
	ST. IVES.
	mbcb. b. 55. 64. 0.3. -. 1.7. 0.8.
	PENZANCE.
	mcb. b. 55. 68. - - 4.8. 0.2.
	SOUTHPORT. SUN to SUNSET. 0.0
	BOGNOR REGIS. " " " 8.9.
2nd	ABERYSTWYTH. MIN. 52.
3rd	SOUTHEND. MAX. 70.
	BUDE. SUN To 17h. 11.0
	TUNBRIDGE WELLS. SUN to SUNSET. 10.0.
5th.	SKEGNESS. MIN. 48.
	SOUTHPORT. SUN to 17h. 1.5.
6th	SKEGNESS. MIN. 55.
	CHELTENHAM. " 56.
7th	SKEGNESS. " 53.
	ABERYSTWYTH. " 53.
8th	DOVERCOURT. Night Rain. 9
9th	LLANDUDNO. MAX. 63
	DEAL. MIN. 53
10th.	COLWYN BAY. Day Rain. 0.3.
	SKEGNESS. Forenoon. oro. Afternoon. oro.
	LOWESTOFT. Day Rain. 0.2.
	RAMSGATE MIN 56
	" " DAY. Rain Tr

Date of Report.	
11th	ABERYSTWYTH. MIN. 52
	SOUTHEND. Forenoon. od.
12th	SKEGNESS. Afternoon. opro
	CHELTENHAM. MAX. 62
	SKEGNESS. Forenoon. o
13th	LOWESTOFT. MAX 68
	VENTNOR. SUN to 17h. 5.9
14th	ST. IVES.
	c. o. 55. 63. 14. -. 4.2. 7.0
	VENTNOR. SUN to Sunset. 6.0.
16th.	LLANDUDNO. " " " 7.2.
	MORECAMBE. MIN. 51
	BUDE. SUN to 17h. 9.2.
	BOGNOR REGIS. " " " 10.8.
	DOVER " " " 10.5.
17th	BUDE. SUN To SUNSET. 9.2.
18th.	SKEGNESS. MIN. 53.
	DEAL. MAX. 64.
19th.	SKEGNESS. MIN. 53.
	ABERYSTWYTH. " 51.
20th.	DOUGLAS. Forenoon. oq.
	" Afternoon. r.
	MORECAMBE. MIN. 48
	ILFRACOMBE. Afternoon. cop.
21st.	SOUTHPORT. SUN to Sunset. 2.7
	SKEGNESS. MIN. 51
22nd	DOUGLAS.
	b. b. 53. 60. 1. -. 7.5. 0.8.
	SKEGNESS. MIN. 54.
	SOUTHEND. MAX. 68.
	ST. IVES.
	c. c. 53. 61. -. -. 5.1. 0.0.
24th.	RHYL. MIN. 69.
	JERSEY. Day Rain. -
	BOGNOR REGIS. SUN to 17h. 0.4.
27th.	DOVERCOURT. MAX. 55.
30th.	SKEGNESS. MAX. 64.
	DOVERCOURT. SUN to Sunset. 0.2.
	BUDE. MAX. 61
	ST. IVES. " 56.
10th.	ST IVES. Night Rain. 47

II.—ADDITIONS.

Stations.	Date of Report.	Obsn. Date.	Obsn. Hour.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High.	Cloud. Amount. Low 0-10	Cloud. Amount. Total 0-10	Cloud. Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	Temperature. Max. Day 7h-18h °F.	Temperature. Min. Night 18h-7h °F.	Temperature. Min. on Grass °F.	Rainfall. Day 7h-18h mm.	Rainfall. Night 18h-7h mm.	Sunshine. Hrs.	Weather. 7h-13h	Weather. 13h-18h	Weather. 18h-1h	Weather. 1h-7h
BLACKSOD	1st	31st	13h	1029.2	*	E	3	bc	60	75	9	-	4	1	2-3	4-6	7200	-	-										
"	"	"	18h	1028.1	-6	NE	3	bc	58	75	9	-	-	7	0	4-6	-	0	3				-				bc		
"	"	1st	01h	1028.8	0	E'N	1	b	53	85	8	-	-	-	0	0	-	-	-									b	
"	"	"	7h	1028.6	+2	E	1	b	52	85	9	-	-	-	0	0	-	0	3	60	51			-						b
DONAGHADEE	11th	11th	"	1013.4	+10	E	1	m	55	95	4	5	-	-	10	10	800	0	0	62	50			-				coff	ffomo
TIREE	15th	15th	"	1021.9	0	N	3	c	54	75	8	5	8	-	7-8	7-8	5700	0	2	60	52	47		0.4	9.1			bc	pRbc
"	16th	16th	"	1015.0	-10	SE'E	4	c	52	85	9	6	9	-	4-6	9+	2500	0	2	57	43	32		-	9.9			bc	bcc
"	17th	17th	"	1011.5	-4	-	0	dd	53	95	5	5	2	-	9	10	1500	1	1	55	51	50		1	0.0			idrid	c
"	16th	"	18h	1014.0	-4	SE	3	ido	52	95	6	6	2	-	9+	10	800	1	2				1				circ		
PORTLAND BILL	19th	18th	13h	1008.5	+4	SW'W	6	bc	61	75	8	8	4	-	4-6	4-6	2500	-	-							bc			
ALDERGROVE	28th	28th	7h	1027.7	+10	NNE	2	bc	42	95	7	5	3	-	2-3	4-6	1500	1			42	33		Tr	8.7			bcb	bwbc