M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1934.

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

INTRODUCTION

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

NOTES REGARDING THE BRITISH SECTION.

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

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

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

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

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

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

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

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

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

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

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

The observations presented on this chart are not synchronous. Those for most of Europe (excluding Russia) and neighbouring countries refer to 7h. G.M.T., exceptions being:—Bulgaria, Austria, Hungary, Greece, Turkey, Egypt, Sudan, Cyprus, Palestine, Syria (6h. G.M.T.) Azores (8h. G.M.T.). The Greenland observations shown are made at 0h. G.M.T. with the exception of these for Mygbugten, and Torgilsbu which are for 7h. G.M.T.; while those for North America are made at 1h. G.M.T.

In the case of ships at sea, the hour of observation for vessels east of 40° W. is 6h. G.M.T. while that for vessels west of 40° W. is 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 6 hours earlier than do most of those in the eastern sector.

The observations shown for Russia and Siberia are especially to be noted from this standpoint of time. They are made at 7h. *local time* which implies that the absolute time to which they 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 map on the following page shows graphically the hours of observation over the various parts of the weather chart for the Northern Hemisphere.

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

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

The International and Upper Air Sections.

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

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

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

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

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

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

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

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

THE BEAUFORT SCALE OF WIND FORCE.

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

GALE WARNINGS.

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

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

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

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

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

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

▲ North Cone hoisted: ▼ South Cone hoisted:

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

1h. G.M.T.

7h. Local Time.

Oh. G.M.T.

Ships. Oh. G.M.T.

Ships 6h. G.M.T.

Land Stations 6h G.M.T

6h G.M.T

7h. G.M.T.

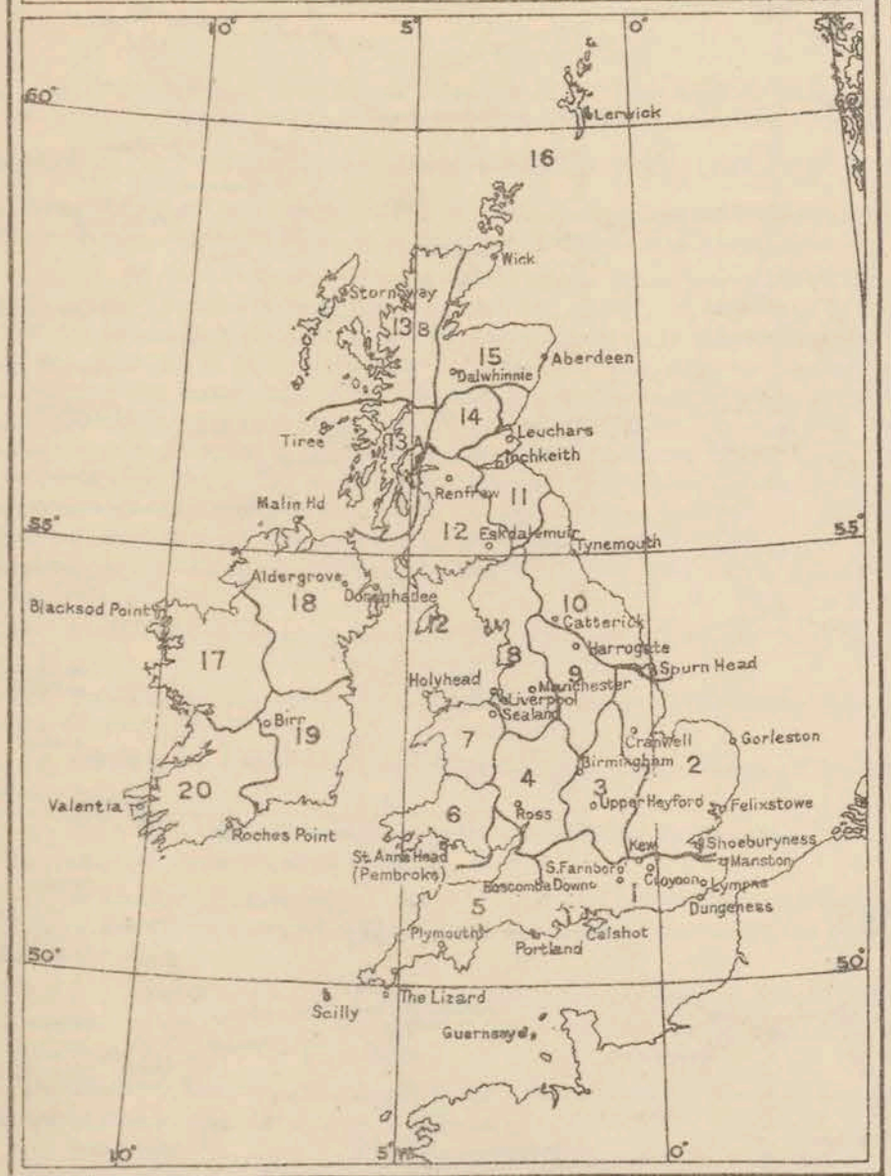
8h. G.M.T

Clarke's Projection Scale 1:4x10⁷ along meridian at 55°N

Statute Miles 0 1 2 3 4 500

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

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS
and the Counties comprised within them.

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

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.
   Carnarvon.
   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.

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

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

The sunshine recorder in Regent's Park was moved to a less obstructed site in the Zoological Gardens on 10th February.

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

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

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

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

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

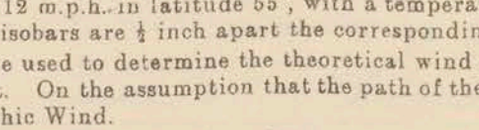
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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

GEOSTROPHIC WIND SCALE FOR

8 mb isobars on $1 : 4 \times 10^7$ 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 vapour pressure at the temperature of the dry bulb:

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

t the dry bulb temperature; and

t' the wet bulb temperature.

The 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 and errors in the Report so found are noted.

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

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

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

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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

September, 1934. No. 213.

Changeable and unsettled. Sunnier than usual. Rainfall below normal in S. and E. England but considerably in excess in the West and North.

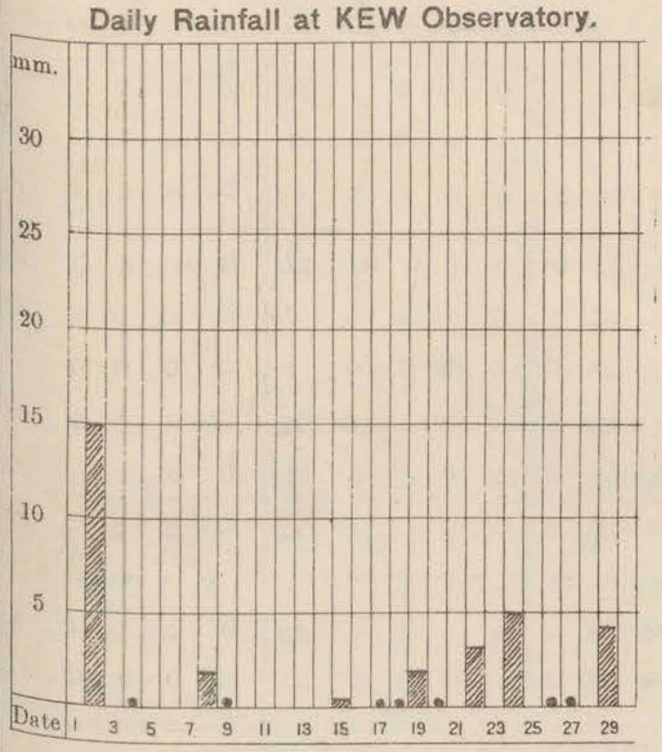
Noteworthy features of the month were the excess of sunshine (20 to 30% above normal) in S.E. and E. England, the deficiency of rain in these areas and the large excess above normal of rainfall in the W. and N. (Eskdalemuir, Renfrew and Valentia recorded approximately twice the normal amount of rain, while Aldergrove rainfall value was the highest value for September recorded at that station since 1927). Temperatures in S. and E. England were markedly above normal. No sunless days were reported at Bournemouth during a period of 162 days ending 21st Sept., while Kew reported 136 days to 23rd.

From 1st to 10th depressions, with associated secondaries, maintained changeable, unsettled conditions generally, with winds mainly S. to S.W., reaching gale force at times in the W. and N. (Tiree reported a gust of 66m.p.h. on 8th). Occasional rain, heavy locally, occurred in most areas. (Petersfield, Hants. 45mm. on 2nd). Thunderstorms were widespread on 1st and local on 3rd and 4th. Sunshine values were very variable, but most areas enjoyed long sunny periods, values over 10hrs. being frequently reported. Temperatures were about or above the average (Maldon 83°F. on 7th). Local fog occurred at times nights and early mornings.

From 11th to 14th an anticyclone over Scandinavia covered the country. Winds were variable mainly light to moderate and weather fine or fair and warm, except in the W. and N. Day temperatures were above the average, values in excess of 80°F. being reported. Widespread fog occurred at nights and early mornings, persisting all day locally on 13th and 14th, particularly in N.E. England and N.E. Scotland. In the W. and N. winds were mainly S.W., moderate to fresh, strong at times, reaching gale force in the N.W. on 11th; rain occurred on 11th and 14th, accompanied by local thunder on the latter date.

From 15th to 30th depressions, with associated secondaries, maintained changeable, unsettled conditions generally, with rain at times, heavy in places (Ambleside reported 71mm. during the 24hrs. ending 5p.m. on 26th). Sunshine values were very variable but long sunny periods were enjoyed almost everywhere, particularly in the S. and E.; values of 10hrs. were frequently reported. Winds were mainly between S. and W., strong to gale at times in the W. and N. (Liverpool reported a gust of 69m.p.h. on 22nd). Thunderstorms, severe locally, were widespread on 15th and local from 16th to 18th and on 29th. Temperatures were about or above normal, many values in excess of 75°F. being reported in S.E. England. The night minimum at Kew 64°F. on 29th was highest ever recorded at that station during the last 10 days of September. Dense fog persisted all day on 15th in E. Scotland and on 16th in N.E. Scotland.

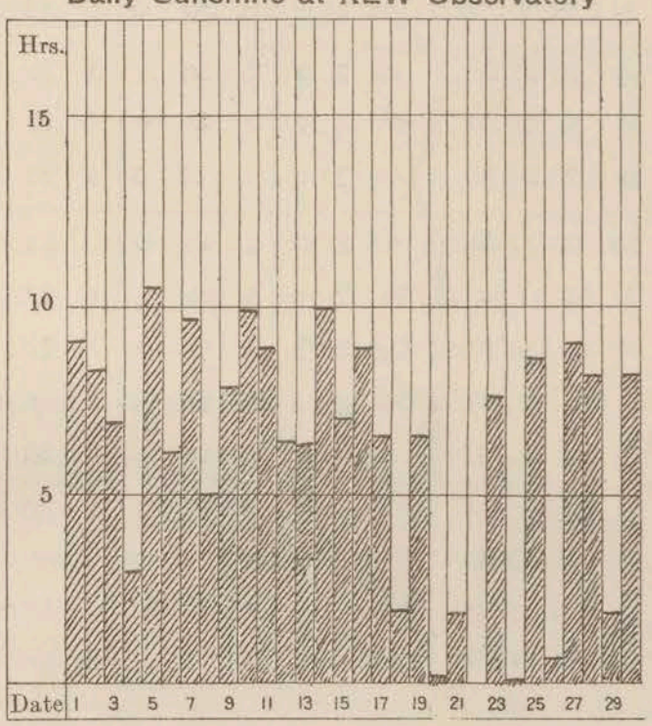
Daily Rainfall at KEW Observatory.



● = Less than 0·5 mm.

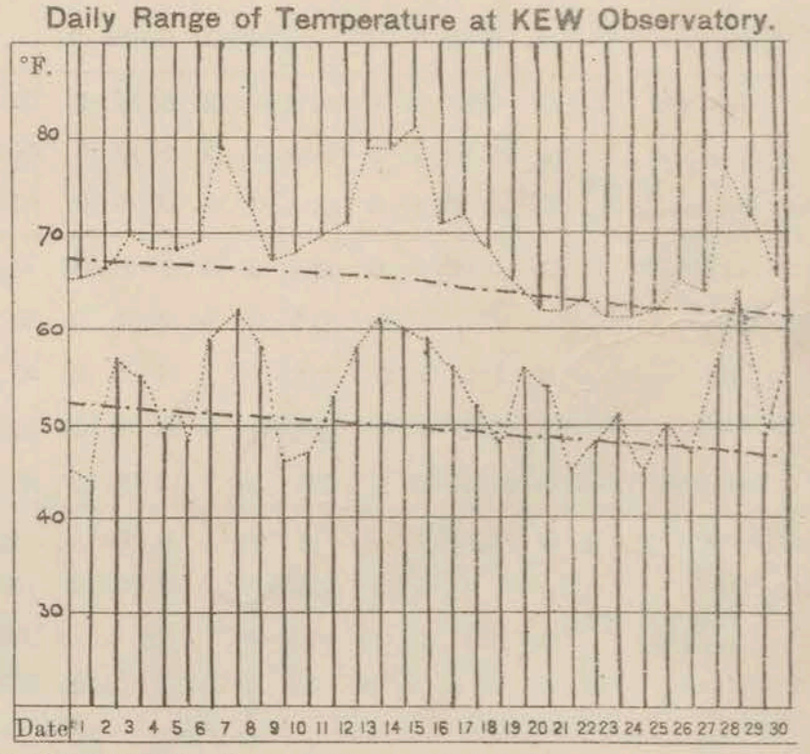
RAINFALL. Total for Month. 32 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 186 hrs.

Daily Range of Temperature at KEW Observatory.



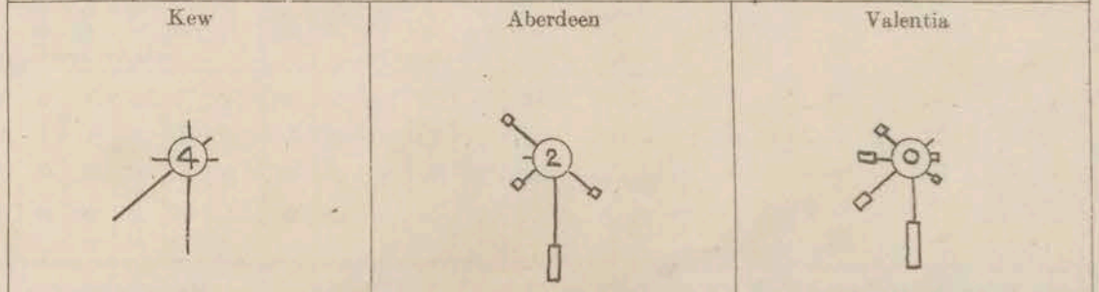
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

Stations.	Pressure		Temperature	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F.	°F.
Kew	1015·9	- 1·5	60·8	+ 3·6
Aberdeen	1009·5	- 5·0	54·1	+ 0·9
Valentia	1010·0	- 6·3	56·5	- 0·3

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

WIND FREQUENCIES AT 7 hr.



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.
Kew ...	5,314
Aberdeen ...	6925
Lerwick ...	11,886
Valentia ...	7.858

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°	Average Maximum. °F.	Minimum. 24°-32°	33°-41°	42°-50°	51°-59°	60°-68°	Average Minimum. °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.
1	London ...	0	0	17	9	4	65·7	0	0	13	13	4	50·9	81	15	61	23/24	64	29	44	2	0	2	12	1	0	28	0	0	22	1	0	1	4	1	11	0	0	0	0	28
	(Kew Obsy).																																								
	Croydon ...	0	0	16	10	4	65·5	0	0	15	13	2	50·2	80	7/15	62	22/23/24	64	29	42	1	0	3	14	1	2	24	0	1	20	0	0	0	3	1	16	0	0	0	0	27
	Calshot** ...	0	0	22	8	0	65·4	0	0	8	14	8	52·4	77	13	62	23	64	7	42	2	0	2	22	0	4	23	0	4	22	0	0	0	0	0	17	0	0	0	0	24
	(Southampton)																																								
	Lympne ...	0	0	19	11	0	64·0	0	0	14	12	4	49·8	76	7/14	60	24	61	8/15/23	43	25	0	5	13	0	3	20	1	2	16	4	0	1	0	0	17	0	0	0	0	26
2	Shoeburyness ...	0	0	14	15	1	66·6	0	2	12	14	2	50·2	78	7	62	24	62	8	38	22	1	2	11	2	1	23	1	1	16	3	1	0	1	2	7	0	0	0	0	27
	Gorleston ...	0	0	18	12	0	64·0	0	0	13	9	8	51·7	73	8/16	60	24	63	14	45	25	0	1	14	0	0	24	0	0	18	0	0	0	1	0	5	0	0	0	0	9
	Cranwell ...	0	1	15	11	3	63·7	0	1	16	12	1	48·1	80	15	55	24	62	8	40	22	0	4	17	0	2	26	1	2	24	0	0	1	3	2	8	0	0	0	0	23
3	Birmingham ...	0	4	18	6	2	62·1	0	0	15	13	2	49·3	78	14/15	58	24	60	8/29	44	21/22/25/27	0	8	13	0	1	26	0	2	26	0	0	1	3	3	14	0	0	1	0	19
	(Edgbaston)																																								
4	Ross-on-Wye ...	0	4	18	7	1	64·3	0	2	11	16	1	48·9	79	14	57	29	60	7	38	2	2	2	27	0	0	29	0	0	26	0	0	0	2	3	18	0	0	0	0	25
5	The Lizard ...	0	2	28	0	0	*	0	0	4	26	0	*	68	14	59	19/27	59	7	48	17/23	*	0	30	0	0	28	0	1	28	0	0	0	1	0	26	0	0	0	0	28
7	Holyhead ...	0	6	21	2	1	59·9	0	0	2	27	1	52·0	78	14	58	24/29	61	7	46	2	0	5	20	1	3	24	1	2	23	2	0	0	0	1	24	0	0	0	0	25
8	Liverpool ...	0	8	17	5	0	60·6	0	0	13	17	0	50·9	75	14	53	29	58	8/15	44	2	0	3	21	0	0	28	0	1	25	0	0	0	3	2	21	0	0	0	0	25
	(Bidston)																																								
10	Tynemouth ...	0	6	20	4	0	60·3	0	0	15	15	0	49·9	73	28	55	24	58	11	45	2	0	1	29	0	0	30	0	0	30	0	0	0	2	2	1	0	0	0	0	15
11	Inchkeith** ...	0	12	18	0	0	58·4	0	0	9	21	0	49·6	67	28	54	22	58	29	45	2	0	2	27	0	1	29	0	2	27	0	0	1	1	0	22	0	1	0	0	26
12	Renfrew ...	0	11	17	2	0	59·9	0	4	14	12	0	45·6	72	13	54	22	56	8/15/29	34	2	0	5	23	2	1	27	0	2	23	5	0	1	1	4	13	0	0	0	1	28 24
	Eskdalemuir ...	0	15	12	3	0	57·5	1	7	14	8	0	43·2	73	14	54	24	55	16	30	2	3	14	13	0	7	21	1	3	24	0	0	0	2	0	18	0	0	0	0	22
13B	Stornoway	0	22	8	0	0	56·3	0	0	15	15	0	46·3	68	15	53	22	57	16	44	20	*	6	24	0	3	27	0	1	29	0	0	0	1	0	22	0	0	0	0	25
15	Aberdeen ...	0	16	14	0	0	59·1	0	7	19	14	0	47·2	66	12/16	51	22	55	8/15/16	36	22	1	9	11	1	8	21	0	5	21	0	0	1	1	3	13	0	0	1	1	20
18	Aldergrove ...	0	12	17	1	0	*	0	1	17	12	0	*	72	14	56	21	59	15	38	2	0	12	17	0	5	25	0	4	25	0	0	0	1	0	22	0	0	0	0	25
19	Dublin ...	0	2	22	6	0	62·0	0	2	15	13	0	45·8	74	28	58	23	56	7	36	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	(Phœnix Park)																																								
	Birr Castle ...	0	9	19	2	0	61·4	0	1	22	7	0	47·8	75	14	56	23	58	15	38	2	1	0	25	0	0	29	0	0	28	0	0	0	2	0	28	0	0	0	0	30
20	Valentia ...	0	10	19	1	0	60·8	0	0	8	22	0	51·9	69	13	57	24	56	12/28	44	2	0	10	19	0	6	24	0	4	25	0	0	0	1	0	22	0	0	0	0	28
	(Cahirciveen)																																								

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	Duxford. No. of Reports.	S. Farnborough. Mean. °F.	S. Farnborough. No. of Reports.	Felixstowe. Mean. °F.	Felixstowe. No. of Reports.
950	1860	53·3	56·0	41	60·3	21	57·0	3
850	4,870	43·7	45·4	41	50·0	21	49·2	3
750	8,210	36·0	37·8	41	41·6	18	42·5	3
650	11,950	25·0	27·6	41	32·5	15	31·0	3
550	16,200	11·5	13·7	39	18·3	9	16·0	3

UPPER WINDS.

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

Station. Height. Feet.	Lympne. 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	Holyhead. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Renfrew. 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	65	6	45	14	0	0	50	7	36	7	0	0	59	6	22	27	4	0	69	3	28	34	4	0	2,000
5,000	45	3	28	14	0	0	27	5	12	9	1	0	33	4	16	11	2	0	36	2	11	19	4	0	5,000
10,000	16	2	8	6	0	0	8	0	4	4	0	0	9	1	6	2	0	0	8	0	3	4	1	0	10,000
15,000	3	1	1	1	0	0	2	0	2	0	0	0	5	0	5	0	0	0	1	0	1	0	0	0	15,000

† The readings and averages 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 readings and averages for Phœnix Park are for daily periods ending 21 h. Averages are for periods of at least 10 years (See M.O. 364.).

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, 1934.

District.	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.	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.
1	London ... (Kew Obsy.)	1	7	1	16	5	10·6	5	1604	+139	186	+41	1880	224	'11	94	'96	21	3	3	3	0	0	15	2	389	-217	32	-16	1871	145	18	4	'29	1	0
	Croydon ...	1	7	2	15	5	11·0	5	1600	+50	189	+38	1922	205	'28	106	'32	20	3	6	0	1	0	22	2	487	-132	40	-10	1921	134	'27	4	'29	1	0
	Calshot** ... (Southampton)	0	9	3	10	8	10·9	11	1864	+83	183	+10	1881	243	'95	100	'32	17	3	6	3	0	1	26	3	499	-147	60	+6	1871	170	'96	4	'10	0	0
	Lympne ...	1	6	2	12	9	11·6	10	1830	+54	203	+35	1921	244	'28	112	'27	22	1	5	2	0	0	6	17	467	-257	29	-29	1920	122	'33	8	'28	4	0
2	Shoeburyness...	0	6	3	11	10	10·7	14	1758	+42	205	+44	1919	237	'28	114	'20	21	1	7	1	0	0	14	2	320	-160	32	-8	1920	93	{'20 '30	8	'28	3	0
	Gorleston ...	0	6	3	12	9	11·1	11	1723	+74	205	+46	1908	222	'28	109	'32	21	3	3	3	0	0	11	24	557	-65	38	-12	1871	163	'30	4	'98	2	0
	Cranwell ...	2	4	9	11	4	10·2	12	1537	-13	168	+25	1921	186	'33	87	'31	19	7	1	3	0	0	8	24	472	-118	27	-18	1917	115	'27	12	'28	2	0
3	Birmingham ... (Edgbaston)	2	7	8	11	2	9·8	28	1443	+145	143	+20	1887	216	'95	67	'09	14	8	3	5	0	0	15	29	543	-131	53	+7	1893	165	'18	12	'95	2	0
4	Ross-on-Wye ...	1	7	10	11	1	11·0	5	1610	+136	141	+5	1915	205	'29	95	'31	17	6	4	3	0	0	14	17	468	-250	45	-6	1859	174	'76	2	'65	3	0
5	Falmouth ... (Observatory)	4	7	7	5	7	11·2	12	1739	+14	152	-8	1881	235	'06	99	'32	12	2	10	5	1	0	16	2	883	-224	88	+14	1871	206	'18	9	'95	0	0
7	Holyhead ...	2	8	7	6	7	11·4	12	1648	+103	156	+16	1914	209	'33	107	'16	9	6	9	4	2	0	28	30	683	-205	93	+25	1871	188	'18	7	'94	1	0
8	Liverpool ... (Bidston)	3	8	8	9	2	10·4	4	1470	+14	142	+11	1908	176	'14	93	'31	14	3	10	3	0	0	8	29	491	-218	55	-6	1867	167	'72	11	'15	1	0
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15	10	3	2	0	0	10	29	723	+102	32	-14	1915	115	'18	22	'21	2	0
11	Inchkeith** ...	4	6	7	10	3	10·9	5	1391	-37	154	+16	1923	166	'28	89	'22	14	6	8	2	0	0	15	22	531	-23	48	+5	1870	138	'27	6	'29	1	0
12	Renfrew ...	2	8	10	8	2	9·7	18	1243	+45	139	+21	1921	152	'28	90	'30	6	4	11	8	1	0	18	22	824	-101	127	+60	1921	155	'27	16	'33	2	0
	Eskdalemuir ...	5	6	12	4	3	10·3	14	1212	+8	123	+12	1910	153	'33	75	'31	8	1	7	13	0	1	35	30	1332	-97	181	+87	1910	242	'18	25	'10	3	0
13B	Stornoway ...	0	17	3	8	2	9·9	13	1219	-12	~~115~~ 125	+1	1881	175	'03	73	'87	2	4	13	10	1	0	17	7	1114	-152	140	+40	1870	201	'00	12	'94	3	0
15	Aberdeen ...	5	5	9	8	3	10·5	12	1454	+124	143	+19	1881	199	'06	57	'81	14	4	6	6	0	0	14	22	844	+36	74	+18	1871	162	'27	14	'94	0	0
18	Aldergrove ..	1	12	9	7	1	9·3	12	1295	*	123	*	1927	175	'33	96	'31	7	~~3~~ 5	~~9~~ 7	10	0	1	31	7	811	*	143	*	1926	123	'27	13	'33	4	0
19	Dublin ... (Phœnix Park)	2	8	7	9	4	10·3	3	1466	+11	~~158~~ 143	+17	1881	185	'95	77	'16	9	6	10	5	0	0	13	16	589	-116	~~71~~ 77	+22	1877	171	'30	5	'94	1	0
	Birr Castle ...	2	9	10	6	3	10·7	13	1390	+79	132	+13	1881	182	'95	80	'08	6	6	10	7	1	0	21	7	761	-68	128	+70	1872	172	'24	8	'94	1	0
20	Valentia ... (Cahirciveen)	6	7	7	8	2	11·3	13	1467	+95	123	-1	1880	205	'33	78	'22	6	4	9	7	3	1	34	16	1207	-207	205	+100	1870	253	'75	28	'09	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 %
London (Kew)	0	0	3	3	15	7	2	0	0
Ross-on-Wye ...	0	1	1	6	16	6	0	0	0
Falmouth (Obsy.)	2	5	6	12	4	1	0	0	0
Renfrew ...	0	1	7	9	12	1	0	0	0
Eskdalemuir ...	0	3	6	9	11	1	0	0	0
Aberdeen ...	2	8	2	4	10	4	0	0	0
Valentia ...	1	3	13	9	4	0	0	0	0

STATE OF GROUND AT 18 h.

No. of Days each type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew)	19	11	0	0	0	0	0	0	0	0
Ross-on-Wye	19	11	0	0	0	0	0	0	0	0
Renfrew ...	7	23	0	0	0	0	0	0	0	0
Eskdalemuir	0	30	0	0	0	0	0	0	0	0
Aberdeen ...	4	26	0	0	0	0	0	0	0	0
Valentia ...	3	27	0	0	0	0	0	0	0	0

CODE for State of Ground.

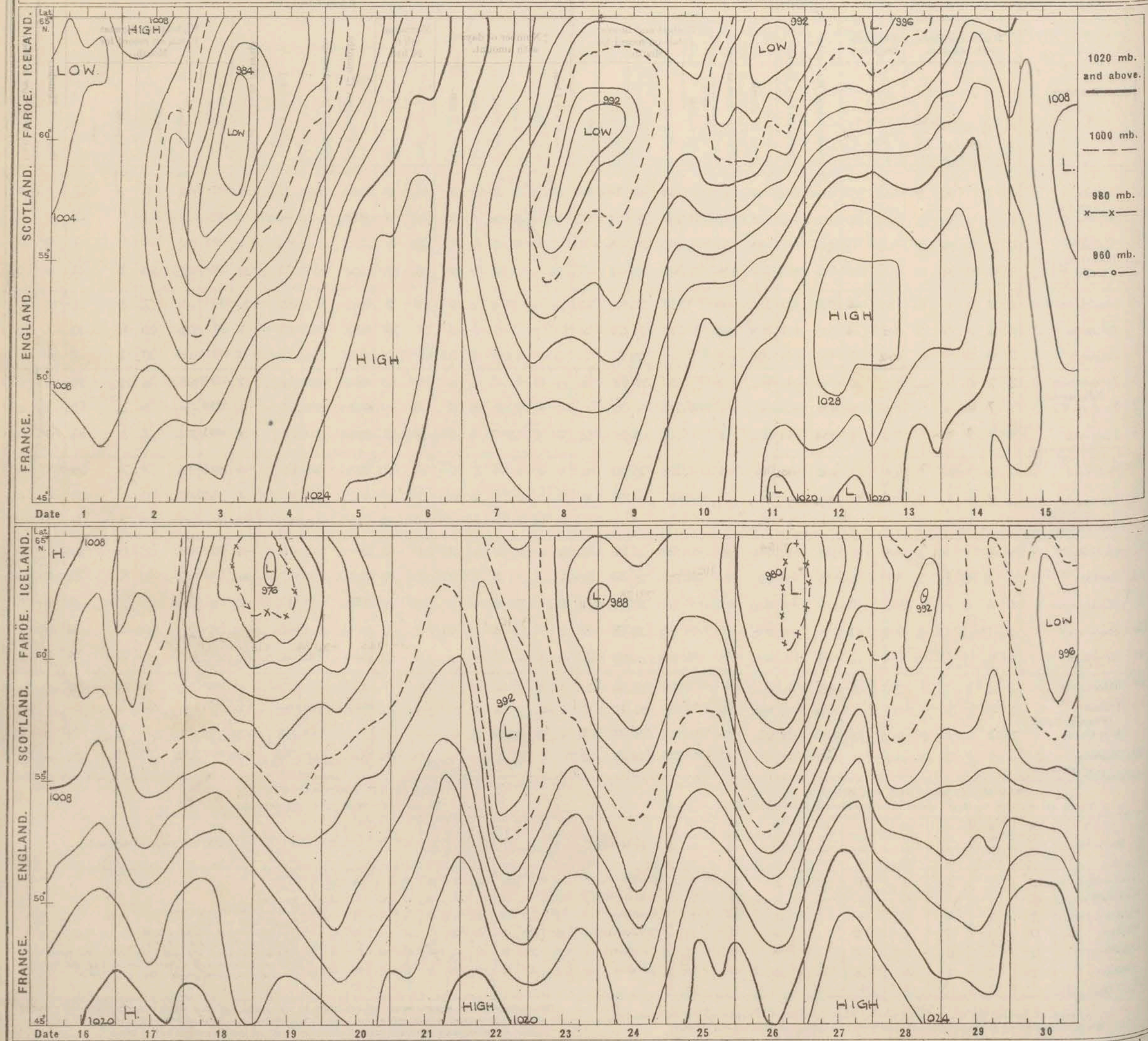
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow, greater than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

** 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.

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

PRESSURE: ICELAND TO GULF OF LIONS September 1934.

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.

Stationery Office Press, Kingsway W.C.2.

Ps.288/2800 Wt.8015. D.6004. Gp.908. 350.10/34

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st September 1934.

No. 26581

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 31st August. 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)	OBSERVATIONS at 18h. G.M.T. 31st August. 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)	PAST 24 HOURS. Weather. 7h.–18h. 31st (37)	18h.–18h. 31st (38)	18h. 31st to 1h. 1st (39)	1h.–7h. 1st (40)
1	London (Kew) ...	1009·5	−4	SW	2	bc	63	55	8	8	–	–	7-8	7-8	4000	1008·9	0	SW'S	2	c	62	55	8	8	3	3	4-6	7-8	4000	1	*	oFbf	bcyc	b	aTw
	Croydon ...	1009·4	−10	SW	2	bc	65	45	8	2	–	–	4-6	4-6	4000	1009·3	0	SSW	2	bc|pr	60	65	8	3	–	1	4-6	4-6	5700	0	*	bwm,bcy	bcybcpr,	bcm,wl	bylbcwa
	S. Farnborough	1009·1	−10	SW'W	3	bc	67	45	9	2	–	–	4-6	4-6	4000	1009·0	+4	SW	3	bc	58	65	8	8	–	6	2-3	4-6	5700	1	*	bbc-vy	bcybc	blb	b'bcwb
	Boscombe Down	1009·2	−6	SW	3	bc	61	55	8	8	6	–	7-8	7-8	2500	1008·9	−2	W'S	3	c	57	75	8	7	–	2	4-6	7-8	2500	0	*	bm,bcy	bcyc	cbc	bcm
	Calshot, S'thmtn	1010·1	−2	S'W	4	bc	63	55	8	8	–	–	4-6	4-6	2500	1009·6	−2	W'S	2	bc	58	75	8	8	–	6	4-6	4-6	2500	0	1	offebc	bcybc	bc	bcm,
	Lympne ...	1010·3	+2	WNW	2	r|tlr	55	75	7	3	–	3	7-8	9	4000	1009·9	0	SW	2	bc	60	65	9	2	3	3	Tr	2-3	4000	1	§2	b-tlrq	ctlrbv	cvwl	lpr,bc
	Manston ...	1009·2	0	NW	2	bc	61	55	6	2	–	–	4-6	4-6	2500	1009·1	−2	SW	3	bc	57	85	7	3	3	–	4-6	4-6	2500	0	*	bm,bc	bcpr	•	bcwbc
2	Shoeburyness	1009·3	−4	SSW	3	bc	66	65	6	2	6	–	4-6	4-6	2500	1008·6	−4	SSW	3	bc	58	75	8	7	7	–	Tr	2-3	5700	0	*	bbcm,	bcm,b	b	bw
	Felixstowe ...	1008·9	−4	S	3	bc	64	55	7	8	–	8	4-6	4-6	4000	1008·7	−2	S'E	3	bc	61	55	8	8	–	–	4-6	4-6	4000	0	2	bczbcy	bcy	bcyb	bbcm,
	Gorleston ...	1008·6	0	SE	3	bc	63	65	6	8	–	–	4-6	4-6	2500	1009·2	+4	SE'E	4	bc	58	75	6	8	–	–	4-6	4-6	2500	0	2	bccZo	cHpr	bcb	bcz,
	Cranwell ...	1006·9	−6	SW	2	c	61	55	7	8	–	–	7-8	7-8	4000	1007·8	−4	SSW	1	c|pr	59	65	8	8	–	4	4-6	9	4000	1	*	bzobc	cypr,	ctlr	bcm,m
3	Birmingham ...	1008·5	−4	SW	2	bc	61	45	8	8	–	1	4-6	4-6	2500	1008·4	0	WNW	2	c|pr	56	65	8	9	6	–	4-6	7-8	1500	1	*	bbc	bc	cbc	bcbm
	Upper Heyford	1008·9	−8	W	2	c	61	55	8	8	–	–	9	9	2500	1008·4	−2	–	0	c|ph	57	75	7	8	6	8	7-8	9	2500	1	*	bbccy	bccPR	c	clfgbw
4	Ross-on-Wye ...	1009·1	+6	SW	2	c	59	65	7	8	–	–	9	9	4000	1008·4	−8	WSW	2	bc	58	65	8	8	–	2	2-3	4-6	4000	0	*	bbcc	cbc	bcb	bfw
5	Portland Bill ...	1009·9	+4	W	3	bc	59	75	8	7	–	–	4-6	4-6	2500	1008·9	−8	W	2	c	58	75	8	4	4	–	4-6	7-8	2500	0	2	bc	bcc	c Cbc	c
	Plymouth ...	1010·6	−2	SW'W	2	cpr	57	85	8	8	–	1	9	9+	2500	1009·4	−4	SW	4	c	58	75	8	8	5	6	2-3	9	4000	1	2	bccpr	cpr,	cbcc	cr,r,
	The Lizard ...	1011·5	0	W'S	3	bc	62	65	8	8	6	–	4-6	4-6	2500	1009·5	−12	SSW	2	C	57	75	8	8	2	–	7-8	7-8	2500	0	2	bc	bcc	crro	rrcbc
	Scilly (St. Mary's)	1011·7	−2	W	3	c	60	75	8	8	–	5	4-6	7-8	4000	1009·1	−16	SW	3	c|pr	55	85	8	8	7	–	4-6	9+	2500	1	2	bcp,c	cpq	cp,	P,cpq
	Guernsey ...	1011·6	+2	WNW	3	bc	59	65	9	8	–	–	4-6	4-6	1500	1011·1	−6	W	2	bc	57	75	9	2	1	1	2-3	4-6	1500	1	2	bc	bc	bc	bcw
6	Pembroke ...	1008·8	+2	W	3	~~fbfc~~	▸	▸	8	7	6	6	4-6	7-8	5700	1007·6	−10	SW	3	c	56	65	8	8	5	9	4-6	7-8	4000	0	1	bc	bcc	cprc	bcprbc
7	Holyhead ...	1008·2	−2	SW'S	3	c	59	55	8	2	–	6	2-3	9	4000	1006·8	−10	SW'S	3	bc	56	65	8	1	3	1	1	2-3	4000	0	2	bcc	cybc	c PR	cjp
	Chester (Sealand)	1008·9	+2	WNW	2	cPR	56	75	8	9	–	–	9	9	2500	1008·3	−4	–	0	c	55	85	6	8	–	6	4-6	9	2500	1	*	PRcvto	PRtpcc	cbcwm,	bzwmc
8	L'pool (Bidston)	1009·0	+2	–	0	c|r	55	95	8	6	–	8	7-8	9	2500	1008·0	−2	–	0	C	56	65	9	9	–	7	1	9+	2500	1	*	cbccr	crc	cbw	bmbcw
	Manchester	1008·3	−4	–	0	cpr	55	75	6	8	+	–	7-8	7-8	2500	1008·0	−2	W	2	czo	56	75	6	8	3	2	7-8	9+	4000	1	*	bccpr,	cprzo	cmfw	cfw
9	Harrogate ...	1007·2	−10	SW	2	C	58	55	7	3	–	8	4-6	10	2500	1007·5	0	WSW	1	c	56	65	7	3	7	–	7-8	9	2500	0	*	c	cp,c	cbc	bcb
10	Spurn Head ...	1008·4	0	–	0	bc	63	55	7	7	3	–	2-3	4-6	4000	1007·6	−2	NE	1	c	59	75	7	3	2	–	4-6	7-8	4000	0	1	bc	bc	tl	bc
	Catterick ...	1007·3	−2	NNW	1	c	59	65	8	7	–	6	7-8	9+	4000	1007·4	+2	–	0	c	56	85	8	7	7	–	7-8	9	2500	0	*	bcct	ct	cbc	bcwbw
	Tynemouth ...	1006·9	−2	NE	1	bc	57	75	7	9	–	–	4-6	4-6	1500	1006·9	0	SE	1	c|tlr,	55	75	6	6	–	–	7-8	7-8	1500	1	1	bcff	bcoirtl	coirc	cbc
11	Inchkeith ...	1006·7	−6	WSW	2	cpr	55	85	8	9	6	4	7-8	9+	2500	1006·7	−2	E.	1	c	54	85	8	5	9	–	4-6	9	4000	1	1	bccpr	cir	c	c3,w
	Leuchars ...	1006·6	−2	–	0	c	57	75	7	9	6	–	7-8	7-8	1500	1006·7	+2	SW	1	ir,	52	75	6	9	6	–	7-8	7-8	1500	1	*	bcc	ctpbc	cpr,bc	bcw tw,
12	Renfrew (Abbotsl.)	1006·0	−4	SW'W	3	c	61	55	8	1	3	6	2-3	7-8	4000	1006·0	+2	SW'W	2	c	56	65	8	8	–	8	2-3	9	4000	1	*	pccmc	cyvc	cbcc	cpr,tw
	Eskdalemuir ...	1006·4	−4	WSW	4	cjp	56	65	8	9	–	1	7-8	9	1500	1006·5	−2	SW'W	3	c	53	55	9	3	–	7	1	9+	2500	1	*	bcc	pbcy	cvbcw	bcw
13A	Tiree	1004·5	0	SSW	3	C	57	65	8	8	7	–	4-6	9+	1500	1005·0	0	S'E	1	c	55	75	8	8	3	8	4-6	7-8	2500	0	4	CPR	cpr,	ccr,	ccr,b
13B	Stornoway ...	1004·5	+4	SSW	4	c	57	75	8	8	7	1	4-6	7-8	2500	1004·6	0	SSW	3	c	54	75	8	8	7	–	4-6	7-8	1500	1	1	bcc	bcc	cbc	bcc
15	Dalwhinnie ...	1005·9	0	SW	4	bc	55	65	8	1	–	–	4-6	4-6	2500	1006·4	+2	S	1	bc	49	85	8	4	4	–	2-3	2-3	2500	0		bc	bc	•	bc
	Aberdeen ...	1006·0	−2	S'E	3	bc	59	65	7	8	7	1	2-3	2-3	4000	1006·5	+2	SSE	3	bc	56	75	7	8	–	1	2-3	2-3	4000	1	1	bwbzob	bzo	bz,	bbcm,
	Wick	1005·6	0	SSW	2	bc	57	75	8	7	4	3	2-3	4-6	2500	1005·2	0	S	4	bc	55	85	8	1	1	3	4-6	4-6	2500	0	2	bc	bc	bcc	c
16	Lerwick ...	1003·6	−4	WW	2	c	56	85	7	8	7	–	4-6	7-8	1500	1005·1	+10	WSW	2	c	53	85	8	8	7	2	4-6	7-8	1500	0	*	cbcc	c	cbc	bccfe
17	Blacksod Point	1005·1	0	W	2	bc	57	75	8	4	–	–	7-8	7-8	2500	1005·3	0	W	3	bc	53	85	8	2	9	–	2-3	7-8	1500	1	2	pr,bc	pr,bc	pr,bc	pr,c
18	Malin Head ...	1004·9	+2	SW	2	cpr	54	85	7	8	–	–	9+	9+	1500	1004·6	−6	S	1	rr,	52	85	7	8	–	–	9+	9+	1500	1	2	cjp	c	cprbc	bccpr
	Aldergrove ...	1006·7	−6	SW	3	c	57	65	9	8	–	7	2-3	9+	2500	1006·3	0	S'W	2	RR	50	85	7	6	–	–	10	10	1500	1	*	bcwc	cr,oRR	arrr,c	coffcm,
	Donaghadee ...	1006·4	−4	S	2	c	57	75	8	5	–	–	7-8	7-8	1500	1005·9	−2	SSW	2	bc	55	85	8	8	3	–	4-6	4-6	1500	1	1	bcc	pr,bc	bcpr,	pr,bc
19	Birr Castle ...	1007·0	−12	S	2	C	59	65	8	8	–	–	9	9	2500	1006·2	−8	S	1	c	57	75	8	9	8	–	4-6	7-8	2500	1	*	C	cpr c	cbc	bcc
20	Valentia Obsy.	1008·7	−6	SW'W	3	C	57	75	8	5	1	–	9	9+	1500	1007·6	−2	W'S	2	c|pr	55	85	8	5	7	1	4-6	9+	2500	1	3	cpr,c	prp,c	cpr bc	bcwbc
	Roches Point ...	1003·2	−6	SW	3	c	57	85	8	3	–	–	7-8	7-8	1500	1007·7	−8	SW	3	C	57	75	8	3	–	–	7-8	7-8	2500	1	4	bcpc	cpc	c bcw	bcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog. „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ≠ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

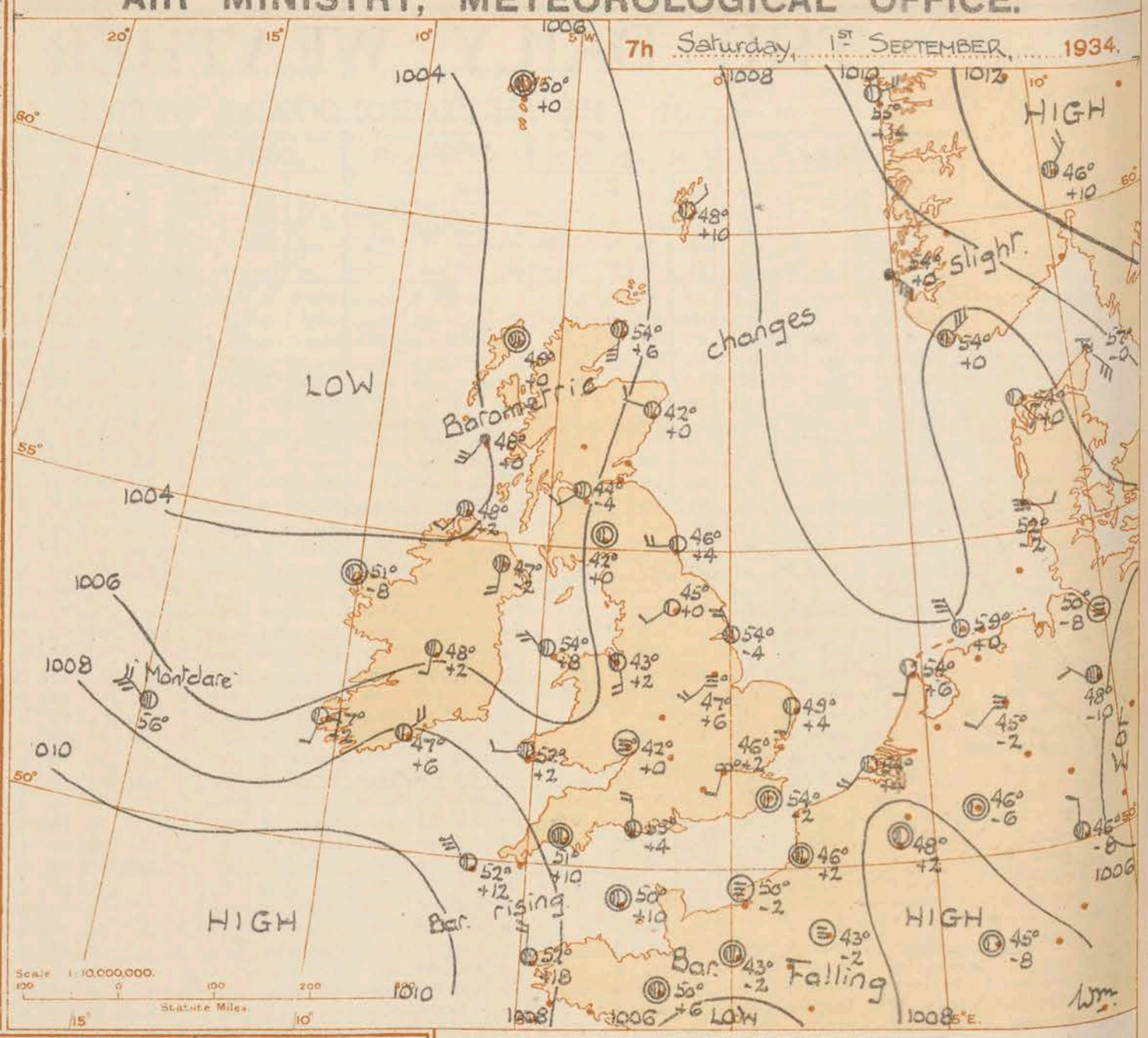
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for Friday, 31st Aug., 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	bbc	bc	37	65	-	-	9·7	3·9
	Bournemouth	b	bcb	43	64	-	-	7·5	10·7
	Ventnor ...	bbcb	bbc	50	66	-	-	8·4	9·2
	Southsea ...	bbc	crb	45	63	-	2	9·0	5·0
	Bognor Regis	b	b	45	64	Trace	-	11·4	7·1
	Littlehampton	bc	bc	42	63	0·3	-	11·4	6·9
	Worthing ...	b	b	46	62	-	-	11·3	6·8
	Brighton ...	b	b	46	63	-	-	11·1	6·2
	Eastbourne†	b	bv	45	64	6	-	10·9	6·0
	Hastings† ...	b	bbcb	48	65	-	-	11·0	6·5
	Folkestone ...	b	cobc	47	65	Trace	Trace	8·3	5·7
	Dover... ...	bcy	bc	47	65	-	-	7·6	5·5
	Deal	bbc	coco	47	65	Trace	-	6·0	3·9
	Ramsgate ...	bbc	bcbbc	49	64	0·4	Trace	6·4	3·5
	Margate ...	bc	bc	48	64	1	-	6·3	4·2
2	Southend ...	bz	bbc	47	~~72~~67	Trace	-	9·3	5·9
	Maldon ...	zb	b	41	68	-	-	9·2	5·2
	Clacton-on-Sea	bcbz	bbccy	45	65	-	-	9·3	2·9
	Dovercourt ...	bc	bc	46	63	-	-	8·4	3·6
	Lowestoft ...	dcbc	tlrc	43	65	Trace	2	7·3	4·5
	Skegness ...	bo	bcc	42	65	-	-	10·9	8·4
	Mablethorpe	b	bcc	41	66	1	-	8·5	8·7
	Cleethorpes...	bmc	bco	45	66	-	-	9·1	11·2
3	Leamington S.	b	b	38	64	-	-	9·5	8·8
4	Cheltenham†	bcwb	bbcc	40	61	Trace	-	8·4	8·1
5	Bath	bcc	bbc	38	64	-	-	7·1	9·2
	Weymouth ...	b	bcb	45	64	-	-	9·1	12·0
	Jersey ...	rcbc	bcbbc	51	60	5	1	10·7	5·5
	Torquay ...	pbw	bcpc	43	63	2	3	7·3	8·3
	Penzance ...	b	bbc	46	63	2	-	7·8	10·0
	St. Ives ...	b	c	50	60	0·3	-	8·1	10·6
	Bude	pcbc	bc	45	60	10	1	7·2	8·1
	Ilfracombe ...	bcb	bbc	49	61	2	-	9·1	7·9
6	Aberystwyth	prc	bc	48	62	7	-	7·3	8·4
7	Llandudno ...	bc	cpc	47	60	1	0·2	5·9	10·9
	Colwyn Bay...	bcc	crbc	47	59	0·3	1	3·0	6·6
	Rhyl	bccpc	cprc	44	59	-	1	3·6	7·9
8	Wallasey ...	bcc	cpbc	49	60	1	1	5·6	10·0
	Southport‖ ...	bcpbc	bcc	45	61	5	2	3·7	7·5
	Blackpool ...	or	c	46	61	17	5	4·4	8·9
	Morecambe ...	c	bcbbc	47	60	2	-	4·7	10·0
9	Ilkley... ...	bcbcc	bc	39	61	-	-	2·9	10·0
10	Berwick-on-T.	bbc	pRtc	40	59	-	2	6·7	8·0
11	Dumbar ...	bc	bcp	41	57	-	3	5·1	9·3
12	Troon... ...	bcvbc	cbc	47	61	1	-	8·5	7·3
	Douglas ...	cb	cb	45	59	-	-	7·6	10·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st September, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Variable wind, mainly light; bright periods, local showers and perhaps thunder; local morning mist; average or rather low day temperature; slight ground frost locally in morning.
5. S.W. England 6. South Wales 7. North Wales	Light or moderate northwest wind; bright intervals, local showers, perhaps cloudier tomorrow; rather cool.
8. N.W. England	As 12 - 13.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light southwest or variable wind; showers, perhaps local thunder, bright intervals; local morning mist; rather cool, slight ground frost locally in morning.
12. S.W. Scotland & Isle of Man	Light or moderate southwest wind, perhaps increasing tomorrow; variable cloud, showers and perhaps local thunder today; perhaps more general rain tomorrow; rather cool.
13. A. W. Scotland B. N.W. Scotland	
14. Mid-Scotland 15. N.E. Scotland	As 9 - 11.
16. Orkneys and Shetlands.	Light variable wind, perhaps freshening later; variable cloud, perhaps occasional rain later; local fog; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate northwest or west wind, backing and freshening; showers and bright intervals today; perhaps more general rain tomorrow; rather cool.

BAROMETER. Isobars are drawn for intervals of two millibars

WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 3/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✱ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze

SEA DISTURBANCE. ~ Rough. ≈ High.

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

GENERAL INFERENCE.

The pressure distribution over Western and Central Europe is complex. A slight trough of low pressure is moving east across Great Britain. A depression in Mid-Atlantic will probably move east. There will be bright intervals, local showers and perhaps thunder today. Conditions may become more generally unsettled tomorrow.

FURTHER OUTLOOK.

None Issued.

Forecasts issued at 0955 G.M.T.

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

H.M. Stationery Office Press Kingsway, W.C.2. P.2 250/2781 We 9046 & 5001 Gp 908 22200 9/34.

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

Morning of
SATURDAY
1st September
1934.

TROPICAL DISTURBANCE 25°N. 97°W. moving S.W.

Clarke's Projection Scale 1 : 4 × 10⁷ along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 1st September 1934.

No. 26581

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

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1008·8	-6	S	2	bc 2	45	95	7	-	-	2	0	2·3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1008·5	-8	N	1	bc 2	47	95	8	3	-	-	2·3	2·3	4000
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1007·7	-6	WSW	2	bc	54	85	7	-	3	-	0	4·6	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1006·7	-12	W	3	c	55	85	8	4	4	-	4·6	7·8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1006·9	-8	-	0	~~bc~~	52	95	7	5	-	-	10	10	1500
	Scilly(St.Mary's)	163	1007·4	-6	NW	1	c	51	95	8	8	3	-	4·6	7·8	2500
	Guernsey ...	175		-20	-	0	bc	49	95	9	5	-	-	4·6	4·6	2500
6	Pembroke ...	142	1005·6	-4	WSW	2	bc	55	75	8	8	1	-	~~2·6~~ 5·9	7·8	2500
7	Holyhead ...	26	1005·6	-10	S'W	3	c	51	85	8	5	-	8	7·8	7·8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007·6	0	-	0	bc	54	85	7	-	1	-	0	2·3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1007·0	-4	SW	1	c	52	85	6	6	-	-	7·8	7·8	1500
11	Inchkeith ...	190	1006·6	0	SW	2	c	51	85	8	2	-	6	1	7·8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbot H)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1005·1	0	-	0	bc	47	95	8	8	-	-	2·3	2·3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1005·4	0	S	2	c	54	95	8	7	1	-	4·6	7·8	1500
16	Lerwick ...	54	1006·2	-4	W	1	bc	50	95	8	4	-	-	2·3	2·3	2500
17	Blacksod Point	18	1008·3	0	W	2	bc	51	95	8	-	6	-	0	4·6	-
18	Malin Head ...	52	1004·2	-6	S	1	bc	47	95	7	8	-	3	4·6	4·6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1007·4	0	W	4	bc	54	95	8	3	-	-	4·6	4·6	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (16)	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)
1007·4	+3	-	0	F	46	95	1	5	-	-	10	10	<150	1	*
1007·8	+2	SSW	1	3c	46	95	5	1	-	1	Tr	4·6	2500	1	*
1007·5	+6	WNW	1	3c	43	95	5	5	-	4	Tr	4·6	7200	1	*
1007·5	+6	WNW	1	m	43	95	5	5	3	-	2·3	4·6	4000	1	*
1007·7	+2	NW	2	3c	50	95	5	-	-	6	0	2·3	-	0	1
1007·2	-2	-	0	3c	54	75	6	6	4	3	1	4·6	4000	1	50
1006·9	+2	WSW	2	c	52	95	8	6	3	8	4·6	7·8	5700	1	*
1007·2	+4	NW	1	6	49	95	6	-	-	1	0	1	-	0	*
1007·6	0	NW	1	3c	49	95	6	2	-	8	1	2·3	4000	0	0
1006·5	+4	SSW	1	3c	49	85	6	5	-	1	4·6	4·6	1500	0	1
1007·5	+6	WSW	2	m	47	95	6	-	7	-	0	7·8	-	1	*
1007·4	+2	WNW	1	m	47	95	4	-	-	9	0	1	-	1	*
1007·4	+2	-	0	3c	48	95	4	-	3	8	0	2·3	-	1	*
1007·8	0	-	0	m/f	42	95	4	5	3	1	Tr	1	4000	0	*
1006·7	+4	N	2	c	55	85	7	4	4	-	4·6	7·8	2500	1	2
1007·8	+10	-	0	c/f	51	95	8	5	7	-	4·6	9	1500	1	1
1008·2	+8	NW'N	2	3c	52	95	8	8	4	-	4·6	4·6	2500	1	2
1008·9	+12	NW	3	3c	52	95	8	3	8	-	2·3	2·3	2500	1	2
1007·8	+10	-	0	3c	50	95	7	8	7	-	4·6	4·6	2500	1	2
1006·5	+2	W	1	c	52	95	8	7	6	-	2·3	7·8	4000	1	1
1005·4	+8	WNW	2	c/p	54	85	8	8	3	2	4·6	9	2500	1	1*
1006·9	+2	SSE	2	3o	43	95	5	5	7	6	2·3	7·8	4000	1	*
1005·7	0	SE	2	3o	47	85	6	7	4	2	2·3	4·6	2500	1	*
1007·2	+2	SE	1	c/p	43	95	6	2	4	6	Tr	7·8	2500	1	*
1006·8	0	WSW	1	6	45	85	6	-	-	1	0	1	-	0	*
1006·7	-4	NNW	2	c	54	85	6	-	7	9	0	7·8	-	0	1
1006·8	+4	-	0	6c	42	95	8	-	-	2	0	2·3	-	0	*
1006·5	+4	W	2	6c	46	85	6	4	-	-	4·6	4·6	4000	1	1
1006·6	0	SW	1	3o	49	95	6	5	4	6	4·6	7·8	1500	1	1*
1006·4	+2	-	0	6c	41	95	6	-	4	8	0	4·6	-	1	*
1005·4	-4	WSW	1	c/pr	44	95	4	5	-	-	9+	9+	4000	1	*
1006·3	0	-	0	6c	42	95	8	8	3	3	2·3	4·6	2500	1	*
1004·0	0	SW's	3	~~bc~~ 7/c	48	85	7	9	7	-	7·8	10	800	1	2
1004·3	0	-	0	c	49	95	9	8	7	-	2·3	7·8	2500	1	0*
*	-2	-	0	6c	35	95	8	4	-	5	Tr	2·3	4000	1	1
1006·1	0	NW'W	1	3o	42	95	5	1	-	6	1	4·6	1500	1	*
1005·4	+6	S	~~3~~ 2	c	54	95	8	8	7	8	4·6	7·8	1500	0	2*
1007·4	+10	NE	1	cf	48	95	8	8	-	-	4·6	4·6	1500	0	*
1004·6	-8	-	0	6c	51	85	8	4	-	-	4·6	4·6	2500	1	2
1003·2	-2	SW	1	c	48	95	7	2	5	3	2·3	7·8	1500	1	1*
1005·1	-2	S	2	fg	47	95	6	5	-	-	9+	9+	220	1	*
1004·8	0	SW	1	6c	47	85	8	8	-	-	4·6	4·6	1500	1	1
1005·6	+2	S	1	c	48	95	7	5	-	-	7·8	7·8	2500	1	*
1007·8	+2	SW's	1	6c	47	95	8	7	-	-	4·6	4·6	2500	1	3
1008·4	+6	NE	2	6c	47	95	8	5	-	-	2·3	2·3	2500	1	2

PAST 24 HOURS.

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 1st Hrs. (36)
*	*	*	-	-	8·6
65	45	36	-	-	9·8
66	42	39	Tr	-	10·3
67	37	29	-	Tr	8·5
62	40	(36)	-	-	8·2
64	46	43	-	-	7·5
64	46	39	0·6	4 Tr	7·8
63	43	36	Tr	Tr	10·4
67	40	31	-	-	8·6
64	45	36	-	-	8·0
63	47	46	Tr	-	8·8
65	44	40	Tr	7	10·4
64	45	32	(Tr)	-	*
65	46	37	5	-	7·0
63	39	30	-	*	*
60	51	*	-	(3)	7·1
61	50	49	2	-	*
62	48	*	-	5	6·9
61	50	*	2	-	10·1
61	48	45	-	-	9·3
67	49	*	-	0·2	9·9
60	50	45	-	4	3·8
60	38	32	2	-	5·3
57	45	42	1	-	5·0
60	37	31	0·4	0·1	5·6
58	48	37	0·3	Tr	5·5
(53) 52	40	32	Tr	0·2	5·0
61	40	35	Tr	0·1	7·9
58	34	30	Tr.	-	3·1
57	44	35	7	0·2	9·1
58	45	*	-	-	6·4
57	31	26	-	-	12·0
60	41	35	-	-	*
57	52	*	-	-	2·0
57	46	*	-	-	*
58	48	*	1	1	2·8
58	42	*	(1)	3	5·9
59	43	38	5	3	*
59	45	*	2	0·2	6·2
60	44	35	1	-	2·9
59	47	43	1	0·6	*
59	45	*	1	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 24 hrs. ended 9h. Morning.	Weather 24 hrs. ended 9h. Afternoon.	Weather 24 hrs. ended 9h. 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	of 6f	6c,c	of w	65	45	36	-	-	8·6	•	•	6
Croydon	217	6w.6c,y	6c,6c,pr.	6c,6,6c,y	66	42	39	Tr	-	9·8			6
Greenwich (Royal Observatory) ...	149	6 6c,y	6c,y	6w,3	69	41	31	•	Tr	9·5	43	72	4
City (Bunhill Row)	—									9·8			
Westminster (St. James' Park) ...	27	•	•	•	67	46	41	-		9·5	50	69	•
†Regents Pk. (Botanic Gardens) ...	189	•	•	•	68	45	40	-	-	8·0	49	75	•
Camden Square	110	6	6c	•	68	45	38	-	-	•	•	75	•
Kensington	80	6 3 6c	6c p 6c	•	67	45	38	Tr	-	9·1	At 18h. 57	75	•
Hampstead Observatory ...	450	6c	t c r o	6c	66	46	35	0·4	-	9·7		83	•

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1011·5	W	1	t c r o	55
Brussels	1009·9	SSW	2	6c	55
Berlin	1011·8	SE	2	3o	61
Zürich	1011·6	SE	2	c	54
Rome					

7h. G.M.T. 1st September

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1007·3	-	0	f-	43
1007·5	S	1	6c	50
1002·2	N'W	2	c r	54
1008·7	S	1	c r o	50
1006·5	SE	2	c.	61

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
63	41	1	-
63		3	
63	52	Tr	3
59	48	1	

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Defective record			

Kew Observatory. Max.	Time.	Min.	Time.
0·4	8h. 31 6/9	<0·1	13h.-17h. 31 5/9

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	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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 2nd September 1934.

No. 26542

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direct. (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)
1	London (Kew)	1006·9	−10	W'S	2	bc	63	45	8	2	-	1	4-6	4-6	4000
	Croydon	1007·1	- 6	WSW	2	bc	65	45	7	2	-	1	2-3	4-6	4000
	S. Farnborough	1006·7	- 6	W	3	bc	65	45	8	2	-	1	4-6	4-6	4000
	Boscombe Down	1006·9	- 6	W'S	3	c	63	48	8	7	-	8	7-8	9	5700
	Calshot, S'thmtn	1007·6	- 2	S'W	3	bc	64	55	8	8	7	5	4-6	4-6	2500
	Lympne	1007·7	+ 6	ESE	2	c|tlr	55	75	6	8	-	-	9	9	2500
	Manston	1006·4	- 3	WSW	3	pr	55	65	7	3	-	-	4-6	4-6	2500
2	Shoeburyness	1006·6	−4	SE'S	2	bc	67	65	7	8	5	-	2-3	4-6	4000
	Felixstowe	1006·7	- 2	WSW	2	ct	60	55	8	9	-	8	7-8	7-8	4000
	Gorleston	1006·4	−4	S'E	2	bc	65	55	6	8	-	-	4-6	4-6	2500
	Cranwell	1006·6	−10	-	0	$c z_o$	60	55	6	8	3	-	7-8	7-8	4000
3	Birmingham	1006·4	- 2	WSW	2	bc	61	45	8	8	-	1	2-3	4-6	1500
	Upper Heyford	1006·8	- 6	WNW	3	c	62	45	6	6	-	1	7-8	7-8	4000
4	Ross-on-Wye	1006·8	+4	SW	3	c	61	55	8	8	6	-	4-6	7-8	4000
5	Portland Bill	1007·8	0	SSW	3	c	57	65	8	4	4	-	4-6	7-8	2500
	Plymouth	1008·0	0	WSW	3	jp	59	75	8	3	-	-	7-8	7-8	2500
	The Lizard	1009·1	+2	W	4	bc	61	75	8	7	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	1009·4	- 2	W	3	bc	60	75	8	4	6	5	2-3	4-6	4000
	Guernsey	1009·3	+ 6	NW	1	c|pr	58	85	8	8	-	-	7-8	7-8	1500
6	Pembroke	1006·5	0	W	3	c	58	65	8	8	6	1	4-6	7-8	5700
7	Holyhead	1005·6	- 2	W'S	3	c	58	75	8	8	3	6	4-6	9	1500
	Chester (Sealand)	1006·4	- 2	SW'S	2	c|pr	58	65	8	9	-	3	9+	9+	2500
8	L'pool (Bidston)	1006·5	0	W	2	r_o	52	88	8	9	-	-	10	10	1500
	Manchester	1005·9	−6	SW	3	c	61	55	7	8	-	-	9+	9+	2500
9	Harrogate	1005·6	−10	SSW	1	c	61	49	7	8	7	9	4-6	7-8	2500
10	Spurn Head	1006·5	0	-	0	bc	63	66	6	3	1	-	2-3	4-6	4000
	Catterick	1005·0	−14	SW'S	1	c	63	45	8	7	-	4	7-8	9	4000
	Tynemouth	1005·7	−4	E	1	bc	57	75	6	9	-	-	4-6	4-6	1500
11	Inchkeith	1005·8	- 2	SE	2	c|pr	56	95	8	8	-	-	9	9	4000
	Leuchars	1005·0	- 6	E	3	bc	58	65	8	3	6	1	2-3	4-6	2500
12	Renfrew (Abbotsl.)	1004·3	- 8	NW	1	ct	57	75	8	3	6	3	7-8	9	2500
	Eskdalemuir	1004·8	- 6	SE'S	2	c	56	65	8	8	-	-	9+	9+	2500
13A	Tiree	1003·6	0	SE'E	3	bc	57	75	9	2	4	8	2-3	2-3	1500
13B	Stornoway	1004·0	0	SE	2	c	57	65	9	8	7	6	2-3	7-8	2500
15	Dalwhinnie	1004·7	0	SE	3	c	56	65	8	9	-	-	7-8	7-8	4000
	Aberdeen	1005·7	−4	SE	2	bc	60	55	7	2	-	6	1	2-3	2500
	Wick	1005·7	+4	SE	3	bc	57	85	8	7	1	4	4-6	4-6	2500
16	Lerwick	1007·3	−10	SE'E	2	c	56	85	8	8	7	1	4-6	7-8	2500
17	Blacksod Point	1004·5	0	W	3	bc	57	75	9	2	-	4	4-6	7-8	4000
18	Malin Head	1003·7	0	SW'W	3	c|p	56	75	8	3	7	-	7-8	9+	1500
	Aldergrove	1004·5	−6	SW	2	c	56	75	9	2	7	7	2-3	9+	1500
	Donaghadee	1005·0	0	S	1	bc	59	75	8	5	3	-	4-6	4-6	1500
19	Birr Castle	1005·6	- 6	WSW	1	c|pr	58	65	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy.	1007·2	+2	NW'W	4	c|pr	56	75	8	8	-	-	9	9	1500
	Roches Point	1007·2	−4	W	3	c	55	85	8	3	-	-	7-8	7-8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direct. (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)
1	London (Kew)	1006·9	+ 6	SW	3	bc	61	65	8	8	6	1	4-6	7-8	2500	1	*
	Croydon	1007·3	0	SW	4	bc	58	65	8	8	3	2	2-3	4-6	4000	1	*
	S. Farnborough	1006·8	+ 4	SW'W	3	bc|tlc	57	65	8	8	6	3	4-6	4-6	4000	0	*
	Boscombe Down	1007·1	+ 2	W'S	2	c	55	65	8	8	4	8	4-6	9	5700	1	*
	Calshot, S'thmtn	1007·6	+ 2	NW'W	1	c	59	65	8	8	7	1	4-6	7-8	1600	0	1
	Lympne	1007·0	- 2	NNW	3	tlc	56	85	8	3	-	1	7-8	9	4000	1	§
	Manston	1006·1	0	WSW	2	bc	55	85	7	2	3	-	4-6	4-6	2500	1	*
2	Shoeburyness	1006·4	- 2	SSW	1	bc	59	85	7	8	9	-	4-6	4-6	4000	0	*
	Felixstowe	1006·3	- 2	WSW	3	jp	60	55	8	9	-	3	4-6	4-6	4000	0	1
	Gorleston	1006·3	+ 2	NW'N	3	c	59	75	6	8	7	-	7-8	9	2500	0	2
	Cranwell	1005·7	- 6	-	0	bc	59	65	6	4	3	-	4-6	4-6	4000	1	*
3	Birmingham	1006·1	0	W	2	c	55	75	8	6	3	-	7-8	9	1500	1	*
	Upper Heyford	1006·7	+ 6	W	2	tlc	55	75	8	3	7	-	7-8	9+	2500	1	*
4	Ross-on-Wye	1006·5	0	-	0	c	57	75	8	8	-	1	7-8	7-8	4000	1	*
5	Portland Bill	1007·5	-10	SSW	4	c	59	85	8	4	4	-	4-6	7-8	2500	0	3
	Plymouth	1008·0	0	W'N	4	bc	60	65	8	2	3	5	2-3	2-3	4000	1	2
	The Lizard	1008·8	- 4	WSW	3	c	57	75	8	8	9	-	4-6	7-8	2500	0	2
	Scilly (St. Mary's)	1008·7	- 8	W'S	4	c|pr	54	95	8	8	7	-	7-8	9+	2500	1	2
	Guernsey	1009·1	0	W'N	4	bc	59	65	8	8	-	-	4-6	4-6	1500	1	3
6	Pembroke	1006·1	- 4	WSW	2	c	55	75	8	8	8	-	4-6	7-8	4000	1	1
7	Holyhead	1004·8	- 8	SW'S	3	c	57	75	8	2	3	2	2-3	7-8	2500	1	2
	Chester (Sealand)	1006·1	0	-	0	bc|pr	54	85	7	3	4	3	4-6	4-6	2500	1	*
8	L'pool (Bidston)	1005·5	- 6	SSE	2	bc	54	85	5	5	4	6	4-6	7-8	1500	1	*
	Manchester	1006·8	+ 2	W	5	tlc	51	85	6	9	3	-	9	9+	1500	1	*
9	Harrogate	1005·5	0	SW	1	bc	52	75	6	8	7	9	4-6	4-6	2500	0	*
10	Spurn Head	1005·4	- 4	SSE	3	c	59	75	7	3	2	-	4-6	7-8	4000	0	2
	Catterick	1005·0	+ 2	W'S	2	c|tlc	56	75	8	3	4	-	7-8	7-8	4000	1	*
	Tynemouth	1004·9	0	S'E	2	bc	56	75	8	2	-	-	4-6	4-6	2500	1	1
11	Inchkeith	1005·3	- 2	NE	2	pr	54	95	8	8	6	-	4-6	7-8	2500	1	1
	Leuchars	1005·0	0	E	2	c|p	54	75	8	9	6	-	9	9+	2500	1	*
12	Renfrew (Abbotsl.)	1004·5	- 2	SW	2	c	56	65	8	8	6	3	2-3	7-8	4000	1	*
	Eskdalemuir	1004·7	0	SW	2	bc	54	65	9	3	3	1	2-3	4-6	4000	1	*
13A	Tiree	1003·8	0	S'W	1	bc	55	75	9	2	6	8	1	2-3	2500	0	3
13B	Stornoway	1004·4	+ 2	SE	1	c	55	65	8	8	6	-	4-6	9+	1500	1	1
15	Dalwhinnie	1005·1	+ 4	SE	2	bc	52	85	8	9	4	-	2-3	4-6	2500	1	*
	Aberdeen	1005·9	+ 2	SE'E	2	bc	55	65	7	-	-	1	0	1	-	0	1
	Wick	1005·2	- 2	ESE	3	bc	56	85	6	5	1	8	2-3	4-6	2500	0	2
16	Lerwick	1007·8	+ 4	SE	2	bc	54	85	8	8	7	1	2-3	4-6	2500	0	*
17	Blacksod Point	1004·2	0	W	2	bc	55	85	9	2	-	-	2-3	2-3	4000	0	2
18	Malin Head	1004·3	+ 2	WNW	1	bc	56	75	8	2	8	-	2-3	2-3	4000	1	0
	Aldergrove	1004·3	- 2	S	1	c	56	75	9	8	7	3	4-6	7-8	1500	1	*
	Donaghadee	1004·6	0	W	2	bc	54	75	8	5	3	-	4-6	4-6	1500	0	1
19	Birr Castle	1004·8	- 2	WSW	1	c|pr	54	75	8	9	8	-	4-6	7-8	2500	1	*
20	Valentia Obsy.	1006·3	- 6	W'S	3	c|pr	55	85	9	8	-	1	7-8	7-8	1500	1	2
	Roches Point	1006·4	- 4	SW	3	bc	56	65	8	3	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS.

Weather. 7h.—13h. (37)	15h.—18h. (38)	18h. 1st to 1h. 2nd (39)	1h.—7h. 2nd (40)
bz,bcy	bcybc	bcb	bw
bm,bcy	bcy	bcjlw	bcjlw
bcbbcy	bcyvcbp	bcbl	bbcbw
bcmcy	tclrc	cbclp	bcbm
bcy	bcybcc	pr,bcw	bw
bcbpric	blvcrtlpr	tlpgbcctl	ctlrpb
bcbbc	bcbrbc	*	bbcb
bcm	bcbpr	ctlRb	bm
bcmcfy	cfybcy	ctlb	b
bcz	bcctl	cbc	bbcc
bcmcc	czbcy	bcpr	bmc
bbc	tlR	cbc	bcb
bbccy	bcctlc	ctlrbc	bcbw
bbcc	t,bcctlc	cbcb	bmw
cpgc	c	c	cprc
bccpct	cbcyv	bccprb	bbcwz
bc	bcc	cprbc	bccw
bccbc	bccpr	cbcb	bbcc
bccbc	bc	cprar	circ
cpgc	cprc	cprbc	cbcc
cpr	c	cbcw	bcbw
mcPR	tlRh,bc	bcbmw	bfte
bcrrc	cprm	bcb	b
cfc	ctlrg	tlrbt	bttcw
bbcc	c	cbc	bcb
cbc	t	cbc	bc
bwbcy	cytlr	cbc	bcb
bcm	br	bcb	bbc
cpr	cprtl	bcbw	bgofe
bcmcw	cjptv	ctPRb	bv
mcPRc	cprbc	bcwof	ejefe
cprc	cbc	bcbw	bwtf
jrcbc	bc	bcbw	bw
bcbpc	cbc	bcbw	bcbw
bcbpc	cbbc	bcbw	bbccw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
f, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⸗ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; −, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

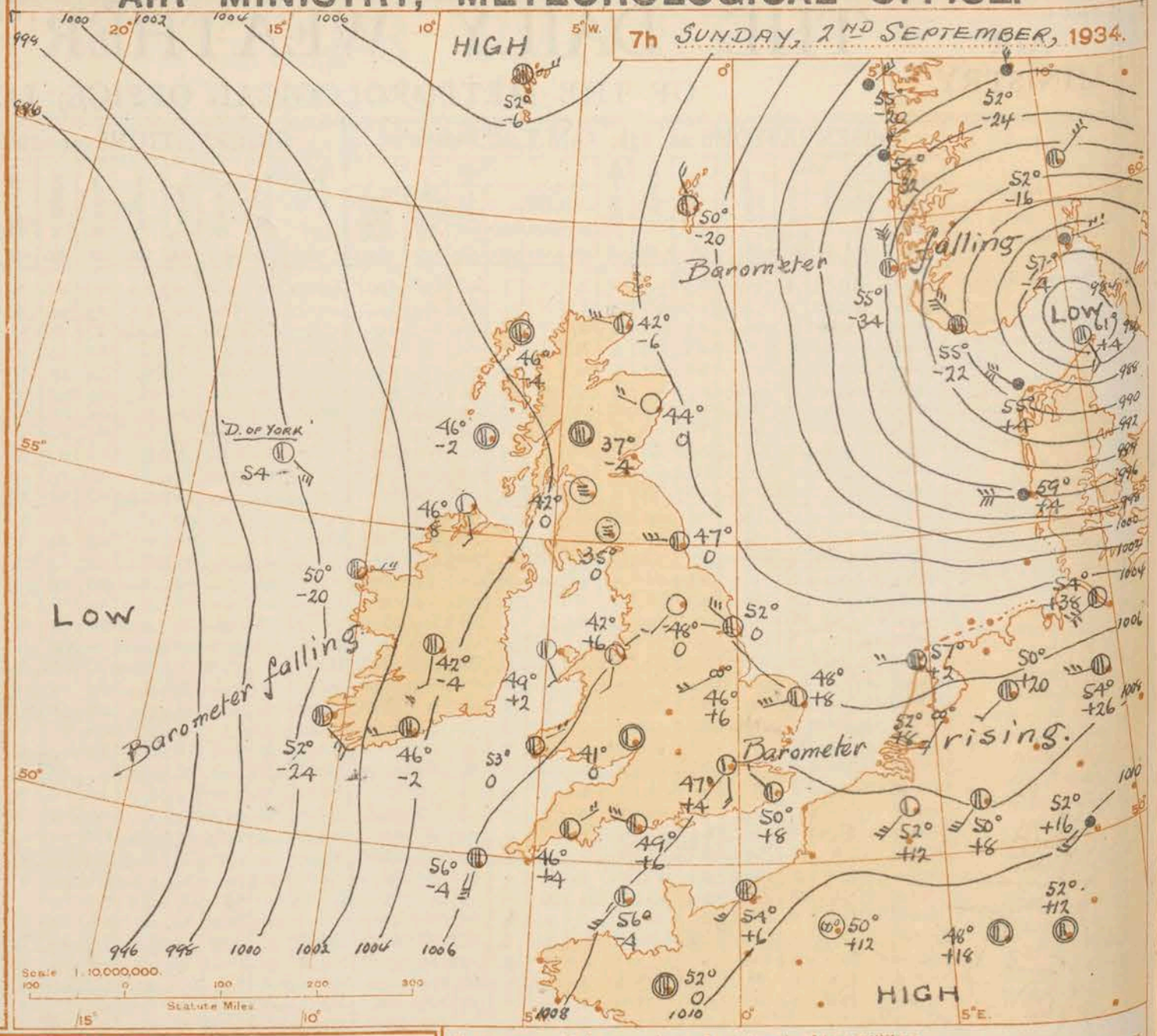
REPORTS from HEALTH RESORTS for 1st September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 31/52 to 9h. 1/52	Temperature. Max. 9h.—17h. 1/52	Rainfall. Night. 17h. 31/52 to 9h. 1/52	Rainfall. Day. 9h.—17h. 1/52	Sunshine. Sunrise to 17h. 1/52	Sunshine. Sunrise to Sunset. 31/52
1	Tunbridge W.	bbc	bcb	39	66	-	-	8·1	10·3
	Bournemouth	bco	cbc	47	64	-	-	6·2	8·0
	Ventnor ...	tbrcb	bc	50	63	4	-	9·5	9·1
	Southsea ...	bbc	bcb	47	65	-	-	7·8	9·6
	Bognor Regis	bbc	bcb	45	65	-	-	9·4	12·2
	Littlehampton	bc	bc	44	64	-	-	8·1	12·3
	Worthing ...	bbc	bbcb	46	64	-	-	10·1	12·5
	Brighton ...	b	b	45	65	-	-	9·9	12·4
	Eastbourne†	bc	bc	46	64	8	-	8·6	12·1
	Hastings† ...	bccb,c	cbcc	48	65	-	0·1	6·3	12·2
	Folkestone ...	bc	tirH	46	66	1	31	6·5	9·3
	Dover... ...	bchr	ctipct	46	63	6	5	5·0	8·7
	Deal	rbco	cco	45	64	1	1	4·9	6·7
	Ramsgate ...	bcc	crbc	50	62	Trace	0·2	5·1	6·7
	Margate ...	bc	bc	50	63	-	-	7·9	9·2
2	Southend ...	bbcp	bcpc	50	70	Trace	Trace	8·2	9·4
	Maldon ...	zbbc	bcpc	41	69	-	0·3	5·6	9·6
	Clacton-on-Sea	bct	bc	47	66	-	-	9·0	9·3
	Dovercourt ...	bc	pbcv	38	65	-	Trace	5·6	8·4
	Lowestoft ...	bbc	bcpr	44	64	-	Trace	~~5·8~~ 6·5	7·3
	Skegness ...	bbc	otir	46	64	2	Trace	8·3	10·9
	Mablethorpe	cbc	c	45	62	Trace	-	5·5	8·5
	Cleethorpes...	bmo	bc	48	63	2	-	6·6	9·1
3	Leamington S.	bc	c	43	65	-	-	7·9	9·8
4	Cheltenham†	bwzb	bccfr	41	57	-	Trace	8·5	8·4
5	Bath	bbc	bcch	41	65	-	Trace	7·4	8·6
	Weymouth ...	bc	bcb	47	64	1	Trace	5·5	9·8
	Jersey ...	rcbc	bcpbc	51	62	3	Trace	5·8	11·5
	Torquay ...	wbc	cprb	48	62	-	4	3·7	7·4
	Penzance ...	b	b'	49	64	3	-	9·6	7·8
	St. Ives ...	b	b	52	61	Trace	-	10·7	8·1
	Bude	pbcp	bc	49	61	9	0·3	8·3	8·2
	Ilfracombe ...	bbc	bc	51	62	-	-	7·6	9·4
6	Aberystwyth	bcpr	bcc	46	60	-	1	8·3	8·4
7	Llandudno ...	c	crbcc	46	60	-	1	3·4	6·9
	Colwyn Bay...	cbccp	crbcr	45	63	-	9	3·3	3·5
	Rhyl	bcc	bccbc	43	62	-	1	3·6	3·9
8	Wallasey ...	fcbc	rbtir	48	60	-	3	3·7	5·7
	Southport‖ ...	cbcc	cp.tc	42	61	-	0·4	4·3	3·7
	Blackpool ...	ctor	c	42	60	-	8	3·5	4·4
	Morecambe ...	rcrc	bccbc	42	61	1	4	5·8	4·7
9	Ilkley... ...	bbc	bcbcc	38	61	-	-	5·0	2·9
10	Berwick-on-T.	bc	bcc	40	57	2	-	8·1	6·9
11	Dunbar ...	bc	bc	41	58	Trace	-	7·2	5·1
12	Troon... ...	crcpc	bcpbc	47	59	Trace	3	4·2	8·6
	Douglas ...	cb	cbbc	47	60	-	-	7·8	8·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SUNDAY, 2ND SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd Sept. 1934.
1 S.E. England 2. E. England... 3. E. Midlands	Light southwest or south wind, freshening later; fair or fine today, perhaps rain later tomorrow; moderate temperature, local ground frost in morning.
4. W. Midlands 5. S.W. England 6. South Wales	Freshening southerly winds, becoming strong to gale on southwest coasts later; fair at first, rain spreading from southwest later; moderate temperature.
7. North Wales 8. N.W. England 9. N. Midlands	Light or moderate southwest or south winds, freshening later; fair at first, rain later; moderate temperature.
10. N.E. England 11. S.E. Scotland	Light variable wind, becoming southerly later; mainly fair or fine, but perhaps rain later; moderate temperature or rather cool.
12. S.W. Scotland & Isle of Man 13. A. W Scotld. / B. N.W. Scotland	Light or moderate southerly wind, freshening; cloudy, occasional rain later; moderate temperature.
14. Mid-Scotland	As 10 - 11.
15. N.E. Scotland 16. Orkneys and Shetlands.	Light variable to southerly wind; mainly fair but local showers at first; moderate temperature.
17. N.W. Ireland† 18. N.E. Ireland 19. S.E. Ireland	Moderate or fresh southerly wind, becoming strong to gale later; cloudy or overcast with rain spreading from southwest; moderate temperature.
20. S.W. Ireland†	South or southeast wind strong to gale; overcast with rain at times; moderate temperature.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— Temperature is given in degrees F.
Weather Symbols :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 1/5 clouded. Sky 1/10 to 1/5 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A vigorous depression centred about 400 miles west of Ireland is moving eastward and deepening. Rain is likely to commence soon in Southwest Ireland and spread north and east although it will not reach the east and north until tomorrow.

FURTHER OUTLOOK.

Unsettled.

Time of issue of Gale Warning.

† South Cone at 0930 on 2nd in districts 17 and 20.

Forecasts issued at 10.30 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.

Morning of Sunday, 2nd September 1934.

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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Sunday, 2nd September 1934.

No. 26582

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

District.	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1007.3	-2	SW'W	3	bcl	49	85	8	-	3	2	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1007.4	-4	WNW	2	bc	49	86	8	2	3	1	2-3	4-6	4000
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004.9	-8	WSW	2	b	51	86	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1006.9	-4	WNW	3	c	57	75	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007.5	-2	W'N	3	bc	54	95	8	7	4	1	2-3	2-3	4000
	Scilly (St. Mary's)	163	1007.8	-6	SW	2	b	52	95	8	-	-	-	0	0	-
	Guernsey ...	175	1008.5	-6	W'N	2	xx	53	95	8	6	-	-	10	10	1500
6	Pembroke ...	142	1004.8	0	WNW	2	c	56	75	8	8	6	-	4-6	7-8	4000
7	Holyhead ...	26	1004.8	-2	SSE	1	bc	48	95	7	2	-	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1005.1	-2	NW	2	bc	54	75	8	-	7	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1005.1	0	W	2	b	50	85	7	-	-	-	0	0	-
11	Inchkeith ...	190	1005.7	0	NW	1	b	49	95	7	-	-	-	0	0	-
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1004.8	+2	-	0	bc	48	95	7	8	7	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1005.8	0	SSE	3	bc	53	95	8	5	-	-	2-3	2-3	4000
16	Lerwick ...	54	1006.8	-6	NE	1	b	50	95	8	5	-	-	Tr	Tr	2500
17	Blacksod Point	18	1004.2	0	-	0	b	50	95	6	2	-	-	1	1	7200
18	Malin Head ...	52	1004.7	+2	S	1	b	45	95	8	5	-	-	Tr	Tr	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005.7	-6	S	1	b	49	95	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1007.7	+8	SW	2	b	49	95	8	-	7	-	0	1	-	1	*
1008.0	+4	S	2	b	47	95	7	8	3	-	Tr	1	4000	1	*
1007.6	+8	SSW	1	b	45	95	6	7	4	9	1	1	2500	1	*
1007.3	+6	SSE	1	3o	43	95	6	3	3	-	Tr	Tr	4000	1	*
1007.7	+4	NW	1	bc	52	95	7	5	4	-	Tr	2-3	2500	1	0
1008.2	+8	NNW	1	bc	50	85	7	2	3	-	Tr	2-3	4000	1	§0
1007.3	+6	SW	3	bc	49	95	7	2	-	-	2-3	2-3	4000	1	*
1007.3	+6	WSW	1	b	52	95	5	-	-	-	0	0	-	1	*
1007.0	+10	WNW	2	b	51	85	7	-	3	-	0	Tr	-	0	0
1006.0	+8	WSW	3	bc	48	95	(	-	3	-	0	2-3	-	0	2
1006.6	+6	W'S	2	3o	46	95	v	5	-	-	1	1	2500	1	*
1006.8	+2	WSW	2	b	49	85	8	-	3	-	0	Tr	-	1	*
1007.5	+12	-	0	3o	46	95	6	-	-	1	0	1	-	1	*
1007.0	0	-	0	btg	41	95	6	5	-	9	Tr	Tr	2500	0	*
1007.1	+6	WNW	3	bc	59	75	8	4	-	-	4-6	4-6	2500	1	3
1007.2	+4	NE	2	bcf3	46	95	8	2	3	4	Tr	4-6	2500	1	1
1007.0	0	ESE	2	c	55	95	8	8	5	-	4-6	9+	2500	1	2
1006.5	-4	S'W	3	c	56	95	8	8	7	-	7-8	9+	2500	1	2
1008.1	-4	SW	3	bc	56	95	7	8	-	-	4-6	4-6	1500	1	3
1005.0	0	ENE	2	bc	53	97	8	4	5	1	4-6	4-6	5700	1	1
1004.6	+2	SSE	1	bc	49	95	8	2	-	1	2-3	2-3	2500	1	1
1006.2	+6	S'W	1	b/f	42	95	5	1	-	-	Tr	Tr	4000	1	*
1005.8	0	SE	2	b	48	85	8	-	-	-	0	0	-	1	*
1006.0	+4	-	0	bf	41	95	2	-	-	-	0	0	-	1	*
1005.3	0	SW	1	b	48	85	8	-	-	-	0	0	-	0	*
1005.3	0	NW	3	bc	52	85	6	-	1	-	0	4-6	-	0	2
1005.1	+2	-	0	b	44	95	7	-	-	-	0	0	-	1	*
1004.3	0	W	3	bc	47	85	6	5	-	-	2-3	2-3	800	1	1
1005.5	-2	SW	1	of	45	95	3	5	-	-	10	10	450	1	1
1004.4	-2	W	1	b	41	95	8	1	-	1	Tr	Tr	2500	1	*
1005.0	0	-	0	f	42	95	3	5	-	-	10	10	<150	1	*
1005.8	0	-	0	bf	55	95	2	-	-	-	0	0	-	1	*
1003.6	-2	-	0	bc	46	95	8	8	4	-	2-3	2-3	2500	0	2
1004.1	-4	-	0	bc	46	95	8	7	7	-	1	2-3	2500	1	0
x	-4	-	0	c	37	95	6	4	1	-	4-6	10	800	1	*
1004.1	-4	W'N	2	b	44	95	5	-	-	-	0	0	-	1	1
1004.0	-6	WNW	3	bc	42	95	8	5	-	-	2-3	2-3	2500	0	2
1002.1	-20	NW	2	bc	50	95	8	5	2	4	1	2-3	800	0	*
1001.2	-20	E	3	c	50	95	9	-	7	-	0	9+	-	1	3
1003.0	-8	S	1	b	46	95	8	2	-	-	1	1	4000	1	0
1004.8	-4	S	1	bf-	41	95	3	-	-	1	0	1	-	1	*
1004.4	0	WNW	1	bc	47	85	6	5	-	-	4-6	4-6	1500	0	0
1004.1	-4	S	1	c	42	95	7	5	-	-	9+	9+	2500	1	*
1001.5	-24	SE'S	4	c	52	85	9	5	-	-	10	10	2500	1	3
1004.0	-12	W	2	c	46	95	8	8	-	-	7-8	7-8	2500	1	2

PAST 24 HOURS.

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 1½ Hrs. (36)
65	44	34	-	-	9.1
67	44	41	-	-	10.1
68	36	27	Tr	Tr	9.3
63	40	36	3	0.5	7.7
65	42	39	-	Tr	6.6
64	46	39	1	Tr	6.1
63	44	39	0.2	-	6.0
67	45	34	Tr	2.	7.9
63	47	38	-	-	5.7
66	47	44	-	-	7.4
64	43	41	-	0.1	5.5
64	44	40	2	-	7.9
66	40	32	0.2	0.5	*
64	38	28	0.1	-	7.1
62	54	*	Tr	2	*
62	44	42	0.4	0.2	8.9
62	50	*	-	2	*
62	51	*	1	-	8.5
61	50	49	0.4	3	8.9
59	49	*	0.4	0.1	5.7
60	46	40	0.3	Tr	6.0
63	36	32	6	Tr	4.0
57	44	41	4	-	4.3
63	33	28	0.4	7	6.9
62	43	38	-	-	6.5
(63)	50	*	-	-	6.9
63	36	29	3	-	7.5
58	45	42	-	-	*
59	45	37	3	Tr	5.6
59	38	32	-	6	7.5
59	34	31	2	-	4.3
59	30	27	Tr	Tr	5.8
58	44	31	1	Tr	8.1
58	45	*	-	0.2	9.6
56	30	25	2	-	7.4
60	40	39	-	Tr	9.5
57	39	*	-	-	*
⊖				-	10.3
58	45	*	0.4	1	*
57	42	*	*	-	6.8
59	38	33	Tr	2	5.6
61	42	*	2	-	*
60	38	30	0.6	-	5.9
59	44	43	1	Tr	6.4
59	43	*	1	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	bzobcy	bcgbc	bcbW	65	44	34	-	-	9.1	*	*	8
Croydon	217	bmbcy	bcy	bcjlW	67	44	41	-	-	10.1	*	*	8
Greenwich (Royal Observatory) ...	149	bzczoy	cyy	clbwy	70	45	33	-	Tr	8.1	34	57	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	8.8	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	69	45	39	-	-	8.7	48	73	*
Regents Pk. (Botanic Gardens) ...	166	*	*	*	*	*	*	*	*	9.5	*	*	*
Camden Square	110	b	bc	*	69	46	38	-	-	*	*	68	*
Kensington	80	bc	bc	*	67	45	38	-	-	10.2	At 18h. 50	71	*
Hampstead Observatory	452	bctL	bc	c	67	44	35	-	-	9.9	*	87	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 2nd

South Kensington. Max.	Time.	Min.	Time.
Defective Record			

Kew Observatory. Max.	Time.	Min.	Time.
0·3	8h 12t	0·1	14h-16h 1at.

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	1007.9	NNW	2	bc	61	1010.5	-	0	3o	50	64	45	-	-
Brussels	1005.8	W'N	2	bc	55	1008.0	SW'S	3	b	52	64	45	-	-
Berlin	998.2	WSW	7	RR	52	1008.4	WSW	4	c	54	55	48	33	-
Zürich	1005.6	NNE	1	c	55	1012.0	ESE	1	c	61	64	48	0.1	24
Rome	1005.6	S	5	do do	70	999.3	NW	8	o	64	*	*	0.2	3

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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 3rd September 1934.

No. 26583

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

District	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)
1	London (Kew)	1005·7	0	SSW	3	c	65	56	8	1	-	6	7-8	9	4000
	Croydon	1009·0	+6	S'E	3	bc	64	45	8	8	-	-	4-6	4-6	4000
	S. Farnborough	1008·4	0	~~SSE~~ SSW	3	c	67	55	8	2	-	8	7-8	7-8	4000
	Boscombe Down	1007·6	0	SSW	2	c	62	55	8	8	-	6	4-6	7-8	450
	Calshot, S'thmtn	1009·0	+6	SSW	4	bc	65	55	8	8	-	1	4-6	4-6	2500
	Lympne	1010·2	+8	SSW	4	c	63	65	9	8	-	1	7-8	7-8	2500
	Manston	1009·5	+10	SSW	3	bc	64	55	8	2	3	-	4-6	4-6	5700
2	Shoeburyness	1009·2	+4	S	3	bc	66	65	8	7	-	-	7-8	7-8	4000
	Felixstowe	1009·1	+10	E	4	bc	62	55	8	8	-	-	7-8	7-8	4000
	Gorleston	1008·7	+12	SSW	3	bc	64	55	7	2	-	-	4-6	4-6	4000
	Cranwell	1007·2	+2	SW'S	3	bc	65	45	8	1	-	-	4-6	4-6	4000
3	Birmingham	1006·9	0	SSW	2	c	60	55	8	7	-	6	4-6	7-8	2500
	Upper Heyford	1007·8	0	SW'S	4	c	63	45	9	1	-	6	4-6	9	4000
4	Ross-on-Wye	1006·7	+10	SSW	4	c	64	45	8	1	-	7	2-3	10	4000
5	Portland Bill	1008·4	+10	WSW	4	c	60	75	7	4	4	-	4-6	7-8	2500
	Plymouth	1007·1	-2	SSE	4	i_{r_o}	59	85	8	9	1	-	7-8	10	1500
	The Lizard	1006·8	-8	SE'S	5	rr	57	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	1004·0	-16	S'E	5	c/r	59	95	7	9	2	-	4-6	9+	1500
	Guernsey	1008·3	+6	S'W	2	c	62	75	8	8	-	-	10	10	2500
6	Pembroke	1003·7	-8	S	3	i_{r_o}	58	75	7	5	-	-	10	10	2500
7	Holyhead	1003·9	-10	S	4	c	58	75	9	1	1	-	2-3	10	2500
	Chester (Sealand)	1005·4	-6	SSE	3	c	63	55	9	1	1	8	2-3	9+	4000
8	L'pool (Bidston)	1005·3	-10	SE'S	3	c	60	65	9	8	-	-	9	9	4000
	Manchester	1005·8	-2	SW	4	c	62	55	8	1	-	6	2-3	9	4000
9	Harrogate	1005·2	0	SW	1	bc	63	45	7	1	6	-	4-6	4-6	4000
10	Spurn Head	1007·1	+6	SSW	2	bc	65	55	8	-	6	-	0	2-3	-
	Catterick	1004·9	-2	S	2	bc	63	45	8	7	-	-	4-6	4-6	4000
	Tynemouth	1004·7	0	SE	3	bc	58	75	7	2	-	-	4-6	4-6	2500
11	Inchkeith	1004·6	-6	SW	1	bc	58	85	7	7	6	-	4-6	4-6	1500
	Leuchars	1003·6	-6	E	3	bc	61	65	8	1	-	5	1	1	4000
12	Renfrew (Abbotsl.)	1005·2	-12	SWW	2	c	61	55	8	1	-	6	4-6	9	4000
	Eskdalemuir	1003·9	-4	SSW	3	c	59	65	8	8	-	-	7-8	7-8	4000
13A	Tiree	1001·1	-14	SE'E	4	c	57	75	8	8	7	6	4-6	9+	2500
13B	Stornoway	1002·5	-6	SSE	2	b	56	75	9	1	7	-	1	2-3	4000
15	Dalwhinnie	1002·4	-6	S	2	bc	58	55	8	4	1	-	2-3	4-6	2500
	Aberdeen	1003·3	-8	SSE	3	bc	59	65	7	2	-	-	1	1	4000
	Wick	1002·5	-6	SE	2	bc	57	85	8	3	-	-	4-6	4-6	2500
16	Lerwick	999·2	-12	NW	3	c	55	85	8	8	7	-	7-8	9	1500
17	Blacksod Point	995·3	-24	E	5	rr	53	85	6	6	-	-	10	10	220
18	Malin Head	999·7	-16	S'E	3	c	56	85	7	4	2	-	2-3	10	2500
	Aldergrove	1002·1	-10	SE'S	4	c	57	65	9	4	2	7	2-3	10	2500
	Donaghadee	1003·0	-8	S	2	c	57	75	8	5	-	-	7-8	7-8	1500
19	Birr Castle	1000·8	-24	S	2	c	54	85	8	5	-	-	10	10	2500
20	Valentia Obsy.	995·3	-22	S	5	o/r	59	95	7	6	-	-	10	10	450
	Roches Point	1000·0	-30	SW	5	rr	56	95	6	6	-	-	10	10	800

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

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)
1009·3	+6	SSW	3	c	61	65	8	5	2	-	4-6	10	2500	0	*
1009·5	+6	SSE	3	c	60	65	8	5	2	-	2-3	10	2500	0	*
1008·8	+6	S'E	4	i_{r_o}	59	75	7	6	2	-	Tr	10	2500	0	*
1007·6	-2	SSE	4	$r_o r_o$	55	95	6	6	-	-	10	10	800	1	*
1009·0	0	SSE	3	rr$_o$	60	85	8	6	-	-	10	10	1500	1	1
1011·0	+6	SSW	3	c	58	85	8	4	2	-	2-3	9+	2500	0	§2
1010·2	+6	SW	3	bc	58	85	8	1	7	-	1	7-8	4000	0	*
1009·9	+8	S'W	4	c	61	85	8	1	2	-	Tr	9+	4000	0	*
1009·5	+6	SSW	5	c	62	75	8	2	-	7	1	9	4000	0	3
1008·9	+6	S|W	4	c	61	65	7	2	2	8	2-3	9	2500	0	3
1006·9	-2	SSE	2	c	60	65	8	5	2	-	7-8	10	4000	1	*
1006·1	-4	SSW	3	$r_o r_o$	58	65	6	6	2	-	4-6	10	1500	1	*
1007·8	+6	SSW	3	rr	57	75	7	6	2	-	4-6	10	1500	1	*
1005·7	-10	SE'S	4	o|r	55	85	8	6	-	-	10	10	2500	1	*
1006·7	-20	SW	4	ir	60	95	7	5	-	-	10	10	1500	1	4
1004·4	-18	SSE	5	~~rrr~~ rrr$_o$	59	95	5	5	-	-	10	10	220	1	3
1003·5	-6	S'W	5	$r_o r_o$	59	95	6	5	-	-	10	10	1500	1	3
1001·5	-6	SW	5	or-	61	95	5	5	-	-	10	10	450	1	3
1008·0	-6	S	5	o	62	85	8	5	-	-	10	10	2500	1	3
999·6	-28	S	5	rr	58	95	4	6	-	-	10	10	220	r	3
999·5	-34	S'E	5	i_{r_o}	57	85	8	6	2	-	1	10	1500	1	3
1003·3	-14	SE'S	3	$r_o r_o$	56	75	6	6	2	-	7-8	~~7-8~~ 10	1500	1	*
1003·2	-14	SSE	4	rr	57	75	7	6	-	-	10	10	1500	1	*
1004·0	-12	SSW	4	c	59	65	7	5	2	-	Tr	10	2500	1	*
1004·8	-6	S	1	c	58	55	7	5	-	-	10	10	2500	0	*
1006·6	-4	SW'S	4	o	62	55	8	5	2	-	4-6	10	2500	0	3
1003·9	-4	S'W	3	o	59	55	~~98~~ 88	-	2	-	o	10	~	1	*
1003·5	-10	SE	2	o	57	75	6	5	-	-	10	10	1500	1	1
1002·9	-12	SSW	2	c	57	95	8	8	1	-	4-6	10	1500	0	1
1001·8	-12	ESE	3	c	57	85	7	4	2	8	4-6	10	2500	1	*
1000·7	-18	SE'S	2	c	56	75	8	4	2	-	1	10	4000	1	*
1001·8	-14	SSE	1	c	54	75	7	5	2	-	7-8	10	4000	1	*
996·5	-26	SE	5	i_{r_o}	55	75	7	6	2	-	4-6	10	1500	1	3
998·6	-18	ENE	3	c	55	75	9	5	7	-	2-3	9	2500	1	2
1001·5	-12	S	3	c	53	75	8	4	2	-	4-6	10	2500	0	*
1002·9	-4	SSE	4	cz$_o$	55	85	6	1	7	6	Tr	7-8	2500	0	1
1000·9	-10	SE	3	bc	55	85	8	8	1	1	4-6	4-6	2500	0	2
999·5	0	W	3	c	53	85	8	5	3	-	7-8	9+	1500	0	*
999·6	-24	SW	4	c	58	85	7	9	-	-	9+	9+	220	1	4
997·3	-50	ESE	5	$r_o r_o$	55	95	6	6	-	-	10	10	1500	1	2
998·2	-38	SSE	4	$d_o d_o$	54	95	6	6	2	-	7-8	10	800	1	*
998·4	-30	SSE	3	i_{r_o}	55	85	8	6	-	-	9	9	800	1	2
993·2	-28	S	3	c	59	95	8	8	-	-	9	9	2500	1	*
993·3	-6	S'W	5	c	59	75	8	5	-	-	9+	9+	1500	1	4
996·6	-20	SW	4	c	59	95	7	3	-	-	9	9	1500	1	5

PAST 24 HOURS.

Weather. 7h.–13h. 2nd (37)	Weather. 13h.–18h. 2nd (38)	Weather. 18h. 2nd to 1h. 3rd (39)	Weather. 1h.–7h. 3rd (40)
bccyc	cbcyc	cr$_o$c	crrc
bwbbc	bcc⊕yc	cr$_o$ci$_{r_o}$v	RRi$_{r_o}$
bcy	ci$_{r_o}$	ci$_{r_o}$corrR	orrci$_{r_o}$
m$_o$cvy	ci$_{r_o}$	r$_o$orr	oRrr$_o$
bwbcy	bccr	corrrr	oRRrr
bbcvy	bcvc	ci$_{r_o}$	cirr$_o$
bbcy	bcbbc		ci$_{r_o}$r$_o$r
bm$_o$bc	bcc	cr$_o$rm$_o$	crrr$_o$m$_o$
bbcy	bcyc	cr$_o$r$_o$c	oRRom$_o$
bc	bccy	corcy	corr$_o$
bm$_o$bc	bcyb	cr$_o$	rrddrr
bbc	c	cr$_o$rr	orrir
bbccy	cyrr	rrRr	rrRiR
bbccy	cor$_o$r	rdog$_r$	ror
bcc	prcirc	orr3$_o$	rrz$_o$c
bcci$_{r_o}$	orddm$_o$	oddrrm$_o$	ocrrm$_o$bc
corr	amrr	rr$_r$$_s$pr	opre
ci$_{r_o}$	ir$_o$ff	m$_o$p ir	p$_{og}$bc
bcc	cpr	orr R	oirc
bcci$_{r_o}$c	cmrrc	bcmdc	cq
c⊕	p$_{r_o}$r$_o$	r$_o$c	cm$_o$c
m$_o$bcvy⊕	vycr$_o$	or$_o$r$_o$c	ci$_{r_o}$bc
bm$_o$bcc	cor	rcpre	ccbb
fc$_o$bcy	cy	cr	cr$_o$c
bbc	bcc	cir	irc
bc	c	prc	iro
bwby	bcyoy	oyrrm$_o$	o$_{6r_o}$m$_o$c
bc	bc$_o$	oirq	birc
offbc	c	coir	ocbc
bwby	bbcc	cr$_o$rc	i$_{6m_o}$bc
ofb-cy	cyc	crrr$_o$r	R$_{r_o}$p$_{c_o}$b
ffbcc	c	crrr$_o$r$_o$	circ
bbcc	c	cRR	PRir
b	b⊕-c	cpr	cpr
bc	bc		rr
bm$_o$b	bbcc	cm$_o$r$_o$	oirqm$_o$
ffbc	bc	c	cpr
bcc	c	bcc	corrm$_o$
rr	PRc	PR	PRq
bcc	cjp	orr pr	cpr
bfbcc	cr$_o$r$_o$	cd$_o$r$_{6c}$	c-bbc
bcc	cir$_o$	oir$_o$c	cbc
c	coirc	cprc	c
cr$_o$o	id$_o$prc	cprbc	bcc
corr	orrc	cp$_o$c	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ◐ lunar halo. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

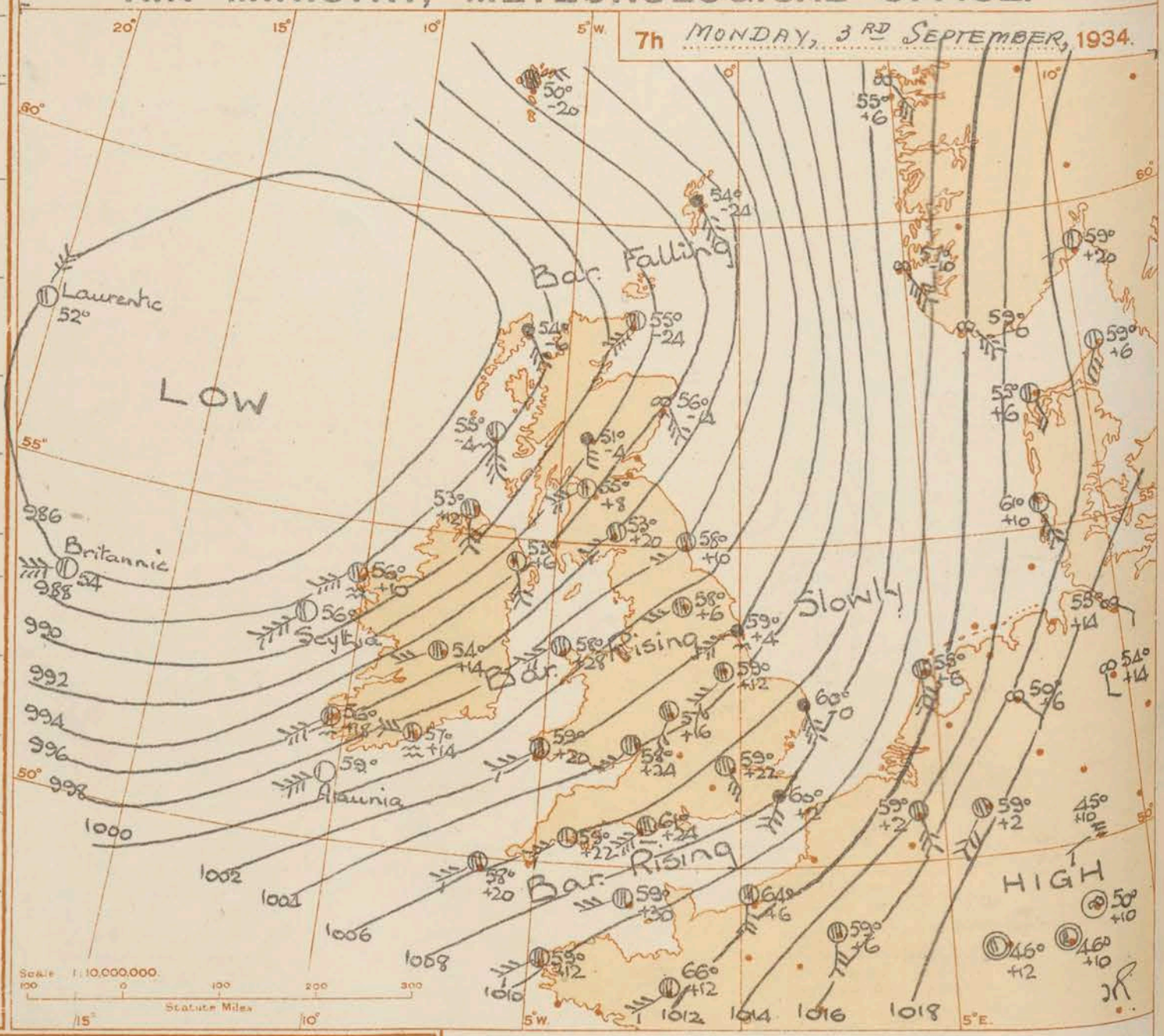
REPORTS from HEALTH RESORTS for 2nd September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 1st to 2nd 9h.	Temperature. Max. 9h.—17h. 2nd	Rainfall. Night. 17h. 1st to 2nd 9h.	Rainfall. Day. 9h.—17h. 2nd	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset. 1st
1	Tunbridge W.	b	bcc	40	67	–	–	9·6	8·2
	Bournemouth	b	bcod	43	65	–	1·	6·2	7·3
	Ventnor ...	tlrb	bor	48	66	16	0·3	6·2	10·3
	Southsea ...	bbc	bcor	47	66	–	Trace	7·1	8·3
	Bognor Regis	b	bbco	45	65	–	–	9·1	10·1
	Littlehampton	bc	bcc	43	64	–	–	9·1	9·1
	Worthing ...	bbc	bbcc	45	65	Trace	–	9·5	11·2
	Brighton ...	b	bcc	45	65	1	–	9·4	11·0
	Eastbourne†	cbc	bcc	47	65	2	–	9·4	9·6
	Hastings† ...	bbc	bcc	48	65	–	–	9·5	6·6
	Folkestone ...	b	bbcc	48	64	–	–	9·4	6·5
	Dover... ...	bcy	bcc	47	64	–	–	9·8	5·0
	Deal	bbc	cbco	47	65	–	–	10·1	4·9
	Ramsgate ...	bc	bcc	49	65	–	–	10·3	5·1
	Margate ...	bc	bc	48	66	–	–	10·1	7·9
2	Southend ...	b	bbcc	(48)	70	1	–	8·3	8·2
	Maldon ...	b	bbcco	40	69	–	–	7·9	5·7
	Clacton-on-Sea	cbc	bbc	47	64	8	–	10·2	9·0
	Dovercourt ...	bc	bcc	46	65	–	–	10·0	5·6
	Lowestoft ...	b	biz.	47	66	–	–	10·3	3·8
	Skegness ...	bbc	bco	45	64	0·4	–	9·1	8·4
	Mablethorpe	bcc	cov	44	65	–	–	6·3	5·6
	Cleethorpes...	bz	co	47	66	Trace	–	9·2	6·6
3	Leamington S.	c	co	39	64	Trace	–	6·2	7·5
4	Cheltenham†	bbc	bcesr	41	60	3	0·3	6·2	8·6
5	Bath	bbc	bcrrr	41	65	2	1	6·3	8·9
	Weymouth ...	b	bcr	48	65	–	1	6·8	7·1
	Jersey ...	rqbc	bcrc	51	63	3	0·2	2·3	6·5
	Torquay ...	wbcv	ordmr	45	62	–	2	4·7	5·0
	Penzance ...	bcrr	romr	48	61	0·4	4	0·7	9·6
	St. Ives ...	pr	pr	50	61	Trace	9	0·8	10·9
	Bude	bcp	r	50	60	Trace	2	3·7	9·6
	Ilfracombe ...	bc	bcor	51	65	3	2	5·0	7·6
6	Aberystwyth	prcbc	bccr	46	60	1	2	5·2	9·0
7	Llandudno ...	bbc	cr.	44	63	–	0·3	5·2	3·5
	Colwyn Bay...	bbc	cor	44	62	1	0·3	6·1	3·4
	Rhyl	bbc	cor.	40	63	–	Trace	3·7	3·6
8	Wallasey ...	mbbc	bcco	46	62	–	–	5·9	6·1
	Southport‖ ...	bbc	co	41	63	–	–	5·7	4·7
	Blackpool ...	cbc	co	42	62	2	–	4·5	3·5
	Morecambe ...	bcdbc	bcc	41	63	Trace	–	5·2	6·2
9	Ilkley... ...	b	bcc	39	64	–	–	7·1	5·3
10	Berwick-on-T.	bbc	bcco	40	60	–	–	7·0	8·1
11	Dunbar ...	bcm.	c	45	62	2	–	7·1	7·4
12	Troon... ...	bcw	bbcoc	41	61	–	–	6·5	6·1
	Douglas ...	dccb	cbcid	42	59	–	Trace	5·9	8·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 3RD SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd Sept. 1934.
1 S.E. England	Moderate or fresh southwest wind; bright intervals, local showers; perhaps occasional rain later; average temperature.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Fresh or strong southwest wind; showers or occasional rain; perhaps local thunder; bright intervals; average temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. A. W. 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	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — ◯ 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. ✱ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression off Northwest Ireland is moving slowly northeast but will tend to become stationary and rather less deep. Secondaries are likely to cross the British Isles. Weather will be unsettled with bright intervals.

FURTHER OUTLOOK.

Unsettled, but bright intervals; local thunder.

Times of issue of Gale Warnings.

V South Cone at 0930 on 2nd in districts 17 and 20 and at 0815 on 3rd in district 16.

Forecasts issued at 0915 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. Py 250/2781. We 8016. 0.6301 Gp 908 22200. 9/34.

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

Morning of
Monday,
3rd September,
1934.

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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Monday, 3rd September 1934.

No. 26583

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

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1006·5	-1·1	SSE	5	Y₀Y₀q	60	85	8	5	–	–	10	10	2500
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	3	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1005·4	-1·6	S'W	4	i Y₀	61	75	7	5	2	–	7-8	10	2500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1008·0	-2·0	S'E	7	c	60	95	7	6	–	–	7-8	7-8	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1002·5	-0·6	SW	6	r r	60	95	6	5	–	–	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1002·6	0	SW	4	pr	58	95	6	5	–	–	10	10	1500
	Scilly (St. Mary's)	163	1002·1	+0·4	SW'W	5	c/r	59	95	7	3	–	–	3-4	3-4	2500
	Guernsey	175	1006·3	-0·10	SSW	4	o	63	95	7	5	–	–	10	10	2500
6	Pembroke	142	999·1	-0·2	SW	4	c	60	95	7	5	–	–	10	10	1500
7	Holyhead	26	999·0	0	SW'S	5	c	53	95	6	5	2	–	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1002·3	-1·2	S'W	7	pr	59	65	7	6	2	–	4-6	7-8	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	998·8	-1·8	S	5	o/r	55	85	7	6	–	–	10	10	1500
11	Inchkeith	190	995·9	-1·8	SE	4	o	53	95	7	6	–	–	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	991·6	-4·2	ESE	4	c/pr	54	85	7	8	2	–	4-6	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	997·3	-1·1	S	5	c	55	85	8	8	2	–	7-8	10	1500
16	Lerwick	54	1000·2	+2·2	S'W	4	c	53	85	7	8	2	–	4-6	7-8	1500
17	Blacksod Point	18	988·0	-4	SW'W	5	PR	56	95	7	9	–	–	7-8	7-8	800
18	Malin Head	52	987·8	-6	S'E	4	c/pr	55	85	7	3	–	–	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	993·9	+0·6	WSW	6	bc q	55	95	8	8	9	–	2-3	2-3	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	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)
1	London (Kew)	1006·3	+2·4	SW'S	2	c/r	59	95	8	5	7	–	2-3	9+	1500	1	*
	Croydon	1006·7	+1·8	SSE	3	c/r	59	95	7	5	7	–	Tr	9+	1500	1	*
	S. Farnborough	1006·3	+2·2	~~SW~~ S'W	3	c	58	95	7	6	2	–	2-3	9+	800	1	*
	Boscombe Down	1005·9	+2·2	SSW	4	c/r	58	95	8	5	2	–	7-8	10	800	1	*
	Calshot (S'thmtn)	1007·1	+2·4	SW	4	c/r	61	95	8	5	2	–	7-8	10	450	1	3
	Lympne	1008·2	+1·2	S'W	5	i d₀	60	95	6	5	–	–	10	10	450	5	5·4
	Manston	1007·7	-1·8	S'W	4	d r	60	95	5	8	–	–	10	10	1500	1	*
2	Shoeburyness	1006·6	+1·4	S'W	3	d d₀	62	95	5	5	–	–	10	10	450	1	*
	Felixstowe	1006·1	-0·2	S	6	o/r	60	95	7	6	–	–	10	10	800	1	4
	Gorleston	1006·4	0	S'E	7	r r	60	95	6	6	–	–	10	10	1500	1	5
	Cranwell	1003·3	+1·2	SSW	4	c/r	58	85	8	6	2	–	7-8	10	2500	1	*
3	Birmingham	1004·1	-1·6	SSW	2	c	57	95	7	6	7	–	2-3	9	800	1	*
	Upper Heyford	1005·3	+2·2	SW	3	c/r	57	95	8	5	7	–	7-8	9	800	1	*
4	Ross-on-Wye	1004·1	+2·4	SW'W	3	c	58	83	7	6	1	–	1	9	2500	1	*
5	Portland Bill	1006·1	+2·4	SW	6	c	61	95	7	5	–	–	7-8	7-8	1500	1	4
	Plymouth	1005·9	+2·2	SW'W	4	bc	59	95	7	5	7	–	4-6	7-8	2500	1	2
	The Lizard	1006·7	+2·0	SW'W	3	c	58	95	8	4	7	4	4-6	7-8	2500	1	3
	Scilly (St. Mary's)	1005·8	+2·0	SW'W	4	c	58	85	7	8	4	3	4-6	7-8	2500	1	3
	Guernsey	1006·3	+3·0	SW	3	c/r	59	95	7	8	–	–	10	10	2500	2	3
6	Pembroke	1000·5 (1000·3)	+2·0	WSW	4	c q	59	75	7	8	–	–	7-8	7-8	2500	1	3
7	Holyhead	~~999·6~~	+2·8	SW'S	5	c	58	85	7	7	–	–	7-8	7-8	1500	1	3
	Chester (Sealand)	1001·2	+2·2	SSW	2	bc	58	75	7	5	–	2	2-3	4-6	4000	1	*
8	L'pool (Bidston)	1001·3	+1·2	SW	4	b	57	76	8	7	7	9	0	2-3	–	1	*
	Manchester	1001·4	+2·4	SW	3	c	58	75	7	5	7	–	2-3	4-6	2500	1	*
9	Harrogate	1000·5	+0·6	SW	3	c	58	85	6	5	–	–	9	9	5700	1	*
10	Spurn Head	1001·8	+0·4	SW	5	r r	59	95	7	6	2	–	4-6	10	1500	1	4
	Catterick	~~999·6~~	+1·8	SW	4	c/r	59	75	8	5	7	–	4-6	7-8	2600	1	*
	Tynemouth	~~997·6~~	+1·0	SW	2	c	58	85	6	8	–	–	7-8	7-8	1500	1	1
11	Inchkeith	994·1	+0·6	SW	4	bc	57	95	7	4	–	–	4-6	4-6	1500	1	2½
	Leuchars	~~993·9~~	+0·4	SSW	3	bc	55	85	7	7	–	–	4-6	4-6	2500	1	*
12	Renfrew (Abbotsl)	993·1	+0·8	SW'W	5	jp	55	75	7	2	–	–	2-3	2-3	2500	1	*
	Eskdalemuir	996·0	+2·0	SSW	4	c	53	85	7	8	–	–	7-8	7-8	1500	1	*
13A	Tiree	987·4	+0·4	S	6	c	55	85	7	5	9	–	4-6	9+	1500	1	4
13B	Stornoway	987·1	-0·6	SSE	5	pr	54	95	7	8	2	–	4-6	10	1500	1	3
15	Dalwhinnie	992·0	-0·4	S	3	r r	51	85	7	9	4	–	4-6	10	1500	1	*
	Aberdeen	993·7	-1·4	S'E	5	c Y₀	56	95	6	6	7	–	7-8	9	2200	1	4
	Wick	990·6	-2·4	SSW	7	c/pr	55	95	7	9	1	–	7-8	9+	1500	1	3
16	Lerwick	995·7	-2·4	S'E	6	r r	54	95	6	6	–	–	10	10	800	1	*
17	Blacksod Point	986·0	+1·0	SWW	7	c q	56	95	7	9	–	–	7-8	7-8	450	1	5
18	Malin Head	987·7	+1·4	S	5	c	53	95	7	8	9	2	4-6	9	1600	1	1
	Aldergrove	993·4	+1·6	S	5	bc	53	75	8	5	–	1	7-8	7-8	800	1	*
	Donaghadee	994·5	+1·6	SW	3	bc	55	85	8	5	5	–	2-3	4-6	1500	0	2
19	Birr Castle	995·0	+1·4	WSW	3	c	54	85	8	8	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy.†	997·2	+1·8	SW'S	6	c	56	75	8	8	–	–	7-8	7-8	2500	1	4
	Roches Point	999·6	+1·4	W	4	bc	57	85	8	3	–	–	4-6	4-6	1500	1	5

PAST 24 HOURS.

District	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)
1	London (Kew)	66	57	55	–	15	8·4
	Croydon	65	57	54	–	22	7·8
	S. Farnborough	68	56	55	Tr	18	7·7
	Boscombe Down	64	55	54	!	18	5·8
	Calshot (S'thmtn)	66	59	58	0·4	30	8·0
	Lympne	64	57	55	–	5	9·4
	Manston	65	56	54	–	5	10·2
2	Shoeburyness	68	57	56	–	14	8·7
	Felixstowe	65	58	56	–	15	9·5
	Gorleston	66	58	57	–	8	9·9
	Cranwell	65	53	51	–	5	8·0
3	Birmingham	62	53	50	Tr	10	6·9
	Upper Heyford	65	54	52	0·4	17	*
4	Ross-on-Wye	69	55	54	2	6	6·3
5	Portland Bill	62	59	*	2	16	*
	Plymouth	60	58	56	3	9	3·2
	The Lizard	60	57	*	4	6	*
	Scilly (St. Mary's)	61	57	*	0·6	3	0·1
	Guernsey	64	59	59	0·2	27	5·0
6	Pembroke	59	57	*	3	0·6	1·8
7	Holyhead	60	57	54	0·1	0·2	3·6
	Chester (Sealand)	64	54	50	0·3	1	6·1
8	L'pool (Bidston)	61	53	51	0·2	1	5·9
	Manchester	63	53	51	–	1	6·9
9	Harrogate	64	52	49	–	2	7·7
10	Spurn Head	68	50	*	–	7	8·5
	Catterick	63	52	50	–	2	7·2
	Tynemouth	59	54	51	–	5	*
11	Inchkeith	59	53	50	–	2	5·6
	Leuchars	63	52	50	Tr	3	6·7
12	Renfrew (Abbotsl)	62	52	50	–	3	3·9
	Eskdalemuir	59	48	48	Tr	6	3·1
13A	Tiree	58	51	50	Tr	3	5·4
13B	Stornoway	57	52	*	–	5	6·7
15	Dalwhinnie	60	46	44	–	10	5·9
	Aberdeen	59	52	51	–	5	10·2
	Wick	58	54	*	–	3	*
16	Lerwick	57	50	*	–	3	3·7
17	Blacksod Point	60	53	*	2	3	*
18	Malin Head	56	52	*	Tr	3	3·7
	Aldergrove	57	52	48	1	1	2·7
	Donaghadee	59	53		0·5	2	*
19	Birr Castle	59	52	48	1	0·1	0·1
20	Valentia Obsy.†	62	55	52	3	0·3	0·6
	Roches Point	59	55	*	6	0·2	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather. 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	bc c y c	c b c y c	c g r r c	66	51	56	–	15	8·4	*	*	8
Croydon	217	b w b b c	b e c b y c	c g g R R₀	65	57	54	–	22	7·8	*	*	8
Ganen'wich (Royal Observatory)	149	b b c y	c ⊕	c i r c r r	71?	57	53	–	15	8·3	52	87	6
City (Bunhill Row)	—									8·3	*	*	*
Westminster (St. James' Park)	27	*	*	*	67	57	55		12	7·9	61	88	*
Regents Pk. (Botanic Gardens)	168	*	*	*	67	57	55	Tr	14	7·3	53	83	*
Camden Square	110	b b c	b c c	*	68	58	54	–	13	*	*	87	*
Kensington	80	b c	c	*	67	58	53	–	14	7·9	At 18h. 56	93	*
Hampstead Observatory	459	b	b c	*	65	55	49	0·2	14	7·5	*	99	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 3rd

South Kensington. Max.	Time.	Min.	Time.
60·3	18h 2nd 7h 3rd	NIL	12h-17h 2nd

Kew Observatory. Max.	Time.	Min.	Time.
0·1	6h. 3rd	40·1	rest of period

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1012·9	WSW	2	c/r	64
Brussels	1012·7	SSW	3	bc	59
Berlin	1013·9	–	0	c	63
Zürich					
Rome	1006·5	+	+	bc	68

7h. G.M.T. 3rd September

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1014·5	S	4	c	59
Brussels	1013·6	S'E	5	c	59
Berlin	1015·7	NNW	1	m	61
Zürich	1021·2	ESE	1	o	46
Rome	1011·9	NNE	2	b	66

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	68	55	Tr	–
Brussels	65	52	–	–
Berlin	64	52	–	–
Zürich				
Rome		43	–	–

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.

† Hr. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 7h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 4th September 1934.

No. 26584

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

District	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)
1	London (Kew)	1010.5	+2.0	SSW	4	bc	67	55	8	1	–	9	2-3	4-6	2500
	Croydon	1010.6	+1.4	SSW	4	c	69	65	8	7	–	–	7-8	7-8	2500
	S. Farnborough	1010.4	+1.8	SW	4	bc	71	55	7	1	–	8	2-3	2-3	4000
	Boscombe Down	1009.9	+1.8	SW	4	bc	67	55	8	8	–	–	4-6	4-6	2500
	Calshot. S'thmtn	1011.0	+1.8	SSW	5	bc	67	65	8	1	–	5	1	2-3	2500
	Lympne	1012.4	+2.4	SW	3	c	65	85	8	7	2	–	4-6	9+	1500
	Manston	1011.3	+3.0	SW	3	c	67	75	7	5	2	–	7-8	9	2500
2	Shoeburyness	1011.1	+1.0	SSW	3	c	71	85	8	7	1	1	4-6	7-8	2500
	Felixstowe	1010.6	+2.2	SW'S	3	c	67	75	8	7	3	–	4-6	7-8	1500
	Gorleston	1009.7	+2.0	SSW	3	c	68	65	6	4	7	–	4-6	9+	2500
	Cranwell	1008.4	+2.0	SSW	4	bc	68	55	7	2	3	–	4-6	4-6	2500
3	Birmingham	1007.6	+1.6	SW	4	cjp	66	55	8	6	–	–	7-8	7-8	2500
	Upper Heyford	1009.5	+1.8	SW	3	bc	68	55	7	1	–	–	4-6	4-6	4000
4	Ross-on-Wye	1009.2	+2.4	WSW	4	pr$_o$	60	75	8	8	–	–	9	9	4000
5	Portland Bill	1011.6	+2.4	WSW	5	bc	62	85	7	4	–	–	4-6	4-6	2500
	Plymouth	1010.5	+1.8	SW	5	bc	64	85	8	2	–	–	2-3	2-3	2500
	The Lizard	1010.7	+1.4	SW'S	5	bc	65	85	8	7	–	–	2-3	2-3	4000
	Scilly (St. Mary's)	1009.5	+1.6	SW'W	5	b	63	75	7	2	–	–	1	1	2500
	Guernsey	1012.8	+2.0	WSW	3	bc	66	75	7	8	–	–	4-6	4-6	2500
6	Pembroke	1005.6	+2.0	WSW	4	c	62	75	8	8	6	–	4-6	7-8	4000
7	Holyhead	1003.5	+2.0	SSW	6	b	63	75	7	1	–	–	1	1	1500
	Chester (Sealand)	1005.6	+1.6	SW'S	4	bc	68	45	8	1	–	–	4-6	4-6	4000
8	L'pool (Bidston)	1005.8	+2.0	WSW	5	bc	64	55	8	8	–	–	4-6	4-6	4000
	Manchester	1005.4	+1.4	SW	5	c	65	45	8	8	–	–	7-8	7-8	2500
9	Harrogate	1005.3	+1.0	SW	4	q	66	45	7	2	–	–	2-3	2-3	4000
10	Spurn Head	1007.2	+1.6	W..	6	bc	68	55	7	4	1	–	2-3	4-6	2500
	Catterick	1004.0	+2.2	SW'S	6	q	67	45	8	1	–	–	4-6	4-6	4000
	Tynemouth	1003.3	+2.4	WSW	5	bc	66	55	7	2	–	–	4-6	4-6	2500
11	Inchkeith	998.0	+.8	SW	6	c	62	75	8	2	6	–	4-6	7-8	4000
	Leuchars	998.3	+2.4	SW	5	c	63	55	8	8	–	–	7-8	7-8	1500
12	Renfrew (Abbotsl.)	997.6	+2.4	SW'S	6	q	64	55	8	8	–	–	9	9	2500
	Eskdalemuir	1000.3	+2.0	SSW	7	c|pr	58	75	7	8	–	–	9+	9+	1500
13A	Tiree	999.0	+1.6	S'W	7	cR	56	85	7	9	2	–	7-8	9	1500
13B	Stornoway	997.3	+.6	S	8	c|pr	56	85	6	5	6	–	7-8	9+	1500
15	Dalwhinnie	994.9	+1.8	S	4	ir	53	85	7	9	2	–	4-6	10	1500
	Aberdeen	997.2	+2.2	S'E	5	bcjp	61	65	8	8	–	–	4-6	4-6	2500
	Wick	992.6	+2.6	SSW	3	c	61	75	8	8	1	–	4-6	7-8	1500
16	Lerwick	993.0	+.4	S'W	5	bc	55	95	7	8	1	–	4-6	4-6	1500
17	Blacksod Point	994.3	+4.0	SW	7	q	59	75	7	3	4	–	4-6	7-8	800
18	Malin Head	992.6	+3.0	SW	5	pr$_o$	59	85	7	3	–	–	9	9	1500
	Aldergrove	997.3	+1.8	SSW	6	c|pr	61	65	8	8	7	3	4-6	7-8	1500
	Donaghadee	997.7	+1.0	SW	5	bc	63	65	8	8	–	–	4-6	4-6	1500
19	Birr Castle	1000.1	+2.2	SW	4	c	61	65	8	9	–	–	7-8	7-8	2500
20	Valentia Obsy.	1001.8	+1.8	SSW	6	bc	62	75	8	8	–	1	4-6	4-6	1500
	Roches Point	1003.9	+1.2	W	4	bc	60	75	8	3	–	–	4-6	4-6	2500

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

District	Stations. (For heights see p. 4.)	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)
1	London (Kew)	1013.2	+2.6	SSW	3	b	67	65	8	1	–	–	Tr	Tr	2500	1	*
	Croydon	1013.8	+2.0	SSW	4	b	65	55	8	1	–	1	Tr	1	4000	1	*
	S. Farnborough	1013.2	+2.0	SSW	4	b	63	75	8	–	–	–	0	0	–	1	*
	Boscombe Down	1012.5	+1.8	SW'S	4	b	62	75	7	–	–	–	0	0	–	0	*
	Calshot. S'thmtn	1014.1	+1.4	SSW	4	bc	63	75	8	1	–	–	2-3	2-3	2500	0	2
	Lympne	1015.1	+1.6	SW	3	b	62	85	8	–	–	8	0	Tr	–	1	§3
	Manston	1013.9	+1.8	SW	3	bc	63	85	7	1	–	–	2-3	2-3	4000	1	*
2	Shoeburyness	1013.5	+1.2	SSW	2	b	65	85	8	–	4	–	0	Tr	–	1	*
	Felixstowe	1013.0	+1.2	SSW	4	bc	65	75	8	1	4	–	Tr	2-3	2500	0	2
	Gorleston	1011.4	+.8	SSE	3	bc	69	75	6	7	–	–	2-3	2-3	2500	1	2
	Cranwell	1010.6	+1.6	SW'S	3	b	65	65	8	1	–	–	Tr	Tr	4000	1	*
3	Birmingham	1010.2	+1.6	SW	3	bc	64	55	8	1	–	–	2-3	2-3	1500	1	*
	Upper Heyford	1012.1	+2.0	SSW	3	bcjp	64	65	7	8	–	–	4-6	4-6	4000	1	*
4	Ross-on-Wye	1010.9	+1.4	SW	3	bc	63	65	8	8	–	–	4-6	4-6	4000	0	*
5	Portland Bill	1013.7	+1.0	WSW	4	bc	62	85	7	4	–	–	2-3	2-3	2500	1	4
	Plymouth	1012.5	+1.2	SW'S	5	bc	61	95	8	8	3	–	4-6	4-6	1500	1	3
	The Lizard	1012.4	+1.0	SW'S	4	bc	61	95	8	8	–	–	2-3	2-3	2500	1	3
	Scilly (St. Mary's)	1011.6	+.8	SW'W	5	b	61	85	7	–	4	–	0	1	–	1	3
	Guernsey	1014.6	+1.2	W	3	b	63	75	7	–	1	–	0	Tr	–	1	3
6	Pembroke	1008.5	+1.0	SW'W	4	bc	60	85	7	4	6	–	2-3	4-6	4000	1	3
7	Holyhead	1006.5	+2.0	SSW	5	b	60	85	7	3	–	1	1	1	1500	1	3
	Chester (Sealand)	1008.5	+2.0	SW'S	4	bc	65	45	8	1	–	–	2-3	2-3	4000	1	*
8	L'pool (Bidston)	1008.9	+1.0	WSW	5	b	62	55	8	1	–	–	Tr	Tr	4000	0	*
	Manchester	1008.7	+2.0	SW	4	c|ph(r)	60	85	8	9	–	–	7-8	7-8	2500	1	*
9	Harrogate	1007.8	+1.0	SW	3	b	62	65	7	2	–	–	1	1	4000	0	*
10	Spurn Head	1009.3	+.8	W'S	5	bc	67	65	7	–	7	–	0	2-3	–	0	2
	Catterick	1006.8	+1.4	SW	4	b	63	55	8	8	–	–	1	1	4000	0	*
	Tynemouth	1005.6	+1.6	SW	3	bc	65	55	7	1	–	–	2-3	2-3	4000	1	1
11	Inchkeith	1002.1	+1.4	SW	5	c	60	85	8	8	8	–	4-6	7-8	4000	1	3
	Leuchars	1001.5	+2.2	SSW	5	bcjp	60	65	8	9	6	3	2-3	2-3	2500	1	*
12	Renfrew (Abbotsl.)	1000.6	+2.6	SSW	4	c	59	75	8	8	6	3	4-6	7-8	2500	1	*
	Eskdalemuir	1003.7	+2.4	SSW	6	t|r	55	95	6	9	–	–	9+	9+	800	1	*
13A	Tiree	994.7	+3.6	SSW	7	c	58	75	7	3	–	8	4-6	9	1500	1	5
13B	Stornoway	989.7	+1.6	S	8	c	57	75	6	8	6	–	4-6	7-8	1500	1	4
15	Dalwhinnie	998.6	+2.4	S	2	rr	50	95	7	9	4	–	4-6	10	1500	1	
	Aberdeen	1000.6	+2.4	S	4	bc|pr	58	75	7	8	–	–	2-3	2-3	2500	1	3
	Wick	995.5	+1.2	SSW	6	cjp	59	75	8	9	4	8	4-6	7-8	1500	0	3
16	Lerwick	996.2	+2.6	SSW	6	b	55	85	7	5	–	–	Tr	Tr	2500	1	*
17	Blacksod Point	997.7	+1.2	SW	7	q	57	85	8	9	–	9	4-6	7-8	1500	0	4
18	Malin Head	996.5	+2.8	SSW	5	c	58	75	7	4	9	3	2-3	9	1500	1	1
	Aldergrove	1001.1	+2.4	SSW	4	bc	58	65	8	8	7	3	2-3	4-6	1500	1	
	Donaghadee	1001.1	+1.6	WSW	3	bc	61	65	8	5	3	–	4-6	4-6	1500	0	2
19	Birr Castle	1002.7	+1.8	SW	3	c	60	65	8	9	8	–	7-8	7-8	2500	1	*
20	Valentia Obsy.	1003.7	+1.0	S'W	5	c	59	75	8	3	–	6	2-3	7-8	1500	1	3
	Roches Point	1006.6	+1.0	W	4	bc	60	85	8	3	–	–	4-6	4-6	2500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 3rd (37)	13h.–18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.–7h. 4th (40)
cbc	bcyb	b	bbcwc3$_o$
cbcc	bcb	bbw	bbcw
cr$_o$cbc	bcyb	bbwm$_o$	bwbc
ir$_o$bc	bcyb	bbw	ccwm$_o$
cbcb	b	b. bw	bwbcw
ocm$_o$c	cbcb	bbw	bwbcF
crddmc	cbc	*	bwbc
cbcr	bcb	bbc	b
oddc	cbv	~~cbb~~ bvb	bbw
orrcq	cbcq	bcb	bbcw
cbcy	bcyby	bbm$_o$	bcm$_o$
cbc	bc	bcpr$_o$	bcc
cbc	bcy	b	bcbw
cbcc	bcy	bccPb	bbc
cbc	bc	bc	bcbc
bcb	bbc	bcb	bbccw
cbc	bcpr$_o$	bc	bcpr$_o$
cbcb	bbcb	bbcb	l r$_{or}$
cirbc	bc	bw	bwbc
cbc	bc	bcq	bc
cb	b	pr$_o$bc	PRcq
bcjpv	bcvy	bcbw	bbcpr$_o$
bbcy	bcby	by bbc	bcr$_o$bc
bcvc	PRHq	b cbw	bcw
cbq	bcb	b	p$_o$cbc
cbc	bc	bc	bc
bcyq	bcyq	byb	bwmbcw
cbcq	bcq	bbc	bc
cq	cpr	cbc	bcpr$_o$
bccy	bcyq	bcjp	bcwc
cpr$_o$cq	PRbc	PRpr bc	bccRR
ccprw	bccprc	bcrpr	cpr
cir	iRc	iRbc	bc
cpr	cir$_o$	ir$_o$pr	cprq
ir	ir	*	ir
cp$_o$bc	bcprbpr	bcb	bbc
c	bc	bc	bc
crrbc	bcb	bc	bcz$_o$
prbcq	bcq	bcq	bc
cpr$_o$	cp$_o$	bc	bc
cqcprq	cqcprbc	bcb	ccprbc
bc	pr$_o$bc	bc	RRbc
cpr	c	cprc	c
cp$_o$bc	bcc	r$_o$irc	PRbc
bc	bc	bcpc	crrbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ◑ lunar halo. ≫ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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 $\frac{1}{10}$ 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.

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

§ Sea disturbance reported from Dungeness.

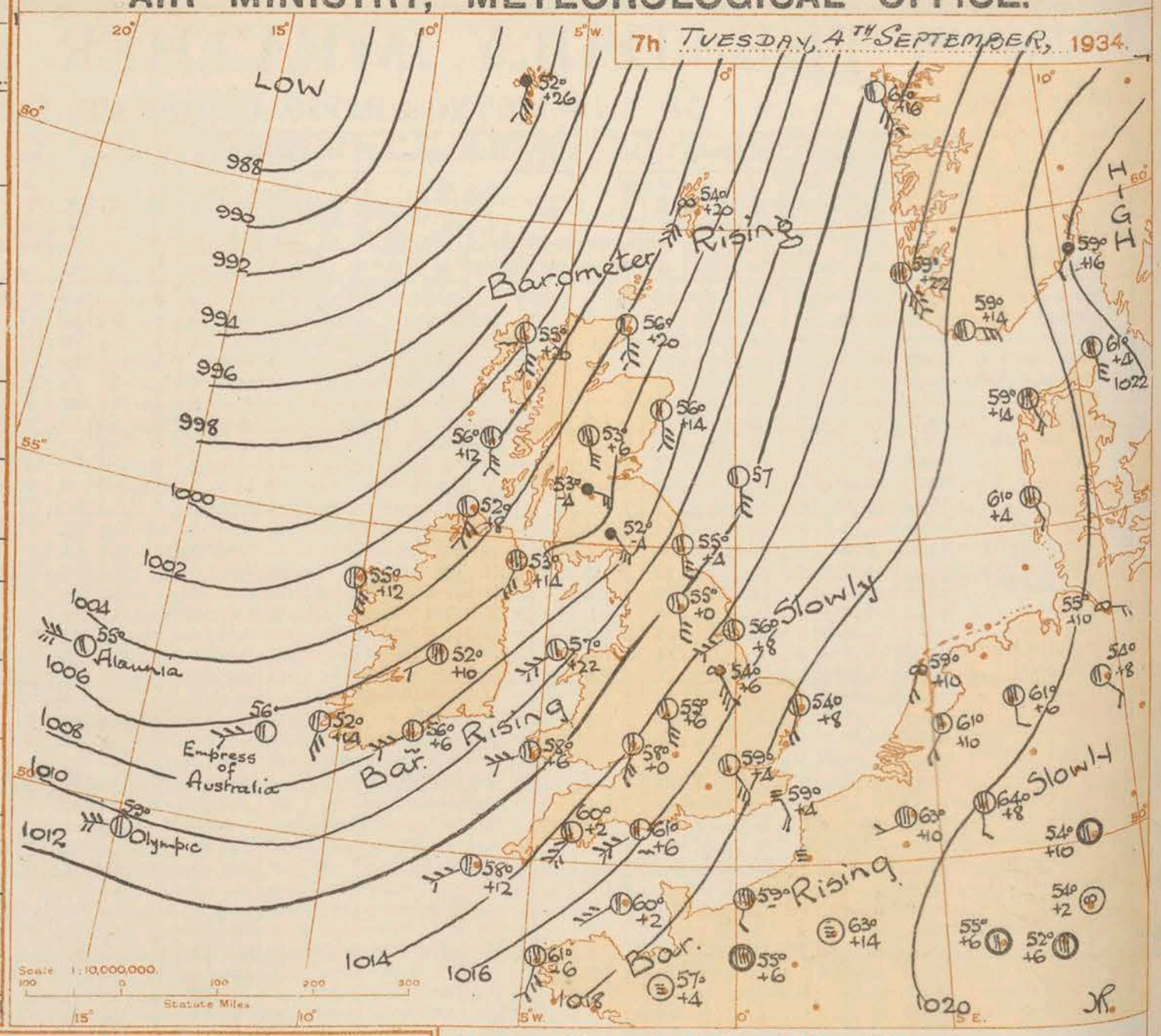
REPORTS from HEALTH RESORTS for 3rd September 1934.

Districts.	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.
1	Tunbridge W.	poc	cbcb	56	69	18	Tr	4.6	9.6
	Bournemouth	ob	b	57	68	20	–	7.0	7.4
	Ventnor ...	oro	ocb	57	65	10	Tr	5.9	8.2
	Southsea ...	ocb	b	60	69	19	–	5.5	7.1
	Bognor Regis	crdc	bbc	59	67	15	0.3	5.6	9.1
	Littlehampton	crc	cbc	59	67	9	Tr	5.1	9.1
	Worthing ...	crcbc	bcb	59	66	11	1	5.2	9.5
	Brighton ...	pcbcb	b	57	66	8	–	4.4	9.4
	Eastbourne†	croc	cbbc	60	66	3	–	4.9	9.4
	Hastings† ...	ocodc	cbc	59	66	3	0.1	4.3	9.5
	Folkestone ...	rodc	cbcb	58	69	4	Tr.	4.2	9.4
	Dover... ...	codc	cbc	59	67	3	Tr.	3.8	9.8
	Deal	rrdo	ocb	58	69	8	Tr.	3.4	10.1
	Ramsgate ...	orbc	bcb	58	69	3	0.4	3.7	10.3
	Margate ...	cdbc	bc	54	71	5	0.3	3.6	10.1
2	Southend ...	c	cbcb	58	72	9	–	4.5	8.3
	Maldon ...	rocb	b	56	73	19	–	4.5	7.9
	Clacton-on-Sea	orrc	cbc	54	68	11	–	×	10.2
	Dovercourt ...	rbc	bcbv	57	71	15	–	4.3	10.0
	Lowestoft ...	orqr	bcb	58	71	7	4	3.6	10.3
	Skegness ...	orbc	bcb	55	71	11	–	6.5	9.1
	Mablethorpe	c	bc	55	71	10	–	6.2	6.3
	Cleethorpes..	oc	b	54	71	8	–	7.0	9.2
3	Leamington S.	cbc	bc	56	69	7	–	7.3	6.2
4	Cheltenham†	cbcb	bcb	55	67	6	–	7.4	6.2
5	Bath	b	bbcc	57	71	17	–	6.3	6.3
	Weymouth ...	cb	b	55	67	20	–	8.1	6.8
	Jersey ...	rcbc	dcbc	58	68	14	0.5	7.0	2.3
	Torquay ...	rb	bbcq	57	67	14	–	8.5	4.7
	Penzance ...	b	bbcpb	55	67	11	Tr	8.8	0.7
	St. Ives ...	b	b	49	66	11	–	9.0	0.8
	Bude	rbc	bc	55	65	7	–	9.8	3.7
	Ilfracombe ...	bcpc	bcb	56	66	10	1	9.2	5.0
6	Aberystwyth	prbc	bcc	54	63	1	–	8.5	5.2
7	Llandudno ...	b	bcpb	55	67	1	Tr	10.2	5.2
	Colwyn Bay...	b	bbc	55	65	0.3	–	10.7	6.1
	Rhyl	bbc	bcb	55	66	1	–	10.2	3.7
8	Wallasey ...	bbc	b	53	66	2	–	7.3	5.9
	Southport‖ ..	b	b	54	68	1	–	9.8	5.7
	Blackpool ...	bc	cbc	54	66	5	–	9.3	4.5
	Morecambe ...	bbc	bbc	52	66	9	–	9.7	5.2
9	Ilkley... ...	bbc	bcpbc	51	67	2	0.4	5.5	7.1
10	Berwick-on-T.	bc	bc	50	65	2	–	9.4	7.0
11	Dunbar ...	bcp	bcp	52	65	1	1	9.4	7.1
12	Troon... ...	cbc	bcpcb	52	63	7	1	5.4	6.5
	Douglas ...	b	bcw	54	61	3	–	10.5	5.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 4th September, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th Sept. 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate south to south east or variable wind; fair; perhaps a thundery tendency later; local morning mist or fog; rather warm.
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	Moderate southwest or south wind; bright intervals and showers, perhaps local thunder; temperature about or rather above average.
13. A. W Scotld. B. N W Scotland 14. Mid-Scotland 15. N E Scotland 16. Orkneys and Shetlands.	Fresh south wind, moderating slowly; bright intervals and showers; perhaps local thunder; somewhat warmer.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 4 - 13A

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ Temperature is given in degrees F.
Weather Symbols :— ◯ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 3/10 to 5/10 clouded. ◕ Sky 5/10 to 7/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⅋ Thunderstorm. ∞ Slight haze.
Sea Disturbance. ~~ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is becoming high over a considerable area on the Continent. A depression near Iceland is moving slowly north and filling up. There are indications of shallow secondaries forming over South France and the Bay of Biscay. There will be showers and bright intervals in the West and North. Weather will be mainly fair in the Southeast, but there may be a thundery tendency later.

FURTHER OUTLOOK.

Rather warm in the Southeast with considerable fair periods but perhaps a thundery tendency. Little change in the Northwest.

Forecasts issued at 0915 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. Ps 250/2781 W.S.2015.0.5201 Gp.906 22200.9/34.

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

Morning of
TUESDAY,
4th SEPTEMBER,
1934.

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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 300

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

Tuesday 4th September 1934.

No. 36,584.

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

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1016·7	+10	SSE	3	3o	57	95	6	5	–	–	2-3	2-3	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1018·5	+10	WSW	2	b	55	95	7	–	–	–	0	0	–
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1018·5	+10	SW'S	2	b	58	85	7	–	–	–	0	0	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1015·2	+8	SW	5	bc	61	95	7	4	–	–	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013·3	+2	SSW	5	bc	59	95	8	8	–	–	2-3	2-3	2500
	Scilly (St. Mary's)	163	1011·4	-6	SW'S	5	bcl	59	95	7	3	5	5	2-3	4-6	2500
	Guernsey	175	1016·8	+2	–	0	b	59	95	7	–	–	–	0	0	–
6	Pembroke	142	1008·8	0	SW'S	4	bcq	60	85	8	5	–	–	4-6	4-6	4000
7	Holyhead	26	1008·0	0	SSW	4	bc	59	85	7	1	1	–	1	4-6	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	138	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1013·4	+10	SSW	4	bc	57	85	8	–	1	–	0	2-3	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1010·1	+10	SW	4	bc	54	85	7	2	–	–	4-6	4-6	2500
11	Inchkeith	190	1006·5	+18	SW	3	bc	56	85	8	5	7	–	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	335·4	+20	S	6	c/pr	56	75	7	8	–	–	7-8	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001·0	+24	SSW	6	bc	55	85	8	7	6	8	2-3	4-6	2500
16	Lerwick	54	1000·1	+24	SW	7	bc	55	85	7	4	–	–	2-3	2-3	2500
17	Blacksod Point	18	1000·8	+14	SW	3	bc	57	85	7	3	–	–	4-6	4-6	2500
18	Malin Head	52	1000·7	+16	S	5	bc	54	95	7	5	–	–	2-3	2-3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1004·1	+6	SW	3	c	55	95	8	8	–	–	7-8	7-8	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	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)
1	London (Kew)	1017·8	+6	S'E	1	c	58	95	6	–	7	4	0	7-8	–	1	*
	Croydon	1017·5	+4	SSE	3	c	59	95	7	5	–	6	1	7-8	2500	1	*
	S. Farnborough	1017·3	+6	S'E	3	bc	58	95	6	5	–	2	1	4-6	800	1	*
	Boscombe Down	1015·7	+4	S'E	4	bc3o	57	95	6	8	–	–	4-6	4-6	1500	1	*
	Calshot (S'thmtn)	1016·9	+6	S'E	4	c	62	85	7	5	4	5	4-6	7-8	1500	0	2
	Lympne	1019·2	+4	SSE	2	F.	59	95	1	5	–	–	10	10	<150	1	§2
	Manston	1018·5	+6	S	2	bc	58	85	7	5	5	2	1	4-6	800	0	*
2	Shoeburyness	1017·0	+8	S'W	3	bc	61	95	8	–	8	5	0	2-3	–	0	*
	Felixstowe	1018·0	+10	SSW	2	bc	61	85	7	–	–	6	0	2-3	–	0	2
	Gorleston	1018·5	+8	SSW	2	bc	54	95	6	–	7	–	6	4-6	–	0	2
	Cranwell	1015·7	+6	SSE	4	bc3o	54	95	6	5	3	1	1	4-6	2500	1	*
3	Birmingham	1014·5	+6	S	3	bc	55	95	7	5	–	9	2-3	4-6	800	1	*
	Upper Heyford	1016·0	+2	S'W	2	bc3o	56	95	6	5	–	1	2-3	4-6	1500	1	*
4	Ross-on-Wye	1013·9	0	S'W	3	bc	58	85	7	9	–	1	4-6	4-6	4000	1	*
5	Portland Bill	1016·1	+6	SW	5	bc	61	85	7	4	–	–	4-6	4-6	2500	1	4
	Plymouth	1014·0	+2	S'W	5	c	60	95	7	5	5	–	4-6	7-8	1500	1	3
	The Lizard	1013·0	0	S'W	5	pr	59	95	7	8	2	–	7-8	9+	1500	1	3
	Scilly (St. Mary's)	1012·9	+12	SW	4	bc	58	95	87	3	7	3	2-3	4-6	2500	1	3
	Guernsey	1017·1	+2	SW	3	bc	60	95	7	5	1	–	2-3	4-6	2500	1	2
6	Pembroke	1010·3	+6	WSW	4	c	58	85	7	8	6	–	4-6	7-8	4000	1	3
7	Holyhead	1009·0	+22	SW	5	cq	57	75	8	5	–	–	7-8	7-8	1500	1	3
	Chester (Sealand)	1011·9	+2	SSE	4	c/pr.	56	95	6	9	–	–	7-8	7-8	2500	1	*
8	L'pool (Bidston)	1011·3	+2	SSE	5	bc	55	85	8	9	–	–	2-3	2-3	4000	1	*
	Manchester	1012·4	+2	SW	4	c.	56	95	6	5	–	–	7-8	7-8	1500	1	*
9	Harrogate	1012·1	0	S	3	c	55	85	6	5	–	–	7-8	7-8	4000	1	*
10	Spurn Head	1015·0	+8	SW	4	bc	56	95	7	–	7	1	0	2-3	–	0	3
	Catterick	1011·4	0	S	3	m	52	95	4	5	4	–	2-3	4-6	4000	0	*
	Tynemouth	1011·1	+4	S	3	bc	55	85	6	2	–	–	2-3	2-3	2500	1	1
11	Inchkeith	1007·0	+2	SE	3	bc	55	85	8	8	4	–	4-6	4-6	2500	1	2
	Leuchars	1007·7	+2	SSE	4	c	56	85	7	7	–	–	7-8	7-8	2500	1	*
12	Renfrew (Abbotsinch)	1004·9	-4	ESE	2	pr	53	95	5	8	–	–	9	9	1500	1	*
	Eskdalemuir	1007·6	-4	S'E	3	pr	52	95	7	8	–	–	9+	9+	800	1	–
13A	Tiree	1001·9	+12	S	4	c	56	85	7	5	3	–	2-3	7-8	2500	1	3
13B	Stornoway	999·3	+20	S	6	bc/pr	55	85	7	9	–	3	4-6	4-6	1500	1	4
15	Dalwhinnie	1005·3	+6	S	3	c	53	85	8	4	1	–	4-6	9	2500	1	–
	Aberdeen	1008·0	+14	S	4	bc	56	85	8	5	4	–	1	4-6	450	1	2
	Wick	1003·5	+20	S	5	bc	56	85	8	8	6	–	2-3	4-6	2500	0	3
16	Lerwick	1004·7	+20	S	6	bc3o	54	85	6	5	7	8	2-3	4-6	1500	0	–
17	Blacksod Point	1002·9	+12	S	3	bc	55	85	8	4	8	–	2-3	4-6	2500	0	2
18	Malin Head	1002·7	+8	S	4	bc	52	95	7	4	4	3	1	2-3	1500	0	1
	Aldergrove	1005·8	+14	S'W	3	c	53	95	8	5	–	–	9	9	800	1	*
	Donaghadee	1005·6	+12	SSW	1	bc	52	95	8	5	3	–	4-6	4-6	1500	1	0
19	Birr Castle	1006·2	+10	SW	1	c	52	85	8	5	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy.†	1006·5	+14	SSW	3	bc/pr	52	95	8	8	–	–	4-6	4-6	1500	1	3
	Roches Point	1008·0	+6	SW	4	bc	56	95	8	3	–	–	4-6	4-6	2500	1	4

PAST 24 HOURS.

District	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 3 a.d. Hrs. (36)
1	London (Kew)	70	55	50	–	–	7·0
	Croydon	70	56	51	–	Tr	6·2
	S. Farnborough	72	54	45	–	0·1	2·3
	Boscombe Down	68	54	52	Tr	0·2	8·4
	Calshot (S'thmtn)	67	61	57	Tr	–	7·7
	Lympne	68	52	41	0·3	Tr	4·9
	Manston	70	51	46	1	0·1	4·0
2	Shoeburyness	72	55	50	0·2	–	5·8
	Felixstowe	69	56	52	0·2	–	4·7
	Gorleston	72	53	51	0·1	Tr	4·5
	Cranwell	70	51	49	–	–	7·9
3	Birmingham	67	52	49	–	0·3	7·8
	Upper Heyford	70	52	47	–	–	*
4	Ross-on-Wye	68	55	49	Tr	1	8·7
5	Portland Bill	63	60	*	–	–	*
	Plymouth	64	58	56	–	Tr	9·4
	The Lizard	65	58	*	Tr	0·1	*
	Scilly (St. Mary's)	65	57	*	–	3	11·5
	Guernsey	67	58	55	1	–	8·3
6	Pembroke	63	57	*	–	Tr	8·6
7	Holyhead	63	56	53	–	1	10·0
	Chester (Sealand)	69	51	43	–	Tr	11·0
8	L'pool (Bidston)	65	53	51	–	Tr	8·2
	Manchester	69	52	42	2	Tr	7·5
9	Harrogate	68	53	46	–	Tr	8·2
10	Spurn Head	71	53	*	–	–	7·6
	Catterick	67	48	39	–	–	10·2
	Tynemouth	67	53	47	–	–	*
11	Inchkeith	63	54	50	0·1	Tr	10·8
	Leuchars	65	52	47	–	–	8·8
12	Renfrew (Abbotsinch)	64	53	49	7	7	7·9
	Eskdalemuir	60	48	46	0·4	6	4·7
13A	Tiree	59	54	50	0·4	2	3·4
13B	Stornoway	59	54	*	2	1	1·1
15	Dalwhinnie	56	46	44	2	4	0·6
	Aberdeen	63	54	50	2	–	7·5
	Wick	62	52	*	0·2	–	*
16	Lerwick	56	53	*	5	–	6·8
17	Blacksod Point	60	54	*	0·2	0·4	*
18	Malin Head	62	51	*	0·3	–	4·1
	Aldergrove	63	51	48	Tr	1	7·4
	Donaghadee	65	51	*	0·1	7	*
19	Birr Castle	63	49	41	2	Tr	9·6
20	Valentia Obsy.†	63	51	49	in	10	8·0
	Roches Point	61	54	*	…	6	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. min.	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	cbc	bcyb	bbcwc3	70	55	50	–	–	7·0	*	*	7
Croydon	217	cbcc	bcb	bbcw	70	56	51	–	Tr	6·2			7
Greenwich (Royal Observatory)	149	c	cby	bqc	74	52	48	–	Tr	6·1	47	76	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	5·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	71	56	51	–		6·7	61	83	*
†Regents Pk. (Botanic Gardens)	189	*	*	*	72	56	53	–	–	6·8	53	83	*
Camden Square	110			*	73	56	48	–	–		*	77	*
Kensington	80	c	bcc	*	72	56	49	–	–	6·6	At 18h. 58	75	*
Hampstead Observatory	450	bc	bc	bc	71	54	49	–	–	6·3	*	91	*
		c	bc										

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
<0·3	23h 30m to 7h 45m	N.1	17h-22h 30m.

Kew Observatory. Max.	Time.	Min.	Time.
0·1	7h 30m	<0·1	Rest of period.

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.
Paris	1015·7	W	3	id.	73	1013·9	–	0	c/F	63
Brussels	1015·6	S	4	c.	64	1019·5	W'S	1	c	63
Berlin	1019·9	NNE	3	bc	64	1022·7	–	0	cf	61
Zürich	1020·4	E	1	bc	61	1023·1	ESE	1	0	54
Rome	1013·3	NW	7	b						

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
78	61	Tr	–
70	57	–	0·3
72	55	–	–
73	50	–	–
*	*	–	

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.

†The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h § Sea disturbance reported from Dungeness

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 5th September 1934.

No. 26585

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

Dist.	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)	Med. (10)	High (11)	Amount. Low 0-10 (12)	Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1018.4	0	SW'S	4	c	68	65	8	1	1	8	4-6	9+	2500
	Croydon	1018.4	+2	S'W	4	c	66	65	8	7	3	8	4-6	9+	2500
	S. Farnborough	1017.9	-2	SSW	4	c	67	65	7	7	1	8	4-6	9+	2500
	Boscombe Down	1016.9	+2	SSW	5	c	64	75	7	5	1	-	7-8	10	1500
	Calshot, S'thmtn	1018.4	+2	SSW	5	c	65	75	8	5	2	-	4-6	10	2500
	Lympne	1020.0	+6	S'W	2	3_o	63	85	6	5	2	-	7-8	9+	800
	Manston	1019.0	0	S	4	c	65	85	7	7	6	-	7-8	7-8	4000
2	Shoeburyness	1018.6	-2	SSW	3	c	68	85	8	5	7	-	7-8	9+	2500
	Felixstowe	1018.8	+4	SSE	4	bc	68	75	8	2	3	6	1	4-6	2500
	Gorleston	1018.3	-4	SSE	5	bc	67	75	6	2	3	-	2-3	4-6	2500
	Cranwell	1016.1	-2	SSW	4	c	68	55	7	1	-	7	4-6	9+	4000
3	Birmingham	1014.9	+4	SSW	4	rr	63	75	6	6	2	-	4-6	9	1500
	Upper Heyford	1016.5	0	S'W	5	c	67	65	8	8	1	7	4-6	10	2500
4	Ross-on-Wye	1015.2	+8	S	3	c	61	85	8	8	7	-	7-8	9	4000
5	Portland Bill	1017.3	+6	WSW	5	c	63	85	7	5	-	-	9	9	2500
	Plymouth	1016.6	+14	SSW	4	c	63	95	7	8	3	-	7-8	7-8	800
	The Lizard	1016.9	+26	WSW	5	bc	62	75	8	8	6	-	4-6	4-6	2500
	Scilly (St. Mary's)	1017.1	+14	W	4	bc	62	75	7	2	-	-	2-3	2-3	4000
	Guernsey	1018.8	+6	SSW	2	c	66	85	7	5	1	-	4-6	7-8	4000
6	Pembroke	1012.8	+4	~~SW'S~~ SW	4	pr	60	85	7	5	5	-	4-6	~~4-6~~ 7-8	4000
7	Holyhead	1011.6	+8	SSW	5	b	63	75	8	1	-	1	1		1500
	Chester (Sealand)	1013.1	+2	SSE	3	c	67	65	8	2	-	4	4-6	7-8	4000
8	L'pool (Bidston)	1012.6	0	WSW	4	bc	66	55	9	1	-	-	2-3	2-3	2500
	Manchester	1013.7	+6	SSW	4	c	64	75	8	8	4	4	4-6	7-8	2500
9	Harrogate	1013.7	+6	SSW	3	c|pr	59	85	7	6	7	1	7-8	7-8	2500
10	Spurn Head	1015.6	+2	SW	5	c	67	65	7	5	7	-	4-6	7-8	2500
	Catterick	1012.7	+6	S'W	3	c	64	65	7	8	7	-	4-6	7-8	2500
	Tynemouth	1011.8	+12	SW	4	bc	68	55	6	2	-	-	4-6	4-6	2500
11	Inchkeith	1009.7	+8	SW	4	c	63	85	8	8	6	-	4-6	7-8	4000
12	Leuchars	1009.7	+18	SW	3	bc	64	65	8	8	-	-	4-6	4-6	2500
	Renfrew (Abbotsl.)	1009.4	+18	WSW	4	c	61	65	8	2	-	1	7-8	9	2500
	Eskdalemuir	1011.1	+20	SSW	6	bcjp	59	75	8	2	-	-	4-6	4-6	2500
13A	Tiree	1006.2	+20	S'W	5	bc	60	75	8	8	6	-	4-6	4-6	2500
13B	Stornoway	1003.7	+18	SSW	6	c	59	75	7	8	7	3	2-3	7-8	1500
15	Dalwhinnie	1008.6	+20	S	3	c	55	75	8	4	1	-	4-6	9	2500
	Aberdeen	1008.8	+6	S'E	4	bc	62	65	8	8	-	-	2-3	2-3	2500
	Wick	1006.6	+8	S	3	r_o	56	95	7	9	1	-	4-6	9+	1500
16	Lerwick	1007.3	+6	S'E	6	3_o	56	85	6	5	3	1	2-3	4-6	1500
17	Blacksod Point	1006.9	+14	S	3	c	59	85	7	4	-	-	9+	9+	1500
18	Malin Head	1006.2	+18	SSW	3	c	61	75	8	8	-	3	4-6	7-8	1500
	Aldergrove	1009.1	+14	S'W	3	c	58	75	8	8	-	3	9+	10	1500
	Donaghadee	1009.3	+10	SW	3	bc	60	75	8	5	-	-	4-6	4-6	1500
19	Birr Castle	1009.4	+20	SW	2	c	61	65	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy.	1011.9	+22	SWW	5	pr_o	58	85	8	9	-	-	7-8	7-8	1500
	Roches Point	1012.3	+30	SW	4	bc	59	85	8	3	-	-	4-6	4-6	2500

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

Dist.	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)
1	London (Kew)	1019.1	+6	SW	3	c|pr	66	75	8	8	3	-	7-8	7-8	2500	1	*
	Croydon	1019.2	+8	SSW	3	bc	63	75	8	7	3	2	2-3	4-6	2500	1	*
	S. Farnborough	1018.8	+8	SSW	3	bc	63	85	7	8	6	9	2-3	2-3	4000	0	*
	Boscombe Down	1017.8	+8	SSW	4	cjp	61	85	8	9	-	-	7-8	7-8	1500	1	*
	Calshot, S'thmtn	1019.1	+4	SW'W	3	bc	63	85	7	2	7	1	2-3	2-3	2500	0	2
	Lympne	1020.9	+8	SW'S	3	bc	61	85	7	5	-	-	4-6	4-6	1500	1	§2
	Manston	1020.0	+8	S	4	c	63	85	7	5	3	-	1	7-8	5700	0	*
2	Shoeburyness	1019.6	+8	SSW	1	bc	64	85	8	1	4	6	Tr	4-6	4000	0	*
	Felixstowe	1019.1	+6	SSW	4	bc	65	75	8	1	3	2	1	4-6	4000	0	2
	Gorleston	1018.2	+4	S	3	bc	65	85	6	-	7	-	0	4-6	-	0	2
	Cranwell	1016.6	+6	S'E	3	c|pr	61	85	8	5	2	-	4-6	7-8	2500	1	*
3	Birmingham	1016.3	+6	SSW	2	bc	62	75	8	8	3	-	2-3	2-3	1500	1	*
	Upper Heyford	1018.1	+14	SW	3	PR	59	85	6	9	4	-	4-6	7-8	1500	1	*
4	Ross-on-Wye	1017.4	+20	WSW	3	b	60	65	8	1	-	-	1	1	4000	1	*
5	Portland Bill	1018.7	+20	WSW	5	bc	61	85	7	5	-	-	2-3	2-3	2500	1	4
	Plymouth	1019.5	+18	WNW	4	bc	62	75	8	1	-	-	4-6	4-6	2500	1	2
	The Lizard	1020.4	+20	WSW	3	bc	60	85	8	2	-	-	2-3	2-3	2500	0	2
	Scilly (St. Mary's)	1020.3	+16	W'S	3	bc	60	85	8	2	-	-	2-3	2-3	4000	1	3
	Guernsey	1020.6	+16	W	3	bc	62	85	7	-	1	-	0	2-3	-	1	2
6	Pembroke	1016.6	+12	W'S	4	bc	59	75	7	5	-	-	4-6	4-6	4000	§1	3
7	Holyhead	1014.2	+22	SW	5	b	60	85	7	1	6	1	Tr	Tr	2500	1	3
	Chester (Sealand)	1015.5	+20	SW	4	bc	62	65	8	2	-	-	2-3	2-3	2500	1	*
8	L'pool (Bidston)	1015.3	+10	WSW	5	bc	62	55	8	7	-	-	2-3	2-3	4000	0	*
	Manchester	1014.8	+14	W	4	bc	65	65	8	8	6	-	2-3	2-3	4000	1	*
9	Harrogate	1016.3	+6	SW	1	c|pr	60	75	7	3	-	-	7-8	7-8	2500	1	*
10	Spurn Head	1016.1	+4	SW	3	c	63	75	8	5	7	-	4-6	7-8	2500	0	2
	Catterick	1013.7	+8	SSW	2	c	62	85	7	8	8	-	7-8	7-8	4000	1	*
	Tynemouth	1013.2	+8	S	2	bc	61	75	6	9	-	-	4-6	4-6	1500	1	1
11	Inchkeith	1011.4	+12	SW	4	c	60	85	8	8	4	-	4-6	7-8	4000	0	3
12	Leuchars	1011.5	+12	S	3	bcjp	59	75	7	8	6	-	2-3	2-3	2500	1	*
	Renfrew (Abbotsl.)	1011.0	+10	W'N	2	cjp	57	85	8	8	-	3	9+	9+	1500	1	*
	Eskdalemuir	1011.9	0	S'W	2	c	56	85	8	8	-	-	7-8	7-8	2500	1	*
13A	Tiree	1009.2	+22	SW	4	ir	55	85	8	8	7	-	7-8	9+	1500	1	3
13B	Stornoway	1007.8	+24	SSW	3	c|pr	55	85	7	8	6	-	7-8	9+	1500	1	1
15	Dalwhinnie	1010.9	+10	S	3	c	51	85	7	4	1	-	4-6	9	1500	1	*
	Aberdeen	1011.8	+18	S	2	bc	59	75	7	7	5	-	2-3	2-3	2500	1	2
	Wick	1009.1	+20	SSW	3	bc	58	85	8	8	4	-	2-3	4-6	2500	0	3
16	Lerwick	1008.3	+10	S'W	4	bc	55	95	7	5	7	-	2-3	4-6	1500	0	*
17	Blacksod Point	1012.3	+30	NNW	3	bc	58	85	8	-	8	-	0	4-6	-	0	3
18	Malin Head	1009.4	+22	WSW	3	c|pr	58	85	7	8	-	-	9	9	1500	0	1
	Aldergrove	1011.2	+22	SSW	3	cjp	57	85	9	8	-	3	4-6	7-8	1500	1	*
	Donaghadee	1011.2	+8	-	0	bc	55	95	8	5	3	-	4-6	4-6	1500	1	0
19	Birr Castle	1012.4	+20	SW	3	pr	58	85	8	9	8	-	7-8	9+	2500	1	*
20	Valentia Obsy.	1016.6	+26	WSW	4	c	58	85	8	8	-	-	7-8	7-8	1500	1	3
	Roches Point	1015.6	+20	W	3	bc	59	95	8	3	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS. — WEATHER.

Dist.	Stations.	7h.–18h. (37)	13h.–18h. (38)	18h.–1h. (39)	1h.–7h. (40)
1	London (Kew)	c	c pr	cb	bwbc$_o$
	Croydon	bcwbc	cbc	bbcwbw	bw bcw
	S. Farnborough	bcc	cbc	bcbbcbw	bwm$_o$
	Boscombe Down	bcwm$_o$c	cic$_o$cpbc	bc b	bccbm$_o$w
	Calshot, S'thmtn	c	cpr$_o$bc	bc bw	bw bc bw
	Lympne	femcoc$_o$	cm$_o$cbc	bb wbc	bwffe bc$_o$ bc bm$_o$
	Manston	bcc	cbc		
2	Shoeburyness	bcc	cbc	bcb	bw bm$_o$
	Felixstowe	bwbc	bcc	bcbw	bw bc
	Gorleston	bcq	bccq	bcb	b bcw
	Cranwell	bcjbc	cyc$_o$	bcbw	bm$_o$w bc
3	Birmingham	bcc	cr$_o$bc	b	b
	Upper Heyford	bcc	cbc	bcb	b bcm$_o$
4	Ross-on-Wye	bcc r$_o$c	cpbcyb	b	bw
5	Portland Bill	c	cbc	bbcc	bc
	Plymouth	cprbc	bc	bc b	bw ff
	The Lizard	pr$_o$bc	bc	bcw	bcw
	Scilly (St. Mary's)	bcp$_o$	bc	bcb	bbcw b
	Guernsey	bcc	cbcc	bcbw	b bcw
6	Pembroke	bccpr	bc	bcq	bc
7	Holyhead	cqb	bcb	bc	bc b
	Chester (Sealand)	bcv	bcPRq	b bcp$_o$6	bc
8	L'pool (Bidston)	bbcby	by	b	bc cpr
	Manchester	c$_o$pr	bcy	bwm$_o$	bcwm$_o$pr
9	Harrogate	bccp	cbcp	cbp$_o$	cbp
10	Spurn Head	cbc	bc	bc	bc
	Catterick	bcy	cypr	cpr$_o$bc	bcm$_o$cm$_o$p
	Tynemouth	bc	cp$_o$tl	bcb	b bc
11	Inchkeith	cpr	bcc	cprbc	b bcw
12	Leuchars	cprbc	cpryb	ct PR b	bw m$_o$
	Renfrew (Abbotsl.)	cPRqc	pr$_o$PRc	cpr$_o$bc	bcpr$_o$bw
	Eskdalemuir	PRq	bc	bcpr	bc FF
13A	Tiree	cbc	bcc	iR ir	bcw
13B	Stornoway	bcc	cpr	cprbc	bcpr
15	Dalwhinnie	ir	ir		ir
	Aberdeen	bc	bcb	bc bw	b bcw
	Wick	bcr$_o$	cr$_o$bc	bc	bc c
16	Lerwick	bcq$_o$	bc	bcc	c|pr$_o$
17	Blacksod Point	pr$_o$c	bc	bc	bc
18	Malin Head	bc	c	cbc	bc
	Aldergrove	bcc	cRir	cRprbc	bcpr
	Donaghadee	bcc	cRbc	bcbw	bc FF
19	Birr Castle	cpr$_o$	cpr	cpr	cpr c
20	Valentia Obsy.	bccp$_o$	cpr$_o$c	cbcbw	pr bc
	Roches Point	bcpbc	cPbc	bcbw	boffe

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^s, thick fog, ,, less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s_o, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s_o/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ⌿ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.

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

§ Sea disturbance reported from Dungeness.

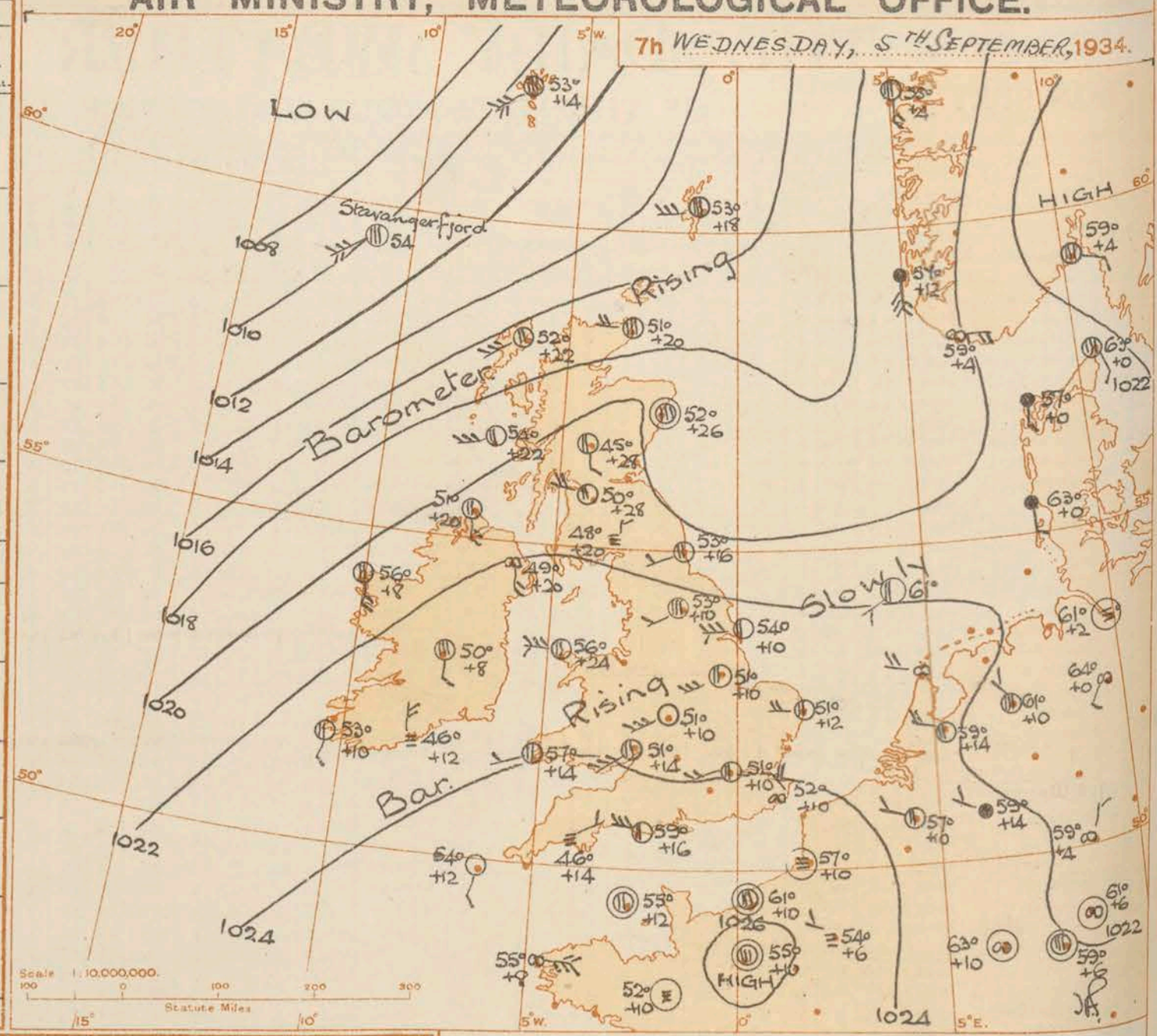
REPORTS from HEALTH RESORTS for 4th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	coc	ocbc	52	67	—	—	2.7	5.2
	Bournemouth	co	oc	58	65	—	—	1.3	8.2
	Ventnor ...	ocu	bcoc	60	65	Tr	—	1.4	6.8
	Southsea ...	c	cbcp	59	67	—	Tr	1.7	6.5
	Bognor Regis	bcc	cobc	60	66	—	—	3.2	6.3
	Littlehampton	bcc	cbcc	61	66	—	—	2.8	6.1
	Worthing ...	c	cbc	61	66	—	—	4.1	6.1
	Brighton ...	cbcb	b	61	67	Tr	—	3.5	5.1
	Eastbourne†	cbcc	cbc	59	67	—	—	2.5	5.3
	Hastings† ...	ocbc	bccbc	57	67	Tr	—	1.1	4.9
	Folkestone ...	oc	cbcc	54	67	—	—	0.6	5.0
	Dover... ...	co	oc	52	66	—	—	0.7	4.5
	Deal	c	co	53	66	—	—	2.9	4.6
	Ramsgate ...	bc	bccbc	56	67	—	—	5.0	4.3
	Margate ...	bc	bcc	54	68	—	—	5.8	4.7
2	Southend ...	bcc	cbc	56	71	Tr	—	4.8	5.4
	Maldon ...	bc	cb	50	71	—	—	4.0	5.2
	Clacton-on-Sea	bc	bcc	58	67	0.1	—	6.1	x
	Dovercourt ...	bcv	bc	54	69	—	—	6.5	4.9
	Lowestoft ...	b	bcjc	53	67	—	—	7.2	4.3
	Skegness ...	bbc	bc	55	66	—	—	5.5	7.4
	Mablethorpe	bcc	cv	51	69	Tr	—	4.7	7.3
	Cleethorpes ...	b	bco	53	69	—	—	6.4	8.1
3	Leamington S.	c	cpc	55	68	1	Tr	2.6	8.0
4	Cheltenham†	bbcc	orcir	55	62	Tr	6	3.6	7.5
5	Bath	c	cp,bc	56	68	—	Tr	3.0	7.5
	Weymouth ...	cbc	cb	60	66	—	—	4.2	9.1
	Jersey ...	cbc	cbcp	60	68	—	Tr	2.1	8.3
	Torquay ...	oirq	cb	59	67	—	9	4.3	8.8
	Penzance ...	b	b	57	66	13	—	8.9	10.0
	St. Ives ...	b	b	58	64	2	—	9.1	10.1
	Bude	rocbc	bc	59	65	7	—	7.6	10.6
	Ilfracombe ...	cdcbc	bbc	57	66	9	0.1	7.1	10.0
6	Aberystwyth	prbc	cbc	55	64	2	—	7.6	9.6
7	Llandudno ...	b	bbc	56	68	—	—	9.1	11.5
	Colwyn Bay...	bcb	bcb	56	67	—	—	9.8	12.0
	Rhyl	bbc	bcb	55	68	—	—	10.1	11.3
8	Wallasey ...	ebcb	bpb	55	70	—	Tr	8.5	8.4
	Southport‖ ...	bcb	bbcb	54	69	—	—	9.4	11.1
	Blackpool ...	cbc	bc	54	67	—	—	10.1	10.3
	Morecambe ...	b	b	53	66	—	—	10.2	10.8
9	Ilkley... ...	becpc	cbcpb	49	66	—	1	2.8	6.1
10	Berwick-on-T.	bc	bc	51	66	0.4	—	9.6	10.3
11	Dunbar ...	bcp	bc	53	66	Tr	—	9.6	9.7
12	Troon... ...	cbc	bcc	54	60	4	—	6.6	6.2
	Douglas ...	cb	bcd	56	62	—	Tr	8.7	10.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h WEDNESDAY, 5TH SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th September, 1934.
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	Lighg westerly to variable or southerly wind; fine; early morning fog at a few places; rather warm during day, cool at night with slight ground frost locally.
11 S.E. Scotland 12 S.W Scotland & Isle of Man	Light or moderate west to southwest or south wind; fair or fine; somewhat warmer during day; ground frost locally at night.
13. A. W Scotld. B. N.W. Scotland	Moderate southwest to south wind, freshening later; mainly fair; local showers at first; average temperature.
14. Mid-Scotland 15. N.E. Scotland	As 11 - 12.
16 Orkneys and Shetlands.	As 13.
17. N.W. Ireland	Moderate to fresh south wind; mainly fair; perhaps rain tomorrow; average temperature.
18. N.E. Ireland 19. S.E. Ireland	Light or moderate southwest to south wind; fair; somewhat warmer.
20. S.W. Ireland	As 17.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. co Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone over the English Channel is moving northeast and still developing. A depression over Iceland is filling up but new disturbances are advancing from Mid-Atlantic and the Azores. Weather will be fine almost everywhere. Rain may occur in West Ireland tomorrow.

FURTHER OUTLOOK.

Fine except in the extreme West. Rather warm during the day.

Forecasts issued at 09.25 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. (P.250/2781) Wt.9046/D.5501 Gp.906 2220/3/34.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 5th September 1934.

No. 26585

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

DISTRICT	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	10224	+14	SW'W	2	b	54	85	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023.1	+10	WNW	2	bc	56	95	8	5	-	-	4-6	4-6	2500
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	10204	+8	WSW	2	b	59	85	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	10234	+18	WNW	3	bc	60	95	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	249	10236	+12	W'S	2	bc	55	95	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1024.1	+14	W	3	b	55	95	8	1	-	-	Tr.	Tr.	4000
	Guernsey ...	175	10242	+14	-	0	b	54	95	8	-	-	-	0	0	-
6	Pembroke ...	142	10208	+20	W	4	q	58	85	7	8	-	-	4-6	4-6	4000
7	Holyhead ...	26	10184	+18	W'S	4	bc	57	85	8	5	-	-	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	10203	+14	WNW	4	bc	55	85	8	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1017.1	+20	W	2	b	55	85	7	-	-	-	0	0	-
11	Inchkeith ...	190	10159	+24	WSW	2	b	53	95	8	-	-	-	0	0	-
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1013.1	+28	SW	2	bc	51	85	7	5	-	-	2-3	2-3	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012.9	+16	WSW	3	bc	52	85	8	8	1	-	4-6	4-6	1500
16	Lerwick ...	54	10122	+12	S	3	c	54	85	7	5	-	-	7-8	7-8	1500
17	Blacksod Point	18	1018.8	+22	W	2	bc	54	85	8	1	-	-	2-3	2-3	2500
18	Malin Head ...	52	1016.5	+30	W	3	bc	54	95	7	4	-	-	2-3	2-3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1021.0	+30	W	1	b	55	95	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1025.1	+16	SW'S	1	bc	53	95	6	-	-	2	0	2-3	-	0	*
1024.8	+10	WSW	2	bc	51	95	7	-	-	2	0	2-3	-	1	*
1025.1	+14	SW'W	1	b	48	95	6	-	-	1	0	Tr	-	1	*
1025.0	+14	SSW	1	bc	49	95	5	-	-	-	0	0	-	1	*
1025.1	+14	SW'W	1	b	51	95	8	-	4	-	0	1	-	0	1
1024.9	+10	NNW	2	bc	52	95	6	-	-	2	0	4-6	-	1	§ 1
1024.3	+10	W	3	bc	53	95	7	-	-	1	0	2-3	-	0	*
1024.3	+10	W'N	1	bc	55	95	5	-	-	6	0	4-6	-	0	*
1022.8	+14	WNW	2	bc	55	85	7	-	-	2	0	4-6	-	0	1
1023.0	+12	W	2	bc	51	95	6	-	4	-	0	4-6	-	0	2
1023.0	+10	SW'W	3	bc	51	95	6	5	-	5	1	4-6	4000	1	*
1023.2	+10	SW	3	b	51	95	6	-	-	1	0	Tr	-	1	*
1024.6	+12	SW	2	bc	48	95	6	7	7	1	1	2-3	1500	1	*
1023.6	+14	SW	3	b	51	95	7	2	-	-	Tr	Tr	4000	1	*
1025.0	+16	WNW	3	bc	59	95	7	4	-	-	2-3	2-3	2500	1	3
1025.2	+14	ENE	1	f-	46	95	3	-	-	-	10	10	<150	1	0
1025.2	+12	--	0	bc	54	95	8	7	-	-	2-3	2-3	4000	0	2
1025.4	+12	SSW	1	b	54	95	7	2	-	-	1	1	4000	1	1
1025.4	+12	-	0	bc	55	95	7	7	-	-	4-6	4-6	2500	1	2
1023.1	+14	WSW	1	bc	57	85	7	7	-	-	4-6	4-6	4000	1	2
1022.8	+24	WNW	4	b	56	85	8	5	-	-	1	1	5700	1	2
1022.7	+18	W	3	c	55	85	7	5	-	-	7-8	7-8	4000	1	*
1022.6	+16	W	4	c/pr	56	95	8	8	-	-	9+	9+	2500	1	*
1022.0	+14	SSW	1	c/pr	51	95	5	5	-	-	9+	9+	1500	1	*
1021.5	+10	SW	1	c	53	85	7	5	-	-	9	9	4000	1	*
1022.1	+10	W	4	bc	54	85	7	-	1	9	0	4-6	-	0	3
1021.5	+18	SE'S	2	c/pr	49	95	5	5	4	-	7-8	7-8	2500	0	*
1020.0	+16	WSW	2	bc	53	85	6	2	6	-	4-6	4-6	2500	1	1
1019.3	+18	SW	2	bc	52	95	6	4	4	-	2-3	4-6	1500	1	1
1019.8	+30	WSW	2	b	48	95	6	4	-	-	Tr	Tr	5700	1	*
1020.5	+28	WNW	2	bc	50	95	8	7	-	3	1	2-3	4000	1	*
1020.9	+20	NNE	1	bc	48	95	3	5	-	-	2-3	2-3	2500	1	*
1019.1	+22	WSW	3	bc	54	85	7	2	6	-	2-3	4-6	2500	1	2
1016.9	+22	SW	3	bc	52	85	8	8	6	-	2-3	4-6	2500	1	1
1020.8	+28	S	1	bc	45	95	8	4	1	-	2-3	4-6	2500	1	*
1019.2	+26	-	0	c	52	85	8	5	-	-	7-8	7-8	4000	1	2
1017.5	+20	W	2	c	51	95	8	8	7	8	4-6	7-8	2500	0	2
1014.2	+18	W	3	c	53	95	8	8	7	-	7-8	9	1500	0	*
1021.3	+8	S	2	bc	56	85	8	-	4	-	0	4-6	-	0	2
1019.9	+20	S	2	b	51	95	7	2	-	-	1	1	1500	0	1
1022.0	+20	SSW	2	c	49	95	6	5	-	-	9+	9+	450	1	*
1021.6	+20	SW	1	b	49	95	8	-	-	-	0	0	-	1	0
1022.3	+8	S	1	c	50	95	8	5	-	-	7-8	7-8	2500	1	*
1023.0	+10	S'W	1	bc	53	95	8	2	-	-	2-3	2-3	800	1	2
1023.5	+12	N	2	f	46	95	3	-	-	-	10	10	<150	1	3

PAST 24 HOURS.

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 Aug. Hrs. (36)
68	49	40	Tr	-	2.0
67	47	42	-	Tr	2.9
68	43	32	-	Tr	2.9
64	44	39	0.1	-	2.7
66	49	43	Tr	-	1.3
67	49	45	Tr	Tr	0.4
68	50	46	-	0.1	5.5
69	50	46	-	-	5.8
69	52	48	-	-	7.1
68	49	49	-	-	7.2
70	47	42	0.1	-	5.9
64	48	44	1	-	4.8
67	45	37	5	0.1	4.7
67	47	38	8	-	5.5
64	58	*	-	-	*
64	45	41	1	Tr	6.6
64	52	*	Tr	-	*
63	52	*	0.1	Tr	10.7
68	51	45	-	-	4.3
63	55	*	0.6	-	9.1
65	55	52	-	-	10.0
70	48	40	2	Tr	7.8
68	53	51	-	0.1	10.4
69	47	38	1	Tr	6.0
65	48	40	0.3	0.3	4.7
67	51	*	-	-	4.6
64	45	37	0.2	0.1	5.5
68	51	47	0.5	-	*
64	52	42	0.1	2	7.8
65	45	38	1	2	6.2
64	44	39	1	0.2	2.9
60	44	38	3	0.5	6.3
61	52	44	0.2	1	8.4
60	49	*	2	0.4	6.3
59	42	37	4	3	2.8
64	49	41	-	-	8.1
64	49	*	1	-	*
57	53	*	-	Tr	6.7
64	46	40	0.4	2	2.4
62	50	*	0.6	-	*
61	46	39	Tr	-	6.4
62	47	*	12	Tr	8.8
64	46	40	10	-	6.9
61	51	49	0.4	2	2.4
60	45	*	0.2	0.5	8.0
			5	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	c	cpr	cbwbc	68	49	40	Tr	-	3.1	*	*	7
Croydon	217	bc	bc	bcbbcw	67	47	42	-	Tr	2.9			7
Greenwich (Royal Observatory) ...	149	c	c	bcbw7o	71	49	41	-	Tr	4.8	63	73	6
City (Bunhill Row)	—	*	*	*	*	*	*			4.1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	68	50	46	-		4.2	63	77	*
‡Regents Pk. (Botanic Gardens) ...	189	*	*	*	71	51	49	-	-	4.6	71	77	*
Camden Square	110			*	69	51	45	-	-		At 18h.	77	*
Kensington	80	c	cbc								70		
Hampstead Observatory	450	bcc	bc	bcw	69	50	41	-	-	3.3	*	73	*
		c	bc	c	68	48	38	-	-	3.8		89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 5th.

South Kensington. Max.	Time.	Min.	Time.
<0.3	Whole period		

Kew Observatory. Max.	Time.	Min.	Time.
0.1	08h. 41h.	0.1	Rest of Period

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	10209	—	0	cm	66
Brussels					
Berlin	1022.0	ENE	2	c	66
Zürich					
Rome	1017.4	NW	4	b	70

7h. G.M.T. 5th September

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1024.5	WNW	1	bF	54
1023.2	W'N	1	b	57
1021.7	—	0	o7o	63
1023.6	ESE	1	bcmo	54
1018.5	NE'E	1	b	63

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
73	54	7	3
	52		0.3
77	61	-	Tr
	52		-
*	*	-	-

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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 6th September 1934.

No. 26 586

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

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

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	13h. Barom. at M.S.L. mb. (1)	13h. Change in 3 hours. (2)	13h. Wind. Direc. (3)	13h. Wind. Force 0-12 (4)	13h. Weather. (5)	13h. Temp. °F. (6)	13h. % Humid. (7)	13h. Visibility 0-9 (8)	13h. Cloud. Form. Low. (9)	13h. Cloud. Form. Med. (10)	13h. Cloud. Form. High (11)	13h. Cloud. Amount. Low 0-10 (12)	13h. Cloud. Amount. Total 0-10 (13)	13h. Cloud. Height of Base. (feet) (14)	18h. Barom. at M.S.L. mb. (15)	18h. Change in 3 hours. (16)	18h. Wind. Direc. (17)	18h. Wind. Force 0-12 (18)	18h. Weather. (19)	18h. Temp. °F. (20)	18h. % Humid. (21)	18h. Visibility 0-9 (22)	18h. Cloud. Form. Low. (23)	18h. Cloud. Form. Med. (24)	18h. Cloud. Form. High. (25)	18h. Cloud. Amount. Low. 0-10 (26)	18h. Cloud. Amount. Total 0-10 (27)	18h. Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	Past 24 hours. Weather. 7h.–18h. 5th (37)	18h.–1h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.–7h. 6th (40)
1	London (Kew)	1025.6	+2	W'N	2	bc	66	45	8	1	–	–	4-6	4-6	4000	1025.3	+2	–	0	bc	66	55	8	2	–	–	2-3	2-3	4000	0	*	bbcy	bcyby	bcb	Fbc§w
	Croydon	1025.1	+2	W	3	bc	68	45	8	1	–	–	2-3	2-3	4000	1025.1	+4	NW	1	b	65	65	8	1	–	–	1	1	4000	0	*	bbc	bcby	bc$_{3o}$ bm$_{o}$w	bbcm$_{o}$w
	S. Farnborough	1025.5	+2	WSW	4	bc	70	45	9	1	–	–	4-6	4-6	4000	1026.1	0	W	1	b	65	55	7	4	–	5	Tr	1	5700	0	*	bbc	bcyby	bbm$_{o}$w	bwbc i§
	Boscombe Down	1025.1	0	W	2	bc	66	55	7	2	–	–	4-6	4-6	2500	1025.1	+2	–	0	b	64	55	7	1	1	–	Tr	Tr	2500	0	*	bm$_{o}$bcy	bcby	byb	bc c m$_{o}$
	Calshot, S'thmtn	1025.8	+4	S	3	bc	65	65	7	1	–	–	4-6	4-6	4000	1025.6	+2	SW'S	3	bc	61	75	8	1	–	5	2-3	4-6	4000	0	1	bbc	bcbybc	bbcbw	bwm$_{o}$
	Lympne	1025.9	+4	W	2	bc	67	45	8	1	–	–	4-6	4-6	4000	1025.8	0	SW	2	b	62	75	8	1	–	–	1	1	2500	1	§2	bcm$_{o}$bcy	bcyb	bbw	bwc
	Manston	1025.4	+6	W	3	bc	67	65	7	1	–	–	2-3	2-3	4000	1025.3	+2	SE	2	b	62	85	7	1	–	–	Tr	Tr	5700	0	*	bbc	bcb	*	bwbm$_{o}$bc
2	Shoeburyness	1025.2	0	W'N	1	bc	69	65	7	1	–	–	4-6	4-6	2500	1025.1	+2	SSE	1	b	63	95	7	7	–	–	1	1	4000	0	*	bbc	bbcb	bw	cm$_{o}$
	Felixstowe	1024.9	+4	WNW	2	bc	67	55	8	1	–	–	4-6	4-6	4000	1024.9	+4	S'E	3	b	63	75	7	1	–	–	Tr	Tr	4000	0	1	bcbbcy	bcyb	bbw	bw§c
	Gorleston	1024.3	+2	–	0	bc	65	65	6	8	–	–	4-6	4-6	2500	1024.9	+4	SE'S	2	b	64	65	7	–	–	–	0	0	–	6	1	bc	bcb	bcbm$_{o}$	bcc
	Cranwell	1024.8	+6	WNW	2	c	64	65	7	8	–	–	7-8	7-8	2500	1025.5	+6	NW	2	3$_{o}$	60	65	6	7	7	6	4-6	9	4000	1	*	bcm$_{o}$y	bc$_{3o}$y	c 3$_{o}$b	bwFF
3	Birmingham	1024.8	+10	NW	2	bc	64	45	8	8	–	–	4-6	4-6	2500	1025.3	+2	NNE	2	bc	64	45	8	1	–	1	2-3	2-3	2500	1	*	bbc	bcb	bbc	bacm
	Upper Heyford	1025.3	+2	W'N	2	c	65	55	8	1	–	–	7-8	7-8	4000	1025.3	+2	–	0	bc	65	55	8	1	–	–	4-6	4-6	4000	0	*	bbc	bcy	bcbw	bbcm
4	Ross-on-Wye	1024.3	+8	bW'S	2	bc	66	55	8	2	–	–	4-6	4-6	4000	1024.9	+10	SW	2	bc	63	65	8	7	–	4	2-3	4-6	4000	0	*	bbcy	bcy	bcbm$_{o}$	bwcm$_{o}$
5	Portland Bill	1026.4	+4	WNW	3	bc	63	85	7	4	–	–	2-3	2-3	2500	1026.6	+6	WNW	3	bc	60	75	7	4	–	1	2-3	4-6	2500	0	3	bc	bc	bco	oc
	Plymouth	1026.1	0	S'W	3	bc	63	85	8	2	–	1	2-3	2-3	4000	1026.0	+6	S	2	c	61	75	8	7	–	1	4-6	7-8	5700	1	1	tbcb	bbc	bcbw	bwc
	The Lizard	1025.7	0	SE'S	2	bc	62	75	8	2	7	–	2-3	2-3	2500	1025.7	0	–	0	bc	60	85	8	7	1	–	2-3	4-6	4000	0	2	bc	bc	bc	bbc
	Scilly (St. Mary's)	1026.1	-4	S	2	bc	65	75	8	2	–	6	2-3	4-6	4000	1025.4	-2	ESE	2	bc	61	85	8	4	4	6	2-3	4-6	4000	0	1	bbc	bc	cbcb	bccp$_{o}$
	Guernsey	1026.4	0	–	0	c	61	85	8	8	–	–	7-8	7-8	2500	1026.0	-2	NE	2	bc	60	75	8	–	1	–	0	2-3	–	1	2	bccd$_{o}$	cbc	bcbw	bcwc
6	Pembroke	1024.7	+4	WSW	1	bc	61	75	7	7	–	–	4-6	4-6	4000	1025.8	-2	WSW	1	c	59	75	7	7	6	9	2-3	7-8	5700	0	1	bc	bcc	bcwc	bcm$_{o}$cw
7	Holyhead	1025.4	+10	W	2	bc	60	65	8	1	–	1	2-3	2-3	4000	1025.7	+2	–	0	bc	59	75	8	1	–	6	Tr	4-6	4000	0	0	bbc	bbc	bw	bwc
	Chester (Sealand)	1025.7	+12	NW	3	bc	64	55	8	1	–	–	2-3	2-3	4000	1026.4	+6	NW'N	2	bc	60	75	7	4	–	4	1	4-6	4000	0	*	bc	ybc	bcb§	FFcc
8	L'pool (Bidston)	1026.1	+14	NW'W	3	bc	59	65	8	7	–	–	2-3	2-3	4000	1026.4	0	NNW	3	bc	59	65	8	–	–	6	0	2-3	–	0	*	cb	b	bbcm$_{o}$	bccm$_{o}$
	Manchester	1025.3	+16	WNW	3	bc	64	55	8	1	–	–	4-6	4-6	4000	1026.1	+8	NW'N	3	b	58	55	8	–	–	1	0	Tr	–	0	*	cp$_{o}$oc	bcby	by§w	b§wcm
9	Harrogate	1023.6	+10	W	3	c	64	65	8	8	–	–	9	9	4000	1025.4	+6	SW'W	2	b	59	65	7	3	8	–	Tr	1	4000	0	*	bcc	cb	b	oFF
10	Spurn Head	1023.9	+6	NNW	3	bc	64	65	7	5	7	–	2-3	4-6	2500	1024.8	+6	–	0	bc	61	85	7	–	1	9	0	4-6	–	0	1	bc	bc	bc	bow
	Catterick	1023.5	+6	N'W	3	c	65	55	8	8	7	–	4-6	7-8	2500	1025.4	+14	E'N	1	3$_{o}$	59	85	5	8	–	–	9	9	4000	0	*	cm$_{o}$cy	cypr$_{o}$	c3$_{o}$	cm$_{o}$woF
	Tynemouth	1023.5	+20	N	2	c/pr	58	85	8	9	–	–	7-8	7-8	1500	1024.4	+16	SE	1	bc	57	85	7	2	–	–	4-6	4-6	1500	1	1	bcp$_{o}$	cp$_{o}$bc	bcm	bcc$_{o}$w
11	Inchkeith	1025.1	+10	WSW	2	bc	60	85	8	2	–	–	4-6	4-6	4000	1024.4	+6	W	2	bc	61	85	8	7	–	6	2-3	4-6	4000	0	1	bc$_{3o}$	bc	bcb	bc$_{3o}$w
12	Leuchars	1023.4	+14	WSW	1	bc	61	55	9	8	–	–	4-6	4-6	4000	1024.8	+10	SW	1	bc	62	65	9	4	–	–	4-6	4-6	5700	1	*	bbcvy	bcprv	bcvbw	bwc&
	Renfrew (Abbotsl.)	1023.6	+14	W'S	3	c	64	65	8	2	–	–	7-8	7-8	4000	1024.8	+6	WSW	2	b	58	75	8	4	–	1	Tr	1	4000	1	*	bwbcc	cybcb	bwbf	bc§e§e
	Eskdalemuir	1023.5	+12	W	2	bc	60	55	8	1	–	–	4-6	4-6	4000	1025.2	+10	S'W	3	bc	57	85	8	1	–	–	4-6	4-6	4000	1	*	tbbcy	bcybc	bc3$_{o}$w	bwc
13A	Tiree	1022.8	+14	SSW	3	bc	60	75	8	8	7	–	4-6	4-6	2500	1024.1	+4	S	2	bc	57	85	8	4	7	4	2-3	4-6	2500	0	2	bc	bc	bcy$_{o}$bcy$_{10}$	c
13B	Stornoway	1021.1	+14	SSW	4	c	60	65	8	8	7	–	4-6	7-8	2500	1023.4	+8	SSW	3	c/pr	56	85	7	8	7	–	4-6	7-8	1500	1	1	bcc	cp$_{o}$	cbc	c
15	Dalwhinnie	1022.9	+12	SW	2	bc	61	55	8	4	1	–	2-3	4-6	2500	1025.2	+8	–	0	bc	55	75	8	4	1	–	2-3	4-6	2500	1		bc	cr	*	bc
	Aberdeen	1023.1	+16	SE	2	bc	60	65	8	7	–	–	4-6	4-6	4000	1025.5	+16	ESE	2	bc	57	85	7	7	–	–	2-3	2-3	4000	1	1	bc	bcb	bc pr$_{o}$	bwm$_{o}$
	Wick	1021.9	+18	NW	2	c	57	85	8	8	1	–	4-6	7-8	2500	1024.7	+16	NNE	2	c	56	85	8	8	6	–	4-6	7-8	2500	0	2	c	cpr$_{c}$	bc	bc
16	Lerwick	1019.3	+14	W'N	4	bc	57	75	8	8	–	–	4-6	4-6	1500	1023.3	+20	W'S	3	bc	55	85	8	4	–	–	2-3	3-3	1500	0	*	cbc	bl	bc	bcw
17	Blacksod Point	1022.9	+6	S	3	bc	60	75	8	1	–	4	2-3	4-6	5700	1020.7	0	S	3	bc	59	85	8	–	–	7	0	4-6	–	0	2	bc	bc		bcc
18	Malin Head	1022.7	+8	W	2	pr	59	85	7	8	–	–	9	9	1500	1023.5	+2	S'E	2	c/pr	57	95	7	8	–	–	9	9	1500	1	1	bc	bccbc	cp$_{o}$	bcc
	Aldergrove	1024.9	+8	SW'S	3	b	61	65	8	2	–	–	1	1	2500	1024.9	+2	S'E	1	c	60	65	8	8	–	4	4-6	7-8	2500	1		b	bc	bcc	bcc
	Donaghadee	1024.4	+10	SE	2	bc	58	85	8	8	–	–	4-6	4-6	1500	1025.6	+10	SSE	2	bc	58	85	8	8	3	–	2-3	4-6	1500	0	1	bbc	bc	bc	bcc
19	Birr Castle	1024.1	+6	WSW	1	c	61	75	8	8	–	–	7-8	7-8	2500	1023.6	-2	SW	1	c	63	55	8	2	–	9	2-3	7-8	2500	1	*	c	cy	cbc	bcc
20	Valentia Obsy.	1024.2	0	S'E	4	c	61	75	8	8	–	2	4-6	7-8	1500	1023.0	-2	S	4	c	59	85	8	2	–	6	1	9	1500	1	1	bcpc	cbcc	cbc	bcc
	Roches Point	1025.1	+6	SW	2	f	55	95	3	5	–	–	10	10	<150	1024.5	-2	SW	2	bc	59	95	8	5	–	4	2-3	4-6	2500	1	2	cfc	cffcbc	bcbw	bbccw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_{o}$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_{o}$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail"
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r$_{o}$, slight rain. rr, continuous rain.
<, less than (for cloud height)
⊕, Solar halo. ◐ lunar halo. ⌿ gale
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anvil.
3 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.

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

§ Sea disturbance reported from Dungeness.

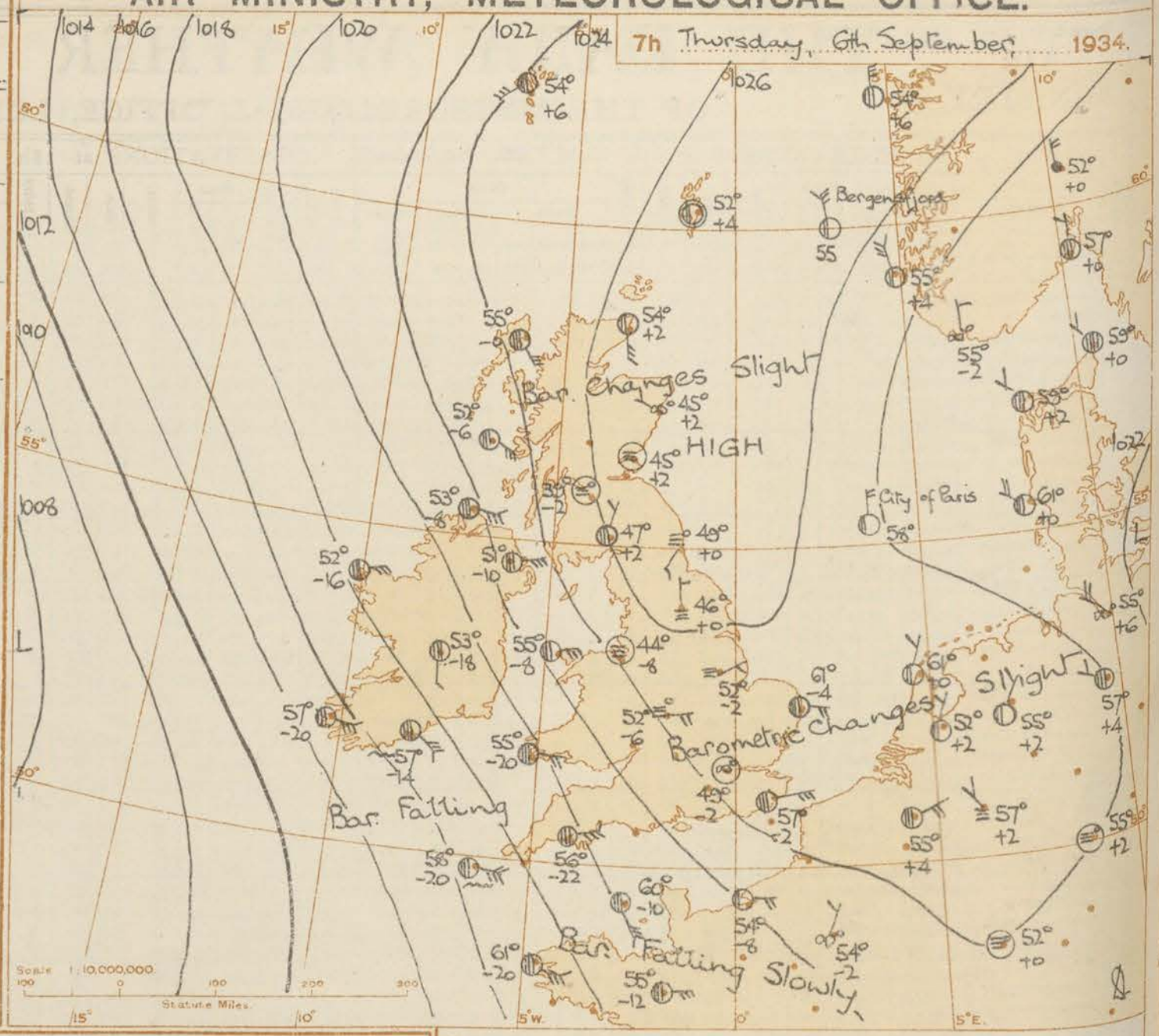
REPORTS from HEALTH RESORTS for 5th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	b	b	44	69	–	–	9.3	2.7
	Bournemouth	b	b	48	69	–	–	9.3	2.3
	Ventnor ...	b	b	54	65	–	–	10.5	1.5
	Southsea ...	b	b	50	69	1	–	10.5	2.2
	Bognor Regis	b	b	50	67	–	–	10.7	3.4
	Littlehampton	bbc	bcb	47	66	–	–	10.4	2.8
	Worthing ...	b	b	49	66	–	–	10.5	4.2
	Brighton ...	b	b	51	67	–	–	10.4	3.9
	Eastbourne†	b	b	51	66	–	–	10.5	3.2
	Hastings† ...	b	b	51	68	Tr	–	10.7	1.7
	Folkestone ...	bbc	bcb	52	67	–	–	10.4	0.7
	Dover... ...	ybc	bcb	53	68	–	–	11.1	0.7
	Deal	b	b	50	69	–	–	10.3	3.2
	Ramsgate ...	b	b	52	68	–	–	10.9	5.2
	Margate ...	bc	bc	56	66	–	–	10.7	6.5
2	Southend ...	b	bbc	51	74	Tr	–	8.4	5.1
	Maldon ...	zb	b	48	72	–	–	9.2	4.6
	Clacton-on-Sea	bcw	bc	45	68	–	–	9.2	6.5
	Dovercourt ...	bcv	bcv	50	70	–	–	10.8	7.1
	Lowestoft ...	b	b	48	69	–	–	10.1	7.7
	Skegness ...	b	bco	45	69	–	–	7.4	5.5
	Mablethorpe	bc	bcm	48	67	Tr	–	8.1	4.7
	Cleethorpes ...	bz	bc	48	69	–	–	8.2	6.4
3	Leamington S.	bc	bc	45	68	0.1	–	9.1	3.3
4	Cheltenham†	b	b	47	68	–	–	10.7	4.8
5	Bath	b	b	46	69	–	–	10.1	4.1
	Weymouth ...	b	b	47	68	–	–	10.7	5.3
	Jersey ...	bbc	bcb	52	64	–	–	9.5	2.3
	Torquay ...	wb	bcb	47	64	–	–	10.8	5.4
	Penzance ...	b	b	49	66	–	–	9.5	9.7
	St. Ives ...	c	b	52	61	–	–	7.8	10.3
	Bude	pbc	bc	54	65	Tr	–	9.5	8.3
	Ilfracombe ...	b	b	57	64	–	–	9.9	7.4
6	Aberystwyth	cbc	bc	57	63	–	–	8.8	8.7
7	Llandudno ...	bcb	b	55	64	Tr	–	9.2	9.3
	Colwyn Bay...	bcb	bcb	53	62	–	–	10.0	10.3
	Rhyl	bcb	b	52	62	1	–	9.7	10.5
8	Wallasey ...	b	b	54	63	Tr	–	9.5	9.4
	Southport‖ ...	bcb	b	53	64	6	–	9.0	10.6
	Blackpool ...	cbc	bc	56	64	0.2	–	9.4	10.9
	Morecambe ...	bbc	bbc	53	63	5	–	8.2	11.1
9	Ilkley	b	b	46	67	0.4	–	7.2	3.3
10	Berwick-on-T.	bbc	bc	47	62	–	–	7.0	10.7
11	Dunbar ...	bc	bc	47	64	–	–	11.0	10.6
12	Troon... ...	bbcb	bbvb	55	61	1	–	10.2	6.6
	Douglas ...	b	b	51	63	0.3	–	10.0	9.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 6th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th Sept. 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate or fresh southeast wind; fair; high clouds; rather warm.
4. W. Midlands	Moderate or fresh southeast wind; high clouds, perhaps slight rain later; rather warm.
5. S.W. England 6. South Wales	Fresh southeast wind; cloudy, occasional rain, especially in extreme Southwest; average temperature.
7. North Wales 8. N.W. England	As 4.
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.	As 1 - 3.
17. N.W. Ireland	Moderate or fresh southeast wind; cloudy, rain at times; average temperature.
18. N.E. Ireland 19. S.E. Ireland	Moderate or fresh southeast wind; cloudy, slight rain later; average temperature.
20. S.W. Ireland	As 17.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol — ◯ Temperature is given in degrees F.
Weather Symbols:— ◯ Clear sky. ◯ Sky less than 3/10 clouded. ◐ Sky 4/10 to 7/10 clouded. ◐ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog ≡ Mist T Thunder K Thunderstorm. ∞ Slight haze.
Sea Disturbance.~~Rough. ≈≈High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone with its central area extending from East Scotland to Norway is moving north, and a complex depression is approaching our southwest coasts. Weather will be unsettled in the Southwest but fair in the East and North.

FURTHER OUTLOOK.

Unsettled weather spreading northeastward but perhaps fair over tomorrow in eastern and northern districts.

Forecasts issued at 0935 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. P.I. 250/2781. Wt. 8046. D 6001. Gp. 908. 22300. 9/34.

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

Morning of
THURSDAY,
6th SEPTEMBER,
1934.
HIGH
LOW
1008
1012
1016
1020
1024
1028
1032
1004
996
992
988
Point Barrow
Behring Is.
Petropavlovsk
Ust Kamchatsk
Anadyr
St Lawrence Bay
Nome
Fairbanks
Dawson
Wrangel Is.
Kolymsk
Okhotsk
Yakutsk
Verkhoyansk
Lena Mouth
Dickson
Ust Yenisseisk
Franz Joseph Land
Fort Simpson
Fort Norman
Fort Good Hope
Fort Smith
Prince Albert
Edmonton
Medicine Hat
Swan River
Winnipeg
Churchill
Winnipeg
Duluth
Chicago
Toronto
Montreal
Quebec
Father Point
Halifax
Sydney
Belle Isle
Bermuda
Hatteras
Charleston
Jacksonville
New Orleans
Galveston
Corpus Christi
Tampico
Vera Cruz
Progreso
Kamloops
Seattle
Portland
San Francisco
Los Angeles
Phoenix
El Paso
Denver
Kansas City
Omaha
Minneapolis
Bismarck
Winnipeg
Fort Churchill
Coppermine
Reykjavik
Angmagssalik
Godthaab
Scoresbysund
Jan Mayen
Stornoway
Thorshavn
Vestmannaeyjar
Reykjavik
Bergen
Oslo
Stockholm
Archangel
Murmansk
Haparanda
Kem
Petrozavodsk
Kirovsk
Molotovsk
Arkhangelsk
Vologda
Novgorod
Leningrad
Moscow
Kazan
Perm
Sverdlovsk
Chelyabinsk
Orenburg
Uralsk
Saratov
Stalingrad
Astrakhan
Gurjev
Baku
Batoum
Tiflis
Rostov
Kharkov
Kursk
Smolensk
Warsaw
Berlin
Hamburg
Paris
Brest
Lisbon
Madrid
Gibraltar
Valencia
Aberdeen
Tynemouth
Shetland
Jersey
Guernsey
Cherbourg
Nantes
Clermont
Bordeaux
Toulouse
Marseilles
Nice
Rome
Naples
Palermo
Messina
Cagliari
Ajaccio
Malta
Tripoli
Tunis
Algiers
Oran
Laghouat
Ouargla
Biskra
Constantine
Bizerta
Sfax
Gabes
Benghazi
Siwa
Matruh
Aswan
Wadi Halfa
Khartoum
Asmara
Addis Ababa
Mogadiscio
Aden
Mukalla
Socotra
Salalah
Muscat
Bahrein
Basra
Mosul
Baghdad
Hinaidi
Kirkuk
Aleppo
Beirut
Damascus
Haifa
Jerusalem
Amman
Cairo
Alexandria
Port Said
Suez
Mecca
Jedda
Medina
Hodeida
Perim
Port Sud

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 6th September 1934.

No 265886

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

District	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)	°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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1025.5	-10	-	0	b	49	95	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1026.3	-10	NE'N	1	b	53	95	8	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1025.8	-4	-	0	b	57	96	6	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1023.9	-12	E	3	o	58	75	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022.7	-12	E'S	4	bc	56	95	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1022.4	-20	SE'E	4	b	57	96	7	-	-	-	0	0	-
	Guernsey ...	175	1024.6	-14	ESE	1	bc	58	85	8	8	-	-	4-6	4-6	2500
6	Pembroke ...	142	1023.5	-8	E	1	c	54	96	7	5	-	-	7-8	7-8	4000
7	Holyhead ...	26	1024.9	-6	SE	2	b	53	85	8	-	-	1	0	Tr.	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1026.2	+4	ESE	2	bc	57	96	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026.3	-4	S	1	bc	52	95	5	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	1025.9	+2	W	1	b	52	96	6	5	-	-	1	1	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1025.2	+8	SSW	3	bc	53	95	7	8	6	-	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1026.6	0	S	2	bc	53	95	8	5	-	-	2-3	2-3	2500
16	Lerwick ...	54	1026.3	+10	W'S	1	b	51	95	8	5	-	-	1	1	1500
17	Blacksod Point	18														
18	Malin Head ...	52	1023.0	-10	SE	3	b	53	95	7	5	-	-	Tr.	Tr.	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1019.8	-34	S	3	b	55	95	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 6th September

District	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°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)
1	London (Kew)...	1024.2	-2	N'E	1	bc3	50	95	3	-	-	6	0	2-3	-	0	*
	Croydon ...	1024.4	-2	-	0	3o	49	95	6	-	-	2	0	4-6	-	1	*
	S. Farnborough	1024.0	-8	-	0	3	45	95	4	-	7	6	0	7-8	-	1	*
	Boscombe Down	1022.8	-8	E	2	3o	50	95	6	5	7	-	2-3	9	4000	1	*
	Calshot, (S'thmtn)	1023.0	-12	E'N	4	c	57	85	6	5	7	9	2-3	7-8	2500	0	1
	Lympne ...	1025.1	-2	ESE	3	c	57	95	7	1	3	4	1	9	1500	*	§1
	Manston ...	1024.9	-2	SSE	2	c	58	95	7	2	7	1	2-3	7-8	2500	0	*
2	Shoeburyness	1024.7	-2	-	0	c	55	95	6	1	7	-	Tr	9	4000	0	*
	Felixstowe ...	1024.9	0	SE	3	c	61	75	7	-	3	6	0	9	-	0	1
	Gorleston ...	1025.2	-4	SE'E	2	c	61	85	7	8	3	-	4-6	7-8	2500	0	2
	Cranwell ...	1025.6	-2	E'N	1	F	52	95	1	5	-	-	10	10	<150	1	*
3	Birmingham ...	1024.2	-6	E	2	m	52	85	4	-	1	-	0	9	-	1	*
	Upper Heyford	1024.2	-6	NE	2	m	51	85	4	-	-	4	0	7-8	-	0	*
4	Ross-on-Wye ...	1022.5	-14	E'N	2	3o	51	85	5	-	2	-	0	10	-	0	*
5	Portland Bill...	1021.3	-10	SE	4	c	61	85	8	5	-	-	9+	9+	2500	0	3
	Plymouth ...	1019.4	-22	E'S	4	c	56	95	8	5	7	-	1	9+	1500	1	1
	The Lizard ...	1018.0	-18	E'S	5	c	57	95	8	8	7	-	7-8	9+	2500	0	3
	Scilly (St. Mary's)	1017.2	-20	SE'E	5	c/pr	58	85	7	8	7	-	7-8	9+	2500	1	4
	Guernsey ...	1020.5	-10	SSE	4	c	60	75	8	5	-	-	7-8	7-8	4000	1	3
6	Pembroke ...	1019.5	-20	E'S	2	c	55	95	6	5	-	-	9+	9+	4000	1	1
7	Holyhead ...	1021.9	-8	E'S	3	c	55	75	7	5	1	8	Tr	10	4000	0	1
	Chester (Sealand)	1024.4	-8	-	0	c3	44	95	3	5	7	8	4-6	7-8	4000	0	*
8	L'pool (Bidston)	1024.0	-8	E'S	3	m	50	75	4	5	1	-	2-3	9	800	1	*
	Manchester	1024.5	-4	NE'N	2	m	51	95	4	-	-	6	0	9+	-	0	*
9	Harrogate ...	1026.5	0	N	1	F	46	95	1	5	-	-	10	10	<150	0	*
10	Spurn Head ...	1025.9	-2	SE	3	c	58	85	7	4	1	9	2-3	7-8	2500	1	2
	Catterick ...	1026.5	+2	NE	1	F	49	95	1	5	-	-	10	10	<150	0	*
	Tynemouth ...	1026.6	0	SW	1	m	49	95	4	5	-	-	7-8	7-8	1500	1	0
11	Inchkeith ...	1026.2	0	N	1	3o	50	95	5	5	-	9	4-6	10	800	0	1
	Leuchars ...	1026.6	+2	-	0	3	45	95	3	5	-	-	10	10	<150	1	*
12	Renfrew (Abbotsl)	1028.2	-2	-	0	m/3	39	95	4	4	3	7	Tr	10	5700	1	*
	Eskdalemuir ...	1026.0	+2	NE	1	c	47	95	8	5	3	-	4-6	9	4000	1	*
13A	Tiree	1023.3	-6	SE'E	3	c	52	85	8	5	1	5	2-3	7-8	4000	0	2
13B	Stornoway ...	1024.5	0	SE	3	c	55	85	9	5	7	-	4-6	7-8	2500	1	1
15	Dalwhinnie ...	*	-2	-	0	hc	35	95	8	4	1	-	1	4-6	4000	1	*
	Aberdeen ...	1027.0	+2	NW	1	3o	45	95	6	-	4	-	0	2-3	-	1	1
	Wick	1026.5	+2	S	3	bc	54	95	8	5	1	4	2-3	4-6	2500	0	2
16	Lerwick ...	1026.1	+4	-	0	bc	52	95	7	5	-	1	2-3	2-3	2500	0	*
17	Blacksod Point	1018.4	-16	E	3	c	52	95	8	-	7	-	0	9+	-	0	3
18	Malin Head ...	1021.4	-8	ESE	4	c	53	85	7	4	7	-	Tr	9+	1500	0	1
	Aldergrove ...	1022.8	-10	E.	3	c	51	95	8	2	8	2	Tr	7-8	2500	1	*
	Donaghadee ...	1023.0	-10	SE	3	c	55	95	8	5	-	-	7-8	7-8	1500	0	1
19	Birr Castle ...	1018.0	-18	S	1	c	53	95	7	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy.†	1014.5	-20	ESE	4	c	57	75	9	5	2	-	4-6	10	1500	1	2
	Roches Point...	1016.5	-14	SE	4	c	57	95	8	3	-	-	7-8	7-8	2500	1	4

PAST 24 HOURS.

District	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 5th Hrs. (36)
1	London (Kew)...	68	48	41	-	-	10·6
	Croydon ...	69	47	43	-	-	11·0
	S. Farnborough	71	40	31	-	Tr	10·7
	Boscombe Down	67	48	43	-	-	10·3
	Calshot, (S'thmtn)	68	52	45	-	-	10·8
	Lympne ...	69	49	41	-	Tr	10·8
	Manston ...	68	47	40	-	Tr	11·3
2	Shoeburyness	71	47	38	-	-	10·1
	Felixstowe ...	68	49	42	-	-	10·2
	Gorleston ...	67	53	53	-	-	10·6
	Cranwell ...	67	46	43	-	Tr	9·3
3	Birmingham ...	67	50	39	-	-	9·5
	Upper Heyford	68	48	42	-	-	*
4	Ross-on-Wye ...	69	45	38	-	-	11·0
5	Portland Bill...	65	55	*	-	-	*
	Plymouth ...	64	50	45	-	-	10·4
	The Lizard ...	63	55	*	-	-	*
	Scilly (St. Mary's)	65	56	*	-	Tr	11·4
	Guernsey ...	64	56	51	Tr	-	7·4
6	Pembroke ...	62	50	*	-	-	10·7
7	Holyhead ...	63	52	46	-	-	10·7
	Chester (Sealand)	65	39	35	-	-	10·6
8	L'pool (Bidston)	61	49	46	-	-	10·3
	Manchester	65	42	34	Tr	-	9·3
9	Harrogate ...	66	46	39	-	-	5·9
10	Spurn Head ...	67	55	*	-	-	7·9
	Catterick ...	65	40	33	Tr	-	2·2
	Tynemouth ...	62	48	42	Tr	-	*
11	Inchkeith ...	62	49	40	-	-	10·9
	Leuchars ...	66	38	31	0.2	-	10·7
12	Renfrew (Abbotsl)	65	35	33	-	-	9·6
	Eskdalemuir ...	65	37	31	-	-	8·6
13A	Tiree	61	49	40	-	0·1	11·5
13B	Stornoway ...	61	53	*	0.3	0·1	7·7
15	Dalwhinnie ...	61	31	26	1	Tr	4·4
	Aberdeen ...	64	41	33	-	Tr	6·1
	Wick	62	52	*	0.6	-	*
16	Lerwick ...	59	49	*	-	-	9·5
17	Blacksod Point	61	51	*	Tr	-	*
18	Malin Head ...	62	50	*	0.3	Tr	9·0
	Aldergrove ...	64	44	40	-	-	8·8
	Donaghadee ...	61	50	*	-	-	*
19	Birr Castle ...	64	48	39	-	-	5·2
20	Valentia Obsy.†	63	55	53	Tr	-	8·7
	Roches Point...	60	56	*	Tr	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bbcy	bcy by	bFbc3w	68	48	41	-	-	10·6	*	*	6
Croydon	317	bbc	bc by	bbcyw	69	47	43	-	-	11·0	*	*	6
Greenwich (Royal Observatory) ...	149	by	bcy	cbwmc	71	46	36	-	Tr	9·5	42	76	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	9·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	71	51	45	-		8·7	69	67	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	70	50	44	-	-	9·6	38	72	*
Camden Square	110	bbc	bcb	*	71	49	42	-	-	*	*	74	*
Kensington	80	bc	bc	*	69	49	40	-	-	9·5	At 18h. 71		*
Hampstead Observatory	450	bc	b	*	70	50	42	-	-	10·0	50	87	*

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	1024·5	NNE	1	b	66	1023·1	NNE	1	bc3o	54	72	50	-	-
Brussels	1024·7	NNW	4	b	63	1025·0	ENE	2	c	55	72	46	-	-
Berlin	1020·8	-	0	bc3o	64	1021·1	NW	1	c3o	61	68	57	-	-
Zurich	1022·2	NW	2	r	66	1022·8	SE	1	bc	55	81	54	0·2	4
Rome						1020·6	NE	2	bc	66	*	*	*	0·1

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·8	7 hrs. 6th	<0·3	8-10hrs 5th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	7 hrs 6th	<0·1	14-17hrs 5th

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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 7th September 1934.

No. 26587.

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 6th September.															OBSERVATIONS at 18h. G.M.T. 6th September.															PAST 24 HOURS.			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direct.	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)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direct.	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	Weather. 7h.–13h. 6th	Weather. 13h.–18h. 6th	Weather. 18h.–1h. 6th–7th	Weather. 1h.–7h. 7th
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	1021.4	-16	E	3	bc	68	45	8	1	8	3	2-3	4-6	4000	1018.6	-14	E	4	c	62	75	6	-	-	6	6	9	-	0	*	bc§bcy	bcyc	cb	cm. w
	Croydon	1021.6	-18	ENE	3	bc	68	55	8	1	9	1	Tr	4-6	2500	1018.9	-12	ENE	3	c	62	75	8	-	5	6	6	9+	-	0	*	bcm.c	bcyc	bcm.w	b, cm.
	S. Farnborough	1020.3	-26	SE'E	4	bc	68	55	8	1	8	-	Tr	4-6	7200	1017.9	-14	ESE	3	c	63	65	7	-	-	3	6	7-8	-	0	*	cm.bcy	bcycy	bccm.	cbcm.w
	Boscombe Down	1019.2	-28	ESE	5	bc	67	45	8	7	8	-	2-3	4-6	4000	1016.4	-14	E	3	c	62	65	7	-	9	2	6	9	-	1	*	cm.bc	bcyc	cbcc	cbccm.
	Calshot, S'thmtn	1020.7	-20	E	5	bc	64	55	8	-	4	5	0	4-6	-	1017.4	-16	E	6	bc	66	75	6	-	4	6	6	4-6	-	0	3	bccbcy	bcybc	bcm.bw	bwbcc
	Lympne	1022.6	-18	E'N	4	bc	63	55	8	-	7	1	0	4-6	-	1019.8	-12	E'N	3	c	61	75	6	-	7	2	6	9	-	1	§2	cbcy	bcyc	cbm.	bbcm.
	Manston	1023.7	-16	E	4	bc	61	85	7	5	3	-	4-6	4-6	4000	1019.9	-12	ENE	5	c	62	85	7	-	-	8	6	7-8	-	0	*	cbc	bcc	cbc	bbcm.
2	Shoeburyness	1023.0	-10	E'S	4	c	64	85	8	1	7	-	Tr	7-8	2500	1019.7	-22	E	4	c	61	95	7	-	7	3	6	7-8	-	0	*	cbc	bcc	cbc	bbcm.
	Felixstowe	1023.4	-12	ESE	3	pr	63	75	8	4	7	-	4-6	9	1500	1020.8	-14	E	4	c	62	75	7	-	3	8	6	7-8	-	0	2	c	cpr.bc	bc	bcojo
	Gorleston	1024.2	-8	ESE	3	c	62	75	7	8	-	-	10	10	2500	1021.7	-12	E	4	bc	62	75	7	5	3	-	2-3	4-6	2500	0	2	c	c	bcbq	kbcqj
	Cranwell	1023.3	-16	ESE	3	c	67	65	7	8	1	-	7-8	9+	2500	1020.0	-16	E	3	c	61	75	8	5	7	6	2-3	9	4000	1	*	cFfc	c	cbm.w	bwom
3	Birmingham	1021.1	-20	SE	2	c	63	55	6	6	2	-	2-3	10	1500	1017.8	-16	ESE	3	c	62	55	7	-	-	8	6	9	-	1	*	c	c	c	co
	Upper Heyford	1020.9	-20	E	3	c	62	65	6	-	7	-	0	9+	-	1018.2	-16	E	3	c	61	55	8	7	7	8	1	9+	2500	0	*	bccm	cy	cbccw	cw
4	Ross-on-Wye	1019.6	-20	E'S	4	c	64	55	8	1	7	9	Tr	9+	4000	1015.7	-20	E'S	3	c	63	55	8	-	7	8	6	9+	-	0	*	c3.	cy	c	ccodo
5	Portland Bill	1016.0	-24	ESE	6	c	63	75	7	4	4	-	4-6	7-8	2500	1014.7	-28	ESE	6	c	63	85	7	5	-	-	9	9	2500	0	4	cbc	bcc	c	c
	Plymouth	1016.2	-20	E	5	c	65	75	8	1	9	6	2-3	9	2500	1012.8	-18	E	5	c	62	85	7	5	7	-	7-8	9+	2500	1	2	cic.	c	cr.	oidd.m.
	The Lizard	1013.4	-20	E'S	6	c	63	85	8	8	7	-	4-6	7-8	2500	1011.4	-6	SE	5	rc	61	95	5	5	-	-	10	10	800	1	3	cpr.	cmo	rmbco	opvc
	Scilly (St. Mary's)	1011.3	-26	SE'E	5	c	63	85	7	8	7	-	4-6	9+	2500	1009.1	-6	S	5	o/d	61	95	6	5	-	-	10	10	1500	1	4	circ	r.rom	idido	oidc
	Guernsey	1017.7	-22	ESE	3	bc	67	75	7	1	7	-	1	2-3	4000	1014.4	-16	-	0	bc	67	85	7	5	-	-	4-6	4-6	4000	0	3	cbc	bc	bcbw	bbcw
6	Pembroke	1015.7	-20	SE	4	q	61	85	7	5	7	-	7-8	9+	4000	1009.8	-22	SE	5	q	62	75	7	5	-	-	9+	9+	2500	1	3	cqprcq	cqc	opro	oir.qc
7	Holyhead	1018.4	-26	SE'E	5	c	63	65	7	1	1	8	Tr	10	4000	1013.3	-30	ESE	4	c	62	65	6	-	7	8	0	10	-	0	2	c3cy	cyic	cicc	cir.c
	Chester (Sealand)	1021.0	-26	SE'E	4	3o	66	65	6	5	7	8	2-3	7-8	4000	1016.9	-2	ESE	4	3o	63	65	6	1	7	-	2-3	9	4000	0	*	5cm⊕	c3o	c3o	cm.
8	L'pool (Bidston)	1020.6	-18	E'S	4	c	63	65	6	5	2	-	4-6	10	1500	1016.9	-20	ESE	5	c	62	65	6	5	4	8	2-3	7-8	1500	0	*	moo	oc	cbq	com.
	Manchester	1021.8	-22	SE'E	4	3o	63	65	5	-	3	7	0	10	-	1018.1	-18	SE	4	3o	63	75	5	5	7	-	1	4-6	4000	0	*	cm3o	c3o	bcm.	om.
9	Harrogate	1023.4	-14	SE	3	c	59	75	7	6	1	-	7-8	10	4000	1020.2	-10	ESE	3	c	58	75	7	6	7	-	2-3	10	4000	0	*	Poc	c	cbc	coir.
10	Spurn Head	1024.3	-6	SE	4	c	62	85	7	5	7	-	4-6	7-8	2500	1021.0	-10	SSE	5	c	60	85	8	-	7	-	0	7-8	-	0	4	c	c	cbc	c
	Catterick	1023.5	-18	E	1	3o	61	75	7	5	1	-	1	10	1500	1020.4	-14	SE'E	3	c	59	75	8	5	3	-	4-6	9+	2500	0	*	c3o	c	c	co
	Tynemouth	1024.5	-6	E	2	c	58	85	8	4	-	-	7-8	7-8	4000	1021.9	-16	E	3	bc	56	95	7	4	-	-	4-6	4-6	4000	1	2	cm	cbc	bc	bcoq
11	Inchkeith	1024.6	-18	E	3	c	59	95	8	4	9	-	4-6	9+	2500	1021.9	-14	E	4	c	55	95	8	8	9	-	4-6	9	2500	0	3	3obcc	c	cv	corr
	Leuchars	1025.8	-10	E	3	c	58	85	8	5	-	8	2-3	9+	1500	1022.8	-16	ENE	3	c	56	85	7	5	3	8	7-8	9+	1500	1	*	5cm⊕c	c⊕	c	orRRm
12	Renfrew (Abbotsl.)	1022.4	-20	SE'E	4	3o	64	55	7	1	-	8	2-3	7-8	4000	1018.7	-22	E	5	c	58	85	7	1	7	1	Tr	9	4000	1	*	sufc⊕ cmPc3o	c3oc	co	rRRmr.
	Eskdalemuir	1023.2	-14	ESE	3	c	59	65	6	1	1	7	1	10	2500	1020.1	-18	E'N	4	c	55	75	7	5	7	1	2-3	7-8	2500	1	*	c3o⊕	c3oc	cbc	cvir.
13A	Tiree	1021.1	-14	ESE	4	c	60	75	7	5	1	-	2-3	9	4000	1016.3	-32	E'S	4	c	59	75	7	5	3	6	1	9	2500	0	3	c	c	cvv	vvvR
13B	Stornoway	1023.6	-8	ESE	1	c	59	65	8	5	1	-	Tr	7-8	4000	1019.8	-20	ESE	2	c	58	75	8	8	7	2	2-3	7-8	2500	1	1	cb.c	c	ca	cvv
15	Dalwhinnie	1024.4	-8	S	2	c	58	65	8	4	1	-	4-6	10	4000	1022.3	-16	S	2	c	52	75	8	4	4	-	4-6	10	2500	0	*	bc	c	iv	
	Aberdeen	1026.5	-8	E'S	2	c	58	85	7	1	-	6	4-6	7-8	2500	1024.3	-12	E'S	2	c	55	85	7	8	7	6	1	7-8	1500	0	1	bc3o	bcc	cbcb	bbcc
	Wick	1026.3	-2	ESE	3	bc	58	85	8	1	-	-	2-3	2-3	2500	1024.4	-4	ESE	3	c	55	85	8	5	1	-	4-6	7-8	2500	0	2	bc	bcc	bcc	c
16	Lerwick	1026.7	-6	S	1	bc	55	95	7	5	3	-	4-6	4-6	2500	1025.6	-6	E'S	1	bc	54	85	8	5	-	-	2-3	2-3	2500	0	*	bc	bc	bcc	c
17	Blacksod Point	1012.2	-30	E	4	c	60	75	8	-	7	-	0	9+	-	1004.1	-38	ESE	7	rr	59	85	6	6	-	-	10	10	220	1	5	c	rrcq	PRC	r.c
18	Malin Head	1018.4	-24	E	5	3o	57	95	7	5	7	-	2-3	10	1500	1012.9	-26	E	6	3o	59	85	7	5	7	-	4-6	10	1500	0	2	c	3	orrr.	oir.
	Aldergrove	1019.2	-24	E'S	5	3o	60	75	6	5	7	7	1	9+	4000	1014.0	-30	E'S	5	3c	59	85	6	5	2	-	7-8	10	1500	1	*	cm.	c3o	r.r.RR	cir.
	Donaghadee	1021.4	-16	SE	3	c	59	85	8	5	-	-	7-8	7-8	1500	1015.2	-20	SE	5	c	59	85	7	5	-	-	7-8	7-8	1500	0	3	c	c	cir.	rrc
19	Birr Castle	1013.3	-36	SE	3	c	61	65	8	-	7	-	0	9+	-	1006.6	-40	SE	4	ir	59	85	8	6	2	-	7-8	10	2500	1	*	c	cir	civ	corr
20	Valentia Obsy.	1005.7	-54	ESE	6	r.r.	59	85	7	6	2	-	7-8	10	1500	1000.2	+10	S	6	c/r	60	85	8	6	2	-	7-8	9+	1500	1	3	cr.r.	r.r.rrc	cbccrr	rvr.c
	Roches Point	1011.6	-42	SE	5	rr	57	95	6	6	-	-	10	10	1500	1004.1	-20	SE	7	rr	58	95	6	6	-	-	10	10	800	1	6	corr	orr	avc	corv

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/e., slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s./k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity; thus.
R, heavy rain. r., slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. ⚷ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr." signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb–St).
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.

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

§ Sea disturbance reported from Dungeness.

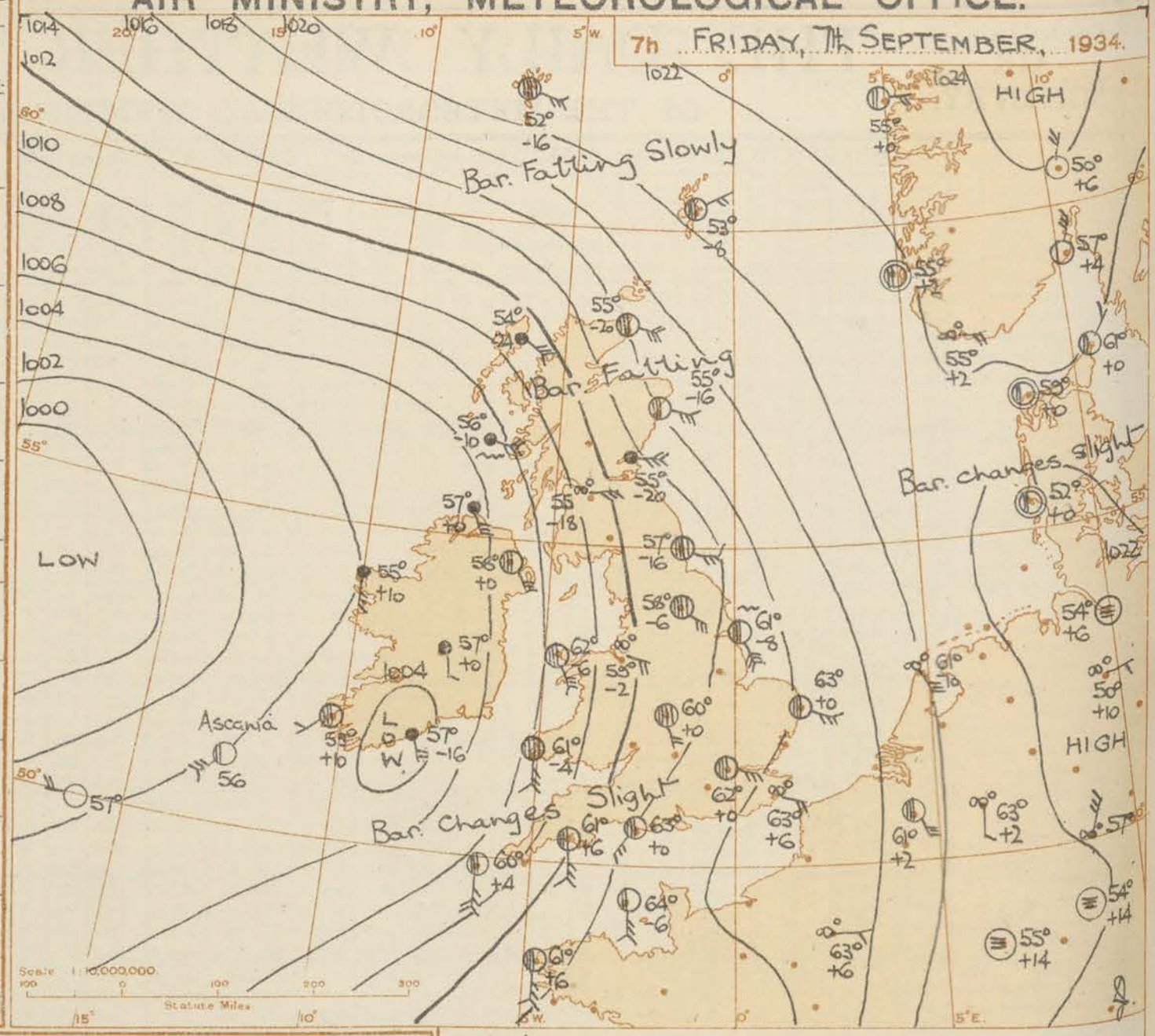
REPORTS from HEALTH RESORTS for 6th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 5 th. 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.
1	Tunbridge W.	b	bbc	45	72	-	-	8·0	10·0
	Bournemouth	c	c	48	68	-	-	4.5	10·7
	Ventnor ...	c	bc	55	65	-	-	8·9	11.2
	Southsea ...	bc	bbc	59	68	-	-	5·2	11.1
	Bognor Regis	cbc	bbc	52	66	-	-	6·7	11.4
	Littlehampton	bc	bc	48	68	-	-	6.1	11.4
	Worthing ...	cbc	bbc	50	67	-	-	7·3	11·5
	Brighton ...	bc	bc	50	70	-	-	7.1	11.4
	Eastbourne†	cbc	bc	50	66	-	-	6·9	11.4
	Hastings‡ ...	cbcb	bbcc	52	66	-	-	7·9	11.6
	Folkestone ...	bc	bc	49	66	-	-	6·5	10·6
	Dover... ...	bc	bcc	48	68	-	-	4.2	11.7
	Deal	oc	cbc	48	66	-	-	6·8	10·5
	Ramsgate ...	bc	cbcc	55	65	-	-	5·9	11.1
	Margate ...	bc	bc	54	65	-	-	5·9	11.5
2	Southend ...	cbc	cbc	53	66	Trace	-	5·4	9.1
	Maldon ...	3c	bcc	47	66	-	-	3·8	9.3
	Clacton-on-Sea	bccbc	cbc	55	64	-	-	3·7	9·7
	Dovercourt ...	bcv	bcv	52	65	-	-	4·7	11.4
	Lowestoft ...	bc	cbc	50	65	-	-	2.1	10·8
	Skegness ...	bc	bco	50	64	Trace	-	2·8	7.4
	Mablethorpe	bc	c	51	62	-	-	2.7	8·5
	Cleethorpes...	c3	c	49	63	Trace	-	2·9	8·4
3	Leamington S.	oc	c	46	66	-	-	1.1	9.3
4	Cheltenham†	cbcc	cbcc	51	66	-	-	1.7	11·0
5	Bath	c	cbc	48	68	-	-	2.6	11.0
	Weymouth ...	cb	bc	51	65	-	-	4.2	11.7
	Jersey ...	bcb	bc	57	77	-	-	8·6	10·7
	Torquay ...	owb	bbcc3	51	65	-	-	3·5	11.4
	Penzance ...	crcbc	co	58	64	-	1	1·4	10·4
	St. Ives ...	p	p	55	65	-	2	1·8	8·9
	Bude	rpc	c	49	67	-	0·5	1·9	9·8
	Ilfracombe ...	oc	c	53	67	-	-	0·5	10·8
6	Aberystwyth	3bcc	pc	55	64	-	0·3	0·3	10·0
7	Llandudno ...	co	oc	49	65	-	-	0·0	10·3
	Colwyn Bay...	o	o	47	64	-	-	0·0	11·0
	Rhyl	cmo	cmo	49	65	-	-	0·0	10·5
8	Wallasey ...	mc	c	50	65	-	-	0·0	10·4
	Southport‖ ...	cm	cm	44	65	-	-	0·2	9.8
	Blackpool ...	c	c	46	64	-	-	0·2	9·9
	Morecambe ...	c	cbbcc	46	64	-	-	1.4	9.2
9	Ilkley... ...	c	c	41	62	-	-	0·1	8·5
10	Berwick-on-T.	c	c	41	58	-	-	2.5	7·1
11	Dunbar ...	bc	bc	46	59	-	-	2·9	11.6
12	Troon... ...	wbc3c	cbc3c	43	64	-	-	1·8	11·8
	Douglas ...	coc	cu	47	60	-	-	0·1	11·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h FRIDAY, 7th SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th Sept. 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Wind mainly southerly, light or moderate; mainly fair; increasing thundery tendency; local morning fog; very warm.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate southerly wind; mainly cloudy, occasional rain; thundery tendency; rather warm.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Fresh southeast wind, moderating; cloudy, occasional rain; average temperature.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland	Fresh southeast or east wind, moderating later; dull, continuous rain at first, occasional rain later; rather cool.
16. Orkneys and Shetlands.	As 17.
17. N.W. Ireland	Light or moderate southerly wind; bright intervals, showers; average temperature.
18. N.E. Ireland 19. S.E. Ireland	Light or moderate southerly wind; rain, then bright intervals and local showers; average temperature.
20. S.W. Ireland	cmd

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ 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. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ↯ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression off West Ireland is spreading northeast though stationary at the centre. Secondaries are indicated over South Ireland, Southwest France and to westward of the Bay of Biscay, moving round the main centre. Weather will be unsettled in the West and North but fair and very warm in the Southeast with increasing thundery tendency.

FURTHER OUTLOOK.

Unsettled in the West and North; warm in the Southeast, with fair periods; thundery tendency in most districts.

Forecasts issued at 0935 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. Pp 2301/2191. We 8016. (L6201) Gp 908. 2220. 9/34.

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

Morning of FRIDAY, 7th SEPTEMBER, 1934.

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

Clarke's Projection. Scale 1·4 × 10⁷ along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Friday, 7th September 1934.

No. 26587

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

District	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)	°F. Temp. (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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1016.3	-12	SEE	3	3o	62	85	6	-	-	2	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1017.3	-14	ESE	4	3o	63	75	6	-	-	-	0	0	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1018.9	-10	ESE	4	b	62	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	273	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014.4	-6	SSE	4	C	63	95	7	S	-	-	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1011.0	0	SE	4	0	60	95	7	S	-	-	10	10	1500
	Scilly (St. Mary's)	163	1009.4	-4	SW	4	c/d	60	95	5	S	-	-	10	10	1500
	Guernsey	176	1014.5	0	SWS	3	b	63	95	7	-	-	-	0	0	-
6	Pembroke	142	1008.8	0	S	3	0	61	95	7	S	-	-	10	10	4000
7	Holyhead	26	1009.7	-6	SSE	5	C/r	62	75	7	5	2	-	1	10	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1018.1	-10	SSE	6	bc	60	95	7	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1018.4	-16	SE	4	bc	55	95	7	2	-	-	4-6	4-6	2500
11	Inchkeith	190	1017.6	-22	ESE	4	C	55	95	8	4	2	-	Tr	10	4000
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsh)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1016.5	-26	E	5	C	54	85	7	5	6	-	4-6	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1021.3	-16	ESE	5	C	54	85	8	8	1	-	4-6	7-8	1500
16	Lerwick	54	1024.3	-8	ES	2	C	51	85	8	5	-	-	7-8	7-8	1500
17	Blacksod Point	18	1003.1	-20	S	3	C	59	85	7	5	-	-	10	10	220
18	Malin Head	52	1007.0	-28	ES	5	GG	57	95	6	6	-	-	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Doneghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1004.0	+10	SSW	5	rr	55	95	8	3	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind Direc. (17)	Wind Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1014.8	+2	S	2	c	63	95	6	-	8	6	0	7-8	-	0	*
1015.5	0	SE	3	c	63	85	6	-	-	2	0	9	-	0	*
1014.4	+4	SE'S	2	c/m	61	95	4	5	1	7	4-6	9+	450	0	*
1013.6	+6	S	3	0	62	95	6	5	-	-	10	10	800	1	*
1014.8	+6	S'E	2	c	64	95	6	5	5	5	2-3	7-8	2500	0	1
1016.5	+6	SE	2	3o	63	85	6	-	4	6	0	4-6	-	*	§ 2
1016.3	0	SSE	5	3o	61	95	6	-	-	8	0	4-6	-	0	*
1016.0	-2	SE	3	bc	62	95	6	-	7	8	0	4-6	-	0	*
1016.2	-2	SE	4	c	64	85	6	-	3	7	0	7-8	-	0	3
1016.5	0	SE'E	4	c	63	95	5	5	-	8	4-6	9	2500	0	3
1014.5	-10	SE	4	3o	59	95	5	5	7	6	7-8	9+	1500	1	*
1012.2	0	SSE	2	0	60	95	6	5	-	-	10	10	800	1	*
1014.0	+4	SE'E	3	3o	60	95	5	5	-	-	10	10	800	0	*
1012.4	+4	S	2	o/d	62	95	7	6	-	-	10	10	2500	1	*
1014.4	0	SW	3	c	63	95	7	4	4	-	4-6	7-8	2500	1	3
1011.8	+6	S	4	c	61	95	6	5	-	-	9+	9+	450	1	3
1010.9	+4	S	5	c	60	95	7	5	4	-	7-8	9	2500	1	3
1008.8	+4	S	5	c	60	95	7	5	7	-	4-6	9+	2500	1	3
1014.3	-6	S	4	bc	64	85	6	8	-	1	4-6	4-6	2500	1	3
1008.2	-4	S	4	o/r	61	95	7	5	-	-	10	10	2500	1	3
1008.3	-6	SSE	4	c/r	62	85	7	5	7	8	7-8	10	4000	0	2
1011.6	-2	SE'E	2	3o	59	85	5	5	2	-	7-8	10	1500	0	*
1010.9	+2	SE'E	3	0	59	85	5	5	-	-	10	10	1500	0	*
1012.0	0	SE'S	3	3o	62	85	5	5	-	-	10	10	1500	0	*
1013.7	-6	SE	3	0	58	95	5	5	-	-	10	10	2500	1	*
1014.6	-8	SSE	6	c	61	95	6	5	2	-	4-6	7-8	2500	0	5
1013.2	-14	SE'S	3	0	59	95	6	6	-	-	10	10	800	0	*
1013.8	-16	SE	4	0	57	95	6	6	-	-	10	10	1500	1	3
1012.6	-16	E	3	c	56	95	8	5	-	-	10	10	1500	1	2
1013.6	-20	ESE	5	RR	55	95	4	6	2	-	9+	10	450	1	*
1010.6	-18	E	3	3o	55	95	5	6	2	-	9+	10	4000	1	*
1011.4	-12	SE	4	1r	56	95	6	6	2	-	4-6	10	1500	1	5
1007.2	-10	SE'E	5	rr	56	95	6	6	-	-	10	10	800	1	4
1011.0	-24	ESE	4	r r	54	85	7	8	2	-	4-6	10	1500	1	2
1013.2	-24	S	4	rr	51	95	7	3	4	-	4-6	10	1500	1	*
1016.4	-16	SE'E	4	c	55	95	7	5	2	-	9+	10	2500	0	2
1017.4	-20	ESE	5	c	55	85	7	8	1	-	7-8	10	1500	1	3
1020.7	-8	E'N	2	c	53	75	8	5	1	-	7-8	9+	2500	0	*
1004.0	+10	S	3	rr	55	95	8	3	-	-	9	9	1500	1	2
1005.4	0	SE	3	r	57	95	7	6	2	-	7-8	10	800	1	1
1007.4	0	SE'E	3	c/r	58	95	7	5	2	-	7-8	10	1500	1	*
1008.0	+2	SSE	3	c	58	95	7	5	-	-	9	9	1500	1	2
1005.0	0	SE	1	rr	57	95	7	6	-	-	10	10	1500	1	*
1005.5	+10	SW	1	c	53	95	8	5	-	-	9	9	1500	1	2
1005.7	-16	SE	2	rr	57	95	6	6	-	-	10	10	1500	1	3

PAST 24 HOURS.

District	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)
1	London (Kew)	69	59	53	-	-	6.3
	Croydon	69	57	53	-	-	5.9
	S. Farnborough	70	57	51	-	-	5.4
	Boscombe Down	67	58	56	-	-	4.0
	Calshot (S'thmtn)	66	64	54	-	-	5.0
	Lympne	65	59	56	-	-	7.2
	Manston	65	60	58	-	-	5.9
2	Shoeburyness	66	60	56	-	-	5.0
	Felixstowe	65	61	58	Tr	-	3.3
	Gorleston	63	61	60	-	-	1.5
	Cranwell	67	54	51	-	-	0.4
3	Birmingham	65	56	54	-	-	0.2
	Upper Heyford	66	56	53	-	-	*
4	Ross-on-Wye	66	60	58	-	Tr	0.9
5	Portland Bill	64	62	*	-	-	*
	Plymouth	66	60	60	Tr	0.4	3.2
	The Lizard	64	59	*	Tr	1	*
	Scilly (St. Mary's)	63	59	*	2	0.3	1.1
	Guernsey	69	61	59	-	-	8.7
6	Pembroke	64	57	*	0.6	1	0.0
7	Holyhead	65	61	57	Tr	Tr	0.3
	Chester (Sealand)	67	58	53	-	-	0.2
8	L'pool (Bidston)	63	57	56	-	-	0.1
	Manchester	65	58	56	-	-	0.3
9	Harrogate	61	55	52	-	0.1	0.1
10	Spurn Head	62	59	*	-	-	2.6
	Catterick	62	56	53	-	-	0.3
	Tynemouth	60	55	52	-	-	*
11	Inchkeith	60	54	49	-	4	3.1
	Leuchars	60	55	52	Tr	9	3.6
12	Renfrew (Abbotsh)	65	53	52	-	14	2.1
	Eskdalemuir	60	52	50	-	5	3.0
13A	Tiree	61	53	46	-	4	1.0
13B	Stornoway	63	53	*	-	3	11.0
15	Dalwhinnie	59	49	45	-	3	4.5
	Aberdeen	62	56	53	-	-	7.6
	Wick	58	52	49	-	-	*
16	Lerwick	59	53	*	-	-	11.5
17	Blacksod Point	61	54	*	0.4	6	*
18	Malin Head	60	55	*	-	7	0.3
	Aldergrove	62	57	54	Tr	8	0.3
	Doneghadee	60	56	*	-	9	*
19	Birr Castle	61	56	54	0.6	7	0.0
20	Valentia Obsy.†	62	53	52	8	10	0.0
	Roches Point	59	56	*	14	11	*

LONDON OBSERVATIONS.

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

	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.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew	18	bc3bcy	bcyc	c3,cmw	63	53	53	-	-	6.3	*	*	7
Croydon	217	bcmc	bcyc	bwcm0	63	51	53	-	-	5.9	*	*	6
Greenwich (Royal Observatory)	149	cy	cbcoy	bcmwb	63	57	52	-	Tr	4.5	54	73	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	71	60	56	-		3.8			*
Regents Pk. (Botanic Gardens)	168	*	*	*	71	59	52	-	-	4.0	61	75	*
Camden Square	110	c	cbc	*	69	58	52	-	-	*	*	80	*
Kensington	80	bc	bc	*	71	59	48	-	-	4.6	At 18h. 71	73	*
Hampstead Observatory	450	bc	bc	*	66	56	49	-	-	4.2	*	90	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.8	8 hrs. 6th.	<0.3	10-24 hrs. 6th.

Kew Observatory. Max.	Time.	Min.	Time.
0.2	4 hrs. 7th.	<0.1	12 hrs. 6th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 6th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 7th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017.5	ESE	1	bc	73	1017.4	E	1	c3o	63
Brussels	1020.3	ENE	2	c	63	1018.3	SE	3	c	61
Berlin	1021.7	NW	2	c	63	1022.8	NW'W	1	cm	59
Zürich	1021.1	NNE	2	bc	70	1022.9	ESE	1	bcm	55
Rome	1020.2	N	3	bc	77	1020.9	NNE	1	b	66

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
77	57	-	-
68	55	-	-
68	57	Tr	-
79	55	-	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 ,,	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.

† Hr. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 8th September 1934.

No. 26588

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

District	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)
1	London (Kew)	1014.0	-18	S	2	c	78	65	8	2	3	-	Tr	7.8	4000
	Croydon	1014.7	-10	SE	2	c	76	65	7	-	3	-	0	9	-
	S. Farnborough	1013.7	-18	SSW	3	c	79	68S	7	1	3	-	Tr	7.8	5700
	Boscombe Down	1013.5	-10	S'E	3	c	71	75	7	5	3	-	4.6	7.8	2500
	Calshot. S'thmtn	1014.8	-8	E'S	3	c	69	85	8	1	8	1	1	7.8	2500
	Lympne	1016.1	-10	SE'S	2	bc	68	85	6	-	5	9	0	4.6	-
	Manston	1015.3	-10	ESE	3	bc	74	75	7	-	3	-	0	4.6	-
2	Shoeburyness	1015.0	-10	E	2	bc	75	85	6	4	7	1	2.3	4.6	5700
	Felixstowe	1015.9	-6	SE	3	3o	68	85	6	2	3	1	4.6	4.6	5700
	Gorleston	1015.7	-4	SE'S	4	bc	67	85	5	-	-	8	c	4.6	-
	Cranwell	1014.0	-10	S'E	4	c	72	75	7	1	3	1	4.6	7.8	2500
3	Birmingham	1012.6	-2	S	4	bc	73	55	8	1	-	9	2.3	4.6	2500
	Upper Heyford	1014.2	-4	S	3	c	70	75	6	7	3	-	7.8	7.8	1500
4	Ross-on-Wye	1012.0	-6	S'W	2	bc	74	55	8	8	6	-	4.6	4.6	4000
5	Portland Bill	1013.9	-8	SSW	3	c	68	85	8	4	4	-	4.6	7.8	2500
	Plymouth	1012.3	-2	SSE	4	5s	66	95	8	5	3	9	2.3	4.6	<150
	The Lizard	1011.8	0	S	4	c	63	95	7	4	2	-	7.8	9+	2500
	Scilly (St. Mary's)	1010.7	0	S	3	c/6	61	95	6	5	7	-	7.8	9+	1500
	Guernsey	1013.9	-8	-	0	bc	72	75	9	-	7	-	0	2.3	-
6	Pembroke	1010.0	+4	SSW	3	3o	61	95	6	5	-	-	9+	9+	2500
7	Holyhead	1009.4	+16	SSW	5	c	63	85	7	5	3	8	7.8	9+	800
	Chester (Sealand)	1011.0	-4	S'E	2	c	75	55	8	8	7	1	4.6	7.8	2500
8	L'pool (Bidston)	1010.5	-2	SSW	4	c	70	65	9	8	-	8	4.6	9	2500
	Manchester	1011.5	-4	S	4	3o	69	75	6	1	7	-	1	7.8	1500
9	Harrogate	1012.2	-6	SSE	3	c	67	75	6	6	2	-	7.8	9+	2500
10	Spurn Head	1014.2	-2	S	5	c	67	85	6	7	7	-	4.6	7.8	2500
	Catterick	1011.5	-14	SSE	3	o	67	75	5	5	-	-	10	10	800
	Tynemouth	1011.0	-12	SSE	2	o	60	85	6	6	-	-	10	10	1500
11	Inchkeith	1010.5	-18	SSE	3	3o	62	85	6	5	-	-	9+	9+	1500
	Leuchars	1009.6	-14	E	3	o	58	95	6	6	-	-	10	10	220
12	Renfrew (Abbotsi.)	1007.7	-12	SSE	2	c/r	63	95	6	8	2	-	9	9+	1500
	Eskdalemuir	1009.2	-8	S'E	4	ir6	61	85	5	6	2	-	7.8	10	800
13A	Tiree	1005.6	-8	SE'S	4	c/r	58	95	7	5	-	-	9+	9+	2500
13B	Stornoway	1006.5	-20	SE	4	rr	55	95	6	5	2	-	9	10	800
15	Dalwhinnie	1007.3	-22	S	4	r6	55	95	5	4	-	-	10	10	450
	Aberdeen	1011.7	-36	SE	6	3r	57	95	6	6	2	-	7.8	10	1500
	Wick	1011.5	-36	ESE	6	rr	55	95	6	9	1	-	7.8	10	1500
16	Lerwick	1019.2	-20	SE	3	c	54	85	8	8	2	-	4.6	10	1500
17	Blacksod Point	1006.1	+8	W	3	bc	60	85	9	2	-	-	4.6	4.6	2500
18	Malin Head	1005.3	+2	W	3	ir6	57	95	7	6	-	-	9+	9+	800
	Aldergrove	1006.4	+2	SSE	2	r6	60	95	8	9	-	3	9	9+	800
	Donaghadee	1007.1	-2	S	3	c	62	95	8	5	-	-	7.8	7.8	1500
19	Birr Castle	1007.4	+12	WSW	2	c	62	75	8	8	-	8	7.8	9+	2500
20	Valentia Obsy.	1007.2	+6	S'E	4	bc	62	65	9	7	7	6	2.3	4.6	2500
	Roches Point	1009.0	+10	SW	2	bc	58	95	8	3	-	4	2.3	4.6	2500

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

District	Stations (For heights see p. 4.)	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)
1	London (Kew)	1011.5	-16	S'E	2	b	77	65	8	1	8	-	Tr	1	4000	0	*
	Croydon	1012.1	-18	-	0	b	76	55	8	1	8	-	Tr	1	4000	0	*
	S. Farnborough	1011.1	-14	S'E	2	c	75	75	7	5	3	-	7.8	7.8	4000	0	*
	Boscombe Down	1011.2	-8	S	2	c	69	85	8	5	3	-	4.6	7.8	4000	0	*
	Calshot. S'thmtn	1012.0	-18	E	2	c	68	85	8	8	4	-	7.8	9	1500	0	1
	Lympne	1012.3	-18	E	3	bc	74	75	6	-	8	9	0	4.6	-	1	§1
	Manston	1011.9	-22	ESE	3	bc	71	85	6	1	3	-	4.6	4.6	4000	0	*
2	Shoeburyness	1012.2	-18	E'S	2	bc	69	95	6	7	3	-	Tr	2.3	7200	0	*
	Felixstowe	1012.8	-20	ENE	2	3o	68	85	5	4	-	-	4.6	4.6	7200	0	1
	Gorleston	10137	-6	SE'E	1	m	67	95	4	4	3	-	2.3	4.6	2500	0	2
	Cranwell	1012.0	-12	-	0	3o	72	85	6	5	7	-	4.6	9+	2500	1	*
3	Birmingham	1010.9	-8	S	2	bc	73	55	8	5	9	-	1	4.6	2500	1	*
	Upper Heyford	1011.5	-12	-	0	c	72	75	8	7	7	1	2.3	9	1500	0	*
4	Ross-on-Wye	1010.6	-8	SW'W	1	b	72	65	8	5	-	-	1	1	4000	0	*
5	Portland Bill	1011.9	-18	ESE	3	c	64	95	7	4	-	1	4.6	7.8	2500	0	2
	Plymouth	1010.4	-12	S'E	3	0	63	95	8	5	-	-	10	10	1500	1	2
	The Lizard	1009.4	-10	SE	3	bc	61	95	7	8	4	-	2.3	4.6	2500	0	2
	Scilly (St. Mary's)	1007.5	-12	S'E	4	c/d.	60	95	6	5	-	-	7.8	7.8	1500	1	3
	Guernsey	1011.8	-12	-	0	bc	66	85	9	5	-	-	4.6	4.6	4000	1	2
6	Pembroke	1008.2	-4	S	2	6c	61	95	6	5	-	-	10	10	2500	1	2
7	Holyhead	1009.5	0	S	3	16	60	85	7	5	2	8	4.6	9+	4000	1	2
	Chester (Sealand)	1010.4	-6	-	0	bc	70	65	8	7	3	-	2.3	4.6	2500	0	*
8	L'pool (Bidston)	1010.4	0	W	2	c	68	75	8	-	7	8	0	7.8	-	0	*
	Manchester	1010.5	-6	S	1	bc	72	65	7	-	3	-	0	4.6	-	0	*
9	Harrogate	1011.1	-6	SSW	1	b	69	75	5	5	8	-	Tr	Tr	1500	0	*
10	Spurn Head	1012.2	-6	SSE	3	c	63	95	6	5	2	-	4.6	7.8	4000	0	2
	Catterick	1010.6	-6	SSE	1	c	69	75	6	5	5	-	4.6	7.8	2500	0	*
	Tynemouth	1010.6	+4	S	3	c	68	75	6	4	-	-	7.8	7.8	4000	1	2
11	Inchkeith	1009.1	-4	SSW	3	c	64	75	8	4	9	-	1	9+	4000	0	2
	Leuchars	1008.8	0	SSE	4	c	64	85	7	5	-	7	4.6	9	4000	1	*
12	Renfrew (Abbotsi.)	1008.3	+4	SSW	2	c	62	85	7	8	-	-	10	10	2500	1	*
	Eskdalemuir	1010.0	+4	S'W	4	c	59	85	7	5	2	8	4.6	7.8	1500	1	*
13A	Tiree	1007.3	+14	W'S	1	c	58	85	8	5	9	8	1	9	2500	1	2
13B	Stornoway	1006.0	0	SW	3	c	56	85	8	8	7	-	4.6	7.8	1500	1	2
15	Dalwhinnie	1007.6	+2	S	2	c	59	85	8	4	2	-	4.6	10	2500	1	*
	Aberdeen	1009.7	-4	S	3	3o	57	95	5	5	-	-	10	10	450	1	3
	Wick	1007.5	-16	S	5	o	57	95	5	5	-	-	10	10	800	1	4
16	Lerwick	1012.1	-30	SE	5	rr	55	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	1005.8	-2	-	0	bc	59	95	8	1	5	-	1	4.6	5700	0	2
18	Malin Head	1006.9	+10	-	0	c	56	95	7	5	7	-	1	9+	1500	1	0
	Aldergrove	1007.7	+8	S	3	c	61	95	9	9	2	-	7.8	10	1500	1	*
	Donaghadee	1008.0	+2	SW	2	c	62	95	7	5	-	-	9	9	1500	0	1
19	Birr Castle	1006.8	-4	S	1	c	60	85	8	6	2	-	1	10	2500	1	*
20	Valentia Obsy.	1004.3	-18	SE	4	c	59	75	9	5	7	-	4.6	9+	1500	1	3
	Roches Point	1007.2	-12	SW	2	ir6	58	95	7	6	-	-	7.8	7.8	2500	1	3

PAST 24 HOURS. WEATHER.

District	7h.–13h. 7th (37)	13h.–18h. 7th (38)	18h. 7th to 1h. 8th (39)	1h.–7h. 8th (40)
1	cbcc	cbcb	b	bbcw
	bm$_o$3$_o$c	cbcy	bybm$_o$w	bbcw
	cbccbc	bcbbc	bccwbc	bcbbc
	bcm$_o$	bccv	bcb	b pr$_o$c
	bccbc	bccc	cbcbw	bwbc
	bcm$_o$	bc	b	bwbm$_o$
	bcm$_o$bc	bcm$_o$	bw$_o$	bw$_o$
2	bcm$_o$	bcbm$_o$	bm$_o$	b
	c3$_o$bc3$_o$	bc3$_o$	bc3$_o$bw3$_o$	bw3$_o$
	cbcq3	bcqcm	bcm$_o$q	bqwb
	ccbc	bcc	cm$_o$bc	bwbc
3	obc	bc	bc	bc
	od$_o$mc	cbcc	cbcbw	bbc
4	cbc	bcyb	b	bcybcbc
5	c	c	bcb	bbcc
	cm$_o$bc	bcco	oirbc	bcb, c
	c	cbc	bc	bcq
	cir$_6$	omd$_o$	cp$_o$bc	cpbc
	bc	bcw	bcw	bbccw
6	cm$_o$id$_o$c	oid$_o$m$_o$o	cbcqPRf	bcqy
7	id$_o$R	ccir$_6$	cr$_o$c	bcb
	m$_o$c3$_o$	cbcy	bcbw	bcc
8	m$_o$c	cpobc	bcc	cbc
	cm$_o$3$_o$	cbc	bcw	bcw
9	oc	cb	bbc	bccq
10	cbc	c	3c	fw.
	om$_o$o3$_o$	c3$_o$	c3$_o$	o f bc
	oror	oc	cbc	bcm
11	c3$_o$	c3$_o$	coicd$_o$	oc3$_o$c
	oirom$_o$	om$_o$pr$_o$c	cr$_o$r cm$_o$	w fec m$_o$
12	comcr	cm$_o$r$_o$	cr$_o$r$_o$c	pr$_o$bcq
	ir$_6$cm$_o$	cpre	c	cir$_o$
13A	oirrr	c	cir	RR
13B	crr	crrc	bcc	crr
15	ir	ir	*	ir
	crrc3$_o$	com$_o$q	om$_o$cm$_o$	co ff e
	crr	crrom	cm$_o$c	om$_o$rr
	c	corrm$_o$	ocrrffe	FFe
17	cbc	bc	pr$_o$c	PRc
18	cir$_6$	cpr$_6$	orr	oRr
	crrr$_o$RR	cr$_o$r$_o$c	crr	orrcr$_o$
	c	c RR	cir$_o$c	rrbc
19	irc	c	cirrr	rrbc
20	cbc	bcc	rrRr	irir$_o$
	orbc	cir$_6$	Rorr	orrbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, " less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r). "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_{oo}$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb–St).
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.

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

§ Sea disturbance reported from Dungeness.

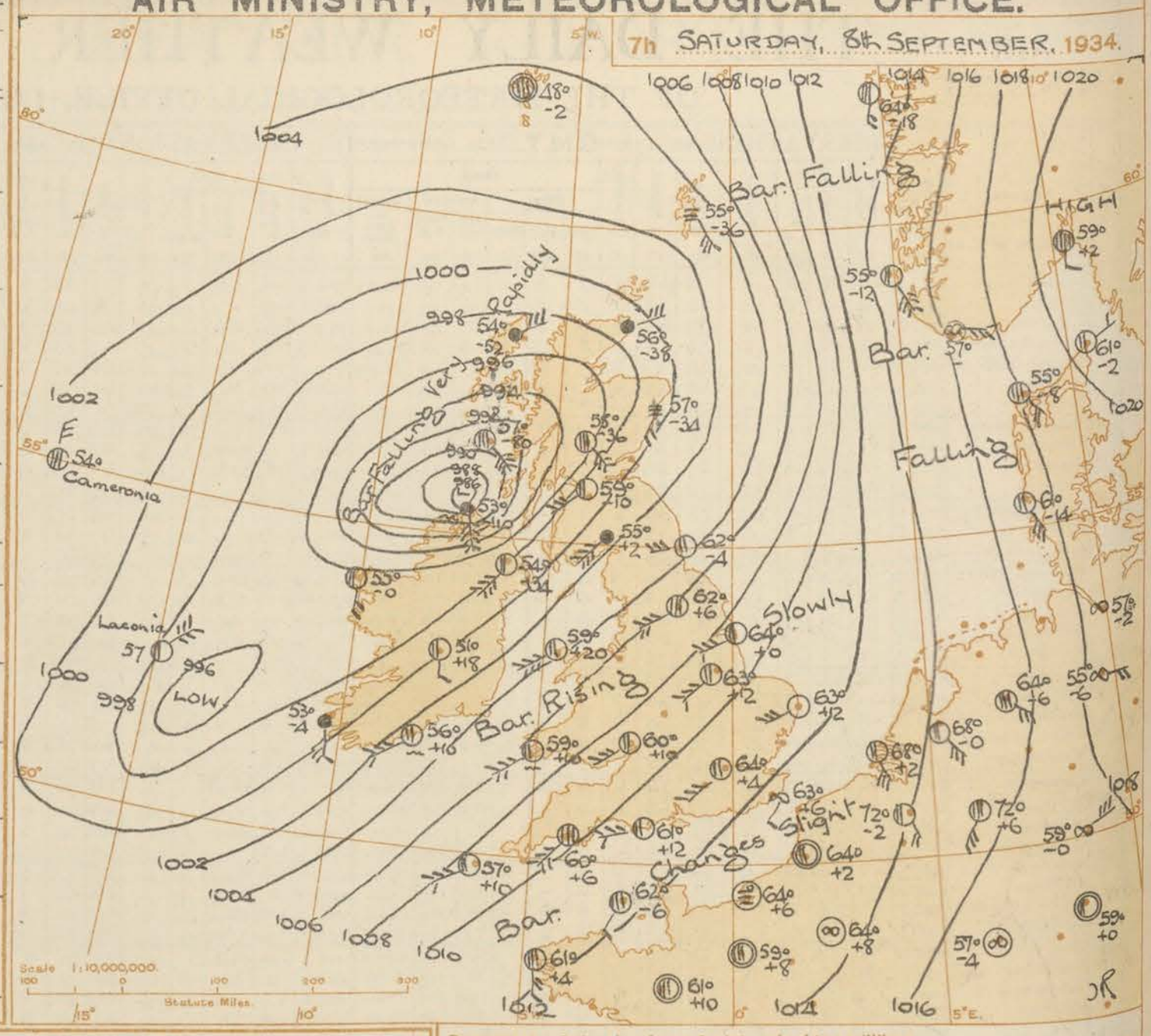
REPORTS from HEALTH RESORTS for 7th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 6th to 9h. 7th.	Temperature. Max. 9h.—17h. 7th.	Rainfall. Night. 17h. 6th to 9h. 7th.	Rainfall. Day. 9h.—17h. 7th.	Sunshine. Sunrise to 17h. 7th.	Sunshine. Sunrise to Sunset. 6th.
1	Tunbridge W.	b	b	57	82	-	-	9.9	8.0
	Bournemouth	obc	bc	60	73	-	-	6.0	5.5
	Ventnor ...	bc	bco	62‡	73	-	-	8.5	8.9
	Southsea ...	bcb	b	62	73	-	-	7.8	5.4
	Bognor Regis	bc	bcb	61	71	-	-	7.8	6.7
	Littlehampton	bc	bc	62	76	-	-	9.0	6.2
	Worthing ...	bc	b	61	71	-	-	9.0	7.4
	Brighton ...	b	b	60	73	-	-	10.2	7.1
	Eastbourne†	bcb	bbcb	62	74	-	-	8.6	6.9
	Hastings† ...	bcb	bbc	61	77	-	-	9.9	8.0
	Folkestone ...	b	bc	60	76	-	-	9.0	6.5
	Dover... ...	bc	bc	60	76	-	-	9.9	4.2
	Deal	b	b	60	77	-	-	9.0	6.8
	Ramsgate ...	bm	bm	61	74	-	-	9.3	5.9
	Margate ...	bc	bc	61	80	-	-	9.3	5.9
2	Southend ...	bbc	bcb	60	81	Trace	-	9.4	5.5
	Maldon ...	3b	b	60	83	-	-	8.7	4.0
	Clacton-on-Sea	cbc3	bc3	61	69	-	-	7.0	3.9
	Dovercourt ...	bcmw	bmbc	61	71	-	-	7.0	4.7
	Lowestoft ...	bm.b	bbcb	60	71	-	-	6.0	2.4
	Skegness ...	obcb	bbc	58	77	-	-	6.1	2.8
	Mablethorpe	cbc	bcm.	59	78	-	-	5.9	2.7
	Cleethorpes...	cm.	bbc	58	76	-	-	6.5	2.9
3	Leamington S.	oc	bcc	57	77	-	-	6.5	1.1
4	Cheltenham†	cbcb	bbc	58	74	-	-	7.6	1.7
5	Bath	b	b	59	77	-	-	9.3	2.6
	Weymouth ...	cb	bcb	62	73	-	-	4.0	4.2
	Jersey ...	cbc	bcc	61	76	-	-	6.3	8.7
	Torquay ...	p.cb	b	60	68	0.2	-	8.2	3.5
	Penzance ...	crc	cb	58	64	2	Trace	0.8	1.4
	St. Ives ...	o	p	57	65	6	Trace	0.8	1.8
	Bude	c	cbc	59	69	-	-	0.3	1.9
	Ilfracombe ...	bcc	cbcc	59	74	-	-	3.2	0.6
6	Aberystwyth	oc	cp.c	59	68	-	0.3	0.0	0.3
7	Llandudno ...	d.c	cd.c	55	70	-	Trace	0.0	0.0
	Colwyn Bay...	cbc	bcdbc	59	73	-	-	0.2	0.0
	Rhyl	c	c	56	73	-	-	0.5	0.0
8	Wallasey ...	c	cbc	55	75	-	-	0.5	0.0
	Southport‖ ...	o	oc	58	71	-	-	0.0	0.2
	Blackpool ...	oc	c	56	72	-	-	0.2	0.2
	Morecambe ...	c	cbbcc	58	73	-	-	0.2	1.4
9	Ilkley... ...	o	c	54	73	-	-	0.9	0.1
10	Berwick-on-T.	o	oc	53	68	0.3	-	0.0	2.6
11	Dunbar ...	c6.	bc	54	68	1	-	0.1	2.9
12	Troon... ...	oc3oc	coc	56	62	6	-	0.7	2.0
	Douglas ...	cmrc	cbom	56	62	4	1	0.2	0.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SATURDAY, 8th SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th Sept. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate southwest wind, backing south, perhaps freshening; fair at first; perhaps occasional rain tomorrow with thundery tendency; warm, but less warm than yesterday.
5. S.W. England 6. South Wales 7. North Wales	Wind backing south, fresh or strong, perhaps veering tomorrow; mainly cloudy, occasional rain; average temperature.
8. N.W. England 9. N Midlands 10. N.E. England	Moderate or fresh southwest wind; bright intervals, local showers, perhaps more cloud and occasional rain later; rather warm.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Strong southwest wind, moderating later; bright intervals, showers; average temperature.
13. A. W. Scotld. 13. B. N.W. Scotland 14. Mid-Scotland	Wind becoming westerly, gale, decreasing to strong or fresh wind; rain then showers; average temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Wind south to southwest, strong to gale, tending to moderate later; showers, bright intervals; average temperature.
17. N.W. Ireland 18. N.E. Ireland	Wind southwest to west, moderating quickly; showers, bright intervals; average temperature.
19. S.E. Ireland 20. S.W. Ireland	Wind south to variable or northwest, fresh locally; cloudy, some rain, bright intervals later; average temperature.

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

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ 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. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⅋ Thunderstorm. ∞ Slight haze.
Sea Disturbance.—Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An intense depression off North Ireland is moving north and an old depression off Southwest Ireland is drifting east-southeast and is likely to fill up. A secondary off Northwest Spain will move northeast. Weather will be of an unsettled type though fair at first in the Southeastern area. Gales will occur today in Scotland.

FURTHER OUTLOOK.

Unsettled, but bright intervals in most districts; thundery tendency; becoming cooler in the Southeast.

Time of Issue of Gale Warnings.

South Cone at 0210 on 8th in 5 and 6.
South Cone at 0850 on 8th in 11, 13a, 13b, 15, 16 and 18.

Forecasts issued at 0935 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.

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

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

Saturday, 8th September 1934.

No. 26588

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

Dist.	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)	°F. Temp. (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)
1	London (Kew)...	18	*	*	*	*	*	*	95	*	*	*	*	*	*	*
	Croydon ...	217	1010·8	+2	S'W	3	b	65	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012·0	+10	S'W	2	b	65	95	8	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1009·9	-20	SSE	5	q	66	95	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1009·1	-10	SSW	4	b	64	85	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1007·8	+18	SSW	5	bc	59	85	8	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	1006·1	+22	SW'S	6	bc	59	85	8	8	4	-	2-3	4-6	2500
	Guernsey ...	175	1011·6	-4	SSW	4	b	65	85	8	-	-	-	0	0	-
6	Pembroke ...	142	1001·9	-28	S	7	c/pr	62	95	7	5	-	-	10	10	2500
7	Holyhead ...	26	1001·9	-40	SSE	5	bc	63	85	7	5	-	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007·3	-16	SSE	6	bc	63	95	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1006·8	-26	S	2	bc	56	95	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1007·2	-30	ESE	1	0	58	95	8	6	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1006·6	0	N	1	c	50	95	8	5	-	-	9	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1007·6	-4	SW	2	c	55	95	7	5	1	-	4-6	7-8	1500
16	Lerwick ...	54	1008·8	0	S	4	f	54	95	2	5	-	-	10	10	1500
17	Blacksod Point	18	999·8	-32	SE	4	c	56	95	7	8	-	-	10	10	800
18	Malin Head ...	52	1001·4	-42	ENE	3	r	57	95	7	6	-	-	10	10	800
	Aldergrove ...	288	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	999·1	-14	S	2	c	54	95	7	9	-	-	9+	9+	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dist.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)...	1011·4	+6	SSW	2	bc	64	85	8	2	9	8	1	4·6	2500	0	*
	Croydon ...	1011·4	+4	S'W	3	bc	64	85	7	1	8	1	Tr	4·6	4000	0	*
	S. Farnborough	1011·1	+6	SW	3	c	65	85	8	2	6	8	2-3	7·8	2500	0	*
	Boscombe Down	1011·0	+16	SSW	3	c	59	95	7	8	1	-	7·8	9	2500	1	*
	Calshot, (S'thmtn)	1011·3	+4	SW'S	3	c	64	85	7	5	4	1	2-3	7·8	1500	0	1
	Lympne ...	1013·0	+6	SSW	1	3o	63	95	6	5	-	-	1	1	450	*	§1
	Manston ...	1011·8	+8	S	2	b	65	95	7	-	-	-	0	0	-	0	*
2	Shoeburyness	1011·8	+8	SW	3	b	67	85	7	-	7	-	0	Tr	-	0	*
	Felixstowe ...	1011·7	+14	SW'S	2	3o	66	85	6	-	-	1	0	Tr	-	0	1
	Gorleston ...	1011·2	+12	SW'S	3	b	63	95	6	-	-	-	0	0	-	0	2
	Cranwell ...	1009·0	+12	SSW	4	bc	63	85	8	5	3	5	1	4·6	4000	0	*
3	Birmingham ...	1009·2	+14	SSW	4	bc	61	75	8	8	7	1	2-3	4·6	1500	1	*
	Upper Heyford	1010·1	+10	S'W	3	c	61	85	8	7	7	8	4·6	7·8	2500	0	*
4	Ross-on-Wye ...	1009·2	+10	SW	3	bc	60	75	8	7	-	2	2-3	2-3	4000	0	*
5	Portland Bill...	1010·7	+12	WSW	2	c	61	85	7	5	7	-	4·6	7·8	2500	0	3
	Plymouth ...	1009·7	+6	SSW	5	c	60	95	7	8	4	6	2-3	7·8	1500	1	3
	The Lizard ...	1009·3	+12	SW	5	bc	59	85	8	8	-	-	4·6	4·6	2500	0	3
	Scilly (St. Mary's)	1008·3	+10	SW	4	bc	57	85	8	3	7	-	2-3	2-3	2500	1	3
	Guernsey ...	1011·7	-6	SSW	1	c	62	85	7	8	-	-	7·8	7·8	4000	0	2
6	Pembroke ...	1005·2	+10	SW	5	bcq	59	75	7	5	-	-	2-3	2-3	2500	1	4
7	Holyhead ...	1008·8	+20	SW'S	6	bcjp	59	75	8	2	-	1	2-3	2-3	1500	1	3
	Chester (Sealand)	1006·6	+14	S'E	2	bc	60	75	8	5	3	1	1	2-3	1500	0	*
8	L'pool (Bidston)	1007·0	+16	S'W	3	bc	58	75	9	7	-	9	2-3	2-3	4000	0	*
	Manchester	1007·4	-20	SSW	4	bc	60	75	8	8	7	-	2-3	4·6	2500	0	*
9	Harrogate ...	1006·5	+6	SW	5	cq	62	75	8	3	7	9	1	9	2500	0	*
10	Spurn Head ...	1008·4	0	SW	4	bc	64	85	7	4	3	-	2-3	4·6	4000	1	3
	Catterick ...	1005·0	+4	SW'S	5	cq	64	75	8	6	7	-	2-3	7·8	1500	0	*
	Tynemouth ...	1003·5	-4	WSW	3	bc	62	95	6	2	6	-	4·6	4·6	2500	1	2
11	Inchkeith ...	1001·8	-42	SW	3	c	60	95	7	8	-	-	9+	9+	2500	0	1
	Leuchars ...	1000·2	-22	ENE	1	c	58	95	6	5	-	-	9+	9+	800	1	*
12	Renfrew (Abbotsl)	999·1	-10	SSW	4	bcq	59	75	7	8	-	1	4·6	4·6	1500	1	*
	Eskdalemuir ...	1002·3	+2	SSW	6	ir.	55	85	7	6	2	-	7·8	10	1500	1	
13A	Tiree	992·1	-80	SE'E	6	c/r	57	95	6	6	8	-	9	9+	800	1	3
13B	Stornoway ...	997·4	-52	NE	3	rr	54	95	6	5	-	-	10	10	800	1	1
15	Dalwhinnie ...	992·7	-42	SE	6	c	58	85	5	3	2	-	7·8	10	800	1	*
	Aberdeen ...	993·7	-34	S'W	2	F	57	95	1	5	-	-	10	10	<150	1	1
	Wick	998·7	-38	ENE	3	rr	56	95	5	6	-	-	10	10	800	1	2
16	Lerwick ...	1003·2	-32	SE	4	F	55	95	1	5	-	-	10	10	<150	1	*
17	Blacksod Point	997·1	0	S	2	c	55	95	8	8	-	-	10	10	800	1	3
18	Malin Head ...	985·4	-110	S	8	rr	53	95	6	6	-	-	9+	9+	800	2	4
	Aldergrove ...	998·5	+34	S'W	6	bcq	54	85	8	3	-	-	4·6	4·6	800	1	*
	Donaghadee ...	998·7	+20	SW	5	bc	56	85	8	8	3	-	4·6	4·6	1500	1	3
19	Birr Castle ...	1000·5	+18	S	1	bc	51	95	8	-	4	-	0	2·3	-	1	*
20	Valentia Obsy.†	999·5	-41	S	4	ir.	53	95	6	6	2	-	7·8	10	800	1	3
	Roches Point...	1003·3	+10	SW	4	bc	56	85	8	3	-	-	4·6	4·6	2500	1	5

PAST 24 HOURS.

Dist.	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 7th Hrs. (36)
1	London (Kew)...	79	62	55	-	-	9·7
	Croydon ...	80	61	57	-	-	9·5
	S. Farnborough	80	60	48	-	-	7·9
	Boscombe Down	73	57	55	-	0·1	4·3
	Calshot, (S'thmtn)	74	61	56	-	-	5·8
	Lympne ...	76	61	56	-	Tr	5·8
	Manston ...	78	61	56	-	-	10·0
2	Shoeburyness	78	62	55	-	-	9·6
	Felixstowe ...	71	64	61	-	-	7·3
	Gorleston ...	69	62	61	-	-	6·2
	Cranwell ...	74	62	59	-	-	3·5
3	Birmingham ...	76	60	58	-	-	6·4
	Upper Heyford	75	60	50	Tr	-	*
4	Ross-on-Wye ...	77	59	51	-	-	8·4
5	Portland Bill...	69	61	*	-	-	*
	Plymouth ...	66	59	56	-	Tr	6·1
	The Lizard ...	64	57	*	-	-	*
	Scilly (St. Mary's)	62	57	*	01	1	0·0
	Guernsey ...	75	61	59	-	-	9·9
6	Pembroke ...	62	58	*	0·2	0·53	0·0
7	Holyhead ...	65	58	56	2	1	0·3
	Chester (Sealand)	75	52	45	-	-	1·3
8	L'pool (Bidston)	71	58	56	Tr	-	0·0
	Manchester	75	60	50	-	-	1·8
9	Harrogate ...	71	61	56	-	-	1·1
10	Spurn Head ...	72	61	*	-	-	5·5
	Catterick ...	71	55	47	-	-	0·5
	Tynemouth ...	69	56	53	1	-	*
11	Inchkeith ...	65	55	53	-	Tr	0·7
	Leuchars ...	66	55	53	2	0·2	0·1
12	Renfrew (Abbotsl)	65	56	54	0·6	2	0·1
	Eskdalemuir ...	63	55	53	1	0·5	0·0
13A	Tiree	60	51	45	5	18	2·4
13B	Stornoway ...	59	49	*	10	7	1·0
15	Dalwhinnie ...	60	52	45	3	5	0·3
	Aberdeen ...	58	55	54	11	Tr	0·0
	Wick	57	55	*	5	7	*
16	Lerwick ...	55	54	*	1	0·4	0·0
17	Blacksod Point	60	53	*	Tr	6	*
18	Malin Head ...	60	53	*	3	18	1·4
	Aldergrove ...	63	53	51	21	9	0·5
	Donaghadee ...	65	55	*	10	11	*
19	Birr Castle ...	63	50	47	1	13.20	1·8
20	Valentia Obsy.†	62	51	47	-	15	5·6
	Roches Point...	59	54	*	2	20	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	cbcc	cbcb	bbcw	79	62	55	-	-	9·7	*	*	8
Croydon	217	bm3o3c	cbcy	ybmw	80	61	57	-	-	9·5	*	*	8
Greenwich (Royal Observatory) ...	149	bbcy	bcyb	bm3wc	83	61	55	-	-	9·3	56	67	7
City (Bunhill Row)	—				*	*	*	*	*	8·2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	81	64	57	-		8·3	60	72	*
Regents Pk. (Botanic Gardens) ...	108	*	*	*	81	64	59	-	-	9·1	55	71	*
Camden Square	110	bc	cb	*	82	64	56	-	-	*	*	69	*
Kensington	80	bc	bc	*	80	63	54	-	-	8·5	At 18h. 47	70	*
Hampstead Observatory	450	bc	b	*	79	60	53	-	-	9·0	*	87	*

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

South Kensington.

Max.	Time.	Min.	Time.
Defective		Record	

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	21 hrs 16h.	<0·1	10-15 hrs 16h.

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1012·5	S	1	b	75
Brussels	1014·8	S	3	b	77
Berlin	1021·3	NE'N	1	bc	64
Zürich	1020·3	SSE	1	bc	73
Rome	1018·7	NW	3	bc	70

7h. G.M.T. 8th September

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1013·1	-	0	bc3o	64
1013·0	SE'S	2	bc	72
1021·4	-	0	bm/f	61
1018·6	-	0	F	57

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
90	61	-	-
88	68	-	-
70	50	-	-
84	55	-	-
x	x	-	

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. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 9th Sept 1934.

No. 26589

OBSERVATIONS at 13h. G.M.T. 8th September

OBSERVATIONS at 18h. G.M.T. 8th September

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	13h. Barom. at M.S.L. mb. (1)	13h. Change in 3 hours. (2)	13h. Wind. Direc. (3)	13h. Wind. Force 0-12 (4)	13h. Weather. (5)	13h. Temp. °F. (6)	13h. Humid. % (7)	13h. Visibility 0-9 (8)	13h. 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)	18h. Barom. at M.S.L. mb. (15)	18h. Change in 3 hours. (16)	18h. Wind. Direc. (17)	18h. Wind. Force 0-12 (18)	18h. Weather. (19)	18h. Temp. °F. (20)	18h. Humid. % (21)	18h. Visibility 0-9 (22)	18h. 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)	Past 24 hours. Weather. 7h.–13h. 8th (37)	13h.–18h. 8th (38)	18h. 8th to 1h. 9th (39)	1h.–7h. 9th (40)
1	London (Kew)	1011.3	-4	SW	4	c	72	55	8	5	3	-	7-8	9+	4000	1010.4	-6	S	2	c	66	75	8	5	2	-	7.8	10	2500	0	*	bccy	cy	crbc	bcbw
	Croydon	1011.5	-6	SSW	4	c	73	55	8	1	9	9	Tr	7.8	4000	1010.9	-6	S	2	c	65	75	8	-	7	1	0	9+	-	0	*	wcbc	cy	cr;rbc	b,cgbc
	S. Farnborough	1011.5	-2	SSW	4	c	67	65	8	1	7	-	Tr	9+	2500	1010.1	-8	SW'S	2	c/r	63	85	8	6	2	-	7.8	10	2500	0	*	bccv	cvcrc	corrc	bcbm
	Boscombe Down	1010.8	-6	S	4	c	67	65	8	8	3	-	7.8	9	2500	1009.5	-10	S'W	3	c	61	85	7	5	2	-	4.6	10	2500	1	*	cpc	circc	cpcpbc	bcc
	Calshot, S'thmtn	1012.2	0	S	3	c	66	75	8	7	6	-	2.3	9	2500	1010.9	-14	SSE	3	rr	64	85	7	6	7	-	4.6	10	1500	0	1	bcc	circrr	crrirb	bbcpr
	Lympne	1012.5	-12	SW	3	bc	74	65	9	-	7	9	0	2.3	-	1011.6	-2	SW	2	c	65	75	8	5	7	-	2.3	9	4000	1	§0	bmbcbv	bbccvc	bcbc	cbcpr
	Manston	1011.6	-12	SSW	3	bc	77	65	7	-	8	9	0	4.6	-	1011.0	-4	S	2	c	66	85	7	-	3	-	0	9	-	0	*	bbc	bcc		cpcbc
2	Shoeburyness	1011.5	-8	SW	2	c	74	75	8	1	3	-	Tr	7.8	4000	1010.5	-4	SSW	3	c	66	95	8	5	7	-	Tr	9+	4000	0	*	bcpr	cbc	cbc	bcb
	Felixstowe	1011.7	-10	SE'S	3	bc	69	85	7	-	3	9	0	4.6	-	1010.4	-4	ESE	4	c	66	85	8	5	3	-	4.6	7.8	2500	0	1	ctlcprbc	bcc	cl	cprbc
	Gorleston	1011.6	-4	SSE	4	c	68	85	6	8	3	-	2.3	7.8	2500	1009.9	+4	SE'S	2	bc	66	85	7	-	7	-	0	4.6	-	0	2	bccpr	cbc	bccl	cbc
	Cranwell	1010.3	+2	SSW	4	c	67	55	9	7	7	9	2.3	9+	4000	1009.0	-7	SSW	2	c	65	65	8	5	2	9	7.8	9+	4000	0	*	bcc	cy	crrc	cbwm
3	Birmingham	1009.6	0	SSW	4	c	67	55	8	8	-	8	4.6	7.8	2500	1008.7	-4	S	3	c	64	65	8	7	7	-	2.3	9	2500	0	*	bcc	c	cbc	bcc
	Upper Heyford	1012.1	-2	S'W	4	c	66	65	8	5	7	-	7.8	10	2500	1009.6	-8	SSW	3	c	63	75	8	5	2	-	2.3	9	2500	0	*	bc	cpc	circ	bccpr
4	Ross-on-Wye	1009.1	0	SSW	4	c	67	55	8	9	7	6	4.6	9	4000	1008.0	-8	S	3	c	62	75	7	5	7	1	7.8	9	2500	0	*	bcc	cpc	cb	bcpbbc
5	Portland Bill	1011.3	+8	SW	3	c	67	75	7	5	7	-	4.6	7.8	2500	1009.0	-12	SW	3	rc	61	95	7	5	-	-	7.8	7.8	1500	1	3	c	circ	bc	bc
	Plymouth	1010.0	-4	S'W	4	c	62	95	8	8	7	6	4.6	9	2500	1008.2	-10	S'E	4	bc	61	95	8	8	-	2	7-8	4.6	2500	1	2	cbcc	cbc	bccbc	bc
	The Lizard	1009.4	-2	S'W	4	c	61	85	8	8	6	-	4.6	7.8	2500	1007.1	-8	S	5	pr	60	95	8	8	7	-	7.8	9+	2500	1	3	bcc	cpr	cprbc	bcprq
	Scilly (St. Mary's)	1007.7	-6	S'W	5	c	62	75	7	8	7	-	7.8	7.8	2500	1005.4	-8	SW	5	bc	60	95	7	5	6	-	2.3	4.6	2500	1	4	bcc	pcqbc	pcqbc	bc
	Guernsey	1011.9	-4	S'W	1	pr	64	85	7	8	-	-	10	10	2500	1010.5	-6	WSW	2	PR	62	95	5	5	-	-	10	10	1500	2	2	cccpr	cPR	crbcb	bc
6	Pembroke	1006.1	-4	SW	4	q	61	65	7	4	6	1	4.6	4.6	4000	1004.6	-8	S	3	pr	61	85	7	5	2	-	7.8	9	2500	1	3	bcqpr	bcccqprc	bcqccr	cprqc
7	Holyhead	1006.3	+6	SSW	5	bc	63	65	8	7	4	-	1	2.3	2500	1005.2	-10	S'W	4	c	60	75	8	5	5	1	4.6	7.8	4000	0	3	bbc	bbc	prrc	PR Kq
	Chester (Sealand)	1007.9	0	SSW	4	bc	71	35	8	2	-	4	4.6	4.6	4000	1006.9	-8	S'W	2	bc	66	55	8	1	-	4	2.3	4.6	4000	0	*	bcy	cbcvy	bcb	bbcpc
8	L'pool (Bidston)	1007.6	0	SW	5	bc	67	45	9	1	-	1	2.3	2.3	2500	1006.6	-6	S'W	2	bc	65	55	8	1	-	6	1	4.6	2500	0	*	bbcby	bbcy	bcb	bbc
	Manchester	1008.0	+2	SW	4	bc	69	45	8	2	-	1	2.3	2.3	2500	1007.2	-4	WSW	2	bc	65	55	8	2	7	-	1	4.6	2500	0	*	bcvy	bccvy	bccc	cprc
9	Harrogate	1007.8	0	SSW	5	q	70	45	8	1	4	1	Tr	1	4000	1007.5	0	S	1	c	63	65	7	-	7	2	0	9	-	0	*	cbq	bbcc	cbc	cbp
10	Spurn Head	1009.2	+2	WSW	5	c	69	65	8	5	7	-	4.6	7.8	2500	1009.0	0	SW	3	c	65	75	8	5	7	-	4.6	9	4000	0	2	cbc	c	cpr	cbc
	Catterick	1006.5	+6	SW	5	q	69	45	8	1	3	2	4.6	4.6	4000	1006.9	+2	W'N	1	c	63	65	8	5	5	-	7.8	7.8	4000	0	*	cqbcyq	bcycc	como	omcrcm
	Tynemouth	1006.3	+8	WSW	4	bc	67	45	8	2	-	-	4.6	4.6	2500	1006.8	+4	WSW	2	c	63	65	6	9	-	-	7.8	7.8	1500	1	2	bcq	bbc	cbc	bcpir
11	Inchkeith	1003.0	+16	SW	6	bc	63	55	8	2	-	-	4.6	4.6	4000	1005.4	0	SW	4	bc	61	65	8	4	4	3	1	4.6	4000	0	3	cbc	bc	bcc	orrc
	Leuchars	1002.8	+8	SSW	5	c	63	55	8	7	-	-	7.8	7.8	2500	1004.8	+10	SW	3	bc	58	65	8	2	4	8	2-3	4.6	2500	0	*	bcby	bcvy	bcbbc	cgrrc
12	Renfrew (Abbotsl)	1002.7	+22	SW	5	bc	62	65	8	8	-	-	4.6	4.6	4000	1003.8	+6	SSW	4	bc	59	65	8	4	3	-	4-5	4.6	4000	0	*	bcqbc	bcyvc	bc	crrcr
	Eskdalemuir	1004.8	+20	SSW	7	bc	60	65	8	8	-	-	4.6	4.6	2500	1006.1	+6	SSW	3	bc	57	75	8	7	-	1	2.3	4.6	4000	1	*	prcbc	bc	bcb	bcir
13A	Tiree	999.8	+120	WSW	4	c	58	75	7	4	8	-	9	9+	1500	1002.0	0	SE'S	1	c	54	75	7	5	7	-	9	9+	1500	1	3	pRc	c	RRP	prrc
13B	Stornoway	988.7	-46	W	3	pr	55	95	7	8	6	-	4.6	10	1500	1000.8	+56	SW	3	c	53	85	8	5	6	-	7.8	9+	1500	1	1	cpR	crr;c	circ	cirrc
15	Dalwhinnie	999.4	+20	SE	5	c	55	85	7	4	2	-	7.8	10	800	1003.9	+14	S	5	c	53	85	8	4	4	-	4.6	7.8	800	1	*	irp	irc		irc
	Aberdeen	1001.0	+8	SSW	5	q	64	45	8	2	-	-	4.6	4.6	4000	1004.4	+30	S'W	4	c	62	55	8	2	8	3	2.3	7.8	2500	1	2	cfcbcy	bcqy	bcybw	bcpr
	Wick	995.5	-8	SSW	6	bc	61	65	8	8	4	8	2.3	4.6	2500	1000.3	+36	SSW	5	bc	57	75	8	8	1	-	4.6	4.6	2500	0	4	crrF	bc	bcc	c
16	Lerwick	996.0	-20	S	6	c	57	95	6	5	7	-	4.6	7.8	800	997.4	+16	S	7	bc	57	75	6	5	3	-	2.3	2.3	2500	0	*	FFecmc	cbc3c	bc	bcc
17	Blacksod Point	999.9	+10	NNE	1	ir	56	95	9	6	-	-	9+	9+	800	1000.1	0	NW	1	c	56	95	9	8	-	-	10	10	800	1	3	ir	rrc		cbc
18	Malin Head	1001.0	+30	S	2	d	54	95	6	8	-	-	10	10	800	1000.3	-8	E	3	rc	55	95	6	6	-	-	10	10	800	2	1	cir	crr	cirpr	c
	Aldergrove	1003.0	+14	S'W	4	c	59	65	9	8	4	3	9+	9+	4000	1002.9	-2	SSE	3	rc	56	85	6	5	2	-	9	10	2500	1	*	bccv	cvcrc	crrirb	b,crr
	Donaghadee	1004.1	+16	SW	4	bc	60	65	8	8	3	-	4.6	4.6	1500	1003.7	-6	SW	3	bc	58	75	8	8	3	-	4.6	4.6	1500	0	2	bc	bc	bcc	crrc
19	Birr Castle	1002.5	0	S	3	rc	56	95	7	6	-	-	10	10	2500	1001.3	-4	S	2	c/pr	56	95	7	8	-	-	7.8	7.8	2500	1	*	bcbr	rrcpr	cpr	cb
20	Valentia Obsy.	999.6	0	S'E	4	c	61	85	8	8	-	-	9	9	1500	1000.7	+10	NNW	3	c	57	85	8	8	3	1	4.6	7.8	1500	1	2	rcrbc	cRRrcbcc	cpfc	cpcbc
	Rooches Point	1003.1	-6	SW	4	rr	57	95	6	6	-	-	10	10	1500	1001.8	-12	SW	3	c	58	95	7	3	-	-	7.8	7.8	1500	1	4	corr	orc	cbcw	bcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§ See disturbance reported from Dungeness

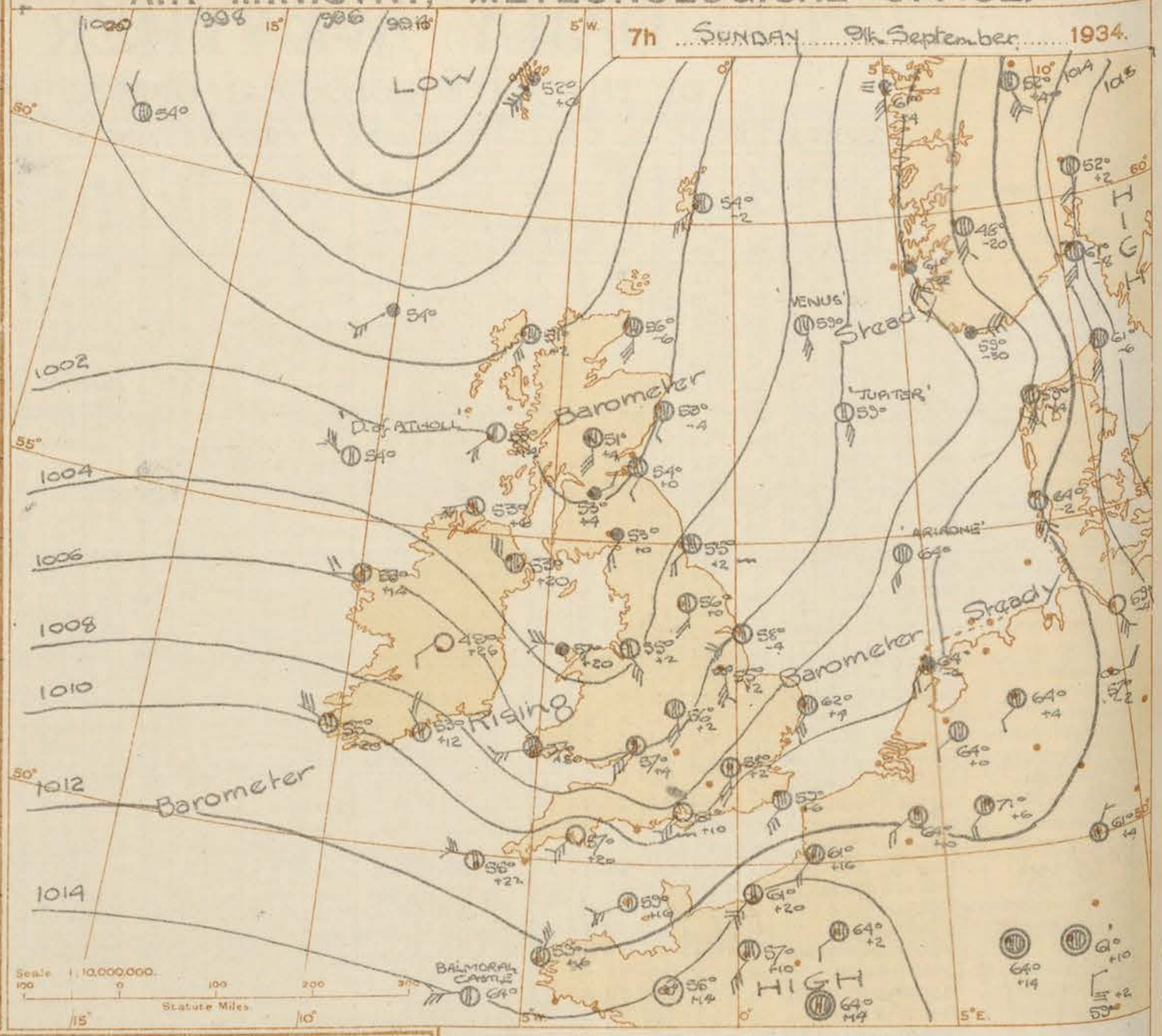
REPORTS from HEALTH RESORTS for 8th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	cbcb	cbcc	61	79	–	–	7.0	10.4
	Bournemouth	bcc	o	61	68	–	–	2.1	7.2
	Ventnor ...	cbo	cpou	62	68	–	Trace	4.1	8.5
	Southsea ...	bc	co	61	?	–	–	3.0	7.8
	Bognor Regis	bbc	coc	62	68	–	–	3.8	7.8
	Littlehampton	bc	bc	61	68	–	–	4.4	9.2
	Worthing ...	bbc	bcc	61	68	–	–	6.3	9.6
	Brighton ...	bcc	c	63	69	–	–	5.1	10.8
	Eastbourne†	cb	bbccv	64	70	–	–	8.2	9.1
	Hastings† ...	cbcb	bbcc	62	72	–	–	6.9	10.5
	Folkestone ...	bbc	bc	61	71	–	–	9.6	9.4
	Dover... ...	bc	bcc	63	70	–	–	10.0	10.5
	Deal	b	bc	64	76	–	–	8.8	9.7
	Ramsgate ...	bc	bcc	64	74	–	–	8.9	9.3
	Margate ...	bc	bc	64	79	–	–	9.5	9.8
2	Southend ...	bc	bccbc	63	79	Trace	–	6.2	10.0
	Maldon ...	b	c	60	80	–	–	5.6	8.9
	Clacton-on-Sea	bcctbc	bcebc	61	71	–	–	5.1	7.1
	Dovercourt ...	bc	bcv	63	72	–	–	6.5	7.4
	Lowestoft ...	b	bcbc	63	73	–	0.3	7.5	6.0
	Skegness ...	bc	bco	63	73	–	–	3.7	6.1
	Mablethorpe	bcv	c	61	71	–	–	3.3	5.9
	Cleethorpes...	bbc	bco	60	71	–	–	4.2	6.5
3	Leamington S.	bcc	c	62	70	–	–	1.6	6.5
4	Cheltenham†	bbc	bccbc	60	66	–	–	4.2	8.1
5	Bath	cbc	bcc	61	68	–	–	1.9	10.6
	Weymouth ...	c	cr	60	67	–	0.3	0.6	5.3
	Jersey ...	bc	bccr	64	67	–	Trace	3.2	6.7
	Torquay ...	bc	coc	59	66	–	–	3.7	8.3
	Penzance ...	bbc	bcc	56	65	–	–	8.5	0.8
	St. Ives ...	b	c	54	64	Trace	–	9.3	1.0
	Bude	bc	bc	56	66	–	–	7.8	0.5
	Ilfracombe ...	bcb	bbc	58	67	–	–	6.7	3.3
6	Aberystwyth	prbc	bcc	57	66	1	–	7.8	0.0
7	Llandudno ...	b	bcb	59	69	–	–	9.7	0.0
	Colwyn Bay...	bbcb	bcb	56	66	–	–	10.4	0.2
	Rhyl	b	bbccb	59	68	–	–	8.7	0.5
8	Wallasey ...	bcb	b	59	71	–	–	7.1	0.5
	Southport‖ ...	bc	bccbc	57	67	–	–	7.6	0.0
	Blackpool ...	cbc	bcc	58	67	–	–	10.0	0.2
	Morecambe ...	b	bbcc	59	66	–	–	8.7	0.2
9	Ilkley	bc	bc	51	69	–	–	5.9	1.1
10	Berwick-on-T.	bcb	bcc	54	66	–	–	6.8	0.0
11	Dunbar ...	bc	bc	55	67	–	–	6.8	0.2
12	Troon... ...	cbv§b	cbbcb	57	61	3	–	6.2	0.7
	Douglas ...	cb	cbbc	56	62	1	–	9.7	0.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ... SUNDAY ... 9th September ... 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th Sept. 1934
1. S.E. England 2. E. England... 3. E. Midlands	Wind southwest, veering west, moderate; showers perhaps thunder, today, fair tomorrow; average temperature, perhaps local ground frost in early morning.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands	Wind west backing southwest tomorrow, moderate; showers with long bright periods today, fair tomorrow morning; average temperature, perhaps local ground frost in early morning.
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 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind southwesterly moderate to fresh; showers and bright periods today, fair tomorrow morning; average temperature, perhaps local ground frost in early morning
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind westerly, backing southwesterly tonight; mainly fair apart from a few scattered showers today, becoming cloudy with rain tonight or tomorrow morning; average temperature.

H.M. Stationery Office Press, Kingsway, W.C.2. P.s. 750(2781) Wt 8016/0 6001 6y 908 2230 9/34.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol — ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS:— ◯ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 1/5 clouded. ◐ Sky 1/10 to 5/10 clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. ϒ Thunder. ϒ Thunderstorm. ∞ Slight haze
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression near the Faeroes is filling up and an associated trough of low pressure is moving east across the British Isles. A deepening disturbance about 800 miles west of Ireland is moving east or southeast. Weather will be mainly showery with bright periods today but continuous rain may commence in Western Ireland tonight.

FURTHER OUTLOOK.

Renewal of unsettled conditions after brief fair period.

Forecasts issued at 1100 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.

Morning of
SUNDAY,
9th SEPTEMBER,
1934.

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N.

Statute Miles 0 1 2 3 4 500

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

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

Sunday 9th Sept. 1934.

No. 26,589

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

District	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)	°F. Temp. (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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1010·4	-2	SSE	3	bc	59	95	8	5	-	-	2-3	2-3	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1011·1	+6	S'E	1	c	61	95	8	5	=	-	10	10	2500
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1008·5	-4	S'E	2	c	64	85	7	5	-	-	9	9	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1008·3	-4	SW	4	bc	61	85	7	4	-	-	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1007·1	+8	WSW	5	bc	57	95	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1006·4	+8	WNW	6	q	56	85	8	3	-	-	2-3	2-3	2500
	Guernsey	175	1010·7	+4	SW	3	bc	59	95	7	4	-	-	2-3	2-3	2500
6	Pembroke	142	1002·2	-10	SSW	5	q	58	85	7	5	-	-	2-3	2-3	2500
7	Holyhead	26	1002·6	-8	SW	3	bc	58	95	7	5	-	-	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1008·4	-4	SW	3	bc	59	85	7	3	1	-	2-3	2-3	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1005·2	-12	SW	1	bc	56	85	6	5	-	-	2-3	2-3	1500
11	Inchkeith	190	1005·7	0	SE	2	c	54	95	8	5	-	-	10	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1000·8	-2	SSE	3	c[5]	53	85	7	8	-	-	9	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1003·6	-4	S	2	c	54	95	8	8	1	-	7-8	10	1500
16	Lerwick	54	1003·5	+14	SW	5	bc	52	85	8	5	-	-	2-3	2-3	1500
17	Blacksod Point	18	Obs. not taken owing to illness.													
18	Malin Head	52	1000·9	+8	NNW	2	c	54	95	7	6	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005·9	+3.4	W'N	5	bc	54	95	8	3	-	-	2-3	2-3	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)	1009·7	+8	SSW	3	b	59	95	7	2	5	-	Tr.	1	2500	1	*
	Croydon	1010·3	+2	SSE	3	bc	58	95	8	5	3	1	Tr.	2-3	1500	1	*
	S. Farnborough	1009·4	+2	SW	4	b[j]p	58	85	6	8	-	-	4-6	4-6	1500	1	*
	Boscombe Down	1008·3	+8	SSW	4	c	57	95	7	8	-	-	7-8	7-8	1500	1	*
	Calshot, (S'thmtn)	1010·1	+10	SW'S	4	bc[pr]	61	85	8	8	4	-	2-3	4-6	1500	1	2
	Lympne	1010·5	+6	SW'S	3	c[pr]	55	95	8	5	3	1	4-6	9	1500	0	§3
	Manston	1010·9	+6	S	3	c	59	95	8	4	3	3	2-3	9	2500	1	*
2	Shoeburyness	1010·6	+4	SW'S	2	c	62	95	8	1	3	6	Tr.	7-8	2500	0	*
	Felixstowe	1010·1	+8	SSW	4	c	62	85	7	3	3	6	2-3	7-8	2500	0	2
	Gorleston	1009·5	+4	SW'S	3	c	62	85	7	7	3	-	4-6	7-8	2500	0	2
	Cranwell	1007·8	+2	SSE	3	3c	55	95	6	5	-	1	Tr.	1	2500	0	*
3	Birmingham	1006·9	+2	S	3	c	56	95	8	5	3	-	4-6	7-8	800	0	*
	Upper Heyford	1008·3	+4	SSW	3	c[pr]	56	95	7	9	3	-	4-6	7-8	800	1	*
4	Ross-on-Wye	1006·7	+4	SW	3	bc	57	85	8	7	-	-	4-6	4-6	4000	0	*
5	Portland Bill	1009·3	+16	W	5	bc	60	75	7	4	-	-	4-6	4-6	2500	1	4
	Plymouth	1010·1	+20	WSW	4	c	57	85	8	5	-	-	7-8	7-8	2500	0	2
	The Lizard	1011·0	+24	W	5	bc	56	85	8	8	-	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	1011·5	+22	WNW	4	bc	55	95	7	2	-	-	2-3	2-3	4000	1	3
	Guernsey	1011·7	+16	W	4	bc	59	85	7	8	-	-	4-6	4-6	2500	1	3
6	Pembroke	1005·9	+20	W	4	q	57	85	7	8	6	-	7-8	7-8	2500	1	3
7	Holyhead	1003·6	+20	WN	4	pr	57	95	8	8	-	-	9	9	2500	1	2
	Chester (Sealand)	1004·6	+2	SE'E	3	bc	55	95	7	7	-	-	4-6	4-6	4000	1	*
8	L'pool (Bidston)	1004·7	+6	SE	3	bc	55	95	8	5	4	-	2-3	4-6	4000	1	*
	Manchester	1005·1	+8	SSW	3	bc	57	85	7	5	-	-	2-3	2-3	1500	1	*
9	Harrogate	1005·4	0	S	2	bc	56	85	7	8	8	-	1	2-3	2500	1	*
10	Spurn Head	1007·1	-4	SW	5	bc	58	95	7	-	7	1	0	2-3	-	1	4
	Catterick	1004·9	-2	SE'S	1	c	53	95	5	5	-	-	7-8	7-8	2500	1	*
	Tynemouth	1004·5	+2	SSW	2	c[r]	56	95	6	6	-	-	7-8	7-8	1500	1	1
11	Inchkeith	1003·3	-10	S	1	c	55	95	8	8	-	-	7-8	7-8	2500	1	1
	Leuchars	1002·9	0	SSW	1	c[r]	54	85	8	5	1	-	7-8	10	1500	1	*
12	Renfrew (Abbotsl)	1002·6	+4	E'N	1	c[r]	53	95	7	8	-	-	9	9	2500	1	*
	Eskdalemuir	1003·3	0	SW	2	[r]	53	95	6	9	-	-	9+	9+	1500	1	*
13A	Tiree	1002·5	+14	SWW	2	bc	53	95	9	2	3	98	4-6	4-6	2500	1	2
13B	Stornoway	1000·2	+2	SSW	3	c	51	95	8	5	7	-	2-3	7-8	1500	1	2
15	Dalwhinnie	1002·0	-4	S	3	c	51	95	8	3	2	-	4-6	7-8	800	1	*
	Aberdeen	1002·7	-4	S	1	c	53	95	6	5	7	-	4-6	9+	2500	1	2
	Wick	1001·6	-6	S	3	c	56	85	8	8	4	8	7-8	9	1500	1	3
16	Lerwick	1002·8	-2	SW	3	c	54	95	8	5	7	-	4-6	9	1500	0	*
17	Blacksod Point	1006·4	+14	W	2	bc	53	95	8	4	7	7	4-6	4-6	2500	0	3
18	Malin Head	1002·9	+12	W	3	bc	53	85	8	8	-	-	4-6	4-6	1500	2	1
	Aldergrove	1004·2	+20	NW	3	c	53	95	9	5	-	-	9+	9+	1500	1	*
	Donaghadee	1003·6	+16	W	2	c	54	95	8	5	-	-	7-8	7-8	1500	1	0
19	Birr Castle	1007·2	+26	SW	1	b	49	95	7	4	-	-	1	1	2500	1	*
20	Valentia Obsy.†	1010·1	+20	WNW	3	bc	55	85	8	8	3	-	2-3	4-6	1500	1	2
	Roches Point	1009·7	+24	NW	2	bc	53	85	8	3	-	-	2-3	2-3	2500	1	3

PAST 24 HOURS.

District	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 8th Hrs. (36)
1	London (Kew)	73	58	53	-	2	5·0
	Croydon	74	57	54	-	1	5·9
	S. Farnborough	72	56	52	Tr	3	4·1
	Boscombe Down	67	54	52	Tr	3	1·8
	Calshot, (S'thmtn)	68	60	57	0·2	2	2·5
	Lympne	74	57	53	-	Tr	8·9
	Manston	78	58	55	-	0·2	7·7
2	Shoeburyness	75	59	56	Tr	-	6·2
	Felixstowe	70	61	56	1	Tr.	6·6
	Gorleston	73	62	60	1	-	7·0
	Cranwell	71	53	51	-	Tr	2·4
3	Birmingham	68	54	51	-	-	5·7
	Upper Heyford	69	54	50	Tr	1	*
4	Ross-on-Wye	68	57	52	Tr	Tr	5·1
5	Portland Bill	67	56	*	1	Tr	*
	Plymouth	64	56	54	-	-	7·7
	The Lizard	63	55	*	Tr	3	*
	Scilly (St. Mary's)	65	55	*	0·2	0·4	8·4
	Guernsey	65	58	54	1·0	0·2	0·4
6	Pembroke	63	51	*	0·2	4	7·5
7	Holyhead	64	56	54	-	7	10·5
	Chester (Sealand)	72	53	43	-	0·5	7·2
8	L'pool (Bidston)	68	54	52	-	-	8·6
	Manchester	71	55	50	-	Tr.	7·7
9	Harrogate	70	54	47	-	0·5	5·2
10	Spurn Head	74	57	*	-	0·5	3·3
	Catterick	70	45	38	-	0·2	5·6
	Tynemouth	68	55	52	-	[illegible]	*
11	Inchkeith	64	53	46	-	4	10·6
	Leuchars	65	48	38	-	2	8·7
12	Renfrew (Abbotsl)	62	52	45	-	2	8·6
	Eskdalemuir	61	43	39	0·1	2	5·2
13A	Tiree	58	53	40	1	12	3·3
13B	Stornoway	59	45	*	1	1	1·9
15	Dalwhinnie	59	48	46	1	1	2·1
	Aberdeen	65	48	42	-	Tr	8·8
	Wick	62	48	*	*	-	*
16	Lerwick	58	51	*	-	-	4·7
17	Blacksod Point	57	50	*	5	0·4	*
18	Malin Head	57	52	*	1·6	1	0·9
	Aldergrove	61	53	50	0·6	2	5·0
	Donaghadee	64	53	*	-	5	*
19	Birr Castle	59	48	44	4	1	3·0
20	Valentia Obsy.†	62	53	51	1·1	0·5	3·6
	Roches Point	59	50	*	4	Tr.	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F. (Yesterday.)	Temperature. Night Min. °F. (Yesterday.)	Temperature. Min. on Grass °F. (Yesterday.)	Rainfall. Day. mm. (Yesterday.)	Rainfall. Night. mm. (Yesterday.)	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	bccy	cy	crbcbr	73	58	53	-	2	5·0	*	*	8
Croydon	217	wcbc	cy	cbcrbc	74	57	54	-	1	5·9			
Greenwich (Royal Observatory)	149	cbcy	cy	crbdc	79	56	51	-	1	5·8	58	75	7
City (Bunhill Row)	—				*	*	*			4·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	75	58	55	3		4·9	75	81	*
Regents Pk. (Botanic Gardens)	108	*	*	*	77	58	54	-	3	4·9	58	83	*
Camden Square	110	abc	c	*	71	58	53	-	2	*	*	75	*
Kensington	80	bc	bcc	*	76	58	52	-	3	4·6	At 18h. 71	78	*
Hampstead Observatory	450	bc	bcp	cor	74	55	48	-	4	4·6	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Defective Record			

Kew Observatory. Max.	Time.	Min.	Time.
0·1	07-09h & 21h	<0·1	Rest of Period

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 8th Sept. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th Sept. 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	1010·1	SSW	1	c	84	1014·3	WSW	1	c[r]	63	90	63	-	2
Brussels	1009·5	SW	1	bc	77	?	SW	2	c	64	91	61	-	Tr.
Berlin	1013·0	E	1		68	1016·8	SE	1	b[f]	61	75	55	-	-
Zürich	1015·9	NE	3	bc	73	1015·4	N	1	f	59	84	55	-	-
Rome	1015·1	W	3	b	70	1015·4	-	0	0	?	-	-	-	-

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.

† Hr. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 10th September 1934.

No. 26590

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

District	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)	°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)
1	London (Kew)	1012.2	+1.4	WSW	4	c	66	65	8	7	-	-	7-8	7-8	4000
	Croydon	1012.1	+1.0	SW	4	bc	67	55	8	7	-	-	4-6	4-6	2500
	S. Farnborough	1012.2	+1.4	SW'W	4	c	67	65	8	8	-	-	7-8	7-8	4000
	Boscombe Down	1012.0	+1.4	W	5	c	65	65	8	2	-	-	7-8	7-8	4000
	Calshot, S'thmtn	1012.7	+1.4	SW	4	c	65	58	8	7	3	-	4-6	7-8	2500
	Lympne	1013.2	+1.2	SW	5	bc	66	75	8	7	-	-	4-6	4-6	1500
	Manston	1011.9	+2	SSW	5	bc	69	75	8	2	-	3	2-3	4-6	2500
2	Shoeburyness	1011.8	+4	SW'S	3	c	68	75	8	5	3	-	7-8	7-8	4000
	Felixstowe	1010.9	+2	SW'S	4	bc	69	55	8	2	-	1	4-6	4-6	2500
	Gorleston	1010.2	0	SSW	4	bc	69	66	7	2	-	1	4-6	4-6	4000
	Cranwell	1009.3	+1.4	SW	3	c	63	75	7	7	-	-	9+	9+	4000
3	Birmingham	1010.9	+2.4	W	3	c/r	58	85	8	9	7	-	7-8	9+	1500
	Upper Heyford	1011.3	+1.4	SSW	4	c	63	65	8	5	-	-	9	9	2500
4	Ross-on-Wye	1011.0	+2.0	W	3	c	63	65	9	8	-	-	9	9	4000
5	Portland Bill	1013.4	+1.2	WSW	5	bc	61	75	7	4	-	-	2-3	2-3	2500
	Plymouth	1014.0	+1.4	SW'W	4	bc	62	68	8	2	-	-	2-3	2-3	4000
	The Lizard	1015.3	+1.6	W'S	3	bc	62	85	8	8	4	-	4-6	4-6	2500
	Scilly (St. Mary's)	1015.2	+1.2	W'S	3	bc	62	75	8	2	6	3	2-3	4-6	2500
	Guernsey	1015.6	+1.6	WNW	4	bc	63	65	8	2	-	-	4-6	4-6	2500
6	Pembroke	1012.0	+.8	WSW	3	bc	59	75	8	7	6	2	2-3	4-6	5700
7	Holyhead	1010.2	+3.4	W	4	bc	60	65	8	1	4	-	2-3	2-3	1500
	Chester (Sealand)	1009.6	+3.0	WNW	4	c/pr	61	75	8	9	4	-	7-8	9	1500
8	L'pool (Bidston)	1009.9	+2.0	WNW	4	bc	56	86	8	7	-	-	4-6	4-6	2500
	Manchester	1008.6	+2.6	W'N	5	c/pr	59	85	7	8	-	-	9+	9+	1500
9	Harrogate	1007.3	+1.0	SW	3	c	62	75	8	8	-	-	9+	9+	2500
10	Spurn Head	1008.3	+.4	W'S	5	c	65	65	8	9	2	-	4-6	7-8	2500
	Catterick	1006.2	+1.4	SW	4	c	67	55	8	8	4	-	7-8	7-8	2500
	Tynemouth	1006.7	+.6	S	3	bc	64	65	7	9	-	-	4-6	4-6	1500
11	Inchkeith	1008.2	+1.2	WSW	2	c	60	75	8	8	3	-	4-6	9	2500
	Leuchars	1004.2	+.8	SW	2	c	65	65	8	8	6	-	4-6	7-8	2500
12	Renfrew (Abbotsl.)	1006.0	+2.2	W	4	c	63	55	8	1	-	-	7-8	7-8	4000
	Eskdalemuir	1005.6	+1.6	W	2	c	59	75	8	8	-	-	9	9	2500
18A	Tiree	1006.2	+2.6	W	4	bc	59	65	8	2	-	-	4-6	4-6	2500
13B	Stornoway	1001.1	+1.0	WSW	4	c	56	75	8	8	7	-	4-6	7-8	1500
15	Dalwhinnie	1005.8	+1.6	W	3	bc	58	55	8	1	-	1	2-3	2-3	5700
	Aberdeen	1003.6	+.6	S	2	bc	65	65	8	8	4	-	4-6	4-6	2500
	Wick	1002.8	+.8	WNW	2	c	58	85	8	8	7	-	4-6	7-8	1500
16	Lerwick	1001.7	-.4	SSW	2	c/pr	56	95	7	8	7	-	7-8	9+	1500
17	Blacksod Point	1010.1	+1.8	W	2	c	59	95	8	8	-	-	9	9	2500
18	Malin Head	1007.1	+2.8	W	3	c	57	75	8	8	-	-	7-8	7-8	1500
	Aldergrove	1008.5	+2.2	WNW	3	c	59	75	9	8	-	-	9+	9+	1500
	Donaghadee	1008.2	+1.2	WNW	2	bc	62	65	8	8	-	-	4-6	4-6	1500
19	Birr Castle	1010.6	+1.6	W	2	c	60	65	8	8	-	8	7-8	7-8	2500
20	Valentia Obsy.	1013.0	+1.4	WSW	4	bc	59	75	8	8	7	1	4-6	4-6	2500
	Roches Point	1011.9	+1.0	NW	3	bc	61	75	8	3	-	-	4-6	4-6	2500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°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)
1	London (Kew)	1014.8	+2.0	WSW	2	bc	65	55	8	4	-	-	2-3	2-3	4000	1	*
	Croydon	1014.3	+1.0	WSW	3	b	63	65	8	7	-	-	Tr	Tr	4000	1	*
	S. Farnborough	1015.2	+2.0	W'S	3	b	61	65	8	8	-	-	Tr	Tr	4000	1	*
	Boscombe Down	1016.1	+1.8	W	3	bc	60	75	8	2	-	-	2-3	2-3	4000	1	
	Calshot, S'thmtn	1015.6	+1.2	SW	4	bc	62	75	8	7	-	-	2-3	2-3	2500	0	2
	Lympne	1015.6	+2.2	WSW	3	b	61	75	8	4	-	-	Tr	Tr	4000	0	§3
	Manston	1015.6	+2.6	SW	4	b	63	85	7	2	-	-	1	1	2500	0	*
2	Shoeburyness	1014.1	+1.4	W	2	bc	65	65	8	5	3	-	4-6	4-6	5700	0	*
	Felixstowe	1013.5	+1.2	W'S	3	bc	65	55	8	1	-	-	2-3	2-3	4000	0	2
	Gorleston	1012.9	+1.6	SW'W	2	c	69	55	7	4	-	-	7-8	7-8	4000	0	2
	Cranwell	1013.1	+2.6	W'S	3	bc	60	75	7	7	-	-	2-3	2-3	4000	0	
3	Birmingham	1014.2	+2.4	WNW	3	b	61	45	8	4	-	-	1	1	2500	0	*
	Upper Heyford	1014.5	+2.0	WSW	3	c	61	75	8	6	-	-	9	9	4000	1	*
4	Ross-on-Wye	1014.5	+2.4	WSW	2	bc	61	65	8	8	-	-	4-6	4-6	4000	0	
5	Portland Bill	1016.3	+1.0	WSW	5	bc	60	85	7	4	-	-	2-3	2-3	2500	0	4
	Plymouth	1016.1	+1.2	WSW	4	c	60	85	8	8	-	1	7-8	7-8	2500	0	2
	The Lizard	1016.4	+1.2	W	2	c	58	85	8	8	6	-	7-8	7-8	2500	1	2
	Scilly (St. Mary's)	1016.8	+.8	W'N	2	bc	59	75	8	4	4	3	2-3	2-3	2500	0	2
	Guernsey	1017.5	+1.4	W	3	bc	60	75	8	-	1	1	0	4-6	-	1	3
6	Pembroke	1014.3	+1.2	W'S	3	bc	58	85	8	4	6	1	2-3	4-6	5700	0	2
7	Holyhead	1013.1	+1.6	SW'S	3	c	59	85	8	5	-	-	7-8	7-8	4000	0	2§
	Chester (Sealand)	1013.6	+2.0	WSW	2	b	62	55	8	2	-	-	1	1	2500	0	*
8	L'pool (Bidston)	1013.5	+.6	W	3	b	60	65	8	1	-	8	Tr	1	4000	0	
	Manchester	1013.1	+2.4	WNW	3	b	58	65	8	2	-	-	Tr	Tr	2500	0	*
9	Harrogate	1011.7	+2.6	SW	3	b	56	75	9	-	4	-	0	Tr	-	0	*
10	Spurn Head	1011.3	+1.2	WNW	5	c	62	75	7	3	7	-	2-3	7-8	4000	0	4
	Catterick	1011.1	+2.2	W	4	bc	59	65	9	6	4	-	1	2-3	4000	0	*
	Tynemouth	1009.4	+2.2	WNW	3	bc	62	65	8	2	6	-	2-3	4-6	1500	1	1
11	Inchkeith	1009.1	+1.6	SW	3	bc	57	85	8	8	4	-	4-6	4-6	4000	0	1
	Leuchars	1008.4	+2.0	W	3	bc	60	65	9	7	6	-	2-3	4-6	2500	0	*
12	Renfrew (Abbotsl.)	1009.3	+1.4	WNW	3	b	57	78	8	1	-	-	1	1	4000	1	*
	Eskdalemuir	1010.6	+1.6	W	3	bc	54	75	8	8	-	-	4-6	4-6	4000	1	*
18A	Tiree	1009.8	+2.0	WSW	3	bc	56	75	8	2	+6	-	4-6	4-6	2500	0	2
13B	Stornoway	1007.0	+2.2	W	3	c	54	75	8	8	7	1	4-6	7-8	1500	1	1
15	Dalwhinnie	1009.8	+2.0	W	4	bc	52	68	8	1	-	+	2-3	2-3	5700	0	*
	Aberdeen	1010.7	+2.6	E	1	bc	58	75	8	8	-	-	4-6	4-6	4000	1	1
	Wick	1010.0	+2.0	W	2	c	57	75	8	8	8	-	4-6	7-8	2500	1	2
16	Lerwick	1009.2	+2.4	SW	3	bc	54	85	8	5	-	-	2-3	2-3	1500	0	*
17	Blacksod Point	1011.6	+1.8	S	3	c	57	75	8	-	7	-	0	9	-	0	2
18	Malin Head	1010.2	+1.8	W	2	b	56	75	8	5	4	-	Tr	1	2500	1	1
	Aldergrove	1011.5	+1.6	-	0	c	60	65	8	4	3	-	4-6	7-8	4000	1	*
	Donaghadee	1012.3	+2.4	SW	1	c	57	85	8	5	-	-	7-8	7-8	1500	0	0
19	Birr Castle	1012.8	+1.4	SW	2	c	59	65	8	5	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	1012.9	-.2	S'W	4	c	58	85	8	8	7	7	4-6	10	1500	1	2
	Roches Point	1013.7	+1.0	SW	4	bc	59	75	8	3	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather 7h.—13h. (37)	Weather 13h.—18h. (38)	Weather 18h. 2nd to 1h. (39)	Weather 1h.—7h. (40)
1	London (Kew)	bc p6 c	bc by v	by v b	bm, w bc
	Croydon	ddrr bc	bc c y b	b	b bc w
	S. Farnborough	bc p6 c v	c v bc c-b	b bw	b bc m
	Boscombe Down	c bc c	bc c bc	bc b	b f w m6
	Calshot, S'thmtn	bc p r b c y	bc y bc b	b	bw m6 c
	Lympne	c bc p6 bc	bc by	bw	bw
	Manston	cp6 bc	bc	*	bc b
2	Shoeburyness	bc c bc	bc	b	bm
	Felixstowe	c bc v y	bc v y	bc v y b	b bc bz6
	Gorleston	c bc q	bc c q	c bc b	bc b
	Cranwell	cp6	cp r6 b	bc b	bm, w bc
3	Birmingham	cp6	c bc	bm	bc
	Upper Heyford	c cp6	c	c bc	b f
4	Ross-on-Wye	bc c	bc v y	bc b	bw bc m
5	Portland Bill	bc	bc	bc	bc p6
	Plymouth	c bc	bc c bc	bc b	b bc w c m6
	The Lizard	bc	bc c	c bw	b bc w
	Scilly (St. Mary's)	bc c bc	bc	bc b	b bc c
	Guernsey	bc c bc	bc	bc bw	b bc w
6	Pembroke	cq bc	bc	bc	bcq
7	Holyhead	c b	bc v y e	c bc w	bc w c
	Chester (Sealand)	bc p6 c	cp6 bc b	bw	bw m f
8	L'pool (Bidston)	bc p r q	q/bc b b	b bc b	b bc w b
	Manchester	br c	c b v	bc w	c w m6
9	Harrogate	b bc c	c b	b	b
10	Spurn Head	bc	c bc	bc	bc
	Catterick	bc	c bc	bc	bc
	Tynemouth	b6m c y	cpr bc b	b bc	bc w o f F
11	Inchkeith	cbc	bc b	bc b	b bc m
	Leuchars	cpr	bc	bc b	b bc w
12	Renfrew (Abbotsl.)	bc c	b v bc	bc bw	bw x m6
	Eskdalemuir	c bc	cpr6 b	bw f e	p f e c m6
18A	Tiree	c i R	pr6 bc	bc bw	bc w c
13B	Stornoway	bc	bc	bc bw	c
15	Dalwhinnie	c bc c	cp6	c bc	bc c p6
	Aberdeen	c bc	bc	*	bc
	Wick	c r6 c y	bc P R	bc b	bw
16	Lerwick	c r r c	c p r c	bc b	b bc
17	Blacksod Point	cpr	c bc	bc	c bc b
18	Malin Head	bc c	bc c	c	ir
	Aldergrove	bc c pr	c bc	bc	bc c
	Donaghadee	bc c j p	c v bc	c bc	bc c
19	Birr Castle	c bc	pr6 c	bc	bc w
20	Valentia Obsy.	bc	c	c bc	bc p r
	Roches Point	bc c bc	bc c	c	c c ir6

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
f', thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s6, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s6/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
6, 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 6 indicates slight; repetition of letters indicates continuity; thus,
R, heavy rain. r6, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⁵⁰ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

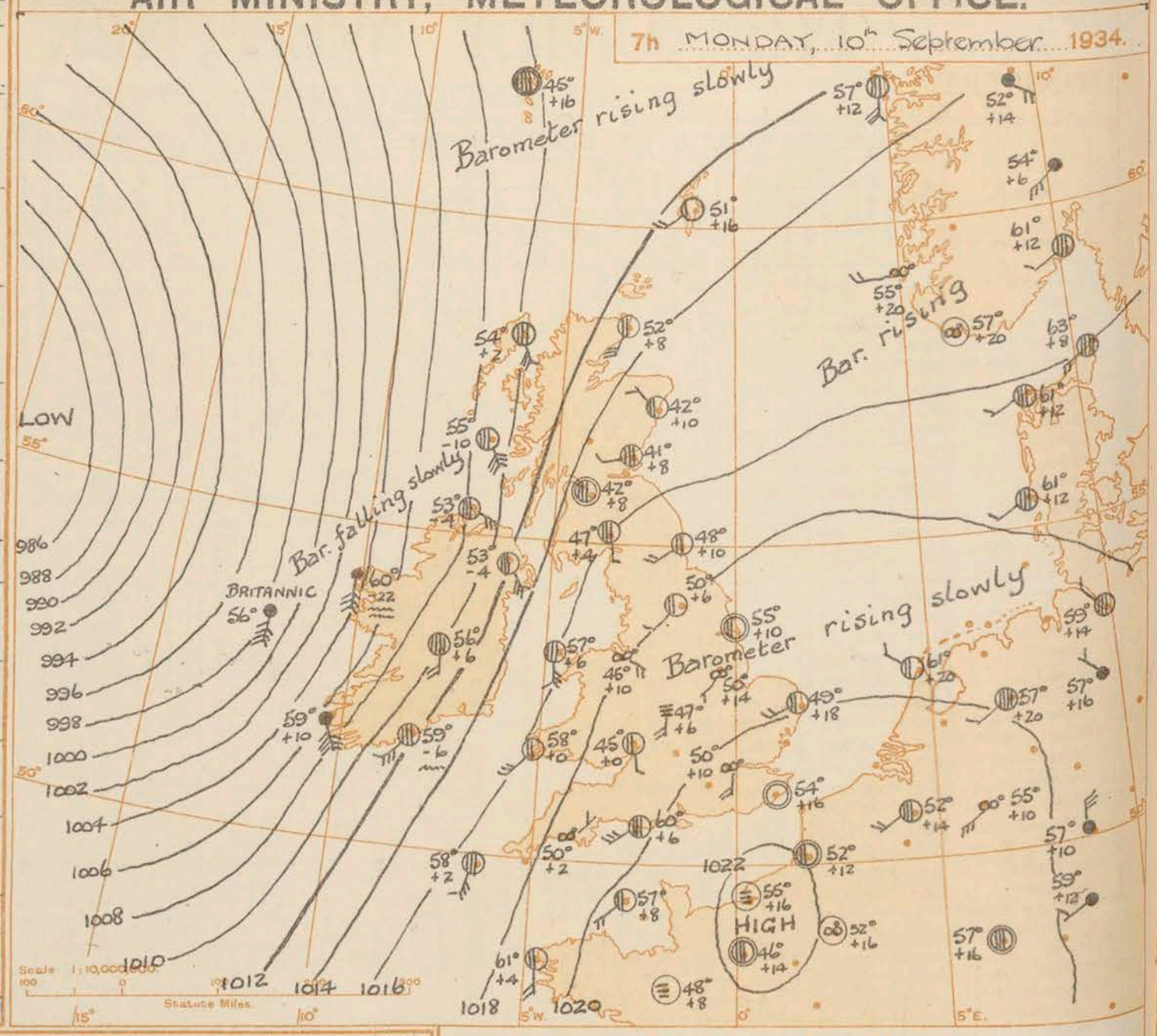
REPORTS from HEALTH RESORTS for 9th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 8m. to 9h. 9m.	Temperature. Max. 9h.—17h. 9m.	Rainfall. Night. 17h. 8m. to 9h. 9m.	Rainfall. Day. 9h.—17h. 9m.	Sunshine. Sunrise to 17h. 9m.	Sunshine. Sunrise to Sunset. 8m.
1	Tunbridge W.	cop bc	b	57	69	Trace	Trace	84	7·0
	Bournemouth	b	b	57	67	·2	–	95	2·1
	Ventnor ...	r bc b	b	58	67	22	–	100	4·1
	Southsea ...	b	b	59	68	9	–	100	3·3
	Bognor Regis	bc bb	b	60	66	6	–	93	3·8
	Littlehampton	c bc	bc	60	65	6	–	85	4·4
	Worthing ...	cbc b	b bc b	61	66	–	–	92	6·3
	Brighton ...	bc b	b bc	61	66	Trace	–	92	5·1
	Eastbourne†	bc pcv	b bc b	61	65	Trace	Trace	92	8·2
	Hastings† ...	cbc ofc	cbc b	60	67	–	Trace	86	6·9
	Folkestone ...	c bc	bc b	61	67	Trace	–	79	9·6
	Dover... ...	cbc	bc	62	67	–	–	76	10·0
	Deal	cc bc	b	60	68	–	–	67	8·8
	Ramsgate ...	cbc	bc	61	70	–	–	77	8·9
	Margate ...	bc p.	bc	60	71	Trace	Trace	77	9·5
2	Southend ...	bc r.	bc	59	73	–	Trace	74	6·2
	Maldon ...	bc p.	b	56	72	–	Trace	77	5·6
	Clacton-on-Sea	cbc	bc y	61	69	–	–	74	5·5
	Dovercourt ...	bc v	bc v	59	71	–	–	76	6·5
	Lowestoft ...	b	bc	60	71	–	–	67	7·6
	Skegness ...	bc	bc or	58	68	Trace	Trace	64	3·7
	Mablethorpe	bc	cpr.	55	68	–	Trace	48	3·3
	Cleethorpes...	bc	bc r.	55	68	0·1	Trace	51	4·2
3	Leamington S.	oc	c	56	66	–	–	53	1·6
4	Cheltenham†	bc c	cp. c	56	64	Trace	Trace	36	4·2
5	Bath	bc cp.	cbc b	57	66	2	Trace	70	1·9
	Weymouth ...	b	b	58	68	1	–	105	0·6
	Jersey ...	cb	b	60	65	–	–	87	3·2
	Torquay ...	p bc b	b bc	55	67	0·6	–	85	4·1
	Penzance ...	b	b	55	67	3	–	93	8·5
	St. Ives ...	b	b	55	61	2	–	101	9·3
	Bude	p cbc	bc	51	62	1	–	77	7·8
	Ilfracombe ...	bc c	bc cbc	57	62	1	–	60	7·6
6	Aberystwyth	pr cbc	bc c	56	62	1	–	39	9·1
7	Llandudno ...	cd. c	cbc b	55	62	0·6	Trace	41	10·5
	Colwyn Bay...	bc cpc	bcbc b	56	62	0·3	0·6	55	11·1
	Rhyl	bc cpr	cbc b	54	63	–	–	58	9·7
8	Wallasey ...	b bc cp	bc b	56	63	–	Trace	62	8·1
	Southport‖ ...	bc cp	bc	55	63	–	Trace	60	8·4
	Blackpool ...	cpc	cbc	55	63	–	0·2	62	10·4
	Morecambe ...	cbb bc	cd pbc	56	63	–	Trace	70	9·7
9	Ilkley	bc	bc	51	64	0·3	–	55	5·9
10	Berwick-on-T.	c	pr. c	52	63	0·5	1	19	7·2
11	Dumbar ...	bc	bc p	52	66	–	0·3	45	9·9
12	Troon... ...	r bc b	bc pcb	55	62	4	0·6	60	6·4
	Douglas ...	bc b	cbbcb	55	63	6	–	71	(9·8)

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 10th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light southwest or south wind, freshening; mainly fine or fair; rather warm day.
4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓ 7. North Wales 8. N.W. England	Moderate or fresh southerly wind, strong locally, probably veering; mainly cloudy; occasional rain spreading eastwards; average temperature.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light southerly wind, freshening; fair today, perhaps less settled later; rather warm day.
12. S.W. Scotland & Isle of Man 13. { A. W. Scotland ↓ / B. N.W. Scotland ↓	Moderate or fresh southeast or south wind, strong or gale locally on coast; cloudy, occasional rain; average temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 9 - 11.
17. N.W. Ireland ↓ 18. N.E. Ireland 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Strong southerly wind, gale locally on coast, veering; cloudy, occasional rain, bright periods later; average or rather low temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◑ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⅄ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone over France extends to Eastern England and the North Sea. Secondaries to an intense depression on the Atlantic will probably move northeast Weather will be mainly fine or fair in the East and Southeast; but unsettled, with strong winds, in the West.

FURTHER OUTLOOK.

Mainly fair in the Southeast, unsettled elsewhere.

Times of issue of Gale Warnings.

↓ South cone at 1900 on 9th in districts 5 (part of) 6, 19 and 20; at 0300 on 10th in district 17 and at 0845 on 10th in districts 13A and 13B.

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.

Morning of
Monday
10th. September
1934.

HIGH
LOW
1012
1016
1020
1024
1028
1008
1004
1000
996
992
988
984
980
976

Clarke's Projection Scale 1.4 × 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

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

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

Monday 10th September 1934.

No. 24530

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

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1018·9	+10	S'W	1	b	49	95	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1018·4	+16	WNW	2	b	52	85	8	-	-	-	0	0	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017·5	+1·4	SW'LW	1	b	57	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1018·3	+4	W	3	bc	56	85	8	4	-	-	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1018·2	+2	SE'E	1	b	53	95	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1018·2	+2	S'W	3	b	53	95	8	-	-	-	0	0	-
	Guernsey	175	1019·9	+4	-	0	b	55	95	7	-	-	-	0	0	-
6	Pembroke	142	1015·4	+6	SW	3	bc	57	85	8	5	-	-	4-6	4-6	4000
7	Holyhead	26	1015·2	+6	SSW	5	bc	57	95	7	5	-	-	2-3	2-3	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1016·9	+1·0	NNW	5	bc	55	85	7	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1015·2	+1·2	NW	2	b	51	95	7	-	-	-	0	0	-
11	Inchkeith	190	1014·3	+3	SW	3	b	50	95	8	-	-	-	0	0	-
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1015·6	+6	SSW	3	bc	50	95	7	8	-	-	2-3	2-3	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1016·7	+1·6	WSW	2	b	46	95	8	5	-	-	Tr	Tr	2500
16	Lerwick	54	1008·4	+2·0	WSW	4	bc	53	95	8	5	-	-	4-6	4-6	1500
17	Blacksod Point	18	1008·0	-1·8	S	4	c	58	85	7	6	-	-	10	10	450
18	Malin Head	52	1010·8	-1·0	S'E	3	b	50	85	8	5	-	-	Tr	Tr	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1010·4	-6	S	6	w	56	95	6	9	-	-	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1021·0	+1·4	-	0	c	49	95	6	-	-	2	0	7-8	-	0	*
1020·5	+1·0	S	2	bc	50	95	6	-	-	6	0	2-3	-	1	*
1020·8	+1·4	S'E	1	bc	44	95	6	1	3	2	Tr	4-6	2500	1	*
1019·8	+1·0	E'S	2	cz_0	47	95	6	5	-	8	1	7-8	4000	1	*
1020·1	+1·0	N	1	c	53	95	6	5	-	-	9	9	1500	0	1
1021·2	+1·8	-	0	b	54	85	8	-	-	-	0	0	-	1	§0
1020·6	+1·8	W	2	b$_m$	53	95	4	-	-	-	0	0	-	0	*
1019·5	+1·6	-	0	bz_0	52	95	5	-	1	1	0	Tr	-	0	*
1020·3	+1·6	NW	1	bz_0	54	85	6	-	-	1	0	Tr	-	0	0
1019·3	+1·8	WSW	2	bc	49	95	6	4	-	-	2-3	2-3	4000	0	2
1019·5	+1·4	SW'S	1	bcz_0	50	95	6	-	5	6	0	4-6	-	0	*
1019·5	+1·2	S	2	bcF	57	95	1	-	-	1	0	2-3	-	0	*
1020·4	+1·2	-	0	bcf-	47	95	3	-	-	-	0	0	-	1	*
1018·8	0	S	1	bcf$_g$	46	95	6	5	-	6	1	4-6	1500	0	*
1019·5	+1·6	SW	3	c	60	85	8	4	-	-	7-8	7-8	2500	1	3
1018·7	+1·2	NE	1	c	50	95	6	5	-	1	7-8	7-8	1500	0	1
1017·9	+1·2	S'W	4	bc	47	95	8	4	7	-	2-3	4-6	2500	0	3
1017·5	+1·2	S'W	4	c	58	95	7	8	-	-	9+	9+	2500	0	2
1020·4	+1·8	SW	2	bc	57	95	8	1	1	-	2-3	4-6	1500	1	2
1016·2	0	SSW	3	bcq	58	85	7	6	6	9	2-3	4-6	5700	0	3
1016·8	+1·6	S	4	c	57	85	8	1	3	1	4-6	7-8	1500	0	2
1018·2	+1·0	SE	2	cz_0	45	95	5	-	-	6	0	7-8	-	0	*
1018·1	+1·2	SE'E	2	bc	48	95	7	5	-	4	1	4-6	2500	1	*
1018·4	+1·8	SSE	1	cz_0	47	95	6	-	-	9	0	9	-	1	*
1018·2	+1·0	SSW	1	bc	50	95	5	-	-	2	0	2-3	-	0	*
1019·4	+1·0	-	0	bc	55	65	7	-	1	1	0	2-3	-	0	1
1018·2	+1·4	S	1	F+	43	95	1	-	-	-	10	10	4150	0	*
1016·9	+1·0	WSW	2	bcm	48	85	4	5	-	1	2-3	4-6	1800	1	1
1015·0	+1·6	S	2	c	53	78	7	5	-	6	2-3	7-8	2500	1	1
1015·7	+1·6	W	1	c	41	95	6	7	3	4	Tr	7-8	4000	10	*
1014·7	+1·8	-	0	c/f	42	95	5	8	5	1	4-6	7-8	7200	1	*
1016·6	+1·4	S	1	c	47	85	6	5	-	-	9+	9+	800	1	*
1009·4	-1·0	SSE	6	c	55	78	7	5	5	8	1	9+	4000	0	3
1010·6	+1·2	SSE	4	c	54	85	8	5	7	-	7-8	9+	1500	1	2
1015·3	+1·0	S	4	bc	45	95	8	8	-	5	4-6	4-6	1500	1	*
1015·3	+1·0	NW	1	bc	42	95	7	-	4	1	0	2-3	-	1	1
1013·6	+1·8	SSW	3	bc	52	95	8	5	1	1	2-3	2-3	2500	1	2
1012·4	+1·6	SW	2	b	51	95	8	5	-	-	Tr	Tr	2500	0	*
1003·3	-2·2	S	6	ir	60	85	6	6	-	-	10	10	450	1	5
1008·2	-1·4	SE	3	c	53	85	8	8	4	-	7-8	9+	1500	1	1
1012·2	-1·4	SSE	4	c	53	75	8	5	3	-	7-8	9	2500	1	*
1013·2	+1·4	SW	2	bc	54	85	8	7	3	-	4-6	4-6	2500	0	1
1010·4	+1·6	S	2	c/r	56	95	7	6	-	7	7-8	10	1500	1	*
1007·2	-1·0	S'E	7	ir$_0$	59	95	6	5	2	-	7-8	10	800	1	3
1012·1	-1·6	SW	4	c	59	95	8	3	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

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 Hrs. (36)
67	46	35	Tr	-	7·9
67	46	42	1	Tr	6·8
69	37	29	Tr	Tr	8·4
65	41	39	-	Tr	8·6
67	49	42	Tr	-	9·6
67	49	44	Tr	Tr	8·6
70	48	42	0·2	-	8·8
70	44	34	-	-	8·7
70	51	46	-	-	7·4
71	48	47	-	-	7·7
67	44	39	Tr	-	5·2
65	45	40	0·3	-	4·6
66	43	35	0·1	0·2	*
66	42	33	-	-	5·1
63	55	*	-	-	*
64	47	45	-	-	6·7
63	52	*	-	-	*
63	53	*	-	-	10·9
64	53	48	-	-	11·2
61	55	*	-	-	7·4
62	56	51	-	-	6·4
63	42	34	Tr	-	6·0
61	47	44	2	-	7·2
65	41	33	0·2	-	6·4
65	44	38	-	-	5·6
69	51	*	-	-	5·7
67	41	33	Tr	-	6·2
66	47	43	2	-	*
61	48	35	0·2	-	7·2
66	39	31	Tr	-	8·1
(65)	38	34	Tr	-	8·1
62	36	30	10	Tr	3·5
60	54	34	-	-	9·8
59	49	*	0·1	0·2	4·3
59	35	31	1	-	4·9
65	39	32	7	Tr	6·3
61	44	*	3	-	*
58	50	*	0·4	Tr	2·8
62	47	38	-	Tr	*
59	47	*	0·3	-	6·9
62	47	43	-	-	5·8
63	48	*	0·2	-	*
62	47	38	-	0·1	7·7
61	55	53	-	0·1	6·1
62	55	*	-	-	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	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	bc p$_0$c	bc by$_v$	ba$_w$bc	67	46	39	Tr	-	7·9	*	*	6
Croydon	217	ddr bc	bc cy b	bb bcw	67	46	42	1	Tr	6·8	*	*	7
Greenwich (Royal Observatory)	149	cpy$_w$	cyb	bm$_w$w	71	44	32	Tr	-	7·8	49	67	6
City (Bunhill Row)	—				*	*	*	*	*	8·0	*	*	*
Westminster (St. James' Park)	27	bc	bc	b	69	48	42		-	8·7	75	71	*
Regents Pk. (Botanic Gardens)	168				68	48	39	-	-	7·1	69	67	*
Camden Square	110	c	cb	b	70	43	41	-	-	*	*	74	*
Kensington	80	bc	bc	bcw	69	47	37	-	-	6·7	At 18h. 46	69	*
Hampstead Observatory	450	bc	b	bc	66	46	41	-	-	7·2	*	81	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Defective Record			

Kew Observatory. Max.	Time.	Min.	Time.
0·1	06h. 10m.	<0·1	Rest of Period

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.
Paris	1016·3	NW	3	bc	68	1021·6	-	0	b$_0$	52
Brussels	1015·2	WSW	2	c	64	1020·6	SW	2	c	52
Berlin	1015·0	ESE	1	bc	73	1018·4	E'S	1	c	64
Zürich						1019·8	WNW	3	RP	55
Rome						1013·9	SE	3	bc	72

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
75	46	Tr	-
68	42	0·2	-
73	59	-	-
	55		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.

† Two observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday September 11th 1934.

No. 25a. 591.

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

District	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)
1	London (Kew)	1021.6	-4	SW	2	bc	67	65	8	8	-	1	4-6	4-6	2500
	Croydon	1021.5	+2	SSW	3	bc	66	65	8	7	-	1	4-6	4-6	4000
	S. Farnborough	1021.5	+2	S'W	4	bc	66	65	7	8	-	8	4-6	4-6	4000
	Boscombe Down	1020.3	-2	SSW	4	c	66	65	8	2	-	-	7-8	7-8	2500
	Calshot, S'thmtn	1021.7	+4	SSW	4	bc	67	65	8	7	-	5	1	2-3	2500
	Lympne	1023.0	+8	SW's	3	bc	66	55	8	1	-	1	4-6	4-6	4000
	Manston	1022.1	+2	NNE	1	bc	65	65	7	7	-	1	4-6	4-6	4000
2	Shoeburyness	1021.9	0	WSW	1	bc	68	75	8	1	-	1	2-3	4-6	2500
	Felixstowe	1021.5	-2	S	4	bc	66	65	8	7	-	1	4-6	4-6	4000
	Gorleston	1022.1	+14	SES	4	bc	66	65	7	2	-	-	4-6	4-6	2500
	Cranwell	1020.6	-2	SSW	3	b	67	55	8	1	-	1	Tr.	1	4000
3	Birmingham	1019.6	0	SSW	4	bc	65	55	8	4	-	-	4-6	4-6	2500
	Upper Heyford	1020.8	-4	SW	3	c	65	65	8	8	4	1	4-6	7-8	1500
4	Ross-on-Wye	1019.4	+12	S	3	bc	66	55	8	7	-	-	2-3	2-3	4000
5	Portland Bill	1021.7	+10	SW	3	bc	63	75	7	4	-	1	2-3	4-6	2500
	Plymouth	1020.4	+4	S	4	c	61	95	8	8	6	-	4-6	9	1500
	The Lizard	1019.9	+6	S'E	4	bc	63	85	8	4	3	9	2-3	4-6	4000
	Scilly (St. Mary's)	1018.9	+10	S'W	4	c	65	75	7	8	7	9	2-3	7-8	2500
	Guernsey	1022.3	+6	SSW	2	bc	65	75	8	8	-	-	4-6	4-6	2500
6	Pembroke	1017.0	+4	SSW	3	c	62	85	7	5	-	-	9+	9+	4000
7	Holyhead	1015.9	+2	S	5	c	62	75	8	8	7	-	7-8	9+	2500
	Chester (Sealand)	1018.6	-2	S	3	c	68	55	8	5	-	1	7-8	9	4000
8	L'pool (Bidston)	1018.4	0	S'W	3	c	64	55	8	5	-	6	9	9+	4000
	Manchester	1019.0	+2	SSW	4	c	64	55	7	1	4	6	4-6	7-8	2500
9	Harrogate	1018.3	0	SSW	3	bc	65	45	7	1	-	9	Tr.	2-3	5700
10	Spurn Head	1020.0	0	SW	4	bc	68	55	8	-	6	1	0	2-3	-
	Catterick	1017.9	-2	SSW	4	bc	67	45	7	1	-	8	2-3	2-3	1500
	Tynemouth	1017.4	-4	S	3	bc	65	55	6	2	-	-	4-6	4-6	2500
11	Inchkeith	1015.2	+2	SW	3	c	60	65	8	8	6	3	7-8	9+	2500
	Leuchars	1016.2	+2	SSW	4	c	62	65	7	7	6	-	4-6	7-8	2500
12	Renfrew (Abbotsl.)	1013.9	-2	S	4	c	60	75	8	5	7	-	4-6	9+	2500
	Eskdalemuir	1016.2	0	SW	4	c	57	65	8	5	1	-	7-8	9+	2500
13a	Tiree	1007.4	-4	S'SE	6	rr	57	95	6	6	2	-	7-8	10	1500
13b	Stornoway	1007.5	-10	SSE	5	c	58	75	8	5	7	-	7-8	10	1500
15	Dalwhinnie	1012.6	-10	S	7	c	56	65	8	8	4	-	4-6	7-8	2500
	Aberdeen	1015.8	0	S'E	4	c	57	85	8	7	7	1	2-3	7-8	800
	Wick	1012.7	-10	SE	3	c	57	85	8	8	4	-	4-6	7-8	1500
16	Lerwick	1014.5	0	S	3	bc	55	85	8	4	3	9	1	4-6	1500
17	Blacksod Point	1006.0	+10	S	5	q	60	85	7	3	-	-	10	10	1500
18	Malin Head	1005.9	-4	S'E	5	w	62	85	7	8	-	-	10	10	1500
	Aldergrove	1011.0	-4	S'E	5	c	61	85	8	5	-	-	10	10	1500
	Donaghadee	1012.8	-2	SSW	5	q	60	75	8	5	-	-	7-8	7-8	1500
19	Birr Castle	1011.1	+8	S	4	rg	61	95	7	6	-	-	10	10	2500
20	Valentia Obsy.	1011.5	+18	S	6	c	61	85	8	5	-	-	7-8	7-8	1500
	Roches Point	1013.4	+12	SW	4	ir	59	95	6	6	-	-	10	10	1500

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

District	Stations. (For heights see p. 4.)	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)
1	London (Kew)	1022.0	+6	SW's	2	bc	66	65	8	7	-	1	1	2-3	800	0	*
	Croydon	1021.7	+6	SSW	3	b	63	65	8	7	3	1	Tr.	1	4000	0	*
	S. Farnborough	1022.0	+6	SSW	3	b	61	75	7	4	-	-	Tr.	Tr.	5700	0	*
	Boscombe Down	1021.5	+10	SSW	3	b	60	75	7	-	6	-	0	Tr.	-	1	
	Calshot, S'thmtn	1021.9	+2	SW's	3	b	62	75	8	1	-	-	1	1	2500	0	1
	Lympne	1023.5	+8	SWW	3	b	61	75	8	1	-	1	Tr.	Tr.	4000	1	§ 1
	Manston	1022.5	+6	S'W	3	bc	61	85	7	5	6	9	Tr.	4-6	5700	0	*
2	Shoeburyness	1022.1	+2	SW's	2	bc	65	75	8	7	3	-	4-6	4-6	4000	0	*
	Felixstowe	1021.9	+4	S'E	4	bc	63	85	8	7	-	1	2-3	2-3	5700	0	2
	Gorleston	1021.6	+4	S'E	4	bc	64	75	7	4	-	-	2-3	2-3	2500	0	2
	Cranwell	1020.4	+2	SW's	2	c	64	65	8	7	-	-	7-8	7-8	4000	0	*
3	Birmingham	1020.2	0	SSW	2	bc	63	55	8	5	-	-	4-6	4-6	4000	0	*
	Upper Heyford	1021.0	+6	SW	3	c	62	65	9	7	7	5	4-6	7-8	2500	1	*
4	Ross-on-Wye	1020.0	+6	SSW	3	c	62	75	8	5	-	-	9	9	4000	0	*
5	Portland Bill	1021.7	0	SW	3	bc	61	85	8	4	-	-	2-3	2-3	2500	1	3
	Plymouth	1020.9	+4	S'W	4	bc	61	95	8	8	3	-	2-3	4-6	2500	0	2
	The Lizard	1020.5	0	SSW	4	c	60	95	8	4	-	-	9+	9+	4000	0	3
	Scilly (St. Mary's)	1019.2	0	SSW	4	c	61	95	6	5	-	-	9+	9+	2500	0	3
	Guernsey	1022.0	-2	-	0	b	62	75	8	-	-	-	0	0	-	0	2
6	Pembroke	1017.2	+4	SSW	3	c	60	95	7	5	-	-	9+	9+	4000	1	3
7	Holyhead	1016.3	+4	S'W	5	c/d	60	95	7	6	7	-	7-8	9+	800	1	3
	Chester (Sealand)	1018.7	+2	S'E	2	c	63	75	7	5	-	1	7-8	7-8	4000	0	*
8	L'pool (Bidston)	1018.7	+2	S	3	bc	61	75	9	5	-	2	4-6	4-6	4000	0	*
	Manchester	1018.8	+2	SSW	3	c	64	55	7	4	-	-	9+	9+	4000	0	*
9	Harrogate	1018.6	0	SSW	1	c	61	65	6	-	7	-	0	7-8	-	0	*
10	Spurn Head	1020.0	0	WSW	3	c	66	65	8	7	7	-	4-6	7-8	4000	0	2
	Catterick	1017.9	+6	S	1	bc	63	55	7	4	-	2	2-3	4-6	4000	0	*
	Tynemouth	1018.1	+4	SW	2	bc	64	65	6	4	-	-	4-6	4-6	4000	1	1
11	Inchkeith	1014.2	-4	S	3	c	61	75	8	8	7	8	4-6	9+	2500	0	2
	Leuchars	1014.5	-10	SSW	2	c	59	75	7	5	7	8	7-8	9	2500	0	*
12	Renfrew (Abbotsl.)	1012.6	-6	SSW	4	ir	59	85	6	5	-	-	10	10	800	1	*
	Eskdalemuir	1015.6	-4	SW	5	c	57	75	8	5	2	-	7-8	10	2500	1	*
13a	Tiree	1008.6	+14	SE	4	b	57	85	7	2	4	2	Tr.	1	2500	1	3
13b	Stornoway	1006.1	-4	SSW	6	c/pr	57	85	7	8	7	-	7-8	7-8	1500	1	3
15	Dalwhinnie	1011.1	-4	S	7	rr	55	85	5	3	2	-	7-8	10	800	1	*
	Aberdeen	1015.0	-2	S'E	3	c	57	85	6	5	7	-	4-6	9	1500	1	2
	Wick	1011.1	-4	SSE	6	c	57	85	7	8	4	-	4-6	9	1500	1	3
16	Lerwick	1012.8	-6	S	4	c	55	85	8	5	3	-	4-6	7-8	1500	0	*
17	Blacksod Point	1009.3	+18	S	5	q	59	85	7	3	-	7	4-6	4-6	1500	1	4
18	Malin Head	1009.0	+10	S	4	c	60	85	7	8	8	3	4-6	7-8	1500	1	1
	Aldergrove	1012.2	+16	S	3	bc	57	95	8	8	-	1	4-6	4-6	1500	1	*
	Donaghadee	1013.4	+8	SW	2	ir	57	95	6	6	-	-	10	10	800	1	1
19	Birr Castle	1013.2	+14	WSW	2	bc	61	75	8	5	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy.	1014.3	+14	S'W	4	c	59	75	8	8	8	1	4-6	7-8	1500	1	3
	Roches Point	1014.3	+6	SW	4	bc	57	95	8	3	-	-	4-6	4-6	2500	1	4

PAST 24 HOURS.

Weather 7h.–13h. (37)	Weather 13h.–18h. (38)	Weather 18h.–1h. (39)	Weather 1h.–7h. (40)
cm. bc	bc y b	b f	b o f b
bc	bc b y	b w	b w m.
bc m. bc	bc b y b	w b m	b w m F
c m. c	c b c b	b	b f o F
c m. b c b	b	b	b c b m.
b b c y	b c y b	b w	b w f
b m b c y	b c	*	b m.
bc	bc	b	b F
b z. b c y	bc	b c b w	b w f b z.
bc	bc	b c b	b w
b c c b y	b y c	bc	c m.
F b c	bc	b c c	c
c b c z.	b c y	f	b c f
b b c	b c y c	c	c b c w
c b c	bc	b c b	b b c
c m.	c b c	b c c	c b c w
b c p r.	b c c	c b c w	b b c c w
c b c c	c	c b c c w	c w b c c
bc c c	b c b	b c c w	b c w
c	c p r q c	c q p r. c	c q. c
c	c i d.	d. r. c	d. r. c
b c c	c y b c	b c c	c
b c c y	b c y c v	b c c b	b c b c
b c z.	b c c y	c b c m.	b c c m.
b b c	b c c	c b c	b c c
b c	b c	b c	c b c
b c	c b c z.	b c z. b	b c c
c o r r	i R b c	b b c	b c i d.
c	c r r. p r	c p r. b c	b c c p r.
b c	r r	*	i r
b w m. b c	b c c z.	c z. g	c z.
b c c	c	p r. b c	b c c
b b c	b c c	c c r r m.	b c
r r b c o	b c q	b c q	b c q
c	c p r b c	b c	b c
c	c r c n t r d	b c c	c b c b
b c c q	i r m z.	b c c	c
c o r r.	r r c d c	b c b	b
c r r c	c b c c	c b c	b c c p r. b c
c o i r	o i r b z.	b c w	b c w

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s., slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s./k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☿ lunar halo. ⁓ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb–St).
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 5 ins., but ground not frozen.
8 Covered with snow, less than 5 ins., and ground frozen.
9 Covered with snow greater than 6 ins. deep.

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

§ Sea disturbance reported from Dungeness.

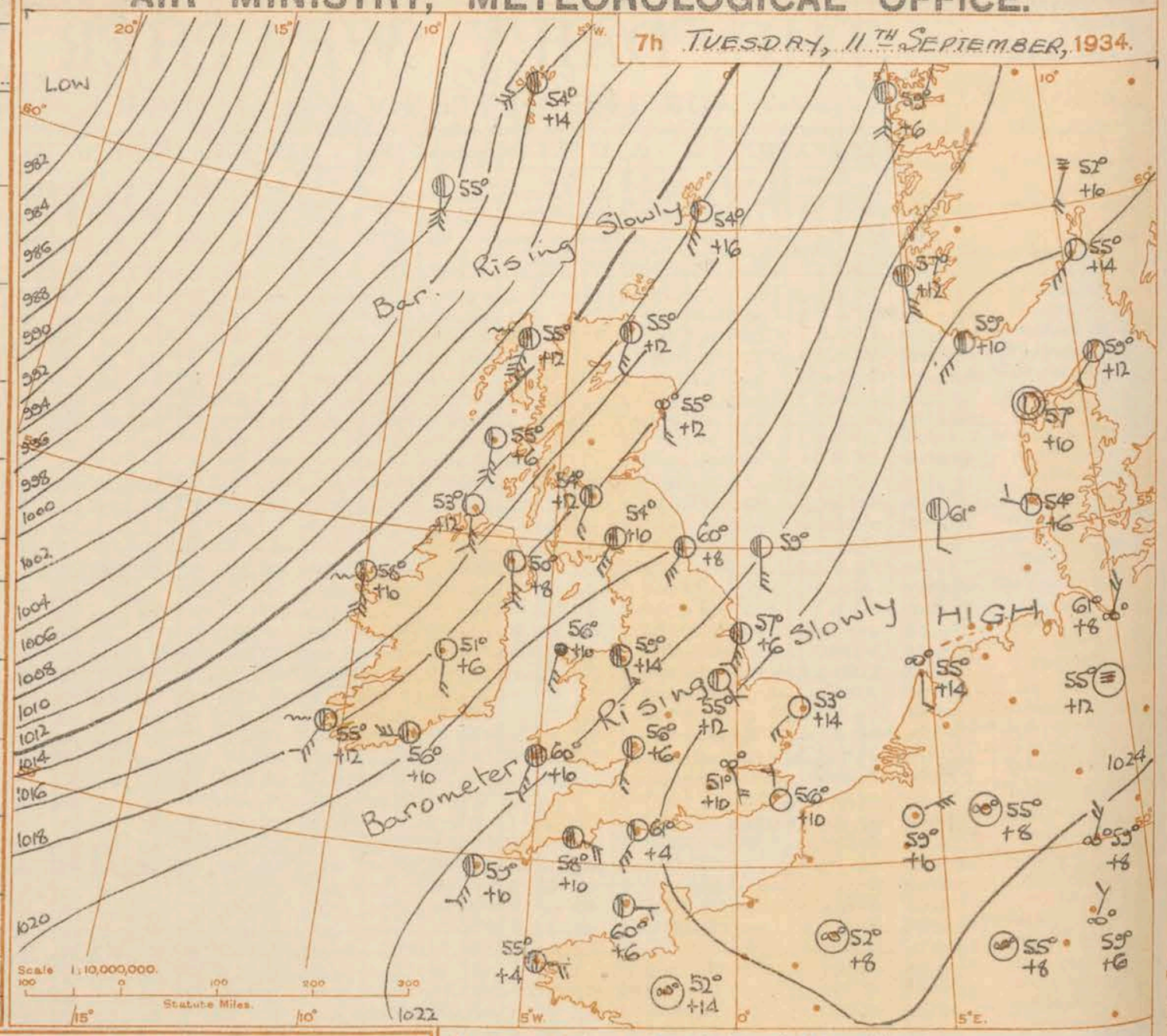
REPORTS from HEALTH RESORTS for September 10th 1934.

Districts	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.
1	Tunbridge W.	b	b	42	69	–	–	10.6	8.9
	Bournemouth	b	b	45	67	–	–	9.8	10.4
	Ventnor ...	bcpb	b	55	66	Trace	–	10.2	10.7
	Southsea ...	bcpb	b	51	68	–	0.2	8.5	10.3
	Bognor Regis	bc	rcb	49	66	Trace	Trace	9.7	9.7
	Littlehampton	bcb	b	46	67	–	–	9.2	9.2
	Worthing ...	b	b	48	66	–	–	10.7	9.5
	Brighton ...	bcb	b	47	67	–	–	9.7	9.8
	Eastbourne† ...	b	bv	48	67	–	–	10.7	9.6
	Hastings† ...	bcb	b	50	69	–	–	10.7	9.3
	Folkestone ...	b	b	51	68	–	–	10.7	8.4
	Dover... ...	ybc	bcb	51	67	–	–	11.2	8.3
	Deal	b	b	50	69	–	–	10.3	7.4
	Ramsgate ...	bc	bc	52	66	–	–	9.5	8.2
	Margate ...	bc	bc	52	67	–	–	9.1	8.2
2	Southend ...	b3	bbcc	51	73	Trace	–	7.7	7.7
	Maldon ...	b	bbc	47	73	–	–	8.1	8.0
	Clacton-on-Sea	bc	bc	49	66	–	–	8.9	8.0
	Dovercourt ...	bc	bcv	50	68	–	–	10.4	7.6
	Lowestoft ...	b	b	45	66	–	–	10.4	6.7
	Skegness ...	bcb	bbc	48	69	–	–	9.5	6.5
	Mablethorpe	bc	bc	44	69	–	–	10.1	4.8
	Cleethorpes ..	bc	bv	54	70	–	–	10.3	5.4
3	Leamington S.	bcc	c	41	69	–	–	7.1	6.1
4	Cheltenham†	bwqbc	bcc	45	66	Trace	–	7.3	4.0
5	Bath	cbcb	bbc	42	69	–	–	6.3	8.1
	Weymouth ...	b	b	47	67	–	–	9.6	10.7
	Jersey ...	bc	b	54	69	–	–	10.0	10.0
	Torquay ...	vibc	bc	47	64	–	–	7.0	8.5
	Penzance ...	bccbc	cbcc	51	66	–	–	2.2	9.9
	St. Ives ...	c	c	52	65	–	–	3.4	11.3
	Bude	bcc	c	48	66	–	–	2.1	8.5
	Ilfracombe ...	cbcb	bcc	52	69	–	–	5.2	6.7
6	Aberystwyth	bcc	cbc	50	65	–	–	4.1	5.1
7	Llandudno ...	bccbc	c	51	69	–	–	4.3	5.0
	Colwyn Bay...	bcbcc	bcbcc	52	67	–	–	4.7	6.6
	Rhyl	bcc	cbc	48	68	–	–	4.2	6.8
8	Wallasey ...	mbbcc	c	49	68	–	–	4.2	7.3
	Southport‖ ...	bc	bcc	47	68	–	–	5.2	6.9
	Blackpool ...	c	c	47	67	–	–	5.3	6.6
	Morecambe ...	b	cbcc	48	67	–	–	7.8	7.8
9	Ilkley... ...	b	b	40	68	–	–	9.5	6.6
10	Berwick-on-T.	cbc	c	43	65	–	–	7.0	2.7
11	Dunbar ...	bc	bc	46	65	–	–	6.3	5.1
12	Troon... ...	cbwbc	bcofc	47	61	–	Trace	2.5	6.9
	Douglas ...	bccm	ocm	49	61	–	–	2.1	8.4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h TUESDAY, 11TH SEPTEMBER, 1934.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T 11th Sept, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light southeast or variable wind; mainly fine, but morning mist or fog; warm afternoon, cool night.
5. S.W. England. 6. South Wales 7. North Wales	Light or moderate south or southeast wind; fair; rather warm afternoon.
8. N.W. England	Light or moderate southwest or south wind; mainly fair; rather warm afternoon.
9. N Midlands 10. N.E England 11. S.E. Scotland	Light southerly wind; fair, perhaps local morning mist or fog; rather warm afternoon.
12. S.W. Scotland & Isle of Man	As 8.
13. A. W Scotld B. N W. Scotland	Fresh southwest or south wind, stronger locally; showers, bright intervals; average temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate southerly wind, fresh locally, mainly fair; average or rather high temperature.
17. N.W. Ireland	Fresh southwest or south wind, strong locally; showers and bright intervals at first, perhaps occasional rain later; average temperature.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh southwest or south wind; mainly fair today, perhaps occasional rain later; average temperature.

H.M. Stationery Office Press, Kingsway, W.C.2. Ps.2550/2781 Wt.8015 D.8009 Gp.308 2722

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ 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. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A belt of high pressure extends from the Baltic across Southeast England to the Azores. A depression off Southeast Iceland is moving north, but there are indications of a secondary development some distance out on the Atlantic. There will be local showers in the Northwest and perhaps occasional rain later in the extreme West. Weather will be fine or fair in England and Wales.

FURTHER OUTLOOK.

Unsettled in the extreme West and Northwest, fair over most of England and Wales.

Time of issue of Gale Warnings.

South cone at 0845 on 10th in districts 12, 13A, 13B
South cone at 0200 on 10th in district 17.

Forecasts issued at 1000 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.

Morning of
TUESDAY,
11TH SEPTEMBER
1934.

Clarke's Projection Scale 1: 4×10^7 along meridian at 55°N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday September 11th 1934.

No. 26 591

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

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1023·7	+2	S'E	1	b	51	95	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·5	+2	N	1	b	53	95	8	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1022·9	+4	SWW	2	b	59	85	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill....	32	1023·2	+6	SSW	3	b	61	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·7	+2	S'E	3	b	58	95	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1020·8	+4	S'W	4	c	58	95	7	5	-	-	7-8	7-8	2500
	Guernsey ...	175	1023·0	-2	-	0	bc	58	95	7	4	-	-	4-6	4-6	2500
6	Pembroke ...	142	1019·1	+4	SW	4	q	61	95	7	5	-	-	10	10	4000
7	Holyhead ...	26	1018·8	+10	SSW	3	cd	56	95	6	6	2	-	9	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·9	+4	WSW	3	bc	57	85	8	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1018·2	+2	W	3	bc	60	75	7	5	-	-	4-6	4-6	2500
11	Inchkeith ...	190	1016·4	+18	SW	1	b	56	95	8	-	4	-	0	Tr	10184
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	-
13B	Stornoway ...	34	1007·8	+8	SSW	8	bc	56	85	7	5	4	-	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012·9	+12	SW	3	bc	55	85	8	8	1	-	4-6	4-6	1500
16	Lerwick ...	54	1012·1	0	S'W	5	[illegible]	54	95	5	6	-	-	10	10	450
17	Blacksod Point	18	1012·4	+16	S	5	q	57	85	7	3	-	-	4-6	4-6	1500
18	Malin Head ...	52	1012·8	+6	S	4	q	54	95	7	5	4	-	Tr	1	1500
	Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1015·8	+10	SW	1	b	56	75	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	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)
1	London (Kew)...	1025·3	+12	-	0	fb-	50	95	3	-	-	5	0	Tr	-	0	*
	Croydon ...	1024·9	+10	SSE	2	b3o	51	95	6	-	-	1	0	1	-	0	*
	S. Farnborough	1024·9	+10	S	2	fo-	49	95	2	5	-	-	10	10	<150	1	*
	Boscombe Down	1024·1	+8	ESE	2	fo+	50	95	1	5	-	-	10	10	<150	1	*
	Calshot, (S'thmtn)	1024·6	+10	ENE	1	bc	58	95	6	5	-	9	1	2-3	1500	0	1
	Lympne ...	1025·7	+10	N'W	1	b/f	56	95	6	-	-	-	0	0	-	*	§ 0
	Manston ...	1025·0	+6	-	0	b	55	95	6	-	3	-	0	Tr	-	0	*
2	Shoeburyness	1023·9	+10	-	0	fb+	50	95	0	-	-	-	0	0	-	1	*
	Felixstowe ...	1025·4	+6	SW	1	b3o	57	95	6	-	-	1	0	Tr	-	0	1
	Gorleston ...	1025·0	+14	SW'W	2	b	53	95	6	-	-	-	0	0	-	0	2
	Cranwell ...	1023·8	+12	SE	1	bc	55	95	6	5	-	-	4-6	4-6	4000	0	*
3	Birmingham ...	1023·7	+14	SSW	2	c	57	85	8	5	-	-	9	9	4000	0	*
	Upper Heyford	1024·6	+10	-	0	fb-	50	95	1	-	-	-	0	0	-	1	*
4	Ross-on-Wye ...	1022·9	+6	SSW	2	bc	56	95	7	5	-	2	1	4-6	4000	0	*
5	Portland Bill....	1023·4	+4	SSW	3	bc	61	95	7	4	4	-	2-3	4-6	2500	1	3
	Plymouth ...	1023·2	+10	ESE	2	c	58	95	8	5	-	6	1	7-8	450	0	2
	The Lizard ...	1023·1	+8	S'E	3	c	58	95	8	8	7	-	4-6	9+	2500	0	2
	Scilly (St. Mary's)	1022·1	+10	S'W	4	c	59	95	7	5	3	2	2-3	7-8	2500	0	3
	Guernsey ...	1023·6	+6	E'S	1	bc	60	85	7	-	1	1	0	4-6	-	1	1
6	Pembroke ...	1020·5	+10	SSW	4	cq	60	95	7	5	-	-	10	10	2500	1	3
7	Holyhead ...	1020·1	+10	SSW	3	d d	56	95	7	6	2	-	4-6	10	800	1	2
	Chester (Sealand)	1021·8	+14	SE'S	2	c	55	85	7	5	3	6	4-6	7-8	1500	0	*
8	L'pool (Bidston)	1021·6	+10	SE	3	c	59	85	6	-	7	8	0	7-8	-	0	*
	Manchester	1022·0	+16	S'W	3	c3o	59	85	5	5	-	-	9	9	4000	0	*
9	Harrogate ...	1021·8	+6	S	3	c	60	75	6	5	7	1	7-8	9	2500	0	*
10	Spurn Head ...	1023·3	+6	SSW	4	c	57	85	7	4	7	-	4-6	9	2500	0	3
	Catterick ...	1021·3	+14	S'W	3	c	60	85	7	5	-	6	7-8	7-8	4000	0	*
	Tynemouth ...	1020·0	+8	SW	3	bc	60	85	6	2	6	-	4-6	4-6	2500	1	1
11	Inchkeith ...	1022·4	+8	SSW	3	c	55	95	8	8	6	3	7-8	9+	2500	1	1
	Leuchars ...	1018·3	+10	S	3	c	54	95	7	5	7	-	1	9	1500	1	*
12	Renfrew (Abbotsl)	1017·9	+12	SSW	2	c	54	85	6	7	3	-	1	9	4000	1	*
	Eskdalemuir ...	1019·5	+10	SWW	3	c	54	95	6	5	3	-	4-6	7-8	450	1	*
13A	Tiree	1013·6	+6	S	5	bc	55	85	7	2	3	8	Tr	4-6	2500	1	3
13B	Stornoway ...	1011·0	+12	SSW	8	c	55	85	7	8	6	1	4-6	7-8	2500	1	4
15	Dalwhinnie ...	1016·3	+12	SW	5	rr	48	85	8	1	-	4	1	2-3	2500	1	*
	Aberdeen ...	1018·7	+12	S	2	c3o	55	85	6	-	7	9	0	9+	-	1	1
	Wick	1014·8	+12	SSW	3	c	55	85	8	5	1	4	4-6	7-8	2500	0	2
16	Lerwick ...	1014·3	+16	SSW	3	bc	54	95	7	5	2	9	2-3	4-6	1500	1	*
17	Blacksod Point	1012·9	+10	S	5	bcq	58	85	7	4	-	-	4-6	4-6	1500	0	4
18	Malin Head ...	1014·2	+12	S	4	b	53	95	7	2	4	3	Tr	1	800	0	2
	Aldergrove ...	1018·0	+8	S'E	4	bc	60	95	7	5	3	5	1	2-3	2500	1	*
	Donaghadee ...	1018·3	+10	W	1	c	53	95	8	5	3	-	4-6	7-8	1500	0	0
19	Birr Castle ...	1018·2	+6	S	2	b	51	95	7	-	4	-	0	Tr	-	1	*
20	Valentia Obsy.†	1018·0	+12	S'W	4	bc	55	95	8	8	-	9	4-6	4-6	1500	1	4
	Roches Point...	1019·2	+10	W	3	bc	56	95	8	3	-	-	4-6	4-6	2500	1	3

PAST 24 HOURS.

District	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)
1	London (Kew)...	68	47	38	-	-	9·9
	Croydon ...	68	49	43	-	Tr	10·2
	S. Farnborough	70	42	32	-	Tr	8·6
	Boscombe Down	67	46	43	-	0·1	10·6
	Calshot, (S'thmtn)	67	53	46	-	-	9·5
	Lympne ...	68	50	39	-	Tr	11·6
	Manston ...	69	47	41	-	-	10·3
2	Shoeburyness	68	44	35	-	-	8·5
	Felixstowe ...	67	53	45	-	-	10·5
	Gorleston ...	66	52	50	-	-	10·6
	Cranwell ...	69	51	48	-	-	10·0
3	Birmingham ...	66	56	54	-	-	7·0
	Upper Heyford	69	47	39	-	0·1	*
4	Ross-on-Wye ...	67	55	50	-	-	6·4
5	Portland Bill....	64	58	*	-	-	*
	Plymouth ...	63	57	53	-	-	6·3
	The Lizard ...	64	57	*	-	Tr.	*
	Scilly (St. Mary's)	66	58	*	-	Tr	2·8
	Guernsey ...	66	55	49	-	-	11·0
6	Pembroke ...	62	58	*	0·3	0·4	0·4
7	Holyhead ...	63	55	54	Tr.	3	1·0
	Chester (Sealand)	69	57	49	-	-	5·3
8	L'pool (Bidston)	65	57	56	-	-	4·8
	Manchester	68	59	54	-	-	7·4
9	Harrogate ...	66	57	53	-	-	10·4
10	Spurn Head ...	71	55	*	-	-	10·9
	Catterick ...	67	57	53	-	-	8·2
	Tynemouth ...	68	58	52	-	-	*
11	Inchkeith ...	62	53	43	-	2	5·7
	Leuchars ...	64	46	37	*	Tr	6·3
12	Renfrew (Abbotsl)	63	50	45	0·6	1	1·9
	Eskdalemuir ...	59	48	46	0·2	3	0·5
13A	Tiree	59	53	50	5	Tr	2·9
13B	Stornoway ...	58	50	*	3	Tr	0·4
15	Dalwhinnie ...	57	46	36	2	2	1·7
	Aberdeen ...	59	53	49	-	-	5·8
	Wick	59	52	*	-	Tr	*
16	Lerwick ...	56	53	*	-	1	7·1
17	Blacksod Point	60	55	*	4	-	*
18	Malin Head ...	62	51	*	0·3	-	2·6
	Aldergrove ...	63	49	47	3	-	1·7
	Donaghadee ...	62	51	*	1	0·6	*
19	Birr Castle ...	64	49	43	2	-	3·9
20	Valentia Obsy.†	63	54	51	3	0·1	5·4
	Roches Point...	61	55	*	1	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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. 21h. G.M.T. %	Visibility. 9h.
		M hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	cm bc	bcyb	bifb	68	47	38	-	-	9·9	*	*	6
Croydon	217	bc	bcby	bom	68	49	43	-	Tr	10·2	*	*	8
Greenwich (Royal Observatory) ...	149	bc	cyb	bom	74	47	36	-	Tr	9·6	52	69	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7·7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	69	50	44	—		8·2	61	75	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	71	50	42	—	-	9·4	57	77	*
Camden Square	110	bc	bcc	*	71	50	41	-	-	*	*	82	*
Kensington	80	bc	bc	*	70	49	38	-	-	9·9	At 18h.	69	*
Hampstead Observatory	450	bc	b	*	68	50	45	-	-	9·4	59	86	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
Defective record.			

Kew Observatory. Max.	Time.	Min.	Time.
0·1	16 11a	<0·1	13h-17h 10th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. September 10th. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. September 11th. 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	1021·9	-	0	b	68	1024·1	-	0	b3o	52	72	46	-	-
Brussels	1022·3	WSW	2	b	63	1024·7	ENE	3	b	59	73	50	-	-
Berlin	1019·2	ENE	1	bc	70	1023·5	-	0	bcm	66	77	57	-	-
Zürich	1022·2	SE	2	c	55	1020·4	NNE	2	c	55	61	54	23	2
Rome	1013·3	SSE	3	bc	72	1012·3	S	4	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 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 31	m.

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.

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

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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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 12th September 1934.

No. 26-592

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

District	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)
1	London (Kew)	1025.4	0	SWS	2	bc	70	55	8	8	-	-	4-6	4-6	2500
	Croydon	1025.1	0	SW	1	bc	70	45	8	7	-	-	4-6	4-6	4000
	S. Farnborough	1024.9	-2	SSW	3	c	72	55	7	7	-	-	7-8	7-8	4000
	Boscombe Down	1024.3	-2	SSW	3	c	68	55	8	7	-	8	7-8	7-8	4000
	Calshot, S'thmtn	1025.8	0	E'S	3	bc	66	75	8	2	-	6	2-3	4-6	2500
	Lympne	1025.8	0	SE	2	b	67	65	8	1	-	-	1	1	2500
	Manston	1026.5	0	ESE	2	bc	67	65	7	7	-	-	2-3	2-3	2500
2	Shoeburyness	1025.7	0	E'S	1	bc	69	75	7	1	-	-	2-3	2-3	4000
	Felixstowe	1025.7	0	S'E	3	b	65	65	8	1	-	-	1	1	4000
	Gorleston	1025.6	0	SE'S	4	bc	66	75	7	1	-	-	2-3	2-3	4000
	Cranwell	1024.8	+4	SW	1	c	67	65	7	7	-	-	9+	9+	4000
3	Birmingham	1024.2	+6	SSW	2	c	66	55	8	1	7	-	2-3	7-8	2500
	Upper Heyford	1025.2	0	W	1	c	65	65	7	5	-	-	9	9	4000
4	Ross-on-Wye	1024.1	+8	SW'S	3	c	66	55	8	8	-	-	9	9	4000
5	Portland Bill	1025.3	+6	SSW	3	c	66	85	8	4	4	-	4-6	7-8	2500
	Plymouth	1024.5	+6	S'W	2	bc	65	85	8	1	-	9	2-3	4-6	4000
	The Lizard	1024.8	+4	S	1	bc	65	75	8	7	4	-	2-3	2-3	4000
	Scilly (St. Mary's)	1024.4	+4	SW	3	c	63	85	6	5	7	-	7-8	9+	1500
	Guernsey	1024.3	+2	SEE	1	bc	67	75	7	-	1	8	0	4-6	-
6	Pembroke	1022.8	+6	SW'S	2	c	58	95	7	5	-	-	10	10	1500
7	Holyhead	1022.4	+10	SSW	4	c	62	85	8	1	3	1	4-6	7-8	1500
	Chester (Sealand)	1023.2	+6	S	3	c	69	55	8	5	-	1	9	9	2500
8	L'pool (Bidston)	1023.4	+8	SW	3	c	65	65	8	5	-	-	9	9	2500
	Manchester	1023.3	+4	SW	3	c	67	55	8	7	4	-	9	9+	4000
9	Harrogate	1022.6	0	SWS	3	c	67	55	7	-	7	-	0	9	-
10	Spurn Head	1025.0	+4	S	2	bc	68	75	7	7	6	-	2-3	4-6	2500
	Catterick	1022.9	+6	SWW	3	c	64	65	7	5	3	-	7-8	9	4000
	Tynemouth	1021.6	+6	SW	3	c	68	65	7	6	-	-	7-8	7-8	1500
11	Inchkeith	1020.4	+4	WSW	4	bc	63	75	8	7	-	-	4-6	4-6	4000
	Leuchars	1019.3	0	SW	4	bc	66	55	8	8	4	-	4-6	4-6	2500
12	Renfrew (Abbotsl.)	1019.2	+4	SW	4	b	63	65	8	1	-	1	1	1	4000
	Eskdalemuir	1020.5	+6	SSW	5	bc	61	75	8	7	3	1	4-6	4-6	2500
13A	Tiree	1014.2	+4	S'E	6	c	58	75	7	5	-	-	9+	9+	2500
13B	Stornoway	1011.0	+6	SSW	8	ir	56	85	6	5	2	-	9	10	800
15	Dalwhinnie	1017.3	+8	S	7	bc	58	65	8	1	-	-	4-6	4-6	4000
	Aberdeen	1018.6	0	S'E	4	bc	61	75	7	8	-	-	4-6	4-6	2500
	Wick	1015.5	0	SSE	4	bc	59	75	8	5	1	-	2-3	4-6	2500
16	Lerwick	1014.9	-6	SSW	4	bc	55	95	7	1	9	-	1	4-6	2500
17	Blacksod Point	1015.6	+20	S	5	ir	61	85	7	6	-	-	10	10	800
18	Malin Head	1016.4	+8	S	5	c	62	85	7	8	8	-	7-8	9	1500
	Aldergrove	1019.4	+10	SSW	5	c	63	65	9	7	-	-	7-8	7-8	2500
	Donaghadee	1019.9	+6	SW	3	bc	63	75	8	8	3	2	4-6	4-6	2500
19	Birr Castle	1020.4	+12	SW	3	c	63	65	8	5	-	7	7-8	9	2500
20	Valentia Obsy.	1021.4	+18	SSW	5	c	63	75	8	5	-	-	9	9	1500
	Roches Point	1021.9	+8	SW	3	bc	61	75	8	3	-	-	2-3	2-3	2500

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

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)
1025.8	+6	NNW	1	bc	67	65	7	-	3	6	0	4-6	-	0	*
1025.2	+4	NNW	1	bc	65	65	8	7	-	6	2-3	4-6	5700	0	*
1025.5	+4	WNW	1	bc	66	75	7	7	-	2	Tr.	4-6	5700	0	*
1024.6	+2	-	0	bc	67	65	8	5	-	8	4-6	4-6	4000	1	*
1025.3	+2	SE	2	bc	65	75	8	1	-	6	Tr.	4-6	4000	0	1
1026.3	+8	E	2	b	60	85	8	4	-	1	Tr.	Tr.	4000	0	§ 1
1025.8	+4	E	2	b	62	85	7	-	-	-	0	0	-	0	*
1025.8	+2	SE	2	bc	62	95	8	-	6	5	0	4-6	-	0	*
1025.8	+4	SSE	2	b	63	75	8	7	-	1	1	1	4000	0	1
1025.8	+6	SES	3	b	63	86	7	-	-	-	0	0	-	0	2
1026.1	+4	SSW	1	bc	66	65	7	-	3	2	0	4-6	-	0	*
1024.7	+4	SW	2	bc	66	65	8	-	-	1	0	2-3	-	0	*
1025.4	+6	-	0	bc	66	65	7	4	-	2	4-6	4-6	5700	0	*
1024.6	+4	SW	1	bc	67	65	8	5	3	1	1	2-3	4000	0	*
1026.0	0	SSW	3	bc	62	95	8	5	-	1	2-3	4-6	2500	0	3
1024.8	+2	S	2	bc	62	85	7	1	-	1	1	2-3	2500	0	2
1025.3	+4	-	0	bc	62	85	8	7	4	-	2-3	2-3	4000	0	2
1025.4	+4	NE'E	2	cf	59	95	5	5	7	-	7-8	9+	1500	0	2
1024.6	+4	-	0	bc	64	75	7	-	1	8	0	4-6	-	0	1
1024.7	+2	-	0	bc	59	85	8	7	6	9	2-3	4-6	5700	0	2
1024.1	+14	SSW	4	bc	59	85	8	1	-	1	Tr.	2-3	1500	1	2§
1024.6	+8	SW	2	c	65	75	7	5	-	1	7-8	9	4000	0	*
1024.8	+4	SWW	2	c	62	85	9	5	-	6	7-8	9	2500	0	*
1024.4	+10	NW	2	3c	60	85	6	5	4	-	2-3	4-6	4000	0	*
1024.1	+6	SW	1	c	63	65	7	5	5	9	1	7-8	2500	0	*
1026.2	0	SSE	1	bc	63	85	7	-	1	1	0	4-6	-	0	1
1024.1	+10	WNW	1	c	63	75	7	5	-	4	4-6	7-8	4000	0	*
1023.1	+14	SW	3	bc	65	75	6	9	-	-	4-6	4-6	1500	1	1
1020.9	+6	WSW	4	b	60	75	8	-	4	-	0	Tr.	-	0	3
1021.0	+16	SW	3	bc	60	65	8	2	4	-	1	2-3	2500	0	*
1020.7	+14	SW	4	bc	60	75	8	5	-	-	4-6	4-6	4000	1	*
1023.4	+22	SSW	2	c	57	85	7	5	-	-	9+	9+	1500	1	*
1017.4	+20	SSW	5	c	57	85	6	5	3	-	2-3	9	2500	1	5
1014.0	+30	SSW	5	bc	57	75	7	8	-	-	4-6	4-6	1500	1	3
1019.9	+10	S	7	c	55	85	6	3	2	-	4-6	7-8	1500	0	*
1019.7	+12	SW	3	b	62	55	7	1	3	-	1	1	2500	1	2
1016.8	+8	SSW	3	c	59	75	8	5	1	-	7-8	10	2500	0	2
1015.2	+10	S	4	c	55	95	7	5	7	8	4-6	7-8	1500	0	*
1019.8	+22	SW	5	cd	59	95	7	9	-	-	9+	9+	800	0	4
1018.6	+24	SW	4	c	60	85	7	8	-	-	9	9	1500	0	1
1021.8	+18	SW	4	bc	60	85	8	5	-	5	4-6	4-6	2500	1	*
1021.9	+8	SSW	2	c	61	75	8	5	-	-	9	9	1500	0	1
1022.3	+14	WSW	1	c	62	75	8	5	-	-	9+	9+	2500	1	*
1023.3	+12	SW	4	bc	60	85	8	2	-	6	2-3	4-6	1500	1	3
1023.6	+6	W	3	bc	61	85	8	3	-	-	4-6	4-6	2500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 11th. (37)	13h.—18h. 11th. (38)	18h. 11th to 1h. 12th. (39)	1h.—7h. 12th. (40)
bf bcy	bcy	bcbm	ofbm
b bcy	bcy	b, cm, w	cwbffw
f bs, bcy	cy bcy	bcbm, wm,	cm, bcm,
F bcc	cbc	bcbw	ocm,
bcm, b	bcb	b	bccm,
b	byb	bw	bwfm,
bm, bc	bcb	•	bwbm,
b	bbc	bc	bcfbm,
bs, b	b	b	bbcm, w
bbc	bcb	b	bbcif
bcc	cbcyc	bcb	bm, w
bcc	cbc	bbc	bccf
cbcc	cbc	bcbw	bccw
bcc	cbc	bm, w	bfcfm
bbc ⊕	bcb	b	bwm,
cbc	bc	bcfeb	febbc
c	cd, im	oiff	FFe
bc	bc	bc bw	bbcw
cmidc	cbc	bcbbf	bc
d, fc	cb ⊕	bbw	bw
c	cw	cbcbm	bFFe
bcvyc	cpdv	cvbbc	bcFe
cs, c	tybc	bcbm,	bF
c	cbc	bcb	b
bc	cbc	bc	bcw
cr, sybc	bcb	bcb	bw
bcc	cbc	bcbb	bbcm,
eybcy	bcyb	bbw	bw
cm, b	bbc	bcbcw	bcwmbm
bcc	bcc	cbc	bwcd,
iRir	cq	c	
cr, sg	cp, bc	bc	bccp,
bc	bcc	•	c
cs, bc	bcb	b	bwz,
cbc	bcc	cbc	bc
bc	bcc	bc	bc
irq	irc	pr, c	bcq
bcc	c	bc	bc
bbc	bcbc	c	bm,
cbc	bcc	bc	bcw
bc	cr, c	cbc	bcoff
bcc	cbc	bc	bccfdc
bc	bc	bcbw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. . s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
< , less than (for cloud height).
⊕, Solar halo. ⊕ lunar halo. ≠ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

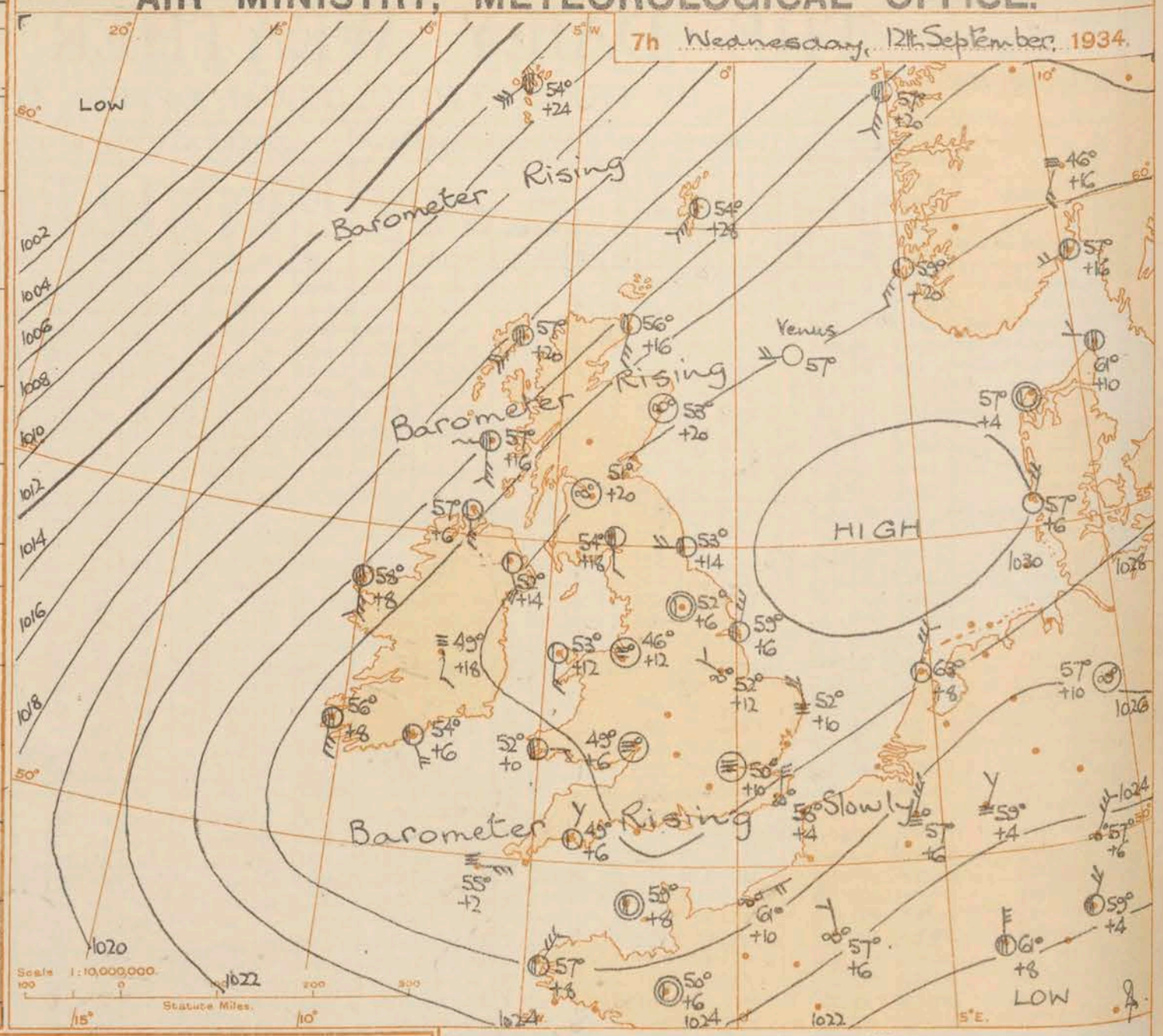
REPORTS from HEALTH RESORTS for 11th September 1934.

Districts.	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.
1	Tunbridge W.	b	bbc	44	72	-	-	8·3	11.4
	Bournemouth	b	b	50	71	-	-	9·8	10·8
	Ventnor ...	b	b	57	73	-	-	10·7	11·2
	Southsea ...	b	b	52	69	-	-	10·6	9.3
	Bognor Regis	b	b	52	69	Trace	-	10·1	10.4
	Littlehampton	bc	bc	49	69	-	-	10·3	10.1
	Worthing ...	b	b	50	68	-	-	10·1	11·7
	Brighton ...	b	b	49	69	-	-	10·3	10·5
	Eastbourne†	b	b	49	69	-	-	10·7	11·1
	Hastings† ...	b	b	53	67	Trace	-	10·7	11·5
	Folkestone ...	b	b	50	68	-	-	10·5	11.5
	Dover... ...	b	b	48	69	-	-	11·0	11·8
	Deal	b	b	46	69	-	-	10.4	11.2
	Ramsgate ...	bc	bc	54	66	-	-	10·5	10.0
	Margate ...	bcb	b	54	66	-	-	10·8	10·0
2	Southend ...	bm	b	54	72	Trace	-	8.6	7·8
	Maldon ...	mb	b	44	75	-	-	8·3	8.1
	Clacton-on-Sea	b3b	bbcb	53	65	-	-	10.1	8·9
	Dovercourt ...	bc	bcbv	52	68	-	-	10·1	10.7
	Lowestoft ...	b	b	50	67	-	-	10·2	10·4
	Skegness ...	b	b	52	69	-	-	10.1	9·5
	Mablethorpe	bc	bc	49	72	0·3	-	9.1	10·2
	Cleethorpes ...	bcb	b	53	73	-	-	6·5	10.4
3	Leamington S.	c	c	55	70	-	-	3·8	7·1
4	Cheltenham†	bq bcc	cbc	55	69	-	-	7.0	7.4
5	Bath	bbcc	cbcb	51	72	-	-	5·9	6·3
	Weymouth ...	b	b	51	69	-	-	10·0	10.7
	Jersey ...	b	bc	57	74	-	-	10·3	11.0
	Torquay ...	bcw	b	51	67	-	-	10·0	7·0
	Penzance ...	cb	bbcb	59	68	-	-	6·5	2·2
	St. Ives ...	b	c	60	67	-	-	4·7	3·4
	Bude	wbc	bc	57	69	-	-	8·4	2·2
	Ilfracombe ...	bbc	cbcb	58	69	-	-	7·7	5·2
6	Aberystwyth	p₀c	crr	58	64	0·3	4	0·0	4·1
7	Llandudno ...	c	dr₀bc	57	65	0·2	0·1	1·0	4·5
	Colwyn Bay...	bcbcc	bccbc	59	69	-	-	3.1	4·7
	Rhyl	bcc	cb₀bc	58	69	-	Trace	1·6	4·2
8	Wallasey ...	bccpc	c	55	68	-	Trace	1·0	4·2
	Southport‖ ...	cbcp₀	obc	58	66	-	Trace	1·7	5·2
	Blackpool ...	c	c	58	66	0·5	-	1·7	6·3
	Morecambe ...	cbbc	cbcc	53	66	1	-	0·5	7·8
9	Ilkley... ...	bcc	c	54	69	-	-	0·5	9·7
10	Berwick-on-T.	bcod₀	bc	52	65	-	Trace	5·7	7·0
11	Dunbar ...	r bc	bc	52	69	0·3	-	7·7	6·3
12	Troon... ...	cbcb	bbcbc	53	63	0·5	-	8·3	2·5
	Douglas ...	bcb	bbc	54	63	1	-	7·2	2·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 12th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th Sept, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light northeasterly wind; fine; perhaps local morning fog; warm by day, except locally on East Coast.
4. W. Midlands	Light variable or easterly wind; fine; local morning fog; warm by day.
5. S.W. England	
6. South Wales	Light or moderate easterly wind; fine or fair; perhaps local morning mist; rather warm by day.
7. North Wales	
8. N.W. England	As 4.
9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W Scotland & Isle of Man	Light variable wind; fine or fair; local morning fog; warm by day, perhaps slight ground frost locally in early morning.
13. A. W Scotld. B. N.W. Scotland	Moderate or fresh southerly wind, strong locally later; variable cloud and local showers today, perhaps more general rain later; average temperature.
14. Mid-Scotland	As 8 - 12.
15. N.E. Scotland	Light or moderate southwest or south wind; mainly fair; average or rather high temperature.
16. Orkneys and Shetlands.	
17. N.W. Ireland	Moderate southerly wind, freshening; fair today, perhaps occasional rain later; average or rather high temperature.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate southeast or south wind; fair; rather warm.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ 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. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
Sea Disturbance ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone is centred over the North Sea and a complex trough of low pressure is advancing from the Atlantic. Weather will be fine or fair in nearly all areas, but rather unsettled in the Northwest and perhaps also in the extreme West later.

FURTHER OUTLOOK.

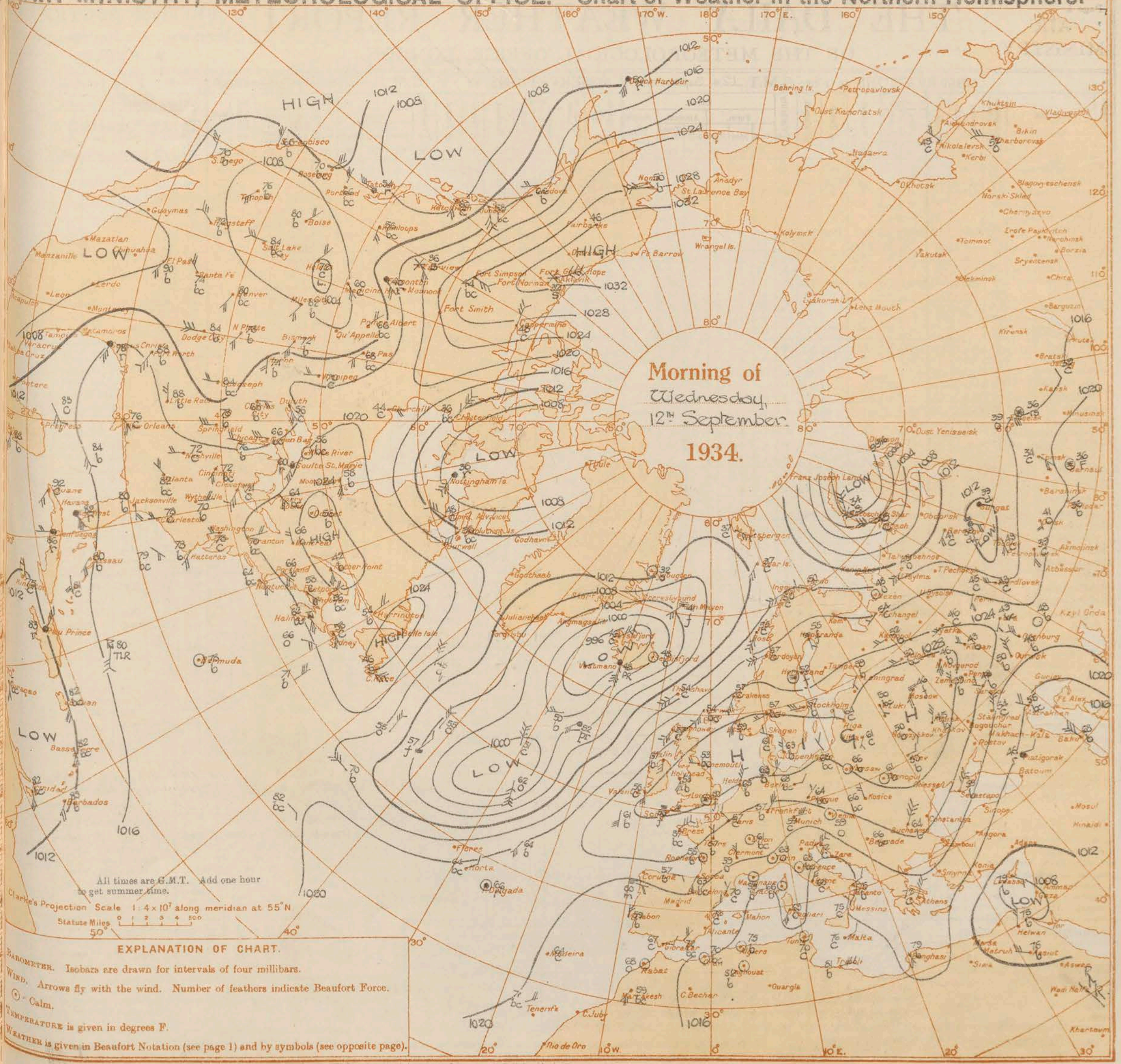
Fair, except in the extreme West and Northwest.

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

Forecasts issued at 1000 G.M.T.

H.M. Stationery Off. & 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

Wednesday 12th September 1934.

No. 26592

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

District.	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)	°F. Temp. (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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1027.2	+4	-	0	3o	54	95	6	-	3	-	0	7.8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1027.3	+2	NNE	2	b	50	95	7	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1027.7	+6	WNW	1	b	57	85	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1026.9	+6	NW	3	b	60	75	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1027.3	+2	NNE	2	b	56	95	6	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1027.3	+6	E	3	F	57	95	1	·	·	·	10	10	<150
	Guernsey ...	175	1026.3	+2	-	0	b	55	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1026.6	+10	E	1	F	54	95	1	5	-	-	10	10	<150
7	Holyhead ...	26	1026.8	+10	SW	3	b	57	95	7	5	-	-	1	1	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1027.1	+4	NW	3	bc	59	95	8	-	1	-	0	2.3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026.9	+10	W	2	b	52	95	6	-	-	-	0	0	-
11	Inchkeith ...	190	1025.2	+22	SW	3	b	56	95	8	-	-	-	0	0	-
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1019.0	+20	WSW	4	b	54	75	7	5	-	-	1	1	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1021.1	+20	SSW	3	bc	54	95	8	5	-	-	2.3	2.3	2500
16	Lerwick ...	54	1018.9	+22	WSW	4	bc	54	85	8	5	-	-	2.3	2.3	1500
17	Blacksod Point	18	1023.0	+8	S	3	c	59	95	7	9	-	-	9+	9+	800
18	Malin Head ...	52	1023.4	+20	S	2	b	55	95	7	5	-	-	Tr	Tr	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1025.4	+14	SW	3	b	57	95	8	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)...	1028.9	+10	-	0	b/f	55	95	5	-	-	-	0	0	-	0	*
	Croydon ...	1028.3	+10	-	0	bf	50	95	3	-	-	-	0	0	-	1	*
	S. Farnborough	1028.5	+6	-	0	bc	55	95	6	5	3	1	2-3	2-3	5700	0	*
	Boscombe Down	1028.1	+6	NNW	1	$o z_o$	55	95	6	5	-	-	10	10	4000	1	*
	Calshot, (S'thmtn)	1027.7	+10	NW'W	1	c	56	95	6	7	-	-	9+	9+	4000	0	1
	Lympne ...	1027.7	+4	N	3	bcz_o	58	95	6	-	3	6	0	4-6	-	*	§o
	Manston ...	1027.6	+4	NNE	2	bc	60	95	6	-	3	-	0	4-6	-	1	*
2	Shoeburyness	1028.2	0	-	0	b	53	95	5	-	-	2	0	2-3	-	0	*
	Felixstowe ...	1028.1	+10	NNE	2	bcz_o	55	95	6	-	-	6	0	2-3	-	0	0
	Gorleston ...	1028.7	+10	NNW	2	bcif	52	95	3	5	-	2	2-3	4-6	1500	0	1
	Cranwell ...	1029.4	+12	NW	1	bcz_o	52	95	6	-	3	5	0	2-3	-	0	*
3	Birmingham ...	1029.5	+12	ENE	2	cf	58	85	3	5	-	-	9+	9+	2500	0	*
	Upper Heyford	1028.8	+10	N	3	cz_o	57	85	5	5	-	-	9+	9+	2500	0	*
4	Ross-on-Wye ...	1028.4	+6	-	0	cm	49	95	4	5	-	-	9+	9+	4000	0	*
5	Portland Bill...	1028.6	+6	NE	2	b	61	85	7	-	-	-	0	0	-	0	2
	Plymouth ...	1027.9	+6	NE	1	bf_s	49	95	6	-	-	4	0	1	-	0	C
	The Lizard ...	1027.5	+4	NE'E	3	bc	56	95	7	7	1	1	1	2-3	4000	1	2
	Scilly (St. Mary's)	1027.7	+2	E	3	F	55	95	1	5	-	-	10	10	<150	1	1
	Guernsey ...	1026.6	+8	-	0	bc	59	95	7	-	1	6	0	2-3	-	1	1
6	Pembroke ...	1027.1	0	E	1	bcif	52	95	6	4	4	-	4-6	4-6	4000	1	1
7	Holyhead ...	1028.6	+12	SSE	2	Ab	53	85	7	-	3	-	0	Tr	-	1	1
	Chester (Sealand)	1029.8	+12	-	0	om	46	95	4	5	-	-	10	10	450	0	*
8	L'pool (Bidston)	1030.0	+10	ESE	2	bcf	50	95	2	5	-	4	2-3	4-6	220	1	*
	Manchester	1029.5	+14	NE	1	bf	41	95	3	-	3	1	0	Tr	-	0	*
9	Harrogate ...	1029.4	+6	-	0	b	52	85	7	-	-	1	0	Tr	-	0	*
10	Spurn Head ...	1028.9	+6	NNE	3	bc	59	95	6	-	4	-	0	2-3	-	1	2
	Catterick ...	1029.9	+14	-	0	bc	43	95	6	-	-	5	0	2-3	-	0	*
	Tynemouth ...	1029.0	+14	W	2	bc	53	85	5	5	-	1	2-3	2-3	1500	0	1
11	Inchkeith ...	1027.6	+10	WSW	2	b	54	85	8	5	3	-	Tr	1	1500	0	1
	Leuchars ...	1028.4	+18	SW	1	bc	53	95	7	-	3	-	0	1	-	1	*
12	Renfrew (Abbotsl)	1028.0	+20	-	0	bcz_o	51	95	5	1	-	1	Tr	Tr	4000	1	*
	Eskdalemuir ...	1029.0	+18	S	1	c	54	95	7	5	-	-	10	10	800	1	*
13A	Tiree	1024.6	+16	S	4	c	57	65	7	5	3	-	7-8	9+	2500	1	4
13B	Stornoway ...	1022.2	+20	SW	5	c/pr	57	95	7	8	6	-	7-8	9+	1500	1	2
15	Dalwhinnie ...	1027.6	+28	SW	3	c	54	85	8	8	-	4	4-6	7-8	800	1	*
	Aberdeen ...	1027.5	+20	-	0	bz_o	53	95	6	-	4	-	0	Tr	-	1	1
	Wick	1024.7	+16	SSW	3	bc	56	85	8	8	4	-	4-6	4-6	2500	0	2
16	Lerwick ...	1023.2	+28	SW	4	bc	54	85	8	5	3	-	4-6	4-6	1500	0	*
17	Blacksod Point	1024.6	+8	S	4	cq	58	95	7	4	-	-	7-8	7-8	800	0	3
18	Malin Head ...	1024.6	+6	S	3	bc	57	95	7	4	1	3	Tr	1	1500	0	*
	Aldergrove ...	1028.1	+14	SE'S	2	bc	52	95	7	5	-	-	Tr	Tr	2500	1	*
	Donaghadee ...	1027.8	+20	SW	2	bc	53	95	8	5	-	-	2-3	2-3	1500	0	1
19	Birr Castle ...	1027.6	+18	S	1	of	49	95	3	5	-	-	10	10	1500	1	*
20	Valentia Obsy.†	1026.8	+8	S'E	3	c	56	95	8	5	4	-	7-8	7-8	1500	1	3
	Roches Point...	1027.6	+6	SE	2	bc	54	95	8	5	-	-	4-6	4-6	2500	1	2

PAST 24 HOURS.

District.	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 1.1/4 Hrs. (36)
1	London (Kew)...	70	53	45	-	-	8.9
	Croydon ...	72	50	44	-	Tr	8.2
	S. Farnborough	73	48	37	-	-	7.3
	Boscombe Down	70	49	43	-	-	5.6
	Calshot, (S'thmtn)	69	52	46	-	-	10.9
	Lympne ...	68	48	42	-	Tr	10.5
	Manston ...	68	46	41	-	Tr	11.0
2	Shoeburyness	70	47	39	-	-	9.0
	Felixstowe ...	66	50	44	-	-	10.6
	Gorleston ...	68	50	49	-	-	11.1
	Cranwell ...	70	49	46	-	-	5.7
3	Birmingham ...	70	54	43	-	-	6.1
	Upper Heyford	69	52	42	-	-	*
4	Ross-on-Wye ...	70	45	39	-	-	4.7
5	Portland Bill...	(70)	56	*	-	-	*
	Plymouth ...	68	49	44	-	Tr	10.9
	The Lizard ...	66	54	*	-	0.1	*
	Scilly (St. Mary's)	66	55	*	Tr	0.2	1.4
	Guernsey ...	68	53	48	-	-	11.9
6	Pembroke ...	62	50	*	0.6	0.2	1.7
7	Holyhead ...	62	52	48	0.4	-	5.1
	Chester (Sealand)	72	40	35	-	Tr	2.0
8	L'pool (Bidston)	67	50	45	-	Tr	1.2
	Manchester	70	39	35	-	Tr	0.9
9	Harrogate ...	70	47	41	-	-	2.0
10	Spurn Head ...	69	56	*	-	-	7.3
	Catterick ...	69	38	30	Tr	-	2.1
	Tynemouth ...	69	49	45	-	-	*
11	Inchkeith ...	64	53	44	-	-	8.2
	Leuchars ...	67	50	44	-	-	7.4
12	Renfrew (Abbotsl)	64	48	40	-	-	7.8
	Eskdalemuir ...	62	51	49	-	Tr	7.6
13A	Tiree	60	55	50	4	-	5.0
13B	Stornoway ...	59	53	*	0.6	0.1	5.2
15	Dalwhinnie ...	60	49	46	-	-	6.7
	Aberdeen ...	63	52	44	-	-	5.3
	Wick	62	49	*	-	-	*
16	Lerwick ...	56	53	*	-	-	7.1
17	Blacksod Point	62	57	*	0.2	Tr	*
18	Malin Head ...	62	54	*	-	-	4.3
	Aldergrove ...	64	49	46	-	-	6.7
	Donaghadee ...	65	50	*	-	-	*
19	Birr Castle ...	66	47	39	Tr	-	6.3
20	Valentia Obsy.†	64	56	53	-	Tr	7.1
	Roches Point...	61	52	*	-	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bfbcy	bcy	bcbfbm	70	53	45	-	-	8.9	*	*	5
Croydon	217	bbcy	bcy	b-cwff	72	50	44	-	Tr	8.2	*	*	6
Greenwich (Royal Observatory) ...	149	bcy	cy	cbymf	76	49	39	-	Tr	7.5	51	76	5
City (Bunhill Row)	—	*	*	*	*	*	*	*		7.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	72	55	48	--		7.5	52	65	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	73	54	45	-	-	8.5	51	74	*
Camden Square	110			*	75	54	45	-	-	*	*	71	*
Kensington	80	b	bc	*	72	54	44	-	-	8.9	At 18h.	63	*
Hampstead Observatory	450	bc	bc	*	71	54	48	-	-	8.3	58	87	*
		bc	b										

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0-6	24h nil	<0-3	10h-18h nil

Kew Observatory. Max.	Time.	Min.	Time.
0-3	24h nil	<0-1	11h. nil

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 11th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 12th 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	2	c	72	1024.2	NW	1	z_o	57	*	55	*	-
Brussels	1024.0	NNE	3	o	66	1025.2	NNE	3	cf -	57	72	55	-	-
Berlin	1024.0	NE	1	bc	73	1026.5	E	1	m	68	81	61	-	-
Zürich	1020.3	NE	1	o	61	1020.8	NE	2	c	59	64	57	Tr	-
Rome	1014.2	S	3	c	72	1015.3	NNE	3	c	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. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 13th September 1934.

No. 26593

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 12th September. Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0–12 (4)	Weather. (5)	°F. Temp. (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)
1	London (Kew)	1028.2	-6	ESE	2	c	71	55	6	7	-	-	7-8	7-8	4000
	Croydon	1028.2	+6	NNE	3	bc	72	55	7	7	-	1	4-6	4-6	4000
	S. Farnborough	1027.8	-8	NE'N	3	3o	73	45	6	-	-	-	0	0	-
	Boscombe Down	1027.7	-6	ENE	2	bc	69	55	7	2	-	-	4-6	4-6	2500
	Calshot, S'thmtn	1027.5	-6	NE'N	2	3o	73	55	6	1	-	-	2-3	2-3	4000
	Lympne	1027.7	-2	NNE	4	bc	70	55	8	1	-	1	2-3	2-3	2500
	Manston	1027.3	-6	NE	4	bc	67	75	6	-	-	8	0	4-6	-
2	Shoeburyness	1028.6	-4	NE	4	bc	72	65	8	-	-	5	0	2-3	-
	Felixstowe	1028.6	-2	ENE	4	bc	69	65	8	-	-	2	0	2-3	-
	Gorleston	1029.3	-2	NNE	3	bc	70	65	7	-	-	8	0	4-6	-
	Cranwell	1029.5	-4	E'S	1	3o	72	56	6	1	-	-	2-3	2-3	2500
3	Birmingham	1028.1	0	E	2	c	69	55	6	5	-	-	9	9	4000
	Upper Heyford	1028.7	-2	NE	2	bc	71	55	6	5	-	-	4-6	4-6	5700
4	Ross-on-Wye	1028.0	-4	NNE	1	3o	70	65	7	5	-	-	9	9	4000
5	Portland Bill	1028.0	-4	NE	2	bc	69	85	7	4	-	-	4-6	4-6	2500
	Plymouth	1027.8	-6	WSW	1	c	68	75	8	7	-	-	7-8	7-8	4000
	The Lizard	1027.9	-4	ENE	2	bc	65	75	8	7	4	-	2-3	2-3	4000
	Scilly (St. Mary's)	1028.4	-6	ENE	3	6-	58	95	2	5	-	-	10	10	4150
	Guernsey	1027.1	-4	ENE	2	3x	66	75	6	-	-	-	0	0	-
6	Pembroke	1028.3	-4	SSE	1	3o	65	75	6	7	-	-	1	1	5700
7	Holyhead	1029.5	+2	SSW	1	6o	65	65	8	7	-	-	1	1	4000
	Chester (Sealand)	1029.5	-6	SE'S	2	bc	73	55	7	7	-	-	4-6	4-6	4000
8	L'pool (Bidston)	1029.4	0	E'S	2	bc	66	65	6	7	-	-	4-6	4-6	2500
	Manchester	1029.5	-2	W	3	3o	71	55	5	1	-	-	1	1	4000
9	Harrogate	1029.2	0	SEE	2	b	69	55	8	-	-	1	0	Tr.	-
10	Spurn Head	1030.0	+4	SSE	2	bc	66	85	7	-	6	-	0	2-3	-
	Catterick	1029.6	-6	SE'S	1	b	72	55	8	1	-	1	Tr.	1	4000
	Tynemouth	1030.2	+6	E	2	bc	61	75	7	5	-	-	4-6	4-6	1500
11	Inchkeith	1029.0	+2	-	0	c	63	75	8	7	-	-	7-8	7-8	4000
	Leuchars	1029.9	+2	SW	2	c	66	65	8	7	-	-	7-8	7-8	2500
12	Renfrew (Abbotsl.)	1029.1	+2	W	3	bc	68	65	8	1	-	-	4-6	4-6	4000
	Eskdalemuir	1029.6	0	SW	2	bc	63	75	8	7	-	-	4-6	4-6	2600
13A	Tiree	1026.9	+8	S'E	4	bc	60	85	7	5	6	-	2-3	4-6	2500
13B	Stornoway	1024.8	+4	SW	4	c	59	95	7	8	6	-	4-6	9+	1500
15	Dalwhinnie	1029.0	+4	SW	5	bc	62	65	8	1	-	-	4-6	4-6	2500
	Aberdeen	1028.5	+2	S'E	3	3o	64	75	6	1	-	-	1	1	1500
	Wick	1028.0	+14	SSW	2	bc	61	85	8	7	4	8	4-6	4-6	2500
16	Lerwick	1026.3	+20	SSW	3	c	55	95	8	5	7	-	4-6	7-8	1500
17	Blacksod Point	1026.8	+6	S	4	c	59	95	7	8	-	-	9+	9+	1500
18	Malin Head	1026.4	+4	S	3	bc	64	85	7	8	-	-	4-6	4-6	1500
	Aldergrove	1028.7	0	SW	1	3o	65	75	8	7	-	-	7-8	7-8	2500
	Donaghadee	1029.3	+4	WSW	2	bc	60	85	8	5	-	-	4-6	4-6	1500
19	Birr Castle	1028.0	0	S	1	bc	66	75	8	1	-	-	2-3	2-3	2500
20	Valentia Obsy.	1027.7	-2	S'E	3	bc	65	65	8	1	-	1	2-3	2-3	2500
	Roches Point	1028.9	+4	SE	2	bc	60	85	8	5	-	-	2-3	2-3	2500

District	Stations.	OBSERVATIONS at 18h. G.M.T. 12th September. Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0–12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)	1027.0	-6	NE'N	2	c	70	55	7	7	-	-	7-8	7-8	4000	0	*
	Croydon	1026.9	-2	NE'E	2	b	67	65	6	-	3	-	0	Tr.	-	0	*
	S. Farnborough	1026.9	-2	NE'N	1	3o	67	75	6	-	-	8	0	Tr.	-	0	*
	Boscombe Down	1026.4	-2	NE	1	3o	66	65	6	-	-	-	0	0	-	0	*
	Calshot, S'thmtn	1026.5	-2	NE	2	3o	69	75	6	-	-	8	0	Tr.	-	0	0
	Lympne	1026.5	-4	NNE	5	b	62	85	8	5	3	1	Tr.	1	7200	0	§0
	Manston	1026.5	-8	NNE	4	3o	63	85	6	5	-	1	4-6	4-6	4000	0	*
2	Shoeburyness	1027.2	-2	NE	3	bc	65	75	8	7	6	-	2-3	4-6	5700	0	*
	Felixstowe	1027.6	-4	NE'N	3	bc	63	75	7	-	3	1	0	2-3	-	0	2
	Gorleston	1028.1	-4	N'E	4	b	65	85	7	-	-	1	0	Tr.	-	0	2
	Cranwell	1028.9	-2	E'N	2	b	65	65	7	-	3	-	0	Tr.	-	0	*
3	Birmingham	1027.8	-4	ENE	2	3o	68	55	6	5	-	-	Tr.	Tr.	4000	0	*
	Upper Heyford	1027.6	-2	NNE	1	b	67	55	6	-	-	-	0	0	-	0	*
4	Ross-on-Wye	1026.8	-4	E'N	1	3o	67	65	7	-	-	1	0	1	-	0	*
5	Portland Bill	1026.2	-10	NW	2	b	64	85	6	-	-	-	0	0	-	0	2
	Plymouth	1026.6	-4	SSW	1	b	63	85	8	-	-	-	0	0	-	0	0
	The Lizard	1026.6	-4	E	0	b	61	85	8	-	-	-	0	0	-	0	1
	Scilly (St. Mary's)	1027.3	-4	ENE	2	b	59	95	7	-	-	-	0	0	-	0	2
	Guernsey	1025.7	-10	ENE	3	3o	62	85	6	-	-	-	0	0	-	0	2
6	Pembroke	1027.1	-10	N	1	b	63	85	7	5	-	-	1	1	5700	0	1
7	Holyhead	1026.3	-6	N	1	b	60	85	7	-	-	-	0	0	-	0	1
	Chester (Sealand)	1028.5	-2	WNW	3	3o	64	75	6	5	-	-	Tr.	Tr.	4000	0	*
8	L'pool (Bidston)	1028.7	-8	NW'N	1	bc	64	65	6	5	-	-	2-3	2-3	2500	0	*
	Manchester	1028.1	-4	-	0	3o	69	65	6	1	-	-	1	1	4000	0	*
9	Harrogate	1028.8	0	SE	1	c	66	65	5	-	3	8	0	3+	-	0	*
10	Spurn Head	1029.4	0	ESE	3	bc	60	95	7	-	1	-	0	2-3	-	0	2
	Catterick	1028.8	0	-	0	m	62	75	4	5	-	-	7-8	7-8	4000	0	*
	Tynemouth	1030.1	0	ESE	1	bc	57	95	7	4	-	-	2-3	2-3	4000	0	1
11	Inchkeith	1029.2	-2	NE	1	bc	60	85	8	4	-	-	2-3	2-3	4000	0	0
	Leuchars	1029.1	-4	SE	3	c	60	75	7	5	-	-	7-8	7-8	4000	0	*
12	Renfrew (Abbotsl.)	1027.4	-12	W'S	1	bc	63	85	8	5	-	-	4-6	4-6	4000	1	*
	Eskdalemuir	1028.7	-4	NW'N	1	b	61	75	8	-	-	-	0	0	-	1	*
13A	Tiree	1026.3	-2	SSE	3	c	59	85	8	5	-	-	9+	9+	4000	0	4
13B	Stornoway	1025.2	+2	SSW	4	c	58	85	7	8	7	-	4-6	7-8	1500	1	2
15	Dalwhinnie	1028.4	-4	S	4	bc	58	75	8	1	-	-	2-3	2-3	2500	0	*
	Aberdeen	1029.0	+4	S	3	3o	60	75	6	5	-	-	Tr.	Tr.	2500	0	1
	Wick	1027.2	+4	SSW	2	bc	59	85	8	8	1	-	2-3	4-6	2500	0	2
16	Lerwick	1026.5	+4	SSW	3	c	55	95	8	5	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	1025.1	-8	S	3	bc	59	85	8	-	4	1	0	4-6	-	0	3
18	Malin Head	1025.6	-8	SW	2	b	63	85	7	5	4	9	Tr.	Tr.	2500	0	1
	Aldergrove	1027.8	-6	SE'S	3	3o	59	85	7	-	3	-	0	1	-	1	*
	Donaghadee	1028.0	-2	S	2	bc	58	95	8	8	-	-	2-3	2-3	2500	0	0
19	Birr Castle	1026.6	-4	S	1	b	65	65	8	1	-	-	1	1	2500	1	*
20	Valentia Obsy.	1026.0	-6	S'E	3	bc	61	75	9	1	-	6	Tr.	2-3	1500	1	2
	Roches Point	1027.6	-4	SE	3	c	58	85	8	3	-	-	7-8	7-8	2500	1	3

District	Stations.	PAST 24 HOURS. Weather. 7h.–13h. 12th (37)	13h.–18h. 12th (38)	18h.12h.to 1h. 13th (39)	1h.–7h. 13th (40)
1	London (Kew)	bmc3o	cy	cyb	of
	Croydon	bfmmbby	bcy3o	b3ob,c	om,ffd,ff
	S. Farnborough	b3oy	bbcb3o	bmo	bofe
	Boscombe Down	cm,bc	bcybmo	bmo	bomof
	Calshot, S'thmtn	bc3oby	b3y b3	bz,bwc	bwbcmo
	Lympne	bmocb	b	bbcw	bwcmo
	Manston	bbcmo	bc3o	bbcmo	bcmob
2	Shoeburyness	bmob	bbc	bco	bcoz
	Felixstowe	bcmob	b	bw	bwbmo
	Gorleston	ifbc	bcb	b	bw
	Cranwell	bbc3o	bc3ob	bf	bfoff
3	Birmingham	c	cbc3	b	bf
	Upper Heyford	bcy	bcby	bybmo	bod,f
4	Ross-on-Wye	cmbbc	cbc	bmow	bw,com
5	Portland Bill	cbc	bc3o	bbc	bcb
	Plymouth	bwmoc	cb	b	bwmo
	The Lizard	bc	bcb	b	bbcw
	Scilly (St. Mary's)	Fe,ff	ifbcb	bw	bw
	Guernsey	bcb3	b3o	b3w	bccof
6	Pembroke	bcFbmo	b	b	bbcz
7	Holyhead	bwb	b	bbcw	bwmo
	Chester (Sealand)	Fe b3o	yb3o	bzom	bFF
8	L'pool (Bidston)	§ bc	bcb	b	bbF
	Manchester	bf3oy	b3oy	cm	bmw
9	Harrogate	b	bbcc	b	bom
10	Spurn Head	bc	bc	bc	bcw
	Catterick	bcbcyby	bybcy3b	bczoxbc	bcofomo
	Tynemouth	bcm	bc	bcffm	bcoff
11	Inchkeith	bbc	cbc	b	bcz
	Leuchars	bwbc	bcbbc	bcbw	bfebc
12	Renfrew (Abbotsl.)	bmcbc	bccbc	bcb	bFFw
	Eskdalemuir	id.bc	bcb	bw	bw
13A	Tiree	c	bcc	cpw.	bw
13B	Stornoway	cp6	c	cbc	bc
15	Dalwhinnie	bc	bc	.	bc
	Aberdeen	b3o	b3o	bzo	bwmfc
	Wick	bc	bc	bc	bc
16	Lerwick	bcc	c	cbc	bcw
17	Blacksod Point	c	bc	bc	pobc
18	Malin Head	bc	bc	bc	bc
	Aldergrove	bbc3o	bcb3o	bzo	b-c
	Donaghadee	bc	bcb	bbc	bcw
19	Birr Castle	§ bc	bcb	b	bw
20	Valentia Obsy.	cbc	bcb bc	bcode	cbcb
	Roches Point	bc	bcc	cw	ifebc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/so, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
so/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. ro, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ◐ lunar halo. ⸗ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

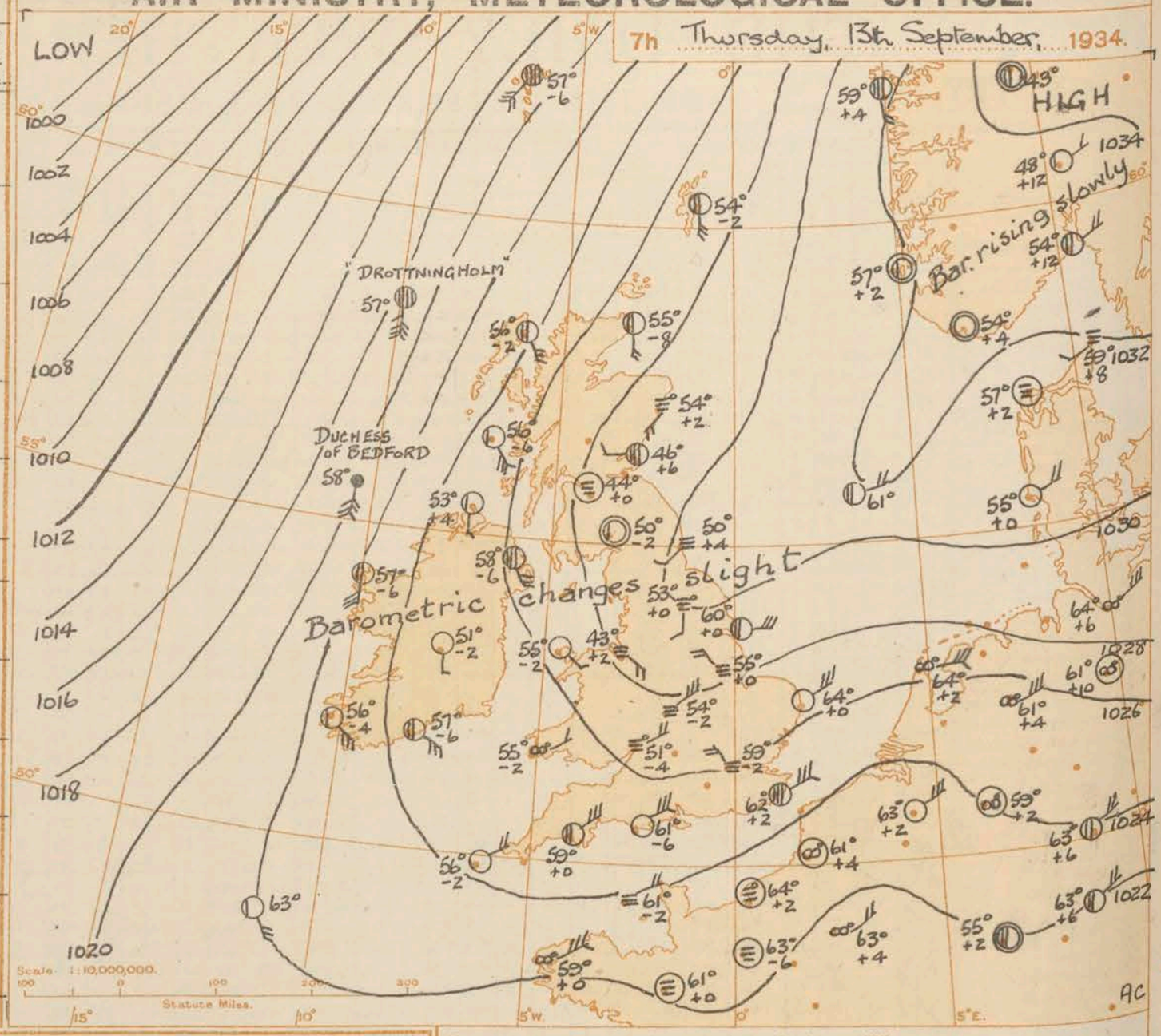
REPORTS from HEALTH RESORTS for 12th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	b	bcb	43	72	-	-	8·6	8·5
	Bournemouth	obc	bc	50	74	-	-	7·0	10·8
	Ventnor ...	b3	b	58	74	-	-	10·6	11·7
	Southsea ...	b	bbcb	53	74	-	-	9·6	11·3
	Bognor Regis	b	b	54	73	-	-	9·7	10·4
	Littlehampton	b	bbcb	52	75	-	-	8·5	10·9
	Worthing ...	b	bbcb	52	72	-	-	9·1	10·7
	Brighton ...	b	b	52	74	-	-	9·7	10·8
	Eastbourne†	b	bbcbbc	52	73	-	-	10·2	11·2
	Hastings† ...	b	bbcc	53	73	Trace	-	8·7	11·3
	Folkestone ...	cbcb	bbcb	54	71	-	-	7·4	10·9
	Dover... ...	bbc	bcb	55	70	-	-	7·8	11·5
	Deal	b	bcb	49	69	-	-	7·4	11·0
	Ramsgate ...	bc	bcm	57	67	-	-	6·9	10·5
	Margate ...	bc	bc	58	66	-	-	8·4	11·6
2	Southend ...	bbc	b	52	72	Trace	-	9·7	8·6
	Maldon ...	b	mb	46	72	-	-	10·5	8·5
	Clacton-on-Sea	bcmbc	bcby	53	71	-	-	10·2	10·3
	Dovercourt ...	bv	bv	51	71	-	-	10·2	10·3
	Lowestoft ...	b	b	46	68	-	-	10·5	10·9
	Skegness ...	b	b	52	66	-	-	9·6	10·4
	Mablethorpe	b	bv	47	66	Trace	-	10·0	9·5
	Cleethorpes...	b3	b	53	67	-	-	10·2	6·6
3	Leamington S.	bc	bc	53	74	-	-	7·9	4·1
4	Cheltenham†	cmbc	bcb	53	72	-	-	5·4	7·5
5	Bath	cbcb	cbcb	49	73	-	-	5·6	6·6
	Weymouth ...	bc	b	52	72	-	-	7·7	11·0
	Jersey ...	b	b	57	73	-	-	10·3	11·5
	Torquay ...	wbm	b	52	72	-	-	10·5	10·6
	Penzance ...	b	b	52	69	Trace	-	9·6	6·5
	St. Ives ...	b	b	55	64	-	-	8·6	4·7
	Bude	wbc	bc	54	69	-	-	8·4	8·8
	Ilfracombe ...	b	b	53	68	-	-	9·5	8·3
6	Aberystwyth	ssbc	bc	49	65	2	-	9·6	0·0
7	Llandudno ...	b	b	46	69	-	-	9·7	2·0
	Colwyn Bay...	b	b	54	64	-	-	10·5	4·1
	Rhyl	b	b	43	68	Trace	-	9·7	2·4
8	Wallasey ...	ffb	b	49	69	-	-	8·1	1·0
	Southport‖ ...	mbc	bc	44	70	-	-	10·3	2·2
	Blackpool ...	b	b	46	70	-	-	10·4	2·3
	Morecambe ...	b	bbc	49	67	-	-	10·3	1·3
9	Ilkley... ...	b	b	44	70	-	-	8·6	0·7
10	Berwick-on-T.	b	b	50	65	-	-	10·4	6·2
11	Dunbar ...	bc	bc	51	64	-	-	7·4	8·1
12	Troon... ...	wbc3b	bcbc3	53	65	-	-	7·0	8·9
	Douglas ...	dombc	b3	50	63	Trace	-	7·8	7·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 13th September, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th September, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England. 6. South Wales	Light or moderate northeast wind; mainly fine but local fog or low cloud early tomorrow; rather warm day.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland	Light southeast wind; mainly fine, but local fog early tomorrow; rather warm day.
12. S.W Scotland & Isle of Man	Light or moderate southerly wind; fine or fair; perhaps local fog early tomorrow; rather warm day.
13. { A. W Scotld. B. N.W. Scotland	Fresh southerly wind, strong locally on coast; mainly fair, but perhaps occasional slight rain locally; average temperature.
14. Mid-Scotland 15. N.E. Scotland	As 12.
16. Orkneys and Shetlands.	Moderate or fresh southerly wind; mainly fair; average temperature.
17. N.W. Ireland	Moderate or fresh southerly wind; mainly fair, but perhaps occasional slight rain locally; average temperature.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate southeast or south wind; fine or fair; rather warm day.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than $\frac{3}{10}$ clouded. ◑ Sky $\frac{4}{10}$ to $\frac{5}{10}$ clouded. ◕ Sky $\frac{6}{10}$ to $\frac{9}{10}$ clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✱ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⅄ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred over the North Sea and Scandinavia is receding eastwards slowly, and a trough of low pressure westward of Ireland is becoming less deep. Weather will be fair or fine almost everywhere, but there may be slight occasional rain in the extreme Northwest.

FURTHER OUTLOOK.

Fair, except perhaps in the extreme Northwest.

Forecasts issued at 0930 G.M.T.

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

H.M. Stationery Off. & Press, Kingsway, W.C.2.

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

Morning of
Thursday,
13th September
1934.

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

Clarke's Projection Scale 1·4 × 10⁷ along meridian at 55°N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Thursday 13th September 1934.

No. 26593

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

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1027.2	-2	NE	1	c	58	85	8	5	-	-	9+	9+	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1028.9	-8	NNE	4	bc	62	95	8	5	-	-	2-3	2-3	4000
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1027.9	-6	NNE	3	b	63	95	6	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1024.6	-12	NE	3	bc	61	85	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1026.0	-6	NE	2	b	58	85	8	-	-	-	0	0	-
	Scilly(St.Mary's)	163	1026.4	-6	ENE	3	b	55	95	7	-	-	-	0	0	-
	Guernsey ...	175	1025.2	-8	NE'N	2	b	61	85	7	-	-	-	0	0	-
6	Pembroke ...	142	1026.1	-4	ENE	1	b	57	85	8	-	-	-	0	0	-
7	Holyhead ...	26	1027.8	-8	ESE	2	b	58	75	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1029.8	0	E	2	bc	58	95	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1030.6	-2	S	1	m	55	95	4	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1029.3	0	ESE	1	b	55	95	8	-	-	-	0	0	-
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1025.1	-2	SSE	3	bc	56	85	8	5	-	-	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1027.8	-2	SSW	3	bc	55	95	8	5	-	-	2-3	2-3	2500
16	Lerwick ...	54	1026.8	-4	SW	4	bc	54	95	7	5	-	-	4-6	4-6	1500
17	Blacksod Point	18	1024.1	0	S	3	bc	58	85	8	-	4	-	0	4-6	-
18	Malin Head ...	52	1024.8	-8	S	3	b	55	95	7	5	-	-	Tr	Tr	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1025.1	-10	S	2	id.	56	95	7	9	-	-	10	10	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1026.1	0	NNE	2	f	59	95	3	5	-	-	10	10	800	0	*
1025.8	-2	N'W	2	f+	59	95	2	5	-	-	10	10	<150	1	*
1026.0	+2	NNE	2	f	58	95	3	5	-	-	10	10	<150	1	*
1025.5	+2	NE	2	of	56	95	3	5	-	-	10	10	220	0	*
1024.3	+2	N	2	bc	59	95	5	5	-	-	4-6	4-6	800	0	0
1024.9	+2	NE'N	4	c	62	95	6	5	-	-	9+	9+	450	*	§2
1024.7	+4	N	3	bcz$_0$	63	95	6	5	-	-	2-3	2-3	800	0	*
1025.5	0	WNW	1	m	63	95	4	5	-	-	10	10	<150	1	*
1025.8	0	NE'N	3	bz$_0$	63	95	5	-	-	-	0	0	-	0	1
1026.4	0	NE'N	3	b	64	95	6	-	-	-	0	0	-	0	2
1028.6	0	N'W	2	f	55	95	2	5	-	-	10	10	<150	0	*
1028.1	-2	ENE	3	f	54	95	2	5	-	-	10	10	-	0	*
1027.1	-2	NNE	2	f	58	95	2	5	-	-	10	10	<150	1	*
1026.9	-4	ENE	2	m	51	95	4	5	-	-	10	10	450	0	*
1024.2	-6	ENE	4	b	61	85	7	-	-	-	0	0	-	0	2
1024.6	-2	NNE	1	bf$_5$	54	95	6	-	-	-	0	0	-	0	0
1024.5	0	NE	3	bc	59	85	7	7	4	-	2-3	2-3	4000	0	2
1024.8	-2	ENE	2	b	56	95	7	-	-	-	0	0	-	0	2
1023.8	0	E'N	2	of	61	95	2	5	-	-	10	10	<150	1	1
1025.3	-2	ENE	1	bcz$_0$	55	95	5	5	7	-	2-3	4-6	4000	0	1
1026.5	-2	SE	1	b	55	95	6	-	-	-	0	0	-	0	1
1025.7	+2	SE'S	2	bF	43	95	1	-	-	-	0	0	-	0	*
1027.8	0	E'S	3	bf	53	85	3	-	-	-	0	0	-	0	*
1028.5	0	ENE	2	bm	51	95	4	-	-	-	0	0	-	0	*
1030.2	0	$	1	cm	53	95	4	5	-	-	9+	9+	<150	0	*
1028.3	0	E	3	bc	60	95	7	-	7	-	0	2-3	-	1	2
1029.9	0	-	0	c	51	95	6	5	-	-	9	9	2500	1	*
1030.6	+4	SW	1	of	50	95	3	6	-	-	10	10	1500	1	1
1028.4	-4	E	1	cz$_0$	53	95	5	5	-	-	7-8	7-8	2500	1	1
1029.2	+6	W	1	bc	46	95	5	2	-	-	7-8	7-8	4000	1	*
1028.3	0	-	0	bcF	44	95	1	5	-	-	2-3	2-3	4000	1	*
1028.9	-2	-	0	b	50	95	7	-	-	1	0	Tr	-	1	*
1024.4	-6	SSE	4	b	56	85	7	-	4	-	0	Tr	-	0	3
1023.8	-2	SSE	3	bc	56	95	8	2	4	3	1	2-3	2500	1	2
1028.6	-2	SW	3	b	52	85	8	1	-	-	Tr	Tr	2500	1	*
1028.9	+2	S'W	2	m	54	95	4	5	-	-	10	10	<150	1	1
1026.9	-8	S	2	bc	55	95	8	5	-	8	2-3	2-3	2500	0	2
1027.1	-2	S	3	bc	54	95	7	5	1	-	2-3	4-6	800	0	*
1022.9	-6	S	3	bc	57	85	8	4	-	-	4-6	4-6	2500	0	2
1024.7	+4	S	1	bc	53	95	7	5	-	3	1	1	1500	0	0
1026.3	-6	SE'S	3	c	58	75	7	5	-	-	9+	9+	1500	1	*
1028.6	-4	-	0	bc	54	95	7	5	3	-	4-6	4-6	1500	0	0
1023.3	-6	S	1	b	51	95	7	-	-	-	0	0	-	1	*
1023.1	-4	SE	3	b	56	85	8	-	-	1	0	1	-	1	2
1024.8	-6	SE	3	bc	57	95	7	5	-	-	4-6	4-6	2500	1	3

PAST 24 HOURS.

District	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 12h Hrs. (36)
1	71	58	52	-	-	6.5
	73	57	52	-	Tr	8.8
	74	55	47	-	Tr	8.7
	71	51	47	-	-	7.2
	73	57	52	-	-	9.9
	70	60	58	-	-	7.7
	67	62	61	-	-	8.0
2	72	52	55	-	-	10.5
	70	59	57	-	-	10.0
	70	61	59	-	-	10.5
	76	53	48	-	Tr	10.2
3	70	51	43	-	-	2.8
	72	53	48	-	Tr	*
4	71	49	41	-	-	3.4
5	70	58	*	-	-	*
	70	53	44	-	Tr	10.2
	67	57	*	-	-	*
	65	54	*	Tr.	Tr	5.8
	67	59	54	-	-	11.3
	66	54	*	0.1	-	7.6
	67	53	48	-	-	11.4
	74	40	36	-	-	9.1
	68	52	49	-	-	8.8
	73	49	37	-	-	9.3
	71	52	45	-	-	9.8
	66	57	*	-	-	10.6
	72	41	35	-	Tr	9.2
	62	49	42	-	-	*
	65	52	45	-	-	7.0
	66	41	36	-	-	6.6
	68	42	40	-	-	7.4
	67	45	41	Tr.	-	6.6
	62	55	51	-	-	3.4
	61	56	*	0.1	-	2.1
	64	50	42	-	-	7.2
	66	47	37	-	-	10.5
	62	53	*	-	-	*
	60	53	*	-	-	5.0
	61	56	*	-	0.1	*
	66	51	*	-	-	10.6
	67	47	41	-	-	9.3
	63	51	*	-	-	*
	67	50	40	-	-	9.9
	65	55	51	-	Tr	9.9
	62	53	*	-	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bmcz$_0$	cy	cybof	71	58	52	-	-	6.5	*	*	6
Croydon	217	bfmmbby	bcyz$_0$	bzmffd	73	57	52	-	Tr	8.8	*	*	3
Greenwich (Royal Observatory) ...	149	b	bcby	bcom	74	57	50	-	-	8.0	57	93	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	73	59	53	-	-	6.5	59	93	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	75	57	45	-	-	6.4	57	99	*
Camden Square	110	b	bcc	*	75	58	51	-	-	*	*	94	*
Kensington	80	bcc	c	*	73	58	51	-	-	6.1	At 18h.	93	*
Hampstead Observatory ...	450	b	bc	*	71	55	51	-	Tr	7.4	60 *	99	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.3	8h.12th	<0.3	9h.12th to 7h.13th

Kew Observatory. Max.	Time.	Min.	Time.
0.5	8h.12th	0.1	16h.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	1021.5	NNE	2	cz$_0$	73	1021.4	NNE	2	bz$_0$	63	77	61	-	-
Brussels						1023.1	ENE	3	b	63		59		
Berlin	1026.0	ENE	1	bcz$_0$	73	1027.8	NNW	1	bz$_0$	66	82	52	-	-
Zurich	1021.4	NNE	1	c	63	1021.7	N	1	cm	57	68	54	-	-
Rome	1015.9	NNW	3	bc	70	1017.3	ENE	2	c	66	*	*	-	-

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. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

FRIDAY, 14th September 1934.

No. 36,594.

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

District	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)
1	London (Kew)	1023.8	-20	ENE	3	b	74	65	6	–	–	–	0	0	–
	Croydon	1023.6	-18	NNE	3	b	76	65	6	–	–	–	0	0	–
	S. Farnborough	1025.6	-18	NE	3	z_o	72	75	6	–	–	–	0	0	–
	Boscombe Down	1023.6	-14	NE	3	z_o	69	75	6	5	–	–	4-6	4-6	1500
	Calshot, S'thmtn	1023.4	-14	NNE	2	b	72	75	6	–	–	–	0	0	–
	Lympne	1023.5	-12	NNE	4	b	75	55	6	–	–	–	0	0	–
	Manston	1023.9	-8	N	4	z_o	69	75	6	–	–	–	0	0	–
2	Shoeburyness	1024.4	-10	ENE	3	b	72	85	7	–	–	–	0	0	–
	Felixstowe	1024.7	-10	ENE	4	z_o	71	75	6	–	–	–	0	0	–
	Gorleston	1025.6	-6	NE	3	z_o	70	88	6	–	–	–	0	0	–
	Cranwell	1025.9	-16	NE	2	b	78	75	7	1	–	–	1	1	4000
3	Birmingham	1025.4	-10	NE	2	bc	68	75	7	–	–	1	0	2-3	–
	Upper Heyford	1024.5	-20	NE	2	z_o	71	75	6	5	–	1	Tr	1	1500
4	Ross-on-Wye	1024.8	-10	E'N	2	z_o	64	85	5	5	–	–	9+	9+	1500
5	Portland Bill	1023.2	-6	ENE	3	b	70	85	6	–	–	–	0	0	–
	Plymouth	1022.9	-10	SSW	2	b	69	85	7	1	–	1	Tr	Tr	2500
	The Lizard	1022.8	-8	ENE	4	b	65	85	8	–	–	–	0	0	–
	Scilly (St. Mary's)	1023.4	-10	ESE	3	b	69	75	6	–	–	–	0	0	–
	Guernsey	1022.8	-8	ENE	2	m	62	95	4	5	–	–	10	10	800
6	Pembroke	1023.2	-16	S	1	z_o	67	75	5	–	–	–	0	0	–
7	Holyhead	1025.2	-8	-	0	bc	65	85	6	–	–	1	0	2-3	–
	Chester (Sealand)	1026.3	-18	SE'S	1	z_o	72	65	6	–	–	–	0	0	–
8	L'pool (Bidston)	1026.1	-8	ESE	3	b	69	65	6	–	–	8	0	1	–
	Manchester	1026.0	-16	ESE	3	z_o	75	55	6	1	–	–	Tr	Tr	4000
9	Harrogate	1027.5	-6	E	2	b	70	65	7	1	–	–	Tr	Tr	4000
10	Spurn Head	1027.3	-4	E	4	b	67	85	7	–	–	–	0	0	–
	Catterick	1027.8	-14	E'S	1	b	72	55	7	1	–	–	Tr	Tr	4000
	Tynemouth	1029.0	-8	SE	1	c	58	85	6	4	–	–	7-8	7-8	4000
11	Inchkeith	1027.4	-16	NE	2	b	58	85	6	5	–	–	1	1	1500
	Leuchars	1027.8	-10	ESE	3	b	63	75	7	1	–	5	Tr	1	4000
12	Renfrew (Abbotsl.)	1025.6	-22	E	1	m	68	75	4	1	–	–	7-8	7-8	4000
	Eskdalemuir	1026.6	-6	S'E	3	b	67	55	7	–	–	–	0	0	–
13A	Tiree	1023.7	+8	SE'S	4	bc	62	85	6	–	5	–	0	4-6	–
13B	Stornoway	1023.0	-8	SSW	5	bc	63	65	7	1	4	3	Tr	2-3	4000
15	Dalwhinnie	1026.9	-2	SW	5	z_o	63	75	7	1	2	–	2-3	4-6	2500
	Aberdeen	1028.7	-4	SSE	3	z_o	58	85	6	5	–	–	7-8	7-8	800
	Wick	1026.6	+2	SSW	3	b	60	85	8	5	–	–	1	1	2500
16	Lerwick	1027.3	+2	S	4	o	53	95	5	5	–	–	10	10	220
17	Blacksod Point	1021.5	-2	S	3	bc	64	75	8	–	4	–	0	2-3	–
18	Malin Head	1022.5	-18	S	3	c	68	75	7	2	–	–	7-8	7-8	1500
	Aldergrove	1025.2	-10	SE	3	z_o	65	75	6	5	3	1	4-6	9+	4000
	Donaghadee	1025.9	-4	SSE	1	bc	62	85	6	7	3	–	2-3	4-6	1500
19	Birr Castle	1023.7	-14	S	3	bc	71	65	7	1	–	–	2-3	2-3	2500
20	Valentia Obsy.	1022.6	-6	S	4	b	67	55	8	1	–	–	Tr	Tr	2500
	Roches Point	1023.6	-6	SE	3	bc	64	85	8	5	–	–	4-6	4-6	2500

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

District	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)
1	London (Kew)	1022.2	-2	E	2	b	72	65	6	–	–	–	0	0	–	0	*
	Croydon	1022.3	-2	NE	3	b	68	75	7	–	–	–	0	0	–	0	*
	S. Farnborough	1021.6	-2	E	3	b	73	65	7	–	–	1	0	Tr	–	0	*
	Boscombe Down	1021.6	-6	–	0	z_o	70	88	5	–	–	–	0	0	–	0	*
	Calshot, S'thmtn	1021.4	-10	N'E	1	b	74	75	7	–	–	–	0	0	–	0	0
	Lympne	1022.0	-6	NE'N	4	b	67	85	6	–	–	1	0	Tr	–	0	§2
	Manston	1021.9	-6	N	4	z_o	67	85	6	7	–	–	Tr	Tr	4000	0	*
2	Shoeburyness	1022.5	-8	NE	2	b	65	95	6	–	–	–	0	0	–	0	*
	Felixstowe	1022.9	-8	NE'E	3	z_o	68	85	6	–	–	–	0	0	–	0	2
	Gorleston	1023.9	-8	NE'E	3	b	67	85	6	–	–	–	0	0	–	0	2
	Cranwell	1024.4	-10	NE	3	b	68	85	6	–	–	–	0	0	–	0	*
3	Birmingham	1022.9	-8	E	2	z_o	74	65	6	1	–	1	Tr	1	4000	0	*
	Upper Heyford	1022.4	-6	NE	1	b	73	55	7	–	–	4	0	1	–	0	*
4	Ross-on-Wye	1022.3	-10	NW	1	z_o	71	75	6	–	–	1	0	1	–	0	*
5	Portland Bill	1021.4	-10	NE	3	b	71	85	6	–	–	–	0	0	–	0	2
	Plymouth	1021.8	-2	W	1	b	65	85	6	–	–	–	0	0	–	0	0
	The Lizard	1021.6	-2	E	3	z_o	60	95	5	5	1	–	9	9+	1500	0	2
	Scilly (St. Mary's)	1021.8	-8	SE'E	2	c	62	95	6	5	1	–	2-3	7-8	1500	0	2
	Guernsey	1021.0	-10	ENE	2	m	64	95	4	–	–	–	0	0	–	0	1
6	Pembroke	1022.1	-14	SE'E	1	z_o	64	85	6	–	–	–	0	0	–	0	1
7	Holyhead	1022.7	-10	–	0	z_o	66	75	6	5	–	1	Tr	Tr	4000	0	0
	Chester (Sealand)	1023.7	-8	SE'E	2	z_o	70	75	6	–	–	5	0	Tr	–	0	*
8	L'pool (Bidston)	1023.4	-10	E	3	z_o	72	65	5	–	–	–	0	0	–	0	*
	Manchester	1023.8	-6	E	2	z_o	73	65	5	–	–	–	0	0	–	0	*
9	Harrogate	1025.5	-6	SE	1	b	68	75	7	–	–	1	0	Tr	–	0	*
10	Spurn Head	1025.4	-8	ESE	3	bc	62	55	6	–	1	–	0	2-3	–	0	2
	Catterick	1026.0	+2	N	2	b	61	95	6	–	–	1	0	1	–	0	*
	Tynemouth	1026.7	-8	NE	2	m	58	95	4	4	–	–	4-6	4-6	4000	0	1
11	Inchkeith	1025.4	-16	N	2	b	57	95	6	5	–	–	1	1	1500	0	1
	Leuchars	1026.0	-6	E	2	b	59	85	7	–	3	1	1	Tr	–	0	*
12	Renfrew (Abbotsl.)	1024.4	-6	SE	1	bc	66	75	6	5	4	1	4-6	4-6	7200	0	*
	Eskdalemuir	1024.6	-10	SE'E	2	b	66	75	7	–	–	1	0	1	–	1	*
13A	Tiree	1022.3	-6	SE'S	3	z_o	60	85	6	2	–	6	7-8	9+	5700	0	3
13B	Stornoway	1022.1	0	SSW	2	bc	61	75	6	8	6	1	2-3	4-6	2500	1	1
15	Dalwhinnie	1024.7	-6	S	5	b	60	75	7	1	–	1	Tr	Tr	5700	0	*
	Aberdeen	1026.5	-14	SSW	4	z_o	57	85	6	5	–	–	7-8	7-8	1500	1	1
	Wick	1024.3	-18	SE	3	b	56	85	8	5	–	–	1	1	2500	0	3
16	Lerwick	1025.8	+6	S	4	bc	55	95	7	5	–	–	2-3	2-3	2500	0	*
17	Blacksod Point	1021.4	0	S	3	b	62	75	7	–	4	–	0	1	–	0	2
18	Malin Head	1021.6	-4	S	1	z_o	66	85	7	8	–	2	7-8	9+	1500	0	0
	Aldergrove	1023.8	-8	SE	3	z_o	63	75	6	5	3	4	4-6	7-8	4000	1	*
	Donaghadee	1023.7	-4	S	1	c	63	85	6	7	3	–	4-6	7-8	2500	0	0
19	Birr Castle	1022.2	-6	S	1	b	68	65	7	–	–	–	0	0	–	1	*
20	Valentia Obsy.	1021.8	-2	S'W	2	b	65	75	8	–	–	1	0	Tr	–	0	1
	Roches Point	1022.5	-6	SE	2	bc	63	85	8	5	–	–	2-3	2-3	2500	0	2

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 13th. (37)	13h.–18h. 13th. (38)	18h. 13th to 1h. 14th. (39)	1h.–7h. 14th. (40)
London (Kew)	ofbzo	by	b	bmw
Croydon	offdcbczo	bzoby	bmw	bmwfof
S. Farnborough	fedcb	bzobyb	bmw	bfbFe
Boscombe Down	mbcmo	bcbmo	bmo	bmo
Calshot, S'thmtn	bcbmo	bmb	bw	bwbmo
Lympne	cmbmo	bbzo	b	bmo
Manston	bcmb	bbc	•	bbczo
Shoeburyness	ocbcmo	bbmo	b	b3
Felixstowe	bzo	bzo	b	bwb3o
Gorleston	bzo	bzozo	b3o3o	bw
Cranwell	cmobc	bzo	bofbf	bwffe
Birmingham	fb	bz	b	bof
Upper Heyford	obmo	bbzo	byb	bmof
Ross-on-Wye	om	czbz	b	bfwof
Portland Bill	bbzo	bbzo	b3o	b3o
Plymouth	bzo	bmo	bmom	bmmw
The Lizard	bcb	bbccz	c3ffb	bbc
Scilly (St. Mary's)	b	bbcc	bmoff	ffemb
Guernsey	ofm	ofm	bmw3	b3bcw
Pembroke	bmo	omo	bmow	bmo
Holyhead	bwyzo	bmozo	b3o3ow	bmw
Chester (Sealand)	fbzo	byzo	bmf	bfbo
L'pool (Bidston)	fbbzo	bbzo	3o6mo	bmfe
Manchester	bcbmino	bzoy	bmw	bmw
Harrogate	cb	o	bo	oFFbo
Spurn Head	b	bcz	bcw	bcw
Catterick	cmbc	bybzo	b3o3	of
Tynemouth	circ	cbcff	bcofff	ofefe
Inchkeith	bczo	b	bbcw	bcfw
Leuchars	wbmb	b	ofedo	dodfm
Renfrew (Abbotsl.)	FFbbc	zbybcw	bccwmo	cowm
Eskdalemuir	bwby	byb	bw	bmw
Tiree	bbczo	bczo	c3o3ow	bw
Stornoway	bbcT	bbc	bc	bc
Dalwhinnie	bc	bc	•	3
Aberdeen	ombcb	czobczo	cmcfc	offem
Wick	bc	bc	bc	bc
Lerwick	bccmo	obc	bccofe	FFL
Blacksod Point	bc	bcb	b	bc
Malin Head	bcc	3	3	3
Aldergrove	czo	cczoczo	c3o3mow	bmwc
Donaghadee	b-3o	bcczo	bc	bc3ow
Birr Castle	bbc	bcb	b	boff
Valentia Obsy.	b	byb	bw	bwcw
Roches Point	bc	bc	bcbw	bbcow

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s_o, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s_o/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⓛ lunar halo. ⌒ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

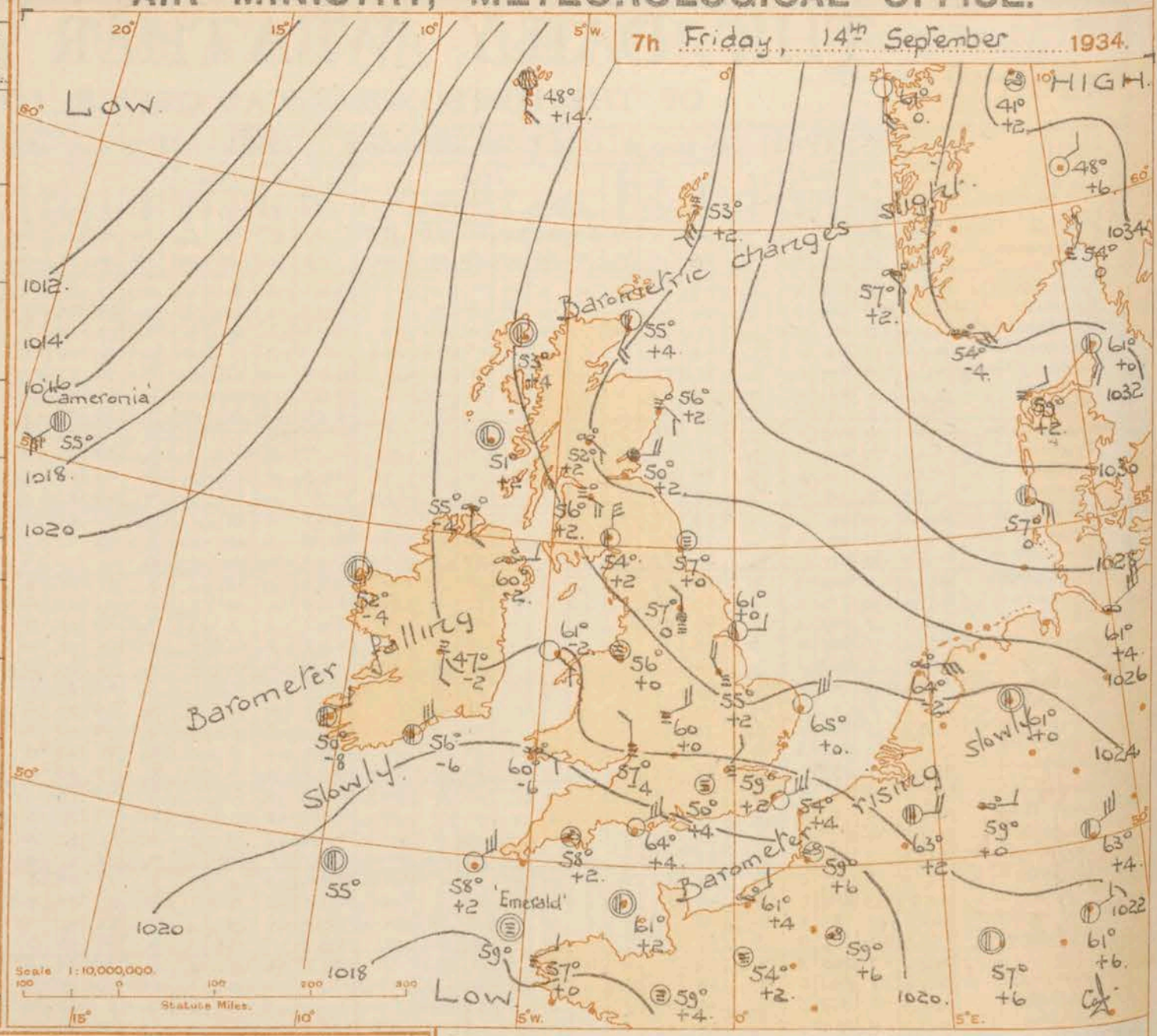
REPORTS from HEALTH RESORTS for 13th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	ob	b	57	73	—	—	7.1	8.6
	Bournemouth	omb	b	53	74	—	—	6.5	7.0
	Ventnor ...	mbz	z	59	76	—	—	10.2	11.1
	Southsea ...	b	b	58	79	—	—	9.3	10.0
	Bognor Regis	mb	b	59	79	—	—	9.5	10.1
	Littlehampton	bcb	b	58	81	—	—	8.5	9.0
	Worthing ...	b	b	60	79	—	—	9.3	9.6
	Brighton ...	b	b	60	81	—	—	9.7	9.9
	Eastbourne†	b	b	60	76	—	—	8.8	10.2
	Hastings‡ ...	b	b	60	79	—	—	9.6	8.7
	Folkestone ...	bcb	b	61	75	—	—	8.4	7.6
	Dover... ...	b	b	63	73	—	—	10.0	8.1
	Deal	b	b	62	72	—	—	10.0	7.7
	Ramsgate ...	bc	bc	62	68	—	—	9.9	6.9
	Margate ...	bc	b	63	67	—	—	9.2	8.4
2	Southend ...	cbcb	b	59	75	—	—	7.7	9.8
	Maldon ...	ocb	b	57	76	—	—	7.7	10.7
	Clacton-on-Sea	cmebc	bcb	60	73	—	—	9.7	10.2
	Dovercourt ...	wmbc	bcm	59	73	—	—	10.0	10.2
	Lowestoft ...	bzob	b	61	70	—	—	9.1	10.5
	Skegness ...	ob	b	54	67	—	—	10.3	10.4
	Mablethorpe	b	bmo	59	67	—	—	10.5	10.8
	Cleethorpes...	bmo	b	58	67	—	—	10.3	11.0
3	Leamington S.	ocb	b	52	79	—	—	5.7	7.9
4	Cheltenham†	omec	cbcbz	50	75	Tr	—	4.2	6.1
5	Bath	mc	cbcb	52	74	—	—	3.8	6.5
	Weymouth ...	bz	b	56	74	—	—	10.4	8.6
	Jersey ...	o	cb	61	72	—	—	3.0	11.3
	Torquay ...	czob	bzo	56	71	—	—	7.4	10.8
	Penzance ...	b	b	54	71	—	—	9.4	10.1
	St. Ives ...	b	b	55	67	—	—	9.7	9.1
	Bude	wb	bbz	49	74	—	—	9.7	8.9
	Ilfracombe ...	b	b	56	66	—	—	9.9	10.2
6	Aberystwyth	zbc	bc	52	77	—	—	8.7	10.9
7	Llandudno ...	bzo	bzo	50	73	—	—	9.7	10.6
	Colwyn Bay...	bbc	bcb	55	76	—	—	10.0	11.4
	Rhyl	zob	zob	47	78	—	—	9.6	10.2
8	Wallasey ...	mbbc	bccbc	52	77	—	—	8.2	8.5
	Southport‖ ...	b	b	48	76	—	—	9.0	10.3
	Blackpool ...	bcc	bcbz	49	75	—	—	9.3	10.5
	Morecambe ...	zbc	bbc	51	76	—	—	10.0	10.5
9	Ilkley... ...	b	b	48	74	—	—	7.4	8.6
10	Berwick-on-T.	b	bo	45	64	—	—	7.4	10.8
11	Dunbar ...	amo	bc	51	64	—	—	10.2	7.7
12	Troon... ...	wbf	bzb	50	71	—	—	9.1	8.0
	Douglas ...	bz	bcz	52	68	—	—	9.7	8.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 14th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th Sept. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England. 6. South Wales	Light or moderate easterly wind; mainly fine, but possibly local thunder later; local fog early tomorrow; warm or very warm afternoon.
7. North Wales 8. N.W. England 9. N. Midlands	Light southeast or east wind; fine, but local fog early tomorrow; warm or very warm afternoon.
10. N.E. England 11. S.E. Scotland	Light southeast or east wind; fair, but local fog perhaps persisting on coast; warm inland.
12. S.W. Scotland & Isle of Man	Light southerly wind; mainly fair, perhaps local fog early tomorrow; warm afternoon.
13. A. W. Scotld. B. N.W. Scotland	Light or moderate wind, mainly southerly; mainly fair, but perhaps showers later; rather warm.
14. Mid-Scotland 15. N.E. Scotland	As 10 - 11.
16. Orkneys and Shetlands.	Light or moderate southerly wind; fair, but some fog; rather warm.
17. N.W. Ireland 18. N.E. Ireland	Light variable wind; mainly fair, but possibly showers later; warm today.
19. S.E. Ireland 20. S.W. Ireland	Light easterly or variable wind; mainly fair, but perhaps local thunder later; warm.

H.M. Stationery Off. & Press, Kingsway, W.C.2. Fo.2801/27(b) No.8016 D.6008 Gp.908 22200. 9/34.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol — ◎ Temperature is given in degrees F.
Weather Symbols:— ○ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/5 clouded. ◕ Sky 1/10 to 1/5 clouded. ● Overcast sky. ⦿ Rain falling. ✳ Snow. ✱ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. T Thunderstorm. ∞ Slight haze.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone is centred over Scandinavia and a smaller one to north of the Azores. A shallow depression is situated over the Bay of Biscay and a trough of low pressure southward of Iceland is moving east. Weather will be mainly fine and warm, but there is a possibility of a thundery tendency in the South later.

FURTHER OUTLOOK.

Mainly fair, but perhaps a thundery tendency in the South and Southwest.

Forecasts issued at 0945 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.

Morning of
FRIDAY,
14th SEPTEMBER,
1934.

Clarke's Projection Scale 1·4 x 10⁷ along meridian at 55 N
Statute Miles 0 500 1000

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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

FRIDAY, 14th September 1934.

No. 24,594.

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

District	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)	°F. Temp. (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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1022.2	-6	NE'N	1	3o	60	95	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.8	-18	E'N	4	b	68	65	7	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1024.0	0	ENE	3	b	65	95	6	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1019.8	-8	ENE	4	b	65	85	6	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1020.5	-6	NE	3	b	61	95	7	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1021.7	-4	NNE	2	F	57	95	1				10	10	4150
	Guernsey ...	175	1020.7	-4	-	0	3o	60	95	5	-	-	-	0	0	-
6	Pembroke ...	142	1021.3	-2	ENE	1	3	61	95	5	5	-	-	1	1	5700
7	Holyhead ...	26	1022.4	-6	ESE	2	5	61	85	6	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1025.4	0	SE	3	bc	61	95	7	-	-	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026.7	0	SE	1	05	57	95	2	5	-	-	10	10	1500
11	Inchkeith ...	190	1025.8	0	NNE	3	bc	55	95	6	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1023.6	+6	SSE	3	bc	57	85	6	5	-	-	4-6	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1025.7	+6	SSW	2	bc	55	95	7	5	-	-	2-3	2-3	2500
16	Lerwick ...	54	1025.7	-2	S	4	5	54	95	3	.	.	.	10	10	<150
17	Blacksod Point	18	1021.3	0	-	0	b	53	95	8	-	-	-	0	0	-
18	Malin Head ...	52	1022.7	0	S	2	3o	55	95	7	5	-	-	1	1	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1021.8	0	S'E	1	b	56	95	7	-	-	-	0	0	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 14th September

District	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	1021.6	+4	NE'E	2	3	63	95	4	-	-	-	0	0	-	0	*
	1021.9	+2	NE	1	-	59	95	3	5	-	-	10	10	<150	-	*
	1021.6	+4	-	0	5	50	95	5	-	-	-	0	0	-	-	*
	1020.7	+2	E	1	3o	60	95	5	-	-	-	0	0	-	-	*
	1020.4	-4	NNE	2	3o	60	95	5	-	-	-	0	0	-	0	*
	1021.3	+4	ENE	3	3o	54	75	6	-	-	1	0	0	-	-	§0
	1021.2	-2	NE'E	3	3o	64	95	6	-	3	1	0	0	-	0	*
2	1022.0	0	NNE	1	5	64	95	4	-	1	-	0	0	-	-	*
	1022.3	0	ENE	2	3o	65	95	4	-	4	-	0	0	-	-	*
	1022.8	0	ENE	3	3o	65	95	6	-	-	-	0	0	-	0	*
	1024.2	+2	NNE	2	5	55	95	2	-	-	-	0	0	-	0	*
3	1023.1	0	ENE	2	0	60	95	3	5	-	-	10	10	450	0	*
	1022.5	+2	NE	1	0	57	95	3	5	-	-	0	0	-	0	*
4	1022.0	-4	N	1	0	57	95	3	5	-	-	10	10	450	0	*
5	1019.4	+4	ENE	4	b	65	95	6	-	-	-	0	0	-	0	3
	1019.5	+2	-	0	3o	58	95	5	-	-	1	0	0	-	0	0
	1019.0	-4	ENE	3	3o	63	95	7	7	4	-	2-3	2-3	2500	0	2
	1018.7	-2	NE'E	3	b	58	95	5	-	-	3	0	0	-	-	2
	1018.2	+2	-	0	bc	61	95	6	-	4	-	0	2-3	-	-	-
6	1019.9	-6	ESE	1	3o	60	95	6	-	-	-	0	0	-	0	0
7	1021.2	-2	E'S	1	3o	61	95	6	-	-	-	0	0	-	0	*
	1023.4	0	-	0	0	56	95	3	5	-	-	10	10	450	0	*
8	1023.4	0	ESE	3	b	56	95	4	-	-	-	0	0	-	0	*
	1023.3	-2	NE	3	3	61	95	4	-	-	-	0	0	-	0	*
9	1025.4	0	N	1	5	57	95	7	5	-	-	10	10	<150	1	*
10	1024.3	0	E	1	bc	61	95	7	5	7	-	0	2-3	-	1	*
	1025.5	+2	NNE	1	0	56	95	2	5	-	-	10	10	450	1	*
	1025.7	0	-	0	0	57	95	2	5	-	-	10	10	1500	1	*
11	1025.5	-2	NNE	2	b	55	95	4	5	-	-	0	0	-	1	1
	1026.2	+2	E	2	5	56	95	4	5	-	-	10	10	<150	1	*
12	1024.8	+2	ESE	2	5	56	95	4	5	-	-	10	10	800	1	*
	1025.1	+2	N	3	bc	52	95	7	-	3	1	0	2-3	-	1	*
13A	1023.3	-2	-	0	bc	51	95	6	-	-	2	0	2-3	-	0	2
13B	1024.1	+4	-	0	bc	53	95	6	5	7	-	2-3	4-6	1500	1	0
15	1026.9	+2	SE	1	3o	53	95	5	4	1	-	2-3	2-3	2500	1	*
	1026.8	-2	SE	1	5	56	95	4	5	-	-	10	10	450	1	1
	1025.8	+4	SSW	2	bc	55	95	7	5	1	1	2-3	4-6	2500	0	2
16	1025.5	+2	S'W	4	F	53	95	7	5	-	-	10	10	<150	0	*
17	1021.4	-4	-	0	bc	52	95	7	-	7	-	0	4-6	-	0	1
18	1022.1	-4	S	1	3o	55	95	6	5	-	1	2-3	2-3	1500	0	0
	1022.8	-2	E	1	3o	60	95	6	5	-	-	3+	3+	800	1	*
	1022.9	-4	NW	1	bc	56	95	6	7	3	-	4-6	4-6	1500	0	0
19	1022.0	-2	S	1	f	47	95	3	5	-	-	10	10	2500	1	*
20	1020.5	-8	ENE	1	c	50	95	7	7	-	3	2-3	7-8	2500	1	1
	1020.4	-6	NE	3	c	56	95	7	5	-	-	7-8	7-8	1500	1	2

PAST 24 HOURS.

District	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 13h Hrs. (36)
1	79	61	53	-	-	6.4
	78	58	51	Tr	Tr	6.6
	79	49	43	Tr	Tr	5.7
	74	58	51	-	-	7.0
	77	60	55	-	-	8.8
	75	57	54	-	-	9.0
	70	62	59	-	-	9.8
2	73	56	50	-	-	8.6
	72	61	59	-	-	10.5
	72	63	60	-	-	10.5
	79	53	51	-	Tr	7.7
3	75	59	55	-	-	5.5
	77	56	51	-	-	*
4	72	52	45	-	-	3.5
5	73	63	*	-	-	*
	73	57	47	-	Tr	9.4
	67	55	*	-	-	*
	69	55	*	-	0.1	10.4
	65	58	53	-	-	2.0
6	(67)	55	*	-	-	9.2
7	73	59	52	-	-	9.6
	78	47	43	-	Tr	8.9
8	74	56	54	-	-	8.3
	78	55	44	-	Tr	8.3
9	73	57	57	-	0.1	7.8
10	67	58	*	-	-	10.8
	73	56	48	-	0.1	7.4
	59	57	56	-	0.2	*
11	60	52	49	-	Tr	8.8
	64	53	49	Tr	0.3	7.9
12	72	51	44	-	-	7.9
	70	51	46	-	-	10.1
13A	63	50	40	-	-	9.5
13B	63	52	*	-	-	9.9
15	67	50	44	-	-	10.1
	60	55	54	-	Tr	4.6
	61	54	*	-	-	*
16	56	53	*	-	-	4.6
17	65	49	*	-	-	*
18	71	53	*	-	-	8.2
	68	52	47	-	-	4.8
	64	55	*	-	-	*
19	71	46	41	-	-	10.7
20	69	48	44	-	Tr	11.3
	65	54	*	-	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	of 63o	6y	6mw	79	61	53	-	-	3.4	*	*	4
Croydon	217	of 64 cbcu 63o	63o 6y	6mwof	78	58	51	-	Tr	6.6	*	*	5
Greenwich (Royal Observatory) ...	149	0m6	6y	6wm	80	59	49	-	*	6.8	48	81	*
City (Bunhill Row)	—	*	*	*	*	*	*			*	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	81	62	56	-	-	6.7	49	77	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	82	60	54	-	-	6.7	51	75	*
Camden Square	110	0c6	6	*	83	60	52	-	-	*	*	79	*
Kensington	80	0bc6	6	*	81	61	53	-	-	6.7	At 18h. 65	77	*
Hampstead Observatory	450	bc	b	bc	78	59	52	-	-	6.7	*	47	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.3	8h.–13h.	<0.3	9h. 13th to 7h. 14th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	6h. 14th	0.1	15h. 13th

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1018.6	E	1	b	77
Brussels	1020.6	ENE	2	b	72
Berlin	1025.8	NE'E	1	3o	73
Zurich	1021.1	N	1	bc	63
Rome	1017.0	NW	1	b	68

7h. G.M.T. 14th September

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1019.3	-	0	3o	59
1020.8	E	2	c	63
1021.7	NE	3	3o	64
1021.5	-	-	f	57
1017.8	NE		f6	66

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
84	47	-	-
82	59	-	-
81	59	-	-
68	54	-	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 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.

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

TERMS OF SUBSCRIPTION. { Single Copies, 1d. each; by post 1½d. 2/6 per month; 6/8 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.

† Hr. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 15th September 1934.

No. 26595

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

District	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)
1	London (Kew)	1019.7	-16	E	4	b	79	45	7	1	–	–	Tr	Tr	4000
	Croydon	1019.7	-14	NE'N	4	b	77	55	7	–	–	1	0	Tr	–
	S. Farnborough	1018.9	-18	E'N	4	3_o	79	55	6	2	4	1	1	2-3	2500
	Boscombe Down	1018.8	-14	ESE	3	3_o	78	55	6	2	3	–	4-6	4-6	4000
	Calshot, S'thmtn	1019.8	-6	SE'E	3	3_o	72	75	6	2	–	1	Tr	1	4000
	Lympne	1019.9	-12	ENE	4	b	75	55	7	4	8	1	Tr	1	7200
	Manston	1019.9	-14	ENE	4	3_o	71	75	6	–	3	1	0	1	–
2	Shoeburyness	1020.8	-12	E'N	3	b	73	75	6	–	–	–	0	0	–
	Felixstowe	1021.2	-10	NE'E	4	b	69	85	7	–	4	1	0	1	–
	Gorleston	1022.5	-6	NE'N	3	bc	69	85	6	–	7	–	0	2-3	–
	Cranwell	1022.1	-16	E'N	3	b	79	55	7	1	–	–	Tr	Tr	4000
3	Birmingham	1020.8	-16	E	3	b	73	65	6	–	–	–	0	0	–
	Upper Heyford	1020.4	-14	NE	3	3_o	77	55	6	–	3	–	0	2-3	–
4	Ross-on-Wye	1019.4	-12	E'N	3	3_o	76	55	6	2	–	–	Tr	Tr	4000
5	Portland Bill	1018.5	-8	ENE	3	b	70	85	6	–	–	–	0	0	–
	Plymouth	1017.7	-10	E	3	b	75	65	7	–	–	1	0	Tr	–
	The Lizard	1017.8	-6	NE'E	4	b	67	75	7	–	–	–	0	0	–
	Scilly (St. Mary's)	1018.3	-8	E'S	2	b	71	75	6	–	–	–	0	0	–
	Guernsey	1018.5	0	–	0	3_o	71	75	5	–	–	–	0	0	–
6	Pembroke	1017.9	-10	SE	2	3_o	69	75	6	–	–	–	0	0	–
7	Holyhead	1019.5	-12	E'N	4	3_o	71	75	6	–	8	–	0	2-3	–
	Chester (Sealand)	1021.1	-18	SE'S	2	3_o	76	65	5	–	–	–	0	0	–
8	L'pool (Bidston)	1021.0	-10	E'S	3	3_o	73	65	5	2	–	–	Tr	Tr	2500
	Manchester	1021.6	-14	E'S	4	3_o	74	55	5	–	–	–	0	0	–
9	Harrogate	1023.4	-6	N	2	m	67	85	4	5	–	–	Tr	Tr	–
10	Spurn Head	1023.7	-4	SE	3	bc	66	85	6	–	3	–	0	2-3	–
	Catterick	1023.7	-18	N'E	2	3_o	69	75	5	–	–	–	0	0	–
	Tynemouth	1025.0	-4	N	1	bc	59	95	6	4	–	–	2-3	2-3	4000
11	Inchkeith	1025.0	-18	NE	3	F	56	95	1	5	–	–	10	10	220
	Leuchars	1025.6	-8	E	2	of	59	95	3	5	–	–	10	10	<150
12	Renfrew (Abbotsl.)	1022.7	-18	E	3	3_o	68	75	5	–	–	–	0	0	–
	Eskdalemuir	1022.7	-12	ENE	3	b	70	75	7	1	–	1	Tr	Tr	5700
13A	Tiree	1021.5	-10	SE'E	2	bc	65	85	6	–	7	–	0	4-6	–
13B	Stornoway	1023.0	-12	NE	3	pr	58	85	6	6	9	–	7-8	10	1500
15	Dalwhinnie	1023.9	-8	S	4	b	69	75	7	–	–	–	Tr	Tr	4000
	Aberdeen	1026.0	-8	SE'E	2	m	59	95	4	5	–	–	10	10	450
	Wick	1025.5	-18	SSE	2	f	58	95	3	5	–	–	10	10	<150
16	Lerwick	1026.3	-4	S'W	4	c	56	95	6	5	7	–	4-6	7-8	800
17	Blacksod Point	1019.7	-10	NW	1	bc	63	85	8	–	1	–	0	2-3	–
18	Malin Head	1020.3	-10	E'N	3	3_o	61	95	6	8	–	–	9	9	1500
	Aldergrove	1021.1	-10	E	2	3_o	71	75	6	1	–	–	Tr	Tr	2500
	Donaghadee	1021.9	-10	–	0	b	64	55	6	–	–	–	c	0	–
19	Birr Castle	1019.8	-10	–	0	c	67	85	7	5	–	–	9+	9+	2500
20	Valentia Obsy.	1018.7	-16	SW	1	c	64	85	7	7	–	2	4-6	7-8	4000
	Roches Point	1018.5	-12	SE	3	bc	67	85	6	5	–	–	4-6	4-6	2500

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

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)
1018.2	-6	E'N	3	b	72	55	6	–	–	9	0	1	–	0	*
1018.4	-2	NE	3	b	69	65	6	–	3	1	0	1	–	0	*
1017.4	-4	ENE	3	b	72	65	7	–	3	1	0	Tr	–	0	*
1017.1	-4	ESE	1	3_o	70	65	6	8	–	6	1	2-3	2500	0	*
1017.8	-10	E	3	3_o	67	75	6	4	–	1	(	2-3	4000	0	(
1018.0	-6	NE'N	3	3_o	68	75	6	–	3	1	0	2-3	–	0	§2
1018.0	-10	NE	4	3_o	68	75	6	–	3	9	0	2-3	–	0	*
1018.6	-6	NE	3	b	66	95	6	–	–	1	0	1	–	0	*
1019.2	-12	NE	4	b	67	85	7	–	4	1	0	1	–	0	2
1020.2	-10	NE'E	2	bc	67	85	6	–	4	–	0	2-3	–	0	2
1020.6	-8	NE'E	2	bc	68	85	6	5	3	9	1	4-6	4000	0	*
1018.4	-10	E	2	b	75	45	7	2	–	3	1	1	2500	0	*
1018.3	-4	ENE	2	3_o	74	55	6	–	–	1	0	Tr	–	0	*
1017.4	-8	E'S	1	3_o	71	75	7	3	–	1	1	2-3	4000	0	*
1016.5	-10	E	3	bc	66	85	7	4	–	–	2-3	2-3	2500	0	2
1016.4	-4	E	3	b	71	75	7	3	–	–	Tr	Tr	4000	0	0
1016.1	-6	ENE	3	bc	63	95	7	7	–	–	2-3	2-3	2500	0	2
1016.6	-6	ESE	3	bc	64	95	5	–	8	3	0	4-6	–	0	2
1017.1	-6	–	0	3_o	66	85	6	–	–	–	0	0	–	1	1
1016.1	-12	ESE	2	3_o	68	75	6	–	7	–	0	2-3	–	0	1
1017.7	-6	SSE	2	3_o	71	75	6	–	8	–	0	2-3	–	0	0
1018.7	-14	E	2	3_o	75	65	6	2	–	–	4-6	4-6	4000	0	*
1018.7	-12	E	3	3_o	74	65	6	2	–	–	2-3	2-3	2500	0	*
1019.0	-10	ESE	3	3_o	75	55	6	–	–	1	0	Tr	–	0	*
1021.4	-6	ESE	3	b	68	75	7	–	–	–	0	0	–	0	*
1021.5	-6	SE	4	bc	62	95	6	–	7	–	0	2-3	–	0	3
1021.8	+2	N	2	b	61	95	5	–	–	1	0	Tr	–	0	*
1022.9	-8	SE	1	of	58	95	2	5	–	–	10	10	1500	1	1
1022.3	-24	NE	4	F	56	95	1	5	–	–	10	10	220	1	*
1023.4	-10	NE	2	f	58	95	2	5	–	–	10	10	<150	1	*
1020.2	-10	E	3	3_o	65	85	6	2	–	1	1	1	5700	0	*
1021.0	-6	E'N	3	b	66	85	7	–	–	1	0	Tr	–	1	*
1018.2	-18	SE	1	3_o	63	85	6	2	5	6	2-3	9	5700	0	2
1019.6	-10	NNE	2	c	58	95	6	5	–	4	4-6	9	1500	1	1
1022.4	-2	S	3	3_o	62	85	6	8	4	–	4-6	4-6	800	0	*
1024.2	-10	SE'S	2	3_o	59	95	5	5	–	–	10	10	450	1	1
1022.2	-14	SSE	4	c	58	95	6	8	6	9	4-6	7-8	1500	0	3
1025.9	-2	SSE	4	f	54	95	2	5	–	–	10	10	<150	0	*
1017.1	-20	–	0	t	59	95	6	5	–	–	10	10	450	0	2
1017.4	-16	E'N	3	3_o	61	95	6	5	–	1	4-6	9	1500	0	0
1018.3	-12	NE'E	2	3_o	66	85	6	5	3	–	1	1	4000	1	*
1019.4	-10	NNE	1	bc	60	85	6	7	–	–	2-3	2-3	4000	0	0
1016.2	-20	~~SSE~~ NE	1	bc	72	75	7	2	–	4	2-3	4-6	2500	0	*
1017.1	-10		0	t	58	95	7	5	–	–	10	10	2500	0	2
1016.0	-14	SE	2	c	65	85	6	5	–	–	7-8	7-8	1500	0	2

PAST 24 HOURS. WEATHER.

7h.–13h. 14th (37)	13h.–18h. 14th (38)	18h. 14th to 1h. 15th (39)	1h.–7h. 15th (40)
bzby	byzo	b	bcfbfw
fmby	byb	bmow	bmw
bfebzoy	bzoybyb	b bu$_x$mo	bf ofF
bczoy	eybzo	bzomo	bmobf
bmob	bcmbmo	bmow	bwfbf
bzoby	bzobc	bcbmo	bwm
bzo	bzo	*	bmo
b	bmo	bm	bm
bzob	b	b	bwbzo
bbczo	bczo	bcb	b bc
bfemb	byzo	bc bmo	bwlff
fb	b	b	botlro
bfbzoy	bczoy	bw	bbcwl
ofcmbzy	bybcc	bmow	bfw
bmz	bzobc	bzo	b bczo
fbbob	b	b	bmobc
bcb	bbc	bcfe	ffecm
bmo	bbcmo	ifoff	iffm
bcbz	bbcz	bzw	bwfm
bmo	bbcmo	bmow	bbccm
bmozo	bcyzo	bwlmo	bmow
ofbzo	bczoy	blmw	bifwF
fbbzo	bbcyzo	bzob	bwbmo
bzzo	bzoy	bzm	bmmo
fobm	b	bo	oFF
b	bz	bcw	bcw
ofebzo	bzoby	bmof	ofom
offbc	bcoff	ofefe	ofefe
FFe	FF	FFe	oiFw
oidff	ofefe	fedof	odom
omdbzo	bbczo	bwmo	bwmcmo
bwb	b	bbwmo	bw
bczo	bczo	czt l	bcz
bccp	c	cprfl, bc	bcc
b	b	*	c
omffm	omomo	omffd	offdm
ffuf	ifmc	FFe	Ffe
FFecmo	comff	ffeom	cofe
bc	idot	PRtl rr	
z	z	bczoz	bccir
cmbzo	bzo	bzow	bmcTLr
bzo	bzo	b bc	tirrc
fc	cbc	bccl	tirrc
cwc	epcct	cpr tl	clofe
cbczo	bczo	bclzo	cptiffe

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity; thus,
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. ⩘ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb–St).
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.

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

§ Sea disturbance reported from Dungeness.

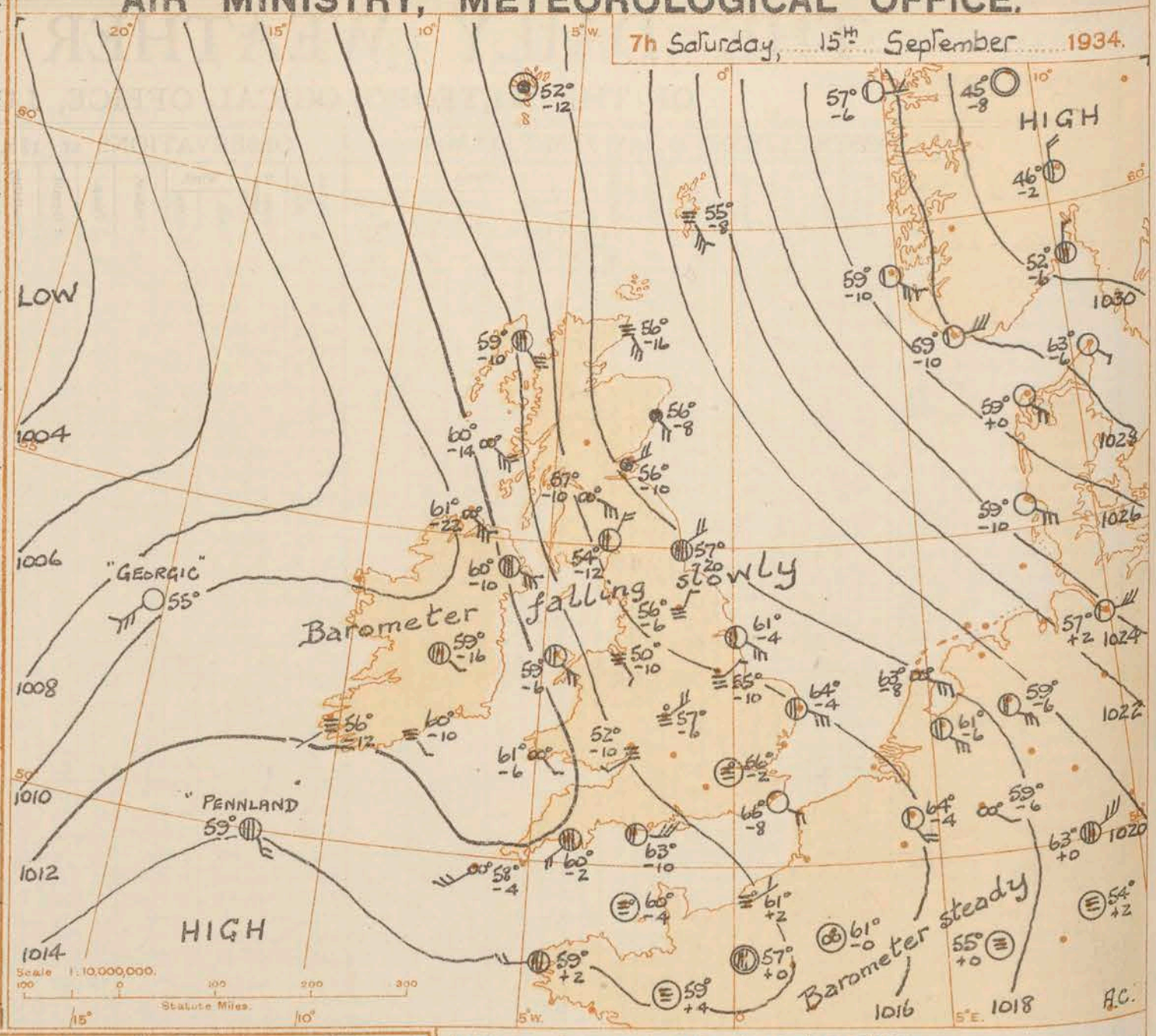
REPORTS from HEALTH RESORTS for 14th September 1934.

Districts.	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.
1	Tunbridge W.	b	b	54	80	—	—	10.5	7.4
	Bournemouth	b	b	57	79	—	—	9.0	7.2
	Ventnor ...	bz	bz	66	74	—	—	10.4	10.7
	Southsea ...	b	b	61	79	—	—	8.9	9.6
	Bognor Regis	b	b	61	74	—	—	10.5	9.8
	Littlehampton	b	b	59	78	—	—	10.6	9.0
	Worthing ...	b	b	65	75	—	—	10.6	9.8
	Brighton ...	b	b	61	79	—	—	10.4	10.2
	Eastbourne†	b	b	58	72	—	—	10.4	8.9
	Hastings† ...	b	bbc	61	79	—	—	10.3	9.8
	Folkestone ...	b	b	63	75	—	—	10.1	8.6
	Dover... ...	mob	bbc	64	75	—	—	10.5	10.5
	Deal	b	b	60	72	—	—	10.4	10.4
	Ramsgate ...	bc	bc	64	69	—	—	10.1	10.1
	Margate ...	bcb	bbc	64	69	—	—	10.5	9.8
2	Southend ...	bz	bz	61	75	Tr	—	10.4	8.0
	Maldon ...	b	b	60	74	—	—	10.2	7.7
	Clacton-on-Sea	bczbc	bc	62	70	—	—	10.3	10.1
	Dovercourt ...	bz	bz	61	71	—	—	10.5	10.2
	Lowestoft ...	b	b	63	71	—	—	10.5	9.7
	Skegness ...	b	b	61	67	Tr	—	10.3	10.6
	Mablethorpe	wb	bmo	51	74	Tr	—	10.3	11.0
	Cleethorpes...	bmow	b	58	67	—	—	10.1	10.5
3	Leamington S.	ocb	b	58	81	—	—	7.0	5.9
4	Cheltenham†	mcb	bbcpo	55	77	Tr	Tr	7.9	4.5
5	Bath	bcb	b	56	79	—	—	7.5	4.5
	Weymouth ...	bz	b	61	75	—	—	10.3	11.1
	Jersey ...	b	b	60	77	—	—	10.2	3.7
	Torquay ...	wbmo	bzo	59	74	—	—	10.3	7.8
	Penzance ...	b	b	58	74	—	—	9.2	9.4
	St. Ives ...	b	b	55	70	—	—	9.3	9.7
	Bude	wb	bbz	51	81	—	—	10.0	9.7
	Ilfracombe ...	b	b	58	74	—	—	9.7	10.4
6	Aberystwyth	zbc	bc	57	78	—	—	10.2	8.9
7	Llandudno ...	bzo	cbcb	55	79	—	—	8.0	10.2
	Colwyn Bay...	bcb	b	56	78	—	—	10.2	10.5
	Rhyl	bzo	bzo	54	80	—	—	9.7	9.6
8	Wallasey ...	fbc	bc	57	80	—	—	7.8	8.2
	Southport‖ ...	b	b	56	78	—	—	9.5	9.0
	Blackpool ...	b	b	58	77	—	—	9.7	9.3
	Morecambe ...	b	bbc	59	79	—	—	10.7	10.0
9	Ilkley... ...	b	b	55	76	—	—	6.1	7.8
10	Berwick-on-T.	o	o	54	60	—	—	0.4	7.4
11	Dunbar ...	of	bc	51	65	—	—	7.9	10.5
12	Troon... ...	wbfb	bbzb	54	78	—	—	9.4	9.8
	Douglas ...	bwz	bcm	58	72	—	—	8.9	9.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 15th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th Sept. 1934
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate southeast wind, becoming south or southwest; fine and very warm at first, perhaps thundery and cooler later; morning fog.
4. W. Midlands	Light variable or southwest wind; cloudy, perhaps local thunderstorms
5. S.W. England	bright intervals; becoming cooler; perhaps morning fog.
6. South Wales	Light or moderate southwest or south wind; variable cloud, perhaps
7. North Wales	local thunder; cooler.
	As 4.
8. N.W. England 9. N. Midlands	Moderate or light southeast to southwest wind; variable cloud, local thunderstorms or thundery rain; becoming cooler; perhaps morning fog locally.
10. N.E. England	As 4.
11. S.E. Scotland	Light or moderate easterly to variable wind; mainly fair today,
12. S.W. Scotland & Isle of Man	except for coastal fog; perhaps local thundery rain later; warm inland.
13. A W Scotld. / B N W Scotland.	Moderate or light southeast to southwest wind; mainly cloudy, local thunderstorms; close today, perhaps cooler later.
14. Mid-Scotland	As 8.
15. N.E. Scotland 16. Orkneys and Shetlands.	Light or moderate southeast wind; mainly cloudy, with fog in coastal districts; rather and close inland.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate variable to southwest or south wind; mainly fair after local thunderstorms, but probably more rain or showers tonight and tomorrow; cooler.

H.M. Stationery Off. & Press, Kingsway, W.C.2.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ 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. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ⌒ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over the Baltic area. A shallow trough of low pressure extending from northwest of Ireland to France is moving northeast slowly and is likely to be followed by another disturbance from the Atlantic. There is a tendency towards local thunderstorms or thundery rains in most areas, though weather will be fine at first in the Southeast. Fog is likely to persist locally on the coast of Eastern Scotland.

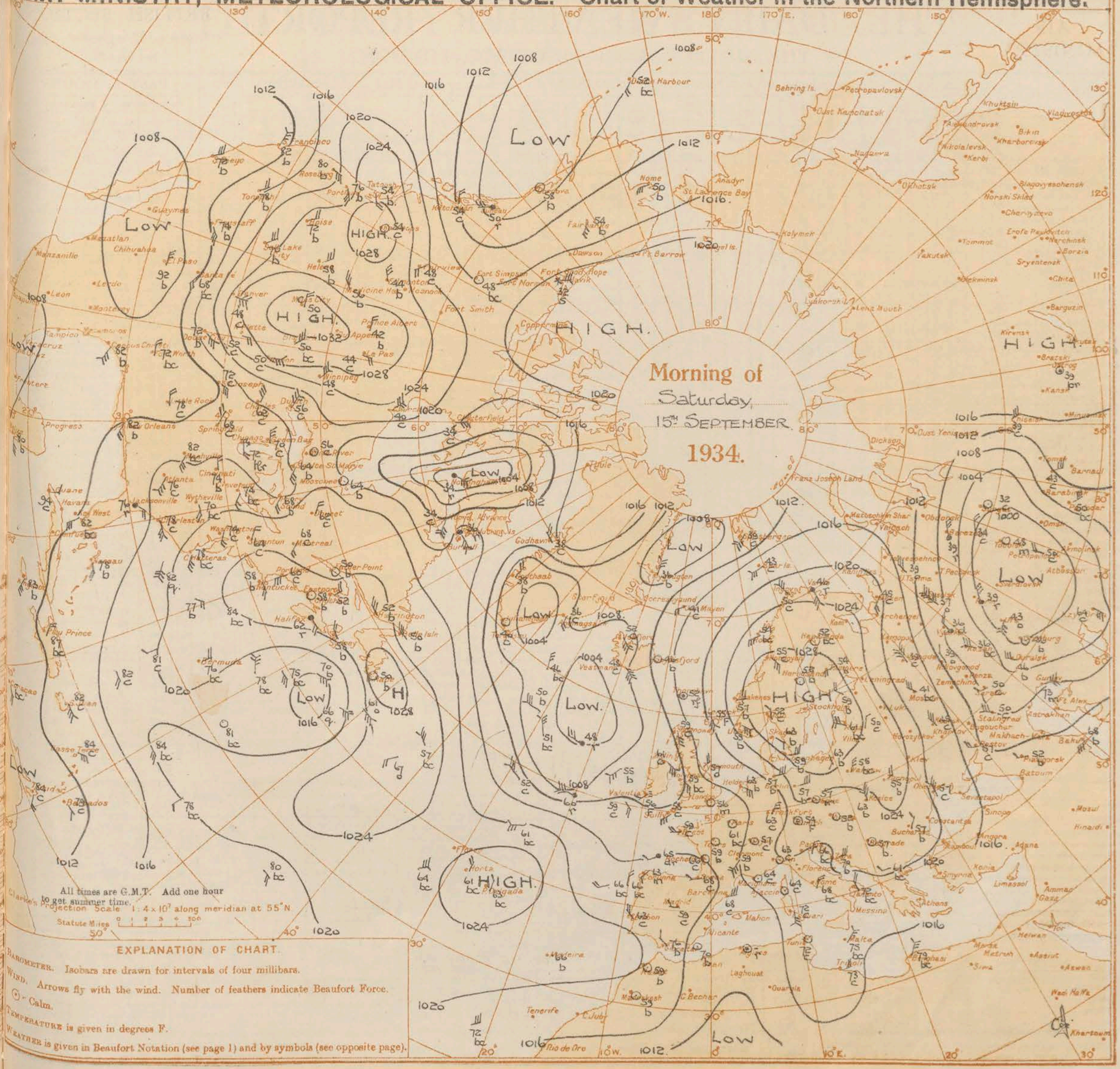
FURTHER OUTLOOK.

Rather unsettled; local thunderstorms in the East; cooler in England.

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

Saturday, 15th September 1934.

No. 26595

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

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1016·5	-14	E	1	3o	60	95	6	-	-	-	0	0	-
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1016·4	-12	E	3	b	63	75	6	-	-	-	0	0	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017·9	-16	ENE	4	b	65	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014·7	-10	E	3	b	62	85	6	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1014·3	-8	-	0	f	60	95	3	5	-	-	10	10	800
	Scilly (St. Mary's)	163	1014·3	-12	S'W	2	o/cm	59	95	4	5	-	-	10	10	800
	Guernsey	175	1015·2	-16	-	0	3o	62	95	6	-	-	-	0	0	-
6	Pembroke	142	1013·8	-6	ESE	1	3o	63	85	6	5	3	-	Tr.	Tr.	5700
7	Holyhead	26	1014·9	-16	ESE	3	c	62	85	6	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1019·0	-10	SE	4	bc	61	95	7	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1020·4	-10	SE	2	f	57	95	2	5	-	-	10	10	1500
11	Inchkeith	190	1021·3	-8	NE	3	F	56	95	1	5	-	-	10	10	220
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1017·2	-12	-	0	bc	55	95	6	8	-	-	2-3	2-3	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1021·5	-2	SSE	5	F	55	95	1	5	-	-	10	10	4150
16	Lerwick	54	1023·3	-8	S	4	m	53	95	4	5	-	-	10	10	450
17	Blacksod Point	18	1038	-20	-	0	rr	57	93	7	6	-	-	10	10	450
18	Malin Head	52	1013·8	-12	SE	3	7	63	95	6	5	-	-	4-6	4-6	1500
	Aldergrove	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1014·1	-14	SWW	2	m	57	95	4	4	-	-	10	10	450
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1014·2	-6	E	2	bcf	62	95	3	1	6	-	1	2-3	4000	0	*
1014·9	-2	-	0	bfd	56	95	4	-	3	9	0	1	-	0	*
1014·2	-2	-	0	bf°	53	95	2	2	-	-	Tr	Tr	2500	1	*
1013·9	-2	E	2	bf	58	95	3	-	-	-	0	0	-	0	*
1014·2	-2	NE	1	b/f	60	95	5	-	-	-	0	0	-	-	1
1014·6	-8	ESE	2	b	66	75	7	-	-	e	0	0	-	0	§ 0
1014·5	-6	SE	2	bzo	64	85	5	-	-	-	0	0	-	0	*
1014·8	0	-	0	bf	59	95	3	-	-	-	0	0	-	1	*
1014·9	-10	E	2	bzo	64	95	6	-	-	-	0	0	-	0	1
1015·5	-4	ESE	3	bc	64	95	6	-	-	1	0	2-3	-	0	2
1015·8	-10	NE	1	bf-	55	95	3	-	-	-	0	0	-	0	*
1015·0	-6	ENE	2	cm	57	95	4	9	-	-	3+	9+	800	1	*
1014·5	-6	E	3	bczo	57	95	5	2	3	1	4-6	4-6	2500	0	*
1014·3	-10	SW	1	bf	52	95	3	2	-	-	1	1	4000	0	*
1012·7	-10	E	3	bc	63	85	6	4	4	-	2-3	4-6	2500	0	2
1012·8	-2	SW	2	c	60	95	6	3	-	6	2-3	7-8	4000	0	1
1013·0	-2	WSW	2	czo	58	96	6	5	7	-	4-6	7-8	2500	1	2
1012·7	-4	WSW	3	czo	58	95	5	8	7	3	2-3	7-8	1500	0	1
1013·8	-4	-	0	bfg	60	95	4	-	1	-	0	1	-	1	1
1011·4	-6	SE's	1	czo	61	95	6	-	8	2	0	7-8	-	0	1
1012·2	-6	SE'E	2	bc	59	95	6	-	3	-	0	2-3	-	0	1
1015·0	-10	SSE	1	F	50	95	1	-	-	-	10	10	4150	0	*
1014·3	-6	ESE	4	bm	58	95	4	-	-	-	0	0	-	1	*
1014·8	-10	E'N	3	bzo	60	85	5	2	-	-	Tr	Tr	6700	0	*
1017·2	-6	NE	1	F	56	95	1	-	-	-	10	10	4150	0	*
1016·1	-4	SE	3	bc	61	95	6	-	7	1	0	2-3	-	1	2
1016·9	-10	-	0	o/m	56	95	4	5	-	-	10	10	1500	0	*
1017·6	-20	ENE	2	o	57	95	6	6	-	-	10	10	1500	1	1
1018·0	-10	NE	2	c	55	95	7	5	-	-	9+	9+	1500	1	2
1018·6	-10	ENE	2	dod	56	95	4	5	-	-	10	10	4150	1	*
1015·7	-10	E'S	3	cz	57	95	5	5	-	-	9+	9+	450	0	*
1016·7	-12	NE'N	2	bc	54	95	7	5	-	-	4-6	4-6	450	1	*
1012·3	-14	SE'E	3	czo	60	85	6	2	9	6	2-3	9+	4000	0	3
1013·3	-10	SSE	3	c	59	95	7	8	6	-	4-6	7-8	1500	1	1
*	-18	SE	2	c	55	95	6	3	-	-	7-8	7-8	800	1	*
1019·6	-8	SE	2	dm	56	95	4	5	-	-	10	10	4150	1	1
1018·6	-16	SSE	3	f	56	95	1	-	-	-	10	10	4150	1	3
1021·2	-8	S'E	4	f	55	95	3	-	-	-	10	10	4150	0	*
1010·1	-16	-	0	o	58	95	7	-	2	-	10	10	450	1	1
1010·0	-22	SE	4	czo	61	95	6	8	-	3	7-8	9	800	1	1
1012·4	-10	ESE	4	c/cfg	60	95	6	8	-	3	9	9+	2500	1	*
1013·5	-10	SE	2	c	59	95	7	5	-	-	7-8	7-8	1500	1	1
1010·8	-16	SE	1	c	59	95	8	6	1	-	7-8	10	2500	1	*
1011·7	-12	SW	1	f	56	95	3	5	-	-	10	10	220	1	1
1011·7	-10	SE	1	f	60	95	3	-	-	-	10	10	4150	1	1

PAST 24 HOURS.

District	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)
1	London (Kew)	79	60	52	-	-	10·0
	Croydon	78	55	*	Tr	-	8·9
	S. Farnborough	80	51	44	-	Tr	9·2
	Boscombe Down	79	57	53	-	-	8·9
	Calshot, (S'thmtn)	73	58	53	-	-	10·6
	Lympne	76	61	55	-	-	10·6
	Manston	73	62	59	-	-	10·8
2	Shoeburyness	73	55	47	-	-	10·7
	Felixstowe	70	56	52	-	-	10·8
	Gorleston	70	62	59	-	-	10·3
	Cranwell	73	52	49	-	Tr	9·9
3	Birmingham	78	57	54	-	0·2	6·9
	Upper Heyford	80	66	52	-	-	*
4	Ross-on-Wye	79	50	45	-	-	6·3
5	Portland Bill	70	60	*	-	-	*
	Plymouth	76	58	48	-	-	10·1
	The Lizard	68	57	*	-	Tr	*
	Scilly (St. Mary's)	71	57	*	-	-	9·6
	Guernsey	73	58	53	-	-	10·7
6	Pembroke	71	59	*	-	-	*
7	Holyhead	73	59	55	-	-	8·9
	Chester (Sealand)	80	49	43	-	-	8·1
8	L'pool (Bidston)	75	58	55	-	-	7·3
	Manchester	79	59	52	-	-	9·3
9	Harrogate	75	56	56	-	-	5·1
10	Spurn Head	67	59	*	-	-	10·2
	Catterick	76	55	56	-	Tr	4·9
	Tynemouth	61	56	55	-	0·6	*
11	Inchkeith	57	55	50	Tr	Tr	0·0
	Leuchars	60	56	55	0·1	0·4	0·0
12	Renfrew (Abbotsl)	*	*	*	*	*	*
	Eskdalemuir	71	56	54	Tr	-	4·8
13A	Tiree	66	57	49	-	-	4·2
13B	Stornoway	62	54	*	0·2	1	6·3
15	Dalwhinnie	69	54	51	-	-	7·5
	Aberdeen	59	55	55	-	1	0·0
	Wick	59	54	*	-	-	*
16	Lerwick	56	52	*	-	-	0·1
17	Blacksod Point	63	55	*	Tr	16	*
18	Malin Head	65	59	*	-	3	3·8
	Aldergrove	72	59	57	-	Tr	8·2
	Donaghadee	66	58	*	-	9	*
19	Birr Castle	75	58	52	-	13	5·3
20	Valentia Obsy.†	65	55	55	Tr	0·3	3·1
	Roches Point	67	60	*	-	2	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	bz by	byzo	b bcf bf	79	60	52	-	-	10·0	*	*	4
Croydon	217	fm by	by b	bm, mw	78	55	*	Tr	-	8·9	*	*	4
Greenwich (Royal Observatory)	149	by.	by	bw mo	80	57	50	-	Tr	10·5	46	80	5
City (Bunhill Row)	—				*	*	*	*	*	9·9	*	*	5
Westminster (St. James' Park)	27	*	*	*	80	62	57	-	-	9·9	48	78	*
Regents Pk. (Botanic Gardens)	168	*	*	*	82	59	54	-	-	10·3	47	75	*
Camden Square	110	b	b	*	82	58	50	-	-	*	*	80	*
Kensington	80	bz	b	bc zw	80	59	51	-	-	10·3	At 18h. 56	78	*
Hampstead Observatory	450	b	bc	bc	78	58	51	-	-	10·8	*	91	*

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.
Paris	1015·8	E	1	bc	73	1014·5	-	0	bczo	61
Brussels	1017·2	ENE	3	c	72	1015·5	SSE	2	bc	64
Berlin	1026·5	ENE	2	bc	70	1025·2	E	3	bzo	57
Zurich						1019·6	NE	1	f	57
Rome	1016·7	WNW	5	bc	72	1016·5	NE	2	c	68

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
81	57	-	-
81	57	-	-
77	54	-	-
	55		0·1
»	«	—	—

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·3	07-08h. 14h.	<0·3	13-18h. 14h.

Kew Observatory. Max.	Time.	Min.	Time.
0·4	09h. 14h.	<0·1	14h. 19h.

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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 16th September 1934.

No. 26,596

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

District	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)
1	London (Kew)	1012.4	-6	S'E	2	c	77	55	7	1	–	–	7-8	7-8	1500
	Croydon	1012.8	-10	SE	3	bc	80	55	7	8	3	–	4-6	4-6	4000
	S. Farnborough	1012.3	-10	SE	3	bc	78	55	7	9	–	3	4-6	4-6	4000
	Boscombe Down	1012.1	-10	S'E	3	₃o	74	65	6	8	–	–	7-8	7-8	4000
	Calshot, S'thmtn	1013.3	-6	E'S	3	₃o	70	85	6	3	3	–	1	4-6	2500
	Lympne	1013.8	-6	SSE	2	b	73	65	7	2	8	–	Tr	1	4000
	Manston	1013.2	-6	SE	2	₃o	75	65	6	–	–	–	0	0	–
2	Shoeburyness	1013.4	-6	E'S	3	bc	74	85	6	2	3	4	2-3	2-3	4000
	Felixstowe	1014.3	-2	ESE	3	₃o	70	75	6	–	–	–	0	0	–
	Gorleston	1014.6	-6	SE'E	2	b	67	85	6	–	–	–	0	0	–
	Cranwell	1013.0	-12	SE	2	bc	78	55	6	1	3	3	Tr	2-3	4000
3	Birmingham	1011.9	-12	SSE	2	b	75	65	6	1	–	–	1	1	2500
	Upper Heyford	1012.1	-10	SSW	2	₃o	79	45	6	2	4	9	4-6	4-6	4000
4	Ross-on-Wye	1011.5	-10	S'W	2	bc	76	55	6	1	5	9	1	2-3	4000
5	Portland Bill	1012.7	-4	E	2	bc	66	85	6	4	–	–	2-3	2-3	2500
	Plymouth	1012.8	-2	SW	4	₃o	64	95	6	5	8	8	4-6	9+	450
	The Lizard	1013.7	0	SW	3	c	63	85	7	4	2	–	7-8	10	2500
	Scilly (St. Mary's)	1013.4	+2	SW	3	c	62	85	6	8	8	–	4-6	9+	2500
	Guernsey	1013.9	0	W	2	₃o	65	85	5	5	1	–	4-6	10	2500
6	Pembroke	1009.6	-4	S	2	₃o	63	85	6	5	7	–	7-8	9+	4000
7	Holyhead	1010.3	-10	SSW	3	₃o	72	65	6	2	–	6	1	4-6	4000
	Chester (Sealand)	1011.7	-16	SSE	2	₃o	73	65	6	2	–	–	2-3	2-3	4000
8	L'pool (Bidston)	1011.0	-10	S'E	3	b	70	65	6	1	–	–	Tr	Tr	2500
	Manchester	1011.5	-20	SSE	3	₃o	76	55	6	8	–	–	4-6	4-6	4000
9	Harrogate	1012.7	-14	SE	2	c	70	65	7	2	–	–	7-8	7-8	4000
10	Spurn Head	1013.8	-8	SE	3	b	66	85	6	–	–	–	0	0	–
	Catterick	1012.9	-20	SE'E	1	bc	72	55	7	–	–	1	0	2-3	–
	Tynemouth	1014.7	-10	E	1	0	59	95	5	5	–	–	10	10	1500
11	Inchkeith	1013.9	-20	NE	4	bc	60	95	6	5	5	–	2-3	4-6	1500
	Leuchars	1014.8	-18	E	2	d$_o$d$_o$	59	95	5	5	–	–	10	10	<150
12	Renfrew (Abbotsl.)	1011.9	-34	E'N	4	₃o	66	85	6	–	4	–	0	2-3	–
	Eskdalemuir	1012.0	-26	E	3	bc	69	55	6	1	–	1	Tr	2-3	4000
13A	Tiree	1009.6	-20	SE'E	4	c/r	60	85	6	8	1·	–	7-8	10	2500
13B	Stornoway	1011.5	-10	SSE	2	c	66	65	7	7	7	1	4-6	7-8	1500
15	Dalwhinnie	1013.4	-14	S	4	c	63	75	7	4	1	–	4-6	9	1500
	Aberdeen	1016.4	-14	SE	2	o/	58	95	2	5	–	–	10	10	<150
	Wick	1015.9	-12	SSE	3	/	57	95	3	5	–	–	10	10	<150
16	Lerwick	1018.8	-6	SSW	4	F-	56	95	2	5	–	–	10	10	<150
17	Blacksod Point	1009.0	-14	–	0	c	60	85	6	–	2	–	0	10	–
18	Malin Head	1008.2	-10	SE	3	₃o	65	95	6	9	–	–	10	10	1500
	Aldergrove	1009.8	-16	ESE	4	₃o	65	85	6	8	–	–	9	9	1500
	Donaghadee	1012.3	-12	SE	2	₃o	61	85	6	5	–	–	10	10	800
19	Birr Castle	1009.3	-6	SW	1	tlr	60	95	7	6	–	–	10	10	2500
20	Valentia Obsy.	1010.9	-6	S	3	c	62	85	7	5	–	–	9+	9+	1500
	Roches Point	1011.0	-8	SW	3	c	60	95	6	8	–	–	9	9	1500

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

District	Stations. (For heights see p. 4.)	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)
1	London (Kew)	1011.6	+10	SW'S	3	c	72	75	7	8	–	–	9+	9+	2500	0	*
	Croydon	1012.4	+6	S'W	2	c	70	75	6	3	9	–	2-3	9+	4000	1	*
	S. Farnborough	1011.9	+10	SW	3	ir	69	75	7	5	2	–	7-8	10	8200	0	*
	Boscombe Down	1011.4	+2	S'W	2	c/pr$_o$	65	95	5	5	1	–	7-8	10	4000	1	*
	Calshot, S'thmtn	1012.9	+2	SW	3	c/r	63	95	5	5	2	–	9	10	800	1	2
	Lympne	1013.1	+4	S'W	2	₃o	66	85	5	7	3	9	2-3	7-8	4000	0	§1
	Manston	1012.3	-4	ESE	2	₃o	68	85	6	2	–	2	2-3	4-6	4000	0	*
2	Shoeburyness	1011.9	-6	S	2	bc	69	95	6	–	7	6	0	4-6	–	0	*
	Felixstowe	1012.3	-6	SE'E	3	₃o	66	95	5	5	–	6	Tr	4-6	4000	0	1
	Gorleston	1012.8	-6	SE'E	3	c	65	85	5	–	–	6	0	9+	–	0	2
	Cranwell	1011.1	0	S'E	3	c	67	75	6	8	7	–	4-6	10	2500	0	*
3	Birmingham	1010.6	-2	SW	2	tlr	69	75	6	6	–	–	10	10	1500	1	*
	Upper Heyford	1012.0	+10	–	0	4/tLR	62	95	6	8	7	–	7-8	9	800	1	*
4	Ross-on-Wye	1011.1	0	SW	2	₃o	63	85	6	–	7	5	0	9+	–	0	*
5	Portland Bill	1012.3	+6	WSW	4	c	62	85	7	5	4	–	7-8	10	1300	0	3
	Plymouth	1012.5	0	SW'W	4	c	62	95	7	–	7	6	0	7-8	–	0	2
	The Lizard	1012.9	-2	SSW	3	0	61	95	6	5	–	–	10	10	2500	0	2
	Scilly (St. Mary's)	1011.9	-5	SSW	3	c	61	95	6	5	–	–	7-8	7-8	4000	0	2
	Guernsey	1014.2	+2	W	2	bc	61	95	6	5	–	–	4-6	4-6	4000	0	1
6	Pembroke	1010.5	0	WSW	3	₃o	60	85	6	5	6	1	2-3	4-6	5700	0	1
7	Holyhead	1009.9	-2	S'E	4	c	61	85	5	2	7	–	4-6	9	2500	1	2
	Chester (Sealand)	1010.4	-2	WSW	2	r/tlr	65	85	6	9	2	–	7-8	10	1500	0	*
8	L'pool (Bidston)	1010.7	-2	SW'W	4	r/tlr	64	95	5	6	2	–	7-8	10	800	2	*
	Manchester	1009.8	-6	W'S	3	₃o	69	85	5	2	7	6	Tr	7-8	4000	0	*
9	Harrogate	1010.8	-6	SE	2	c	66	65	7	3	9	–	4-6	9	2500	0	*
10	Spurn Head	1011.4	-8	S'E	5	c	66	95	6	5	2	–	7-8	9+	2500	0	4
	Catterick	1010.4	-4	–	0	4/tlr	65	85	6	8	–	3	7-8	9+	4000	1	*
	Tynemouth	1011.5	-2	SE	1	0	59	95	6	5	–	–	10	10	1300	1	1
11	Inchkeith	1010.8	-18	NE	3	F	56	95	1	5	–	–	10	10	220	0	*
	Leuchars	1011.5	-16	ENE	2	m	58	95	4	5	–	–	10	10	<150	1	*
12	Renfrew (Abbotsl.)	1009.4	-6	E'S	2	₃o	62	85	6	2	–	7	2-3	10	5700	0	*
	Eskdalemuir	1009.7	-10	N'E	1	pr$_o$	64	85	6	8	–	–	9+	9+	2500	1	*
13A	Tiree	1008.1	-6	SW'S	3	RR	57	95	7	9	2	–	9+	10	800	1	2
13B	Stornoway	1007.7	-16	SSE	2	c	61	75	8	8	19	–	4-6	9	2500	1	1
15	Dalwhinnie	1011.4	-12	S	4	c	58	85	7	8	2	2	4-6	9	800	0	
	Aberdeen	1012.9	-16	SE'E	3	₃o	57	95	5	5	–	–	10	10	450	1	3
	Wick	1012.9	-18	S	3	/	56	95	5	5	–	–	10	10	<150	1	4
16	Lerwick	1015.8	-12	S	4	c	56	95	6	5	2	–	9	10	450	0	*
17	Blacksod Point	1007.7	-6	S	2	c	58	95	6	–	7	–	0	9	–	0	2
18	Malin Head	1006.5	-10	S	1	o/r	59	95	7	9	–	–	10	10	1500	2	0
	Aldergrove	1008.6	-2	SE	1	r$_o$r$_o$	57	95	6	8	2	–	9	9+	800	1	*
	Donaghadee	1008.7	-6	S	2	r/tlr	61	95	7	6	–	–	10	10	800	1	1
19	Birr Castle	1008.3	-6	SW	1	c	62	95	7	9	–	8	4-6	7-8	2500	1	*
20	Valentia Obsy.	1010.2	+2	SW'W	3	c	57	75	8	5	3	3	4-6	7-8	1500	0	2
	Roches Point	1010.0	-4	SW	3	c	59	85	7	5	–	–	7-8	7-8	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 15th. (37)	13h.–18h. 15th. (38)	18h. 15th to 1h. 16th. (39)	1h.–7h. 16th. (40)
bc$_2$bcy	bc ytc	c r bcc	c/$\cancel{2}$m$_o$b
bmm$_o$bc	t l r bcy c	c3$_o$bcm$_o$	c b c m$_o$ w
o f bm bc$_2$y	bcy c c i r	c i r i d$_o$ c b c w	b c m$_o$ c m$_o$
b f c$_2$ ₃o	bc$_2$ pr	c m$_o$	c b c m$_o$
bm$_o$bcm$_o$	c m$_o$ i r$_o$	c m$_o$	c m$_o$
bm$_o$ ₃o	b b c m$_o$	b c f$_2$ p r$_o$	c w b c m$_o$
b$_2$$_o$	b b c$_2$$_o$	b c$_2$ c p r$_o$	b b c m$_o$
b b c m$_o$	b c m$_o$	b c p r f l	c b c m$_o$
b f m$_o$	b$_2$ ₃o b c$_2$$_o$	b c$_2$ c l r$_o$	c b$_2$ ₃o
b f c m$_o$	o b c$_2$$_o$	b b c l	b c l e w
m b c b	b r t	b r c	c o
b b c y$_2$ ₃o	c T L R H	c r b c b	b f c m$_o$
j b c b$_2$	b c y c p r c	c b c m$_o$ b	b m w b c
b c b c$_2$ ₃o	o f c	c	c b c
b c a m $\cancel{2}$o	c m$_o$ b c	b e p r$_o$	b c p r o v
c	c c m	o m b c	b c
e m$_o$	c	o m m c	p b b c
b c o f o r	c b c c	b c b w	b w b c$_2$
o m$_o$	b c m$_o$	c p r c	c q p r c$_2$
b m$_o$ ₃o	p r$_o$ R	c m$_o$	R p r$_o$
f b ₃o	c t i r$_o$	p r o l b c	b c w m
m b	b c g t l k	l r b b	b b c
b ₃b c p r$_o$	b c$_2$ r m	T L R m$_o$	c b c m$_o$
f b b c	b c g j t	T L P	b
b$_2$	c	c t i p	c
o m c$_2$ b c	b y c ₃o	c T l r r	c b m$_o$
o m$_o$	o m$_o$	o i g t t l e	c b c m
c b c	c F M	F F e	F F F e
o d d m$_o$	o c d y f	s i d o l m	d r d o r m
m e n b c ₃o	b c c ₃o	c T L R m$_o$	c m$_o$
b m b ₃y	t b r$_o$	r o t l r r	r r c m$_o$
₃o t i r$_o$	c$_2$ g l k g	g R R C	r R y
c	c	t p r$_2$ b	c r r f f e
b c	o f f c e m$_o$	o m f d e	o l d r f r M
f e f e	f b e	c o n f e	f o r l t
o f f e	o f f c e m$_o$	c b c c	c m$_o$
c	c	c	c b c
c b y	c T L R ·	t l	c R k
₃o	₃o t l r r	c r o r c	o p r c$_4$
o b ₃o r$_o$	o t l r r	o r o r$_o$	o r o r$_o$
c t l R	t l r c	c r r	r r c
o j e o c	c	c i r o c	c
F F c m$_o$	c m$_o$ c	c o r d$_o$	o p r b c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⓜ lunar halo. ₉ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-Stratus (Nb-St).
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.

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

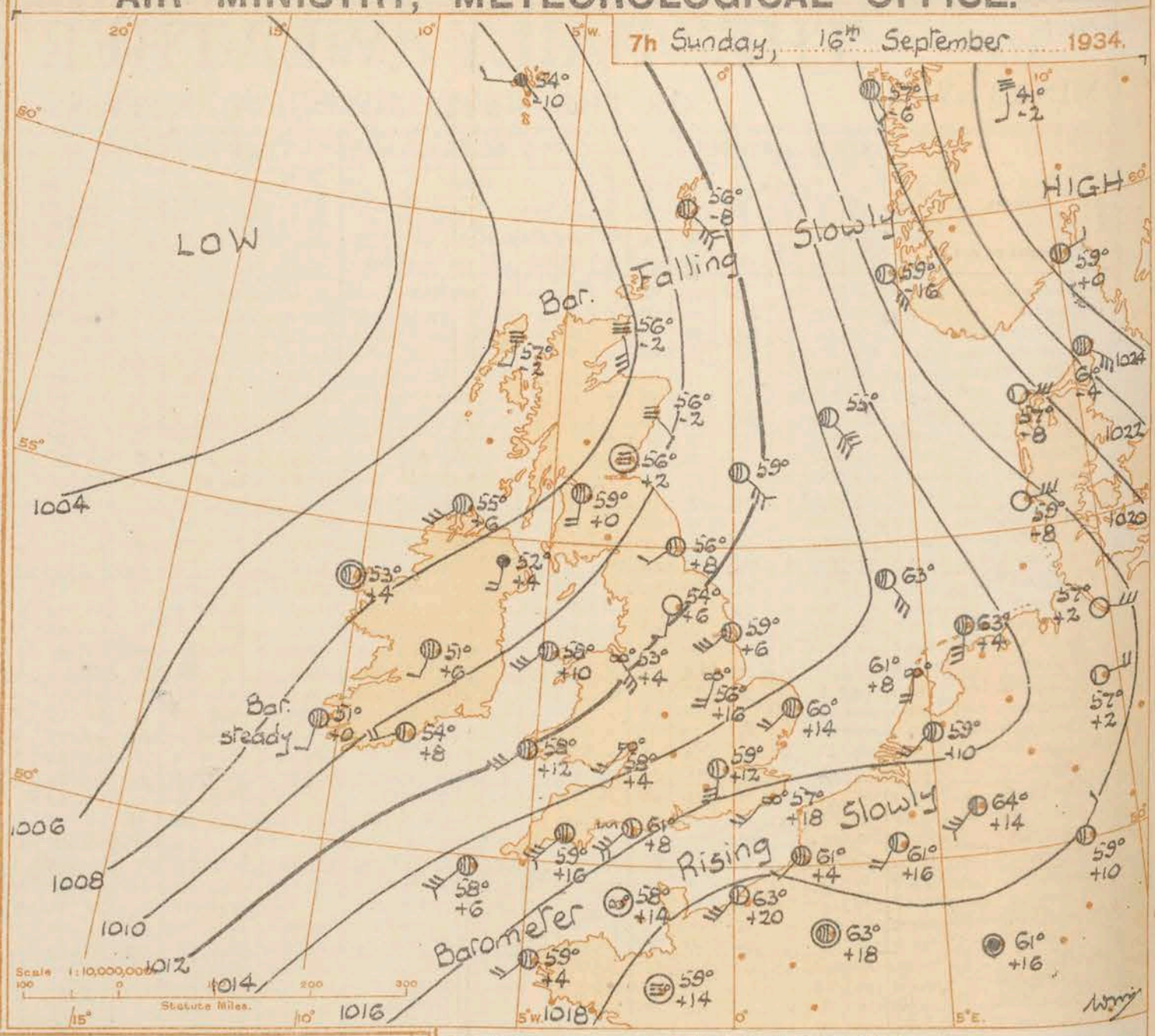
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 15th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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. 15th
1	Tunbridge W.	bbc	bbc	54	81	—	—	9.0	10.6
	Bournemouth	b	bcco	55	74	—	—	6.5	10.0
	Ventnor ...	bz	bcmpo	63	73	—	Tr	7.3	10.9
	Southsea ...	b	bbcop	60	74	—	0.2	7.5	9.1
	Bognor Regis	b	bc	61	71	—	—	6.1	10.8
	Littlehampton	bc	bc	58	72	—	—	6.5	10.9
	Worthing ...	bbcb	bbcc	60	69	—	—	7.4	11.1
	Brighton ...	bbc	bc	60	71	—	—	7.1	10.7
	Eastbourne†	bcb	bbcc	58	71	—	—	8.3	10.4
	Hastings† ...	b	bbcc	63	71	—	—	9.4	10.3
	Folkestone ...	b	b	61	76	—	—	10.1	10.1
	Dover... ...	mb	mbbc	57	76	—	—	10.5	10.5
	Deal	b	b	57	74	—	—	9.5	10.4
	Ramsgate ...	bcm	bc	62	70	—	—	10.0	10.1
	Margate ...	bcb	bbc	61	75	—	—	10.5	10.8
2	Southend ...	bz	bbzbc	61	79	Tr	—	10.4	10.8
	Maldon ...	mb	bbcc	57	78	—	—	6.9	10.3
	Clacton-on-Sea	bcmbz	bbcz	63	70	—	—	10.0	10.9
	Dovercourt ...	bz	bcm	58	71	—	—	8.0	11.2
	Lowestoft ...	b	bbzbc	61	71	—	—	8.9	10.9
	Skegness ...	bmb	bcblo	60	69	Tr	—	8.4	10.3
	Mablethorpe	wb	bctlrh	62	67	0.3	2	8.8	10.7
	Cleethorpes...	mwb	bcq	56	68	—	—	9.6	10.1
3	Leamington S.	bc	ctl	57	81	—	—	7.6	7.0
4	Cheltenham†	mbbc	ctlr	54	70	—	0.3	6.2	8.0
5	Bath	b	bctlr	54	76	—	3	4.5	7.6
	Weymouth ...	bz	bzc	58	72	—	—	6.4	11.5
	Jersey ...	fc	c	60	66	—	—	0.5	10.6
	Torquay ...	cwm	c	54	69	—	—	0.9	10.9
	Penzance ...	cbc	sbbc	58	68	—	—	3.7	9.6
	St. Ives ...	c	c	58	70	—	—	3.0	9.3
	Bude	otlpo	oc	55	65	7	—	1.0	10.2
	Ilfracombe ...	cbc	bcc	62	67	—	—	1.3	9.7
6	Aberystwyth	cbc	bcc	60	69	—	—	4.7	10.8
7	Llandudno ...	bc	bctlr	60	77	3	4	4.9	8.3
	Colwyn Bay...	bbc	bctr	57	77	0.3	0.3	5.7	10.4
	Rhyl	bzo	bcctlr	58	76	—	0.2	4.2	9.7
8	Wallasey ...	cbc	bcc	59	74	—	—	5.2	7.8
	Southport‖ ...	bccpc	cdt	57	75	—	0.3	4.5	9.5
	Blackpool ...	c	ct	58	74	—	—	5.2	9.9
	Morecambe ...	cbcc	cbbcc	59	76	—	—	4.0	10.9
9	Ilkley... ...	b	b	57	75	—	—	6.1	6.7
10	Berwick-on-T.	of	fcco	54	58	0.2	—	0.5	0.4
11	Dunbar ...	of	cmbc	53	62	—	—	5.9	8.3
12	Troon... ...	wobzb	bzccz	58	74	—	—	4.0	10.0
	Douglas ...	bcm	cbm	59	66	—	—	6.8	8.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th September, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate southwesterly wind; bright periods, occasional showers today; mainly fair tonight and tomorrow; average temperature.
4. W. Midlands 5. S.W. England. 6. South Wales	Moderate southwest wind; bright periods and occasional showers today; cloudy with occasional rain later; average temperature.
7. North Wales 8. N.W. England 9. N. Midlands	Moderate southwest wind, backing south later; bright periods and showers today; more general rain later; average temperature.
10. N.E. England 11. S.E. Scotland	As 4 - 6.
12. S.W. Scotland & Isle of Man	As 7 - 9.
13. A. W. Scotld. B. N.W. Scotland	Moderate south wind, backing southeast; mainly cloudy; rain later; average temperature.
14. Mid-Scotland	As 7 - 9.
15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate southeast to south wind; cloudy; rain at times; average temperature; fog clearing.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate south wind, veering later; cloudy with rain later today; showers and bright periods tomorrow; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol — ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS:— ◯ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 3/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. T Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ⌒ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large depression is centred to northwest of the British Isles and a secondary disturbance off Southwest Ireland is likely to move northeast. There will be bright periods and occasional showers in most districts today, but more general rain will spread over Ireland, Scotland and West England and Wales later.

FURTHER OUTLOOK.

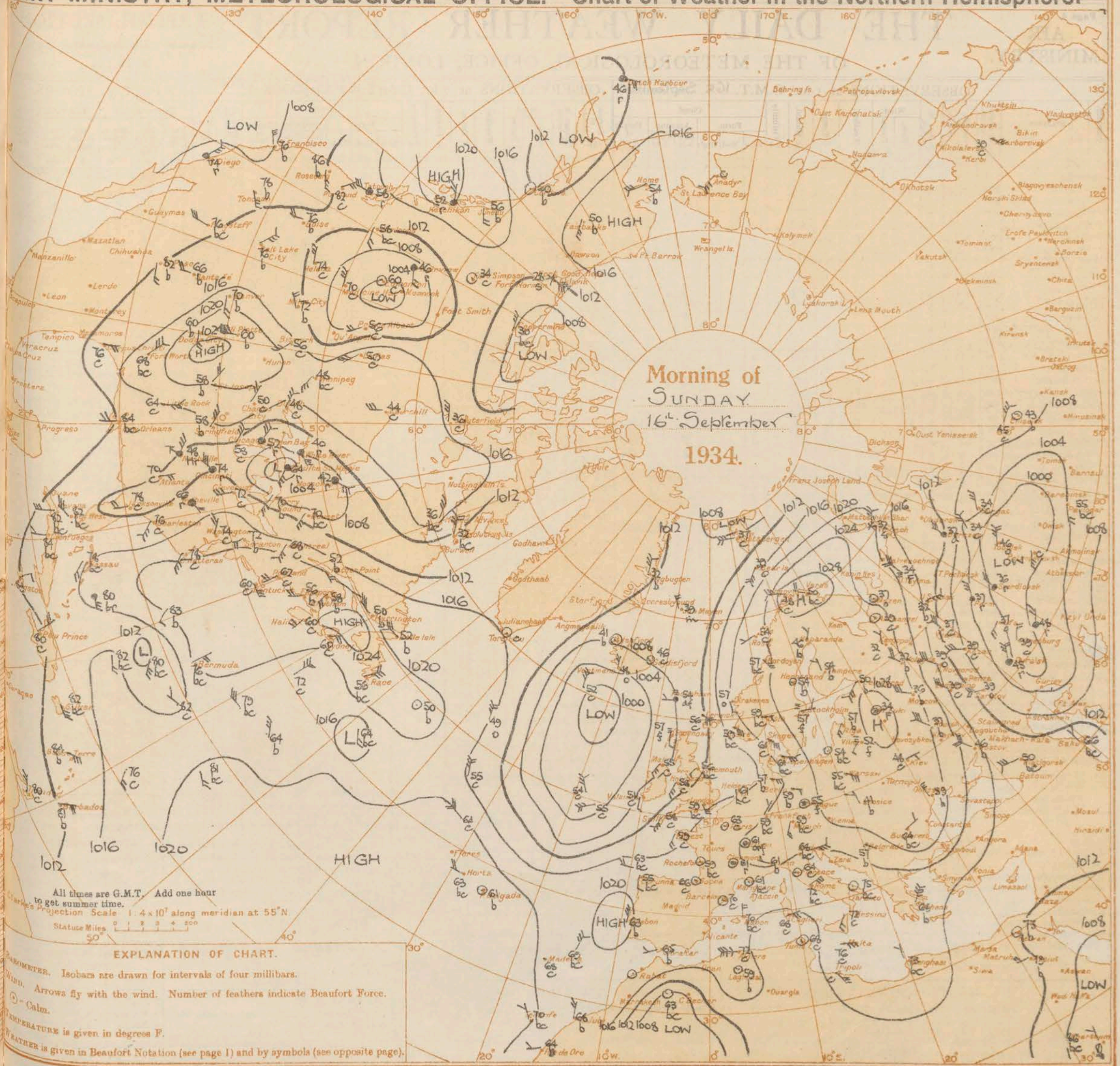
Unsettled in the Northwest; fair in the Southeast.

Forecasts issued at 1220 G.M.T.

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

H.M. Stationery Off. ... 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

Sunday 16th September 1934.

No 26,596

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

Dist.	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	10134	+4	S'W	2	C	60	95	6	-	3	-	0	7-8	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	10144	+2	SWW	3	3o	60	95	6	5	-	-	2-3	2-3	1500
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1012.1	-6	SW	2	bc	63	95	6	-	2	-	0	4-6	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill....	32	1013.5	-4	W	4	c	61	95	7	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	10129	0	WSW	4	bc	59	95	7	5	1	-	4-6	4-6	2500
	Scilly(St.Mary's)	163	1012.7	+4	W	5	bc j p	58	95	7	3	8	-	2-3	4-6	2500
	Guernsey ...	175	1014.8	+2	SSW	2	b	60	95	5	-	-	-	0	0	-
6	Pembroke ...	142	10087	-6	SSW	3	c	61	95	7	5	-	-	10	10	4000
7	Holyhead ...	26	10095	-6	S'W	3	c	59	85	6	5	-	-	9+	9+	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1011.3	0	SSW	3	bc	62	95	7	3	1	-	2-3	4-6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	10096	-8	SSW	1	c	57	95	6	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	10097	-10	NW	1	F	56	95	6	5	-	-	10	10	220
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	10088	+6	SSW	2	C	57	95	6	8	2	-	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	10097	-8	SSE	5	f	55	95	3	5	-	-	10	10	4150
16	Lerwick ...	54	1012.5	-13	SSE	5	C	56	95	7	5	-	-	7-8	7-8	1500
17	Blacksod Point	18	10071	-2	W	3	c/tlr	55	95	7	4	-	-	10	10	800
18	Malin Head ...	52	10063	-2	-	0	C	57	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	10094	0	SW	1	RR	56	95	7	9	-	-	10	10	1500
	Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dist.	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)
1	London (Kew)...	1016.0	+20	SSW	2	b	60	95	6	-	3	-	0	Tr	-	0	*
	Croydon ...	1015.6	+12	SSE	3	bc	59	95	6	5	3	-	2-3	4-6	1500	1	*
	S. Farnborough	1015.6	+14	S	1	C	58	95	6	8	-	-	9+	9+	2500	1	*
	Boscombe Down	1014.8	+10	S'W	3	b	58	95	5	5	3	-	1	1	800	1	*
	Calshot,(S'thmtn)	1015.6	+10	SW's	4	c	62	85	6	8	-	1	7-8	7-8	1500	0	2
	Lympne ...	1016.9	+18	WSW	2	c	57	95	5	5	3	-	7-8	9	800	*	§2
	Manston ...	1015.9	+18	SSW	2	bc	57	95	5	5	3	-	2-3	4-6	4000	0	*
2	Shoeburyness	1016.2	+20	SW	3	bc	60	95	6	5	6	-	4-6	4-6	2500	1	*
	Felixstowe ...	1015.6	+22	WSW	3	b	60	95	5	-	3	-	0	1	-	1	1
	Gorleston ...	1014.1	+14	SW	2	c	60	95	6	-	7	-	0	7-8	-	0	2
	Cranwell ...	1013.9	+16	SSW	2	bc	56	95	6	7	-	-	4-6	4-6	4000	1	*
3	Birmingham ...	1013.7	+6	S	3	c	56	95	5	5	-	-	9+	9+	800	1	*
	Upper Heyford	1014.8	+16	SW	1	o	57	95	5	5	-	-	10	10	800	1	*
4	Ross-on-Wye ...	1013.2	+4	SW	2	bc	58	95	6	1	-	1	2-3	4-6	4000	0	*
5	Portland Bill....	1016.4	+8	WSW	5	bc	61	85	7	4	-	1	2-3	4-6	2500	0	4
	Plymouth ...	1015.0	+16	SW	4	c	59	95	8	8	-	6	7-8	9	1500	0	2
	The Lizard ...	1014.8	+8	SW	4	bc	57	85	8	8	7	-	4-6	4-6	2500	0	2
	Scilly(St.Mary's)	1014.4	+6	SW	4	c	58	85	8	8	6	3	2-3	9	2500	0	2
	Guernsey ...	1013.1	+14	-	0	bc	58	95	6	8	7	-	4-6	4-6	2500	0	1
6	Pembroke ...	1011.9	+12	WSW	3	c	58	75	7	7	7	-	4-6	7-8	4000	1	2
7	Holyhead ...	1010.0	+10	SW's	3	c	58	95	7	5	-	-	7-8	7-8	1500	1	2
	Chester (Sealand)	1011.9	+4	SE	3	bc	53	95	6	5	-	9	2-3	4-6	4000	1	*
8	L'pool (Bidston)	1011.4	0	SE'E	3	bc	55	95	6	5	-	6	2-3	2-3	4000	1	*
	Manchester	1012.2	+16	S'E	2	b	55	95	6	5	4	-	Tr	1	4000	1	*
9	Harrogate ...	1012.1	+6	SSW	1	b	54	95	5	-	-	-	0	0	-	1	*
10	Spurn Head ...	1013.1	+6	WSW	3	bc	59	95	7	4	7	1	4-6	4-6	4000	1	2
	Catterick ...	1011.4	+10	S	1	b	54	95	6	-	-	-	0	0	-	1	*
	Tynemouth ...	1011.4	+8	WSW	1	bc	56	95	5	5	-	1	2-3	4-6	1500	1	1
11	Inchkeith ...	1009.7	-6	SW	1	c	56	95	6	5	-	-	9+	9+	1500	1	1
	Leuchars ...	1008.8	+2	-	0	f	56	95	2	5	-	-	8+	9+	4000	1	*
12	Renfrew (Abbotsl)	1008.0	0	S	2	c	57	95	6	6	6	-	9	9+	800	1	*
	Eskdalemuir ...	1009.7	+4	S	3	c	55	95	6	5	-	-	9+	9+	450	1	*
13A	Tiree	1006.2	-2	WSW	1	c/r	56	95	6	6	2	-	9+	10	800	1	1
13B	Stornoway ...	1006.2	-2	S	1	f	57	95	2	5	-	-	10	10	<150	1	1
15	Dalwhinnie ...	1008.2	-6	S	2	c	57	85	7	3	4	-	2-6	9	800	1	*
	Aberdeen ...	1008.7	-2	SE'E	1	f	56	95	2	5	-	-	10	10	<150	1	2
	Wick	1007.8	-2	SSE	3	f	56	95	3	5	-	-	10	10	<150	1	3
16	Lerwick ...	1011.1	-8	SE	5	c	56	95	6	5	3	-	9	10	450	0	*
17	Blacksod Point	1007.6	+4	-	0	bc	53	85	8	-	7	-	0	4-6	-	0	2
18	Malin Head ...	1006.7	+6	SW	3	c	55	95	7	4	-	-	10	10	1500	2	0
	Aldergrove ...	1008.7	+4	S'W	2	c/o	52	95	8	5	2	-	9	10	2500	1	*
	Donaghadee ...	1008.7	+6	W	1	r/o	54	95	7	6	-	-	10	10	800	1	1
19	Birr Castle ...	1009.5	+6	SSW	1	c	51	95	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy.†	1008.9	0	S	1	c	51	95	8	5	3	3	7-8	9	1500	1	2
	Roches Point ...	1010.9	+8	W	2	bc	54	95	8	3	-	-	4-6	4-6	2500	1	2

PAST 24 HOURS.

Dist.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temp. Min. Night 18h-7h °F. (32)	Temp. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 15th Hrs. (36)
1	London (Kew)...	81	59	53	-	0.5	7.1
	Croydon ...	80	57	54	5	Tr	8.0
	S. Farnborough	79	55	43	Tr	Tr	6.0
	Boscombe Down	77	53	50	0.1	-	8.1
	Calshot,(S'thmtn)	74	58	53	0.2	-	8.4
	Lympne ...	73	54	47	-	Tr	10.1
	Manston ...	78	54	51	-	Tr	10.7
2	Shoeburyness	75	59	56	Tr	2	10.4
	Felixstowe ...	70	60	58	-	0.5	8.4
	Gorleston ...	70	60	60	-	-	8.6
	Cranwell ...	80	53	49	Tr	0.5	7.7
3	Birmingham ...	78	51	49	0.8	1	6.6
	Upper Heyford	80	54	47	17	0.5	*
4	Ross-on-Wye ...	77	52	44	Tr	-	4.8
5	Portland Bill....	70	60	*	-	-	*
	Plymouth ...	66	58	54	0.1	Tr	1.1
	The Lizard ...	65	57	*	-	-	*
	Scilly(St.Mary's)	65	56	*	-	Tr	2.4
	Guernsey ...	66	58	54	-	-	2.6
6	Pembroke ...	69	57	*	-	0.3	1.1
7	Holyhead ...	73	57	55	1	3	5.6
	Chester (Sealand)	74	48	41	Tr	0.2	6.0
8	L'pool (Bidston)	71	54	52	3	3	5.1
	Manchester	77	52	43	Tr	5	6.3
9	Harrogate ...	74	53	48	-	8	5.2
10	Spurn Head ...	66	57	*	-	1	9.4
	Catterick ...	73	50	47	1	1	6.0
	Tynemouth ...	60	55	51	-	0.3	*
11	Inchkeith ...	61	55	50	-	Tr	3.9
	Leuchars ...	60	55	55	0.1	0.3	0.0
12	Renfrew (Abbotsl)	67	56	52	-	5	5.8
	Eskdalemuir ...	71	55	54	Tr	6	7.9
13A	Tiree	62	55	54	9	14	0.0
13B	Stornoway ...	68	(55) 56	-	-	3	7.4
15	Dalwhinnie ...	64	54	51	-	4	5.7
	Aberdeen ...	58	55	54	0.3	4	0.0
	Wick	57	55	*	0.2	2	*
16	Lerwick ...	58	55	*	-	-	0.0
17	Blacksod Point	61	52	*	-	Tr	*
18	Malin Head ...	65	52	*	26	7	0.1
	Aldergrove ...	68	51	49	2	4	0.4
	Donaghadee ...	63	54	*	5	5	*
19	Birr Castle ...	63	50	46	7	7	0.2
20	Valentia Obsy.†	62	49	44	Tr	2	0.6
	Roches Point ...	61	53	*	Tr	1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	bcy bcy	bc y bc	c r/b c m b	81	59	53	-	0.5	7.1	*	*	7
CROYDON	217	b m m bc	t/r b c y c	o b c b m o w	80	57	54	5	Tr	8.0	*	*	7
GREENWICH (Royal Observatory) ...	149	bc	c t r b c	c r b c	82	57	51	-	Tr	5.6	71	75	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	4.7	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	79	60	56	7		4.9	75	78	*
REGENTS PK. (Botanic Gardens) ...	168	*	*	*	80	59	56	24	3	5.4	85	69	*
CAMDEN SQUARE	110	bc	c o r t b c	*	81	59	56	31	4	*	*	*	*
KENSINGTON	80	b c t/r	b c	*	79	59	53	1	1	4.8	At 18h. 67	79	*
HAMPSTEAD OBSERVATORY	450	b c o r	f t h	*	78	55	53	18	1	6.3	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 16th

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
Defective Record			

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.6	8h 15m	0.2	12h-15h 15m

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	1013.0	SSW	3	pr	77	1018.3	-	0	o	63	82	61	Tr	Tr
BRUSSELS	1013.0	SE	3	c	72	1016.8	SSW	3	o	61	?	59	?	-
BERLIN						1020.3	ESE	1	o	59		54		-
ZURICH	1017.9	NNW	1	bc	66						77		-	
ROME	1016.3	-	0	bc	70	1017.7	ENE	3	bc	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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 17th September 1934.

No. 26,597.

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

District	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)	°F. Temp. (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)
1	London (Kew)	1016.6	0	SW	4	bc	71	55	8	1	–	1	2-3	2-3	4000
	Croydon	1016.9	+4	S'W	4	bc	69	45	8	1	–	5	1	2-3	4000
	S. Farnborough	1016.6	+2	SW	4	bc	70	55	8	1	–	8	2-3	4-6	4000
	Boscombe Down	1016.0	+2	SSW	4	c	66	55	8	5	–	8	4-6	7-8	2500
	Calshot, S'thmtn	1017.5	+6	SSW	4	bc	67	65	8	7	–	1	4-6	4-6	2500
	Lympne	1018.2	+10	S'W	4	bc	70	55	8	7	–	1	1	2-3	2500
	Manston	1017.3	+4	SW	4	bc	70	65	7	2	–	1	4-6	4-6	4000
2	Shoeburyness	1017.0	+4	SSW	4	bc	70	65	8	7	–	1	2-3	2-3	4000
	Felixstowe	1016.7	+2	S	4	bc	69	75	7	7	–	1	4-6	4-6	4000
	Gorleston	1016.1	+6	S'W	3	bc	69	65	6	2	–	–	4-6	4-6	4000
	Cranwell	1014.7	0	SW	3	c	69	65	8	8	–	–	7-8	7-8	2500
3	Birmingham	1014.9	+4	SW	4	bc	67	65	8	8	–	1	4-6	4-6	2500
	Upper Heyford	1015.6	0	SW	3	bc	69	55	8	7	7	–	4-6	4-6	2500
4	Ross-on-Wye	1015.0	+10	WSW	4	bc	66	55	8	1	–	6	2-3	4-6	4000
5	Portland Bill	1016.4	+4	SW	5	c	63	85	7	4	–	1	4-6	7-8	2500
	Plymouth	1016.0	+2	S	4	c	65	85	8	8	8	3	2-3	9	2500
	The Lizard	1015.2	+2	S	5	bc	64	75	8	8	6	9	2-3	4-6	2500
	Scilly (St. Mary's)	1013.5	-4	S'W	5	c	64	75	7	5	6	–	4-6	7-8	4000
	Guernsey	1017.7	-2	SSW	2	c	63	85	7	8	–	–	10	10	2500
6	Pembroke	1013.6	0	SSW	4	c	62	75	7	5	8	–	7-8	9	4000
7	Holyhead	1012.3	+2	S'W	4	c	63	75	8	8	–	2	4-6	7-8	4000
	Chester (Sealand)	1013.6	+6	SW'S	4	c	69	45	8	2	–	3	4-6	7-8	4000
8	L'pool (Bidston)	1013.6	+6	SW	4	bc	66	55	9	1	–	6	1	4-6	4000
	Manchester	1013.3	+4	WSW	4	3o	68	65	8	2	3	2	4-6	7-8	5700
9	Harrogate	1013.1	+6	SW	2	c	66	65	7	9	–	–	9	9	2500
10	Spurn Head	1014.4	+6	W'N	4	bc	71	65	7	7	7	–	2-3	4-6	2500
	Catterick	1012.5	+6	WSW	3	bc	66	65	8	8	6	1	4-6	4-6	2500
	Tynemouth	1011.5	+4	WSW	3	c	67	75	6	9	–	–	7-8	7-8	1500
11	Inchkeith	1010.4	+16	SW	3	c	62	85	8	8	6	–	4-6	7-8	2500
	Leuchars	1009.9	+4	SSW	3	c/pr	64	75	8	9	–	3	4-6	7-8	4000
12	Renfrew (Abbotsl)	1009.9	+10	S'W	3	bc	63	65	8	2	4	3	Tr	2-3	4000
	Eskdalemuir	1011.0	+8	SSW	5	c	61	75	7	8	–	–	7-8	7-8	1500
13A	Tiree	1008.7	+4	S'W	2	c	58	75	8	8	7	–	7-8	9+	1500
13B	Stornoway	1006.9	+14	WNW	1	pr	54	95	7	8	6	–	4-6	9+	1500
15	Dalwhinnie	×	+12	SW	3	bc	60	75	7	4	1	–	1	4-6	800
	Aberdeen	1009.5	+8	SSW	3	3o	66	65	6	1	3	–	1	1	1500
	Wick	1007.2	-6	SSW	3	f	58	95	3	5	–	–	10	10	<150
16	Lerwick	1009.7	-8	SE	5	c	57	95	6	5	2	–	7-8	10	450
17	Blacksod Point	1006.7	-10	S	3	c	57	75	8	–	7	–	0	9	–
18	Malin Head	1008.1	+2	S	3	c	61	85	8	8	–	–	9	9	1500
	Aldergrove	1009.7	0	SSW	3	c	61	75	9	8	–	6	7-8	9	2500
	Donaghadee	1010.4	+4	WSW	2	bc	63	65	8	8	–	–	4-6	4-6	1500
19	Birr Castle	1009.2	-4	SSW	1	c	60	65	8	8	–	–	9+	9+	2500
20	Valentia Obsy.	1005.2	-24	S'E	6	ir	57	85	8	6	2	–	4-6	10	2500
	Roches Point	1009.5	-12	SW	4	c	60	85	8	3	–	–	7-8	7-8	2500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)	1017.6	+6	SW'S	3	bc	65	65	8	1	1	3	Tr	4-6	4000	0	*
	Croydon	1017.4	+6	SSW	2	bc	63	65	8	1	4	2	Tr	4-6	4000	1	*
	S. Farnborough	1017.6	+10	SSW	3	bc	62	75	8	1	6	2	Tr	4-6	2500	0	*
	Boscombe Down	1016.5	+4	S'W	3	c	61	85	8	5	–	–	9+	9+	1500	0	*
	Calshot, S'thmtn	1017.3	-4	SSE	3	c	64	75	8	5	–	–	9	9	1500	0	2
	Lympne	1019.5	+6	SW	2	c	61	75	8	–	–	6	0	7-8	–	0	§0
	Manston	1018.4	+6	SW	4	c	63	75	7	–	–	8	0	7-8	–	0	*
2	Shoeburyness	1018.0	+6	SSW	3	c	64	85	8	–	1	8	0	7-8	–	0	*
	Felixstowe	1017.6	+10	SSW	4	bc	66	55	8	4	–	6	2-3	4-6	5700	0	2
	Gorleston	1016.3	+6	S'W	3	bc	69	65	7	–	–	4	0	4-6	–	0	2
	Cranwell	1015.6	+10	SSW	2	c	65	65	8	5	1	6	4-6	9	4000	0	*
3	Birmingham	1015.5	+4	SSW	2	bc	63	55	8	5	4	3	Tr	4-6	2500	1	*
	Upper Heyford	1016.4	+6	SW	4	bc	62	65	8	–	9	–	0	4-6	–	0	*
4	Ross-on-Wye	1015.0	-6	S	1	bc	62	75	8	8	9	9	2-3	4-6	4000	0	*
5	Portland Bill	1016.1	-4	SW	4	c	63	85	7	4	–	–	7-8	7-8	2500	0	3
	Plymouth	1015.1	-2	S	4	c	60	85	8	4	4	6	1	9	2500	0	3
	The Lizard	1013.9	-6	S'E	5	c	60	85	8	8	2	–	4-6	10	1500	0	3
	Scilly (St. Mary's)	1011.8	-10	S'W	5	c	61	85	7	5	7	–	7-8	10	2500	0	4
	Guernsey	1016.6	-8	SSW	2	c	63	85	7	8	–	–	7-8	7-8	2500	0	1
6	Pembroke	1011.2	-6	SSW	3	q	61	85	7	5	–	–	9+	9+	2500	0	3
7	Holyhead	1011.4	-8	S'E	4	c	61	75	8	5	3	–	7-8	9	4000	1	3
	Chester (Sealand)	1013.9	0	SSE	2	bc	64	65	8	4	4	3	2-3	4-6	2500	0	*
8	L'pool (Bidston)	1013.9	0	SSE	2	bc	63	65	8	4	–	–	4-6	4-6	4000	0	*
	Manchester	1014.1	+4	SSW	3	bc	64	65	8	–	9	–	0	4-6	–	0	*
9	Harrogate	1014.5	+6	SSW	2	bc	61	75	7	8	8	2	1	4-6	2500	1	*
10	Spurn Head	1015.0	+2	SW	1	c	65	75	7	4	7	1	4-6	7-8	4000	0	1
	Catterick	1014.0	+10	–	0	c	61	75	8	–	–	4	0	7-8	–	1	*
	Tynemouth	1013.2	+10	W	2	bc	63	65	7	2	–	–	2-3	2-3	2500	1	1
11	Inchkeith	1011.7	+12	W	1	c	61	75	8	2	9	–	2-3	9	4000	0	1
	Leuchars	1011.4	+10	SSW	2	c	61	75	8	8	–	3	4-6	9	2500	1	*
12	Renfrew (Abbotsl)	1010.7	+4	S	1	c/pr	59	75	8	4	–	6	2-3	9+	5700	0	*
	Eskdalemuir	1012.8	+6	S	2	c	55	85	8	5	–	6	7-8	9	1500	1	*
13A	Tiree	1008.1	-12	SE'E	2	c	55	85	8	8	9	8	2-3	9	2500	1	2
13B	Stornoway	1008.2	+10	SSW	3	c	56	85	9	8	7	–	4-6	9	1500	1	1
15	Dalwhinnie	1009.6	+4	S	3	c	55	65	8	4	2	–	4-6	9	2500	0	
	Aberdeen	1011.6	+14	S	2	bc	60	85	6	–	–	4	0	4-6	–	1	3
	Wick	1009.2	+16	SW	2	bc	58	85	7	8	1	1	4-6	4-6	1500	1	3
16	Lerwick	1009.2	+10	S'W	5	F	55	95	1	5	–	–	10	10	<150	1	*
17	Blacksod Point	1000.0	-42	SE	4	RR	57	95	7	6	–	–	10	10	220	1	4
18	Malin Head	1005.1	-18	E'S	3	c	59	95	8	8	–	–	9+	9+	1500	1	*
	Aldergrove	1008.6	-10	SE	4	c	58	85	9	8	3	8	7-8	9+	2500	1	*
	Donaghadee	10094	-4	SW	3	c	59	85	8	5	–	–	7-8	7-8	1500	0	2
19	Birr Castle	1004.9	-28	S	3	c	61	75	8	–	9	–	0	9	–	1	*
20	Valentia Obsy.	1001.0	-10	S'E	5	o/r	57	95	7	6	–	–	10	10	1500	1	3
	Roches Point	1005.8	-18	SW	6	c	58	85	8	6	–	–	9	9	1500	0	4

PAST 24 HOURS.

Weather. 7h.–13h. 16th (37)	13h.–18h. 16th (38)	18h. 16th to 1h. 17th (39)	1h.–7h. 17th (40)
bz₀cy	bc	bcb	bbc3₀
bm₀cbc	bccyv	bcbcpr	bwbc
em₀cbcy	bcycybc	bccr₀cw	cbcc
bz₀cy	cyvcv	cvbc	bccbc
cm₀bc	bcc	pr₀bc	bcc
bcm₀yby	bbyc	bcwb	bwbcm₀
bcm₀bc	bc	bcpr₀	bcb
bcm₀	bc	bc,b	bc,bm₀
bz₀cbc	bcbvy	bcvyb	bbcb
cbczq	bcbq	bcb	bbccq
bcm₀c	c	cbm₀	bm₀cm
cbc	bc	bcb	bbc
cbcm₀	bccbcy	bcc	cbc
bccbc	bcy	bccbc	bcq
bc	c	bcb	bcc
cv	cbvc⊕	cbcc	c3Rm₀
bc	bcc	cb	bRr
c	c	bcc	orrcp
bc3c	cprc	cbcw	bcw3
eqc	cq	cbca	cqrrc
cbc	cidc₀	cbc	cir₀
m₀bcy	bcvy	bc	bc
p₀bcb	bccbc	bcc	c
bccm₀	bccbc	b	bc
bbcc	cbc	bcb	oc
bc	bc	bc	cbc
bm₀c	bc	bcb	bcm₀
bcm₀c	cbc	bcwc	bc
cprz₀	c	cbc	c
bcfcpr	bcc	cbbcw	cbcwm₀
cm₀pr₀bc	bccpr₀	ccpr₀	cwcm₀
ir₀c	cbcc	c	bcw
RRc	c	cir	irir
fcprtl	c	bcc	cpr
ir	c	c	c
cjmbcbz₀	bbcz₀	bcz₀	bcc3₀
ff	ffcbc	bc	bcc
cprm₀	coFFc	FFcbcb	bcjFFccm₀
bcc	cR	PRc	PRc
cv	cv	cv	crr
cbc	c	cro₀c	cjcRR
cr₀bc	bcc	cir₀	cir₀
c	c	coir	cpr
ir₀ir	RRo	ircrr	rrir₀
cpr₀c	c	cRc	circ

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s₀, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s₀/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r₀, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⁄ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; –, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

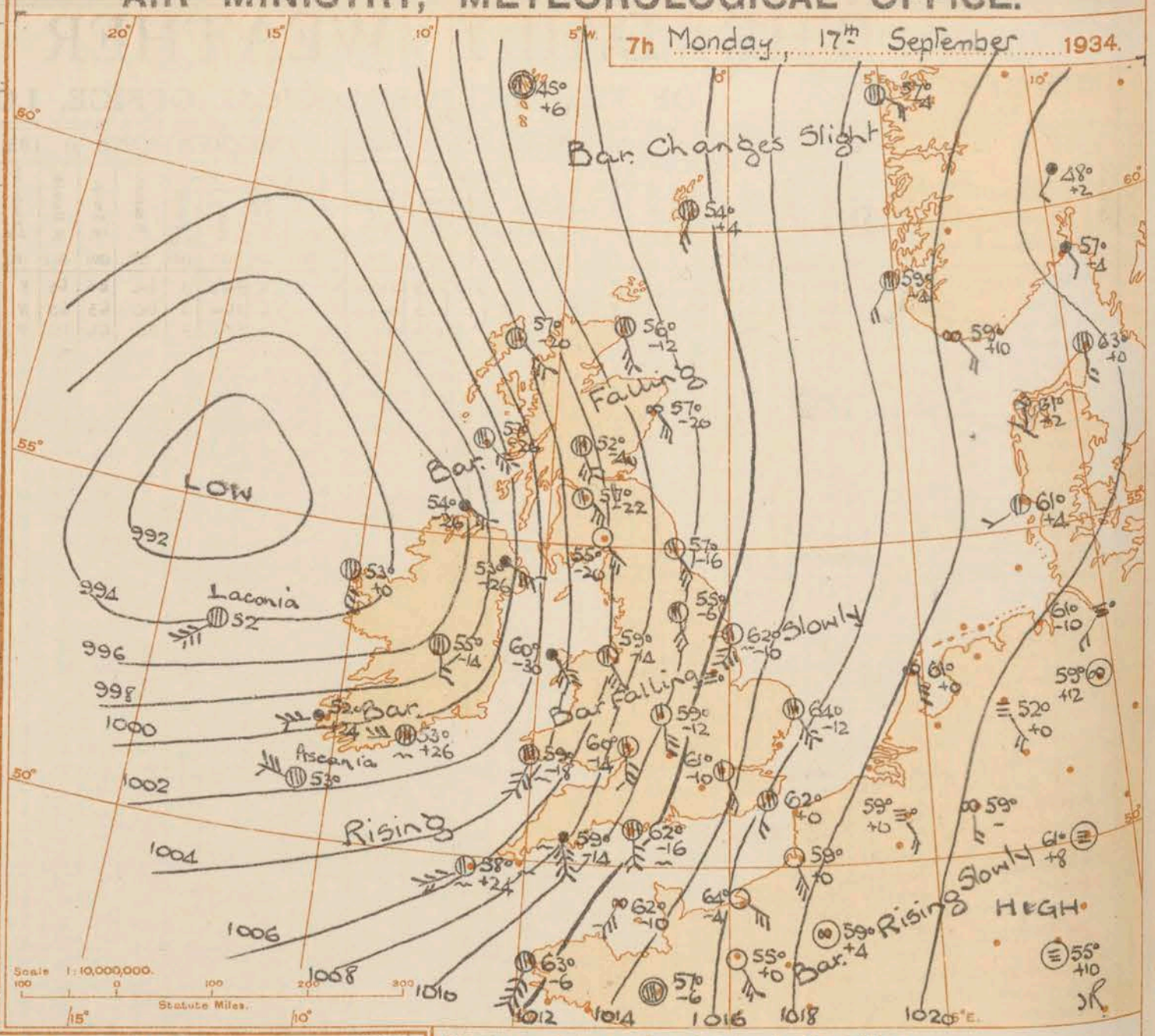
REPORTS from HEALTH RESORTS for 16th September 1934.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	bcb	bbc	55	70	–	–	7.3	9.0
	Bournemouth	b	bcc	57	67	–	–	6.8	6.5
	Ventnor ...	bcb	bbccv	51	72	–	–	8.9	7.3
	Southsea ...	b	bbc	59	69	0.4	–	7.8	7.5
	Bognor Regis	bcb	bbcb	60	68	Tr	–	8.1	6.1
	Littlehampton	bc	bc	59	67	–	–	7.6	6.5
	Worthing ...	bcb	bbc	60	67	–	–	7.5	7.4
	Brighton ...	bc	bc	60	68	–	–	7.0	7.1
	Eastbourne†	cbcb	bbc	60	68	–	–	7.1	8.3
	Hastings† ...	bcb	bbc	58	70	–	–	8.2	9.4
	Folkestone ...	bcb	bbc	59	69	–	–	7.9	10.1
	Dover	bccbc	bcc	59	69	–	–	8.0	10.7
	Deal	bccb	bbc	58	71	–	–	7.8	9.5
	Ramsgate ...	bc	bc	56	70	–	–	7.5	10.1
	Margate ...	bc	bc	57	73	–	–	8.9	10.9
2	Southend ...	bbc	bbc	59	76	1	–	8.8	10.4
	Maldon ...	b	bbc	56	76	–	–	8.4	6.9
	Clacton-on-Sea	cbc	bc	59	71	1	–	8.5	10.0
	Dovercourt ...	bc	bc	59	72	0.5	–	8.6	8.0
	Lowestoft ...	bbc	b	60	73	2	–	8.5	8.9
	Skegness ...	obcb	bbc	56	71	Tr	–	9.0	8.4
	Mablethorpe	bbc	bc	56	71	0.3	–	7.0	8.8
	Cleethorpes ...	mb	bc	56	72	1	–	8.6	9.6
3	Leamington S.	bc	c	54	71	–	–	6.4	7.6
4	Cheltenham†	bc	bcc	54	66	–	–	5.7	6.2
5	Bath	b	bbcc	56	68	–	–	6.4	4.5
	Weymouth ...	cb	bc	60	67	–	–	5.6	6.4
	Jersey ...	bc	bc	60	71	–	–	7.0	0.5
	Torquay ...	bc	bc	58	66	–	–	6.2	0.9
	Penzance ...	bcb	bbc	55	66	–	–	5.4	3.7
	St. Ives ...	c	c	54	65	–	–	6.3	3.3
	Bude	mcbc	bc	57	66	–	–	6.1	1.0
	Ilfracombe ...	bbcc	cbc	59	67	–	–	6.2	1.3
6	Aberystwyth	prcbc	cbc	56	65	2	–	2.1	4.7
7	Llandudno ...	bc	bcc	57	68	2	–	5.6	4.9
	Colwyn Bay...	cbc	bcc	56	67	–	–	6.3	5.7
	Rhyl	bc	bcc	54	67	1	–	3.8	4.2
8	Wallasey ...	cbc	bcc	55	69	5	–	5.1	5.2
	Southport‖ ...	bccb	bcc	53	68	2	–	4.7	4.5
	Blackpool ...	opc	cbc	54	66	1	Tr	5.3	5.2
	Morecambe ...	cbcdc	cbbcc	55	66	5	Tr	6.2	4.0
9	Ilkley	b	b	52	67	5	–	6.4	6.1
10	Berwick-on-T.	bbc	cbc	55	67	2	–	6.6	0.5
11	Dunbar ...	cr.	bc	56	70	0.3	–	7.1	5.9
12	Troon	rocb	bbcc	57	62	8	–	4.7	4.0
	Douglas ...	omcb	cbc	56	61	2	–	3.6	6.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 17th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th Sept. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh south wind, veering southwest; a short period of rain, becoming fair again apart from local showers; warm at first, cooler later.
5. S.W. England. 6. South Wales 7. North Wales	▼ ▼ Moderate or fresh west or southwest wind; showers and bright intervals; average temperature.
8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. {A. W Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Fresh or strong southeast wind, veering south or southwest, moderating somewhat; rain at first, bright intervals and local showers later; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ 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. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE.~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression off Northwest Ireland is moving slowly north and a trough extending to Southwest England is moving northeast. Weather will be unsettled, especially in the North and West.

FURTHER OUTLOOK.

Showers, especially in the West and North, but bright intervals.

Time of issue of Gale Warning.

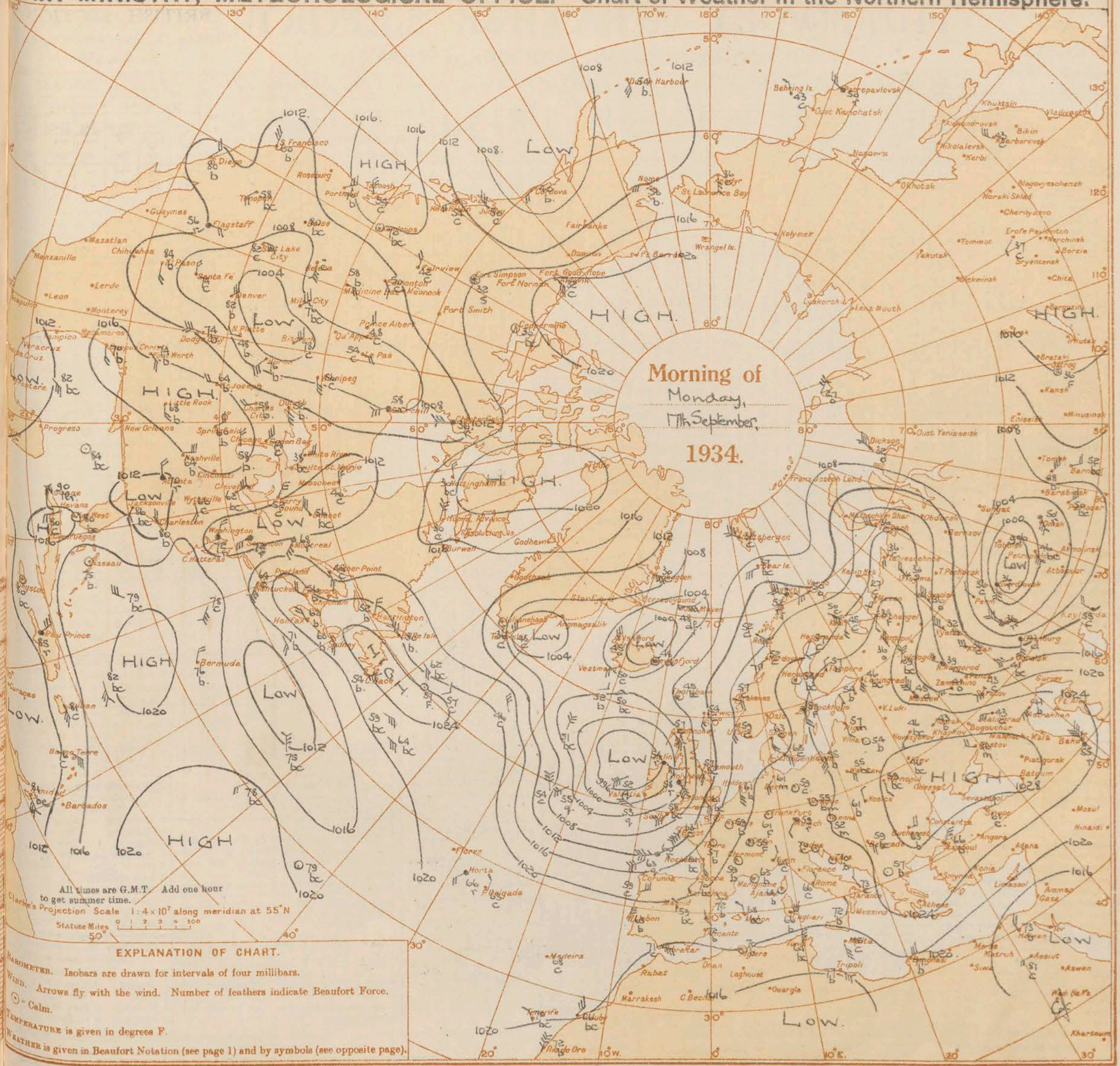
▼ South cone at 1545 on 16th in Dists, 5, 6 and 20; lowered at 0930 on 17th.

Forecasts issued at 1100 G.M.T.

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

H.M. Stationery Off. ... Press Kingsway W.C.2. Pa.250(2781) Wt.8018 D.6001 6c.808 22200. 9/34.

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


Morning of
Monday,
17th September,
1934.
HIGH
Low
HIGH.
Low
HIGH
Low
HIGH
Low
HIGH

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 17th September 1934.

No. 26,597

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

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	10168	-10	SSE	3	b	59	95	8	5	-	-	1	1	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	10182	-10	ESE	2	b	59	95	7	-	-	-	0	0	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	10178	0	SW	3	b	59	85	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	10130	-8	SSW	4	b	62	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	10097	-20	SE	6	b	59	95	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	10058	-30	S	6	c	60	85	7	5	-	-	9+	9+	2500
	Guernsey ...	175	10155	-20	SW	4	b	61	95	7	-	-	-	0	0	-
6	Pembroke ...	142	10069	-28	SSE	5	q	60	85	7	5	-	-	4-6	4-6	4000
7	Holyhead ...	26	10084	-18	SSE	5	bc	60	75	8	5	-	-	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	10155	+2	SW	4	bc	57	95	8	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	10127	-10	SW	1	bc	58	85	6	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	10117	-4	SW	2	c	56	85	8	5	-	-	9+	9+	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	10071	-14	SE	3	c	55	85	8	5	-	-	7-8	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	10106	-2	SW	2	bc	54	95	8	5	-	-	2-3	2-3	1500
16	Lerwick ...	54	10115	+2	-	0	b	52	95	7	5	-	-	1	1	1500
17	Blacksod Point	18	999.1	-28	S	3	c	55	95	7	3	-	-	10	10	800
18	Malin Head ...	52	10008	-24	SE	4	w	60	95	8	8	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	996.1	-26	S	2	RR	57	95	6	9	-	-	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	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)
1	London (Kew)...	1014.1	-2	S	3	c	62	85	6	5	-	-	7-8	7-8	5700	0	*
	Croydon ...	1014.8	-10	SE'S	3	bc	61	95	7	7	-	-	4-6	4-6	4000	1	*
	S. Farnborough	1013.5	0	SE'S	2	c	61	95	7	7	-	-	7-8	7-8	2500	1	*
	Boscombe Down	1011.8	-6	S	S	c	60	95	7	8	3	-	7-8	7-8	1500	0	*
	Calshot, (S'thmtn)	1013.7	-6	SSE	S	c	64	85	8	8	-	-	7-8	7-8	4000	0	3
	Lympne ...	1016.6	0	SSW	2	c	62	95	6	8	-	-	7-8	7-8	4000	0	§2
	Manston ...	1016.0	-2	SSE	4	b	62	95	7	2	-	-	1	1	2500	0	*
2	Shoeburyness	1015.5	0	S'W	1	bc	63	95	6	7	-	-	2-3	2-3	4000	0	*
	Felixstowe ...	1015.8	-4	S'W	4	bc	65	85	7	-	4	1	0	2-3	-	0	3
	Gorleston ...	1015.2	-4	SE'S	S	c	64	95	6	7	-	-	7-8	7-8	2500	0	3
	Cranwell ...	1012.9	-6	SE	3	m	56	95	4	5	-	-	4-6	4-6	1500	0	*
3	Birmingham ...	1010.0	-12	S	3	bc	59	85	8	5	3	1	Tr	2-3	2500	1	*
	Upper Heyford	1012.0	-10	S	3	bc	59	85	7	1	7	-	2-3	4-6	1500	0	*
4	Ross-on-Wye ...	1008.8	-14	S	4	bc	60	85	8	8	4	-	2-3	4-6	4000	0	*
5	Portland Bill...	1011.0	-16	S	S	c	62	85	7	4	-	-	7-8	7-8	2500	0	4
	Plymouth ...	1007.8	-14	S	8	RR	59	95	6	6	2	-	9	10	800	1	4
	The Lizard ...	1008.1	-20	SSW	6	rr	57	95	7	6	-	-	10	10	2500	1	4
	Scilly (St. Mary's)	1005.8	+24	WSW	S	bc	58	75	7	8	-	-	4-6	4-6	2500	1	4
	Guernsey ...	1013.4	-10	S'W	4	b	62	85	6	2	-	-	2-3	2-3	2500	0	3
6	Pembroke ...	1002.2	-18	SSW	6	q	59	95	6	6	-	-	9+	9+	2500	1	4
7	Holyhead ...	1001.4	-30	SSE	6	16	60	75	8	6	2	-	7-8	10	2500	1	3
	Chester (Sealand)	1007.0	-14	SE'S	4	c	59	75	8	5	7	-	2-3	7-8	2500	0	*
8	L'pool (Bidston)	1006.3	-12	SE'E	4	c	58	75	7	5	1	6	4-6	9	2500	0	*
	Manchester	1008.2	-14	SSE	4	c	59	75	7	5	7	6	Tr	7-8	2500	0	*
9	Harrogate ...	1010.3	-6	S	3	c	55	95	5	5	-	-	9+	9+	2500	1	*
10	Spurn Head ...	1012.4	-10	SSW	6	bc	62	95	7	3	7	-	2-3	4-6	4000	0	5
	Catterick ...	1009.7	-18	SSE	4	c	55	95	6	5	-	-	9+	9+	450	0	*
	Tynemouth ...	1009.3	-16	SSE	3	bc	57	85	6	9	-	-	4-6	4-6	1500	1	1
11	Inchkeith ...	1007.9	-10	SE	3	c	55	85	8	8	9	-	4-6	7-8	4000	0	1
	Leuchars ...	1007.3	-20	SE	3	c	56	85	6	5	7	8	1	9+	4000	1	*
12	Renfrew (Abbotsl)	1004.4	-22	SE'E	4	c	57	75	6	4	4	2	2-3	9	2500	1	*
	Eskdalemuir ...	1006.1	-20	SE'S	3	bc	55	85	7	5	7	-	2-3	4-6	800	1	*
13A	Tiree	999.4	-26	SE'E	6	c	57	85	7	8	7	8	7-8	9+	1500	1	3
13B	Stornoway ...	1003.3	-20	SE	4	c/pr	57	85	9	5	7	-	4-6	9+	2500	1	2
15	Dalwhinnie ...	1005.5	-40	SSE	5	c	52	65	8	4	1	3	4-6	9	2500	0	*
	Aberdeen ...	1009.0	-20	SE	3	3c	57	85	6	-	7	6	0	7-8	-	1	3
	Wick	1009.0	-12	S	4	c	56	85	8	5	1	8	7-8	9+	2500	1	3
16	Lerwick ...	1010.6	-4	S'W	2	c/f	54	95	6	5	-	-	9	9	450	0	*
17	Blacksod Point	994.5	0	S	3	c	53	85	8	-	7	-	0	9+	-	1	3
18	Malin Head ...	995.6	-26	ESE	4	rc	54	95	7	6	-	-	10	10	1500	1	1
	Aldergrove ...	998.5	-26	ESE	4	RR	53	95	6	6	-	-	10	10	1500	1	*
	Donaghadee ...	1000.4	-4	SSW	6	ir	58	75	7	6	6-	-	9+	9+	800	1	3
19	Birr Castle ...	996.1	-14	S	2	c/pr	55	85	8	6	-	-	9	9	2500	1	*
20	Valentia Obsy.†	1000.0	+24	WSW	4	ir	52	85	8	6	-	-	9	9	1500	1	3
	Roches Point...	1000.9	+26	W	3	c	53	95	8	3	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

District	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 16th Hrs. (36)
1	London (Kew)...	71	56	48	-	-	8.9
	Croydon ...	70	57	51	-	0.2	8.1
	S. Farnborough	72	56	49	-	0.2	8.0
	Boscombe Down	67	57	54	-	-	7.6
	Calshot, (S'thmtn)	69	62	59	-	1	8.0
	Lympne ...	70	56	47	-	Tr	8.1
	Manston ...	73	53	49	-	Tr	8.3
2	Shoeburyness	73	54	44	-	-	9.4
	Felixstowe ...	73	58	51	-	-	8.4
	Gorleston ...	73	57	54	-	-	8.8
	Cranwell ...	72	51	47	-	-	7.2
3	Birmingham ...	70	54	51	-	-	4.8
	Upper Heyford	69	56	47	-	-	*
4	Ross-on-Wye ...	68	57	53	-	-	~~6.3~~ 6.4
5	Portland Bill...	63	59	*	-	-	*
	Plymouth ...	65	59	56	-	4	7.3
	The Lizard ...	64	54	*	-	15	*
	Scilly (St. Mary's)	66	56	*	-	6	4.3
	Guernsey ...	67	60	57	0.1	-	5.4
6	Pembroke ...	62	56	*	-	4	3.3
7	Holyhead ...	63	59	56	0.1	0.2	4.0
	Chester (Sealand)	72	53	44	-	-	5.0
8	L'pool (Bidston)	66	56	54	Tr	-	5.3
	Manchester	70	54	47	-	-	6.1
9	Harrogate ...	67	51	46	-	-	6.5
10	Spurn Head ...	73	56	*	-	-	8.5
	Catterick ...	67	45	39	-	-	6.9
	Tynemouth ...	69	55	51	-	-	*
11	Inchkeith ...	65	53	40	0.1	-	4.2
	Leuchars ...	67	50	42	0.3	-	4.3
12	Renfrew (Abbotsl)	64	55	48	Tr	0.3	4.9
	Eskdalemuir ...	63	51	45	0.1	-	3.1
13A	Tiree	59	55	52	6	1	1.0
13B	Stornoway ...	58	52	*	9	0.6	2.0
15	Dalwhinnie ...	64	48	43	1	1	4.9
	Aberdeen ...	66	52	43	-	-	5.9
	Wick	64	51	*	0.5	-	*
16	Lerwick ...	57	50	*	2	-	0.0
17	Blacksod Point	58	52	*	3	13	*
18	Malin Head ...	61	54	*	-	5	2.4
	Aldergrove ...	62	53	52	Tr	11	5.8
	Donaghadee ...	64	57	*	0.2	5	*
19	Birr Castle ...	63	54	51	-	11	5.0
20	Valentia Obsy.†	59	50	48	19	15	0.0
	Roches Point...	61	52	*	Tr	8	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	bc,cy	bc	bc,bbc,c	71	56	48	-	-	8.9	*	*	7
Croydon	217	bm,cbc	bc,cy,v	bc,rb,wbc	70	57	51	-	0.2	8.1	*	*	7
Greenwich (Royal Observatory) ...	149	cby.	bbc,y	bw,p,c	75	54	48	-	Tr	8.8	45	71	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4.7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	72	60	54	Tr		7.9	52	76	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	72	59	52	-	-	8.2	53	79	*
Camden Square	110	cb	bc	*	73	58	51	-	-	*	*	75	*
Kensington	80	bc	bc	*	72	59	50	-	-	7.9	At 18h. 58	74	*
Hampstead Observatory	450	bc	b	b	71	58	45	-	-	8.1	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Defective		Record	

Kew Observatory.

Max.	Time.	Min.	Time.
<0.1	whole	period	

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.
Paris	1019.1	-	0	bc	70	1018.9	-	0	3	59
Brussels	1019.1	WNW	1	c	68	1019.2	SSE	3	bc	61
Berlin	1013.3	SE	2	bc	72	1021.2	-	0	3	59
Zurich						1023.5	WNW	1	3	59
Rome	1018.5	-	0	c	75	1021.0	NE	1	c	66

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
75	54	-	-
77	55	Tr	-
79	55	-	-
	57		0.1
*	*	-	-

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.

† Hr observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 18th September 1934.

No. 26598

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

Dist.	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)	°F. Temp. (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)
1	London (Kew)	1012.7	-8	SSW	5	c	71	55	8	8	–	6	7-8	9	2500
	Croydon	1013.2	-10	S	5	c	69	65	8	7	–	6	4-6	9	4000
	S. Farnborough	1012.1	-6	SSW	5	c	70	65	7	8	–	2	7-8	9	2500
	Boscombe Down	1012.2	+12	SW'S	6	rr	58	86	6	6	–	–	10	10	1500
	Calshot. S'thmtn	1013.2	-2	SW'W	4	c	65	65	8	8	7	–	9	9+	2500
	Lympne	1014.9	-14	S	4	bc	71	75	7	7	–	1	2-3	4-6	2500
	Manston	1014.5	-10	SSE	4	bc	74	65	7	8	3	1	2-3	4-6	2500
2	Shoeburyness	1013.7	-14	SSW	2	cjp	73	85	7	9	–	–	7-8	7-8	2500
	Felixstowe	1014.0	-14	S'E	4	bc/pr	69	75	7	8	–	8	2-3	4-6	4000
	Gorleston	1013.3	-12	SE'S	6	bc	71	75	6	4	–	8	2-3	4-6	2500
	Cranwell	1010.7	-6	SW	5	pr$_o$	60	85	8	6	8	–	7-8	9	1500
3	Birmingham	1010.1	+6	SSW	3	c r$_o$	57	85	6	6	2	–	4-6	10	1500
	Upper Heyford	1011.8	+18	SW	3	r$_o$ r$_o$	57	85	7	6	–	–	10	10	1500
4	Ross-on-Wye	1009.5	-4	SSW	3	c/r	59	85	7	6	7	–	2-3	9+	2500
5	Portland Bill	1012.4	+16	SW	6	c/pr	59	85	7	5	4	–	7-8	9	2500
	Plymouth	1010.5	+8	SW	5	b/pr	61	85	8	9	–	1	1	1	1500
	The Lizard	1011.2	+16	SW	5	bc	62	75	8	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	1010.2	+20	WSW	5	bc/pr	60	75	8	3	–	–	4-6	4-6	1500
	Guernsey	1013.9	+8	SW	1	c/r	58	95	7	8	–	–	10	10	1500
6	Pembroke	1006.2	+10	SW'W	4	c	57	85	7	9	6	–	4-6	7-8	2500
7	Holyhead	1004.8	+18	SSW	5	bc	61	65	8	2[3]	3	–	4-6	4-6	4000
	Chester (Sealand)	1007.4	+8	S	3	ir	56	85	6	6	2	–	2-3	9	2500
8	L'pool (Bidston)	1007.1	+6	S'W	4	ir	56	75	8	6	7	–	7-8	9+	2500
	Manchester	1007.7	+8	SSW	4	c	58	75	7	8	7	–	2-3	10	2500
9	Harrogate	1008.2	0	SSW	3	rr	55	85	6	6	–	–	10	10	2500
10	Spurn Head	1008.2	-12	SW	8	bcq	72	55	7	2	6	–	4-6	4-6	4000
	Catterick	1007.6	-4	SE	1	r$_o$ r$_o$	55	85	7	2	2	–	10	10	4000
	Tynemouth	1005.0	-6	S	4	ir$_o$	58	85	6	6	–	–	10	10	1500
11	Inchkeith	1003.8	-10	SE	3	rr	56	95	7	9	–	–	9+	9+	1500
	Leuchars	1004.9	-8	S	3	r$_o$ r$_o$	56	85	6	–	2	–	10	10	800
12	Renfrew (Abbotsl.)	1001.2	-10	S'W	5	c	60	65	8	3	6	3	4-6	9	2500
	Eskdalemuir	1004.2	-6	SSE	3	c/r	54	95	7	5	–	–	9+	9+	1500
13A	Tiree	996.4	-6	S	5	ir	56	85	7	8	–	–	7-8	7-8	1500
13B	Stornoway	997.7	-24	SE	4	c	59	75	7	5	2	–	7-8	10	1500
15	Dalwhinnie	1001.7	-8	S	5	RR	52	85	5	3	–	–	10	10	800
	Aberdeen	1004.6	-26	SSE	5	c y$_o$	60	85	6	5	7	–	2-3	9	800
	Wick	1003.8	-20	SE	5	c	57	95	7	8	1	–	7-8	9+	1500
16	Lerwick	1007.8	-20	SE	5	bc	59	85	6	5	7	–	4-6	4-6	1500
17	Blacksod Point	997.2	+14	W	5	cq	57	85	8	4	–	–	7-8	7-8	800
18	Malin Head	997.4	+20	SW'S	5	c	55	95	8	9	–	–	9	9	1500
	Aldergrove	1000.9	+18	SSW	5	cjp	58	75	9	8	3	3	4-6	7-8	1500
	Donaghadee	1001.4	+16	SW	4	bc	60	75	8	5	3	–	4-6	4-6	1500
19	Birr Castle	1003.1	+14	SW	4	bc	60	65	8	3	–	–	4-6	4-6	2500
20	Valentia Obsy.	1004.2	+14	SW	5	bc	57	65	8	2	–	–	2-3	2-3	2500
	Roches Point	1005.8	+14	SW	4	c/pr	58	75	8	3	–	–	7-8	7-8	2500

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

Dist.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)	1014.2	+10	SW'S	3	cjp	62	75	8	5	2	–	2-3	7-8	2500	0	*
	Croydon	1014.4	+12	SW'S	3	c	60	65	8	8	7	–	4-6	9	4000	1	.
	S. Farnborough	1014.1	+6	SSW	3	c	59	85	8	8	7	2	Tr	7-8	2500	1	.
	Boscombe Down	1013.5	+10	SSW	3	c	59	85	8	5	–	2	1	7-8	1500	1	.
	Calshot. S'thmtn	1014.2	+4	SW'S	4	c	61	75	7	9	6	2	4-6	9	1500	1	3
	Lympne	1014.9	+6	W'S	3	bc	65	85	7	7	4	4	1	4-6	5700	1	§2
	Manston	1014.1	+6	SW	3	bc	67	75	7	5	–	8	2-3	4-6	2500	1	*
2	Shoeburyness	1013.9	+6	W'S	3	c	66	85	7	9	2	4	2-3	7-8	800	0	*
	Felixstowe	1013.4	+2	SSW	3	bc	65	95	7	8	4	2	2-3	4-6	4000	1	3
	Gorleston	1013.0	-2	SSE	3	c	65	85	6	8	–	–	7-8	7-8	2500	1	3
	Cranwell	1011.9	+6	S'W	4	bc	58	85	8	8	–	3	1	2-3	4000	1	*
3	Birmingham	1011.7	+12	SSW	2	bc	56	85	8	8	–	1	2-3	2-3	1500	1	*
	Upper Heyford	1012.9	+8	SSW	3	bc	58	85	8	8	–	4	1	4-6	2500	1	*
4	Ross-on-Wye	1011.8	+14	SW'W	4	bc	58	65	8	2	–	2	1	2-3	4000	1	*
5	Portland Bill	1013.0	+10	SW	5	c	60	85	7	5	4	1	7-8	9	2500	1	4
	Plymouth	1013.4	+18	SW	4	bc	60	85	8	3	3	2	Tr	4-6	4000	1	3
	The Lizard	1014.0	+20	SW	3	bc	58	85	8	8	7	–	2-3	4-6	2500	1	3
	Scilly (St. Mary's)	1013.2	+14	SW'W	4	bc	58	75	8	2	–	–	4-6	4-6	2500	1	4
	Guernsey	1015.6	+16	W'S	3	c	60	75	7	8	–	1	4-6	7-8	1500	1	3
6	Pembroke	1010.3	+28	WSW	5	bcq	57	65	7	8	6	–	4-6	4-6	4000	1	3
7	Holyhead	1008.1	+24	SW'S	5	bc	57	65	8	1	8	–	2-3	2-3	1500	1	3
	Chester (Sealand)	1010.0	+24	SW'S	4	bc	60	55	6	4	4	–	4-6	4-6	4000	1	*
8	L'pool (Bidston)	1009.4	+6	WSW	6	bc	58	65	8	8	–	–	4-6	4-6	4000	1	*
	Manchester	1009.6	+18	WSW	4	bc	59	55	8	8	–	–	2-3	2-3	2500	1	*
9	Harrogate	1009.8	+6	SW	1	bc	55	85	7	3	–	–	2-3	2-3	2500	1	*
10	Spurn Head	1011.1	+2	WSW	6	bc	61	85	8	5	7	1	2-3	4-6	4000	0	5
	Catterick	1008.4	+8	S	4	bc	56	65	8	2	–	–	2-3	2-3	1500	1	*
	Tynemouth	1007.8	+12	S	3	c	57	85	6	9	–	–	7-8	7-8	1500	1	2
11	Inchkeith	1004.7	+6	SW	3	c	57	85	8	8	6	2	4-6	9	4000	1	2
	Leuchars	1004.6	+8	SSW	3	c	55	75	7	7	6	8	4-6	7-8	1500	1	*
12	Renfrew (Abbotsl.)	1004.0	+20	SW'S	3	bc	56	75	8	8	2	3	2-3	4-6	4000	1	*
	Eskdalemuir	1005.9	+20	SSW	4	c	53	85	7	8	–	2	4-6	7-8	1500	1	*
13A	Tiree	999.7	+18	S'E	5	c	56	75	9	8	6	8	7-8	9+	1500	1	4
13B	Stornoway	998.0	+6	SSW	5	c	55	75	8	8	7	1	4-6	7-8	1500	1	3
15	Dalwhinnie	1002.8	+20	S	5	cR	49	85	7	4	4	–	7-8	10	800	1	*
	Aberdeen	1004.5	0	SSE	4	bc	55	85	7	5	8	–	2-3	4-6	220	1	3
	Wick	1001.2	-10	SE	5	c	55	85	7	8	1	–	7-8	9	1500	1	3
16	Lerwick	1003.9	-20	SSE	6	c	57	95	6	5	7	1	7-8	9	450	0	*
17	Blacksod Point	999.8	+8	S'E	6	cq	56	85	7	3	–	–	7-8	7-8	800	1	4
18	Malin Head	999.8	+12	S'W	4	c	56	95	8	4	4	2	4-6	7-8	1500	1	1
	Aldergrove	1004.1	+20	S'W	4	b	56	65	9	8	–	3	1	1	2500	1	*
	Donaghadee	1004.5	+20	SW	2	bc	57	75	8	8	–	–	4-6	4-6	1500	1	1
19	Birr Castle	1005.0	+18	SW	3	pr	55	75	8	3	–	–	4-6	4-6	2500	1	*
20	Valentia Obsy.	1005.9	+10	S'W	5	bc	57	75	8	3	–	1	4-6	4-6	2500	1	4
	Roches Point	1008.8	+10	SW	3	bc	58	75	8	3	–	–	4-6	4-6	2500	1	4

PAST 24 HOURS.

Dist.	Stations.	Weather. 7h.–13h. 17th (37)	Weather. 13h.–18h. 17th (38)	Weather. 18h. 17th to 1h. 18th (39)	Weather. 1h.–7h. 18th (40)
1	London (Kew)	bc z o c	c i p$_o$ c j p	cb	bb c c w m$_o$
	Croydon	c bc	c p$_o$ r c	c p r$_o$ b c b	b m b c c w
	S. Farnborough	c b c c	c P$_o$ l$_o$ c	c b c w c w	c w c m$_o$
	Boscombe Down	c p o r r	o r r c	c b w	b c w m$_o$
	Calshot. S'thmtn	c b c c	c q p r c	c b c b w	b w c
	Lympne	c b c m$_o$ b	T L r b c	b c c	b w v c j p
	Manston	b b c	b c c t l P R b$_o$	c b	b w c
2	Shoeburyness	b b c c	c p r t b c	b c	b c c m$_o$
	Felixstowe	b b c p r$_o$ b c	b c c R t l r c	b c c	c
	Gorleston	c b c q	c t l R	c b c	c b c
	Cranwell	m b c c	c r$_o$ b	b c	b c b w c
3	Birmingham	b r r	c r P R	b b c	b c b
	Upper Heyford	b c c r r	c r r b c	b c c	c m$_o$ w
4	Ross-on-Wye	d z c o R i r$_o$	b c p c t R b c	b b c b	b w b c
5	Portland Bill	c p r	c	c b c	b c c
	Plymouth	R q p r b	b b c j p	b c p c c	b c c m$_o$ P R
	The Lizard	r r c b c	b c	b c p r$_o$	b c
	Scilly (St. Mary's)	b c c p q	b c	b c b	b b c
	Guernsey	b c o i d	o c b c c	c b c b	b w b c c
6	Pembroke	c q p r c	c b c q	b c	b c c q c
7	Holyhead	t l r k q	c p r b c	b c b	c p r$_o$
	Chester (Sealand)	c r R	r$_o$ b c v y	b c b w	b w m$_o$
8	L'pool (Bidston)	c p c r c	c p r h b c	b c q b w	w b b c b
	Manchester	c R r	c p r b y	b y w m$_o$	b w m$_o$
9	Harrogate	b c o R r	r r o b	b	b
10	Spurn Head	b c	b c q	b c	b c
	Catterick	c r r r$_o$	c p r$_o$ b c b	b b c	b b c m b c m w
	Tynemouth	b c o i r	o i r$_o$ c	c b c	b c m$_o$
11	Inchkeith	c r r	c p r	b	b
	Leuchars	o r o r o m	r$_o$ r$_o$ b c	b c b w	b w
12	Renfrew (Abbotsl.)	m$_o$ r$_o$ r$_o$ P R	c b c	b c b	b w
	Eskdalemuir	c r r s	p R h b c	p r b	c P R
13A	Tiree	c i r	i R b c	i R b c	i R c
13B	Stornoway	c	c P R	c p r c	c q
15	Dalwhinnie	i r	i r		i r
	Aberdeen	c y$_o$	c r r y$_o$	b c b w	b w
	Wick	c	c i r$_o$	c p r o	b c
16	Lerwick	c b c m$_o$	b c c m$_o$	c i r b c	b c
17	Blacksod Point	c b c q	P q	P R c q	P R q
18	Malin Head	c i r$_o$	c p r b c	b c	b c c v
	Aldergrove	o R e p r c	c P R h$_o$ q$_o$ b	b c c	c b c b
	Donaghadee	i r$_o$ b c	b c p r b c	b c	b c w
19	Birr Castle	c p r b c	b c p r	p r b c	b c c
20	Valentia Obsy.	p r$_o$ b c	p r$_o$ b c	p r t$_o$ r	p r o$_o$
	Roches Point	c p r$_o$ c	c p$_o$ b c	b c	b c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense: suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. ˢᵍ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

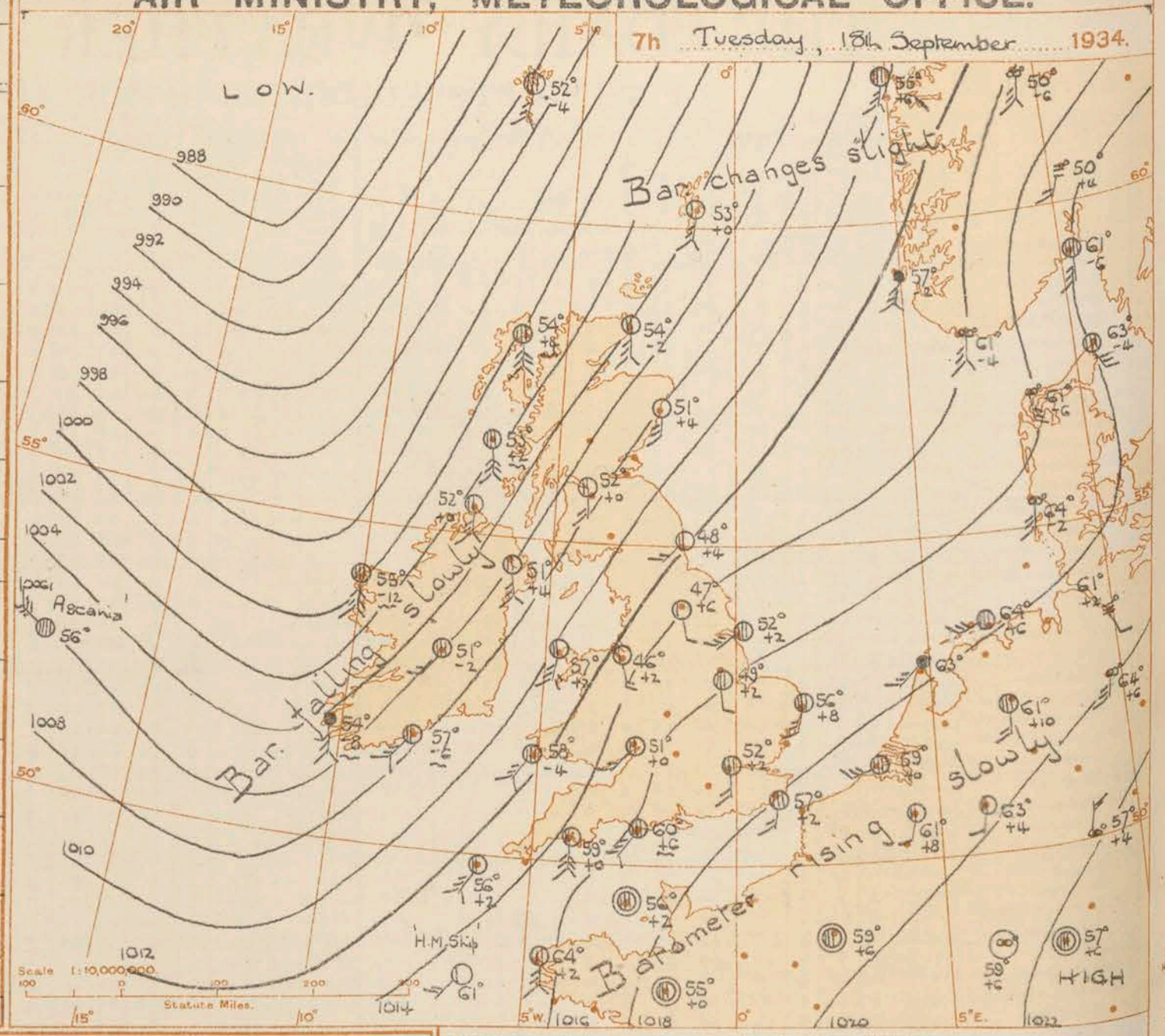
REPORTS from HEALTH RESORTS for 17th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	bccop	cbc	53	72	1	Trace	6·6	7·5
	Bournemouth	bber	ooc	61	68	–	–	4·2	6·8
	Ventnor ...	orebc	borcp	61	72	1	0·3	5·4	8·9
	Southsea ...	b	bcopc	63	71	1	Trace	4·0	7·8
	Bognor Regis	bcbcc	bcirc	62	68	Trace	Trace	3·2	8·5
	Littlehampton	c	c	62	70	–	–	2·5	8·1
	Worthing ...	bcc	cbcc	62	70	Trace	–	3·0	8·0
	Brighton ...	bc	bc	61	69	–	–	3·1	7·0
	Eastbourne†	bcco	orcclbc	62	71	–	Trace	5·9	7·1
	Hastings† ...	bcbbc	bccrbc	60	70	–	1	6·3	8·2
	Folkestone ...	bc	berbc	58	72	0·1	5	7·3	8·0
	Dover... ...	cbc	cHpbc	61	73	–	1	7·9	8·1
	Deal	b	bcpbc	58	75	–	Trace	7·5	7·9
	Ramsgate ...	bc	cpibc	61	71	–	1	7·7	7·9
	Margate ...	bc	bcctr	58	75	Trace	5	8·0	9·0
2	Southend ...	bc	cpbc	59	75	Trace	1	6·2	8·8
	Maldon ...	pb	cpobc	53	74	0·3	Trace	6·1	8·5
	Clacton-on-Sea	bcbbc	ctPbc	62	70	–	11	6·8	8·5
	Dovercourt ...	bcw	berbc	61	71	–	10	6·9	8·6
	Lowestoft ...	bbc	cgRc	56	71	Trace	9	6·4	8·5
	Skegness ...	bbc	bcoro	57	74	–	0·4	7·3	9·0
	Mablethorpe	bcb	bccp	52	74	–	Trace	6·8	7·0
	Cleethorpes...	bc	copc	51	74	–	Trace	6·0	8·6
3	Leamington S.	bccr	rcbc	53	68	–	5	3·5	6·6
4	Cheltenham†	corcr	orcir	56	65	Trace	6	3·9	5·7
5	Bath	cR	rcbc	59	66	Trace	7	3·1	6·4
	Weymouth ...	bc	rcb	61	68	–	1	4·5	5·6
	Jersey ...	bbcc	crc	62	69	–	4	5·0	7·5
	Torquay ...	orp	cpbc	58	65	3	1	4·5	6·2
	Penzance ...	rcbb	b	56	64	9	–	7·6	5·4
	St. Ives ...	c	b	55	63	12	–	7·6	6·4
	Bude	pcbc	pbc	58	62	2	2	5·6	6·5
	Ilfracombe ...	odcbc	bbc	56	64	12	0·2	5·1	6·6
6	Aberystwyth	cpr	bcpr	57	63	2	12	2·9	2·1
7	Llandudno ...	circ	cirbc	56	62	3	1	3·3	5·6
	Colwyn Bay...	orrbc	bcpbc	55	64	4	1	3·4	6·3
	Rhyl	orc	cprbc	56	64	3	1	4·4	3·8
8	Wallasey ...	coRc	cRkb	57	62	–	3	1·2	5·3
	Southport‖ ...	ocr	ocpbcb	56	63	–	4	2·3	4·7
	Blackpool ...	cocc	cpbc	56	62	–	4	2·4	5·5
	Morecambe ...	rrcbc	rcbcc	57	63	–	7	2·4	6·5
9	Ilkley	crc	crcbc	47	64	–	5	1·9	6·7
10	Berwick-on-T.	oc	Roc	52	62	–	6	0·7	6·8
11	Dunbar ...	bc	bcp	61	64	–	4	3·2	7·5
12	Troon... ...	rocrc	cbcpc	56	61	0·3	1	2·8	4·7
	Douglas ...	qircb	cbbcq	56	60	1	1	4·6	3·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 18th September 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◯ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◑ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
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. 18th Sept. 1934.
1 S.E. England 2. E. England... 3. E. Midlands	Light or moderate south to southwest wind; cloudy, local rain at first, especially near Southeast Coast, then fair apart from scattered showers; average temperature.
4. W. Midlands 5. S.W. England. 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10 N.E. England 11. S.E. Scotland	Moderate or fresh southwest wind; showers and bright intervals; average temperature.
12 S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland	Fresh or strong squally south to southwest wind; showers, heavy and prolonged locally; bright intervals later; average temperature.
15. N.E. Scotland 16 Orkneys and Shetlands	As 4 - 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh or strong squally southwest to west wind; showery, bright intervals later; average temperature.

GENERAL INFERENCE.

Pressure is low near Iceland and secondaries over West Ireland and South France are moving northeast. There will be showers in the West and North, but weather will be mainly fair in the Southeast, though there may be slight rain in the extreme Southeast.

FURTHER OUTLOOK.

Unsettled, especially in the West and North.

Forecasts issued at 0930 G.M.T.

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

H.M. Stationery Off. 2 Prince Consort Rd. S.W.7.

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

Morning of
Tuesday
September 18th
1934.

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

Clarke's Projection Scale 1.4 x 10^7 along meridian at 55°N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Tuesday, 18th September 1934.

No. 26598

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

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	10168	+4	S	3	b	53	95	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	10180	+6	SW'S	3	c	58	75	9	5	3	-	7-8	9+	5700
	Manston	450	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	10157	+6	SSW	2	bc	59	85	7	-	2	-	0	4-6	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1015·7	+6	SW	4	bc	60	85	7	4	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	10150	0	SSW	3	bc	57	85	8	8	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	10140	-2	SW	4	b	55	85	8	-	-	-	0	0	-
	Guernsey	175	10170	+4	SWW	2	b	56	85	8	-	-	-	0	0	-
6	Pembroke	142	1011·5	+2	SWW	3	bc	58	65	7	8	-	-	4-6	4-6	4000
7	Holyhead	26	10106	+8	SW'S	5	b	57	75	8	1	-	-	1	1	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	Manchester	70	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1014·7	+6	WSW	3	bc	54	95	8	-	1	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1011·7	+6	SW	3	bc	52	85	7	5	-	-	2-3	2-3	1500
11	Inchkeith	190	10082	+22	SW	3	b	55	85	8	-	-	-	0	0	-
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	9997	+2	SSW	6	c/pr	54	85	7	5	6	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	10040	+10	SSW	4	b	54	85	8	5	-	-	1	1	2500
16	Lerwick	54	10032	+6	S'W	4	bc	53	95	7	5	-	-	2-3	2-3	800
17	Blacksod Point	18	10008	0	S	5	q	56	85	8	3	-	-	4-6	4-6	1500
18	Malin Head	52	10018	+4	S	5	b	52	95	8	4	-	-	1	1	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	10048	-10	SW	6	b	54	85	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1017·5	+2	S'E	2	c	53	95	6	-	7	-	0	9+	-	0	*
1017·1	+2	SSE	2	c	52	95	6	1	9	8	Tr	9+	2500	1	*
1017·5	+4	S	1	c	50	95	6	8	7	1	2-3	9	1500	1	*
1016·5	+8	SE'S	2	3c	47	95	6	5	-	8	1	7-8	1500	1	*
1017·1	+6	SSE	3	c/p	60	85	8	8	7	9	4-6	9	1500	0	1
1018·1	+2	SSW	2	c	57	85	8	8	9	1	4-6	9	1500	1	§0
1017·8	+2	SSE	2	c	56	85	8	2	3	2	1	9	2500	1	*
1017·5	+2	SSW	1	c	58	95	6	4	6	-	7-8	9+	4000	0	*
1017·6	+4	SW	2	c	58	85	7	8	3	8	4-6	7-8	2500	1	1
1017·1	+8	S'W	3	c	56	85	6	-	-	8	0	7-8	-	0	2
1015·7	+2	S	1	c	49	95	7	-	2	6	0	9	-	1	*
1016·2	+4	SSW	2	bc	46	95	5	-	-	8	0	2·3	-	1	*
1017·1	+6	SE	1	3c	48	95	6	7	-	2	Tr	7·8	2500	1	*
1015·1	0	SW'W	2	bc	51	95	6	8	-	1	1	2·3	4000	1	*
1015·9	+6	SW	4	c	60	75	7	4	4	-	4·6	7·8	2500	1	4
1014·3	0	S'E	5	bc	59	95	7	8	3	-	4·6	4·6	1500	1	3
1013·6	0	SSW	4	bc	57	85	8	8	-	1	2·3	4·6	2500	1	2
1012·8	+2	SW'S	4	bcjp	56	85	8	3	-	3	2·3	4·6	2500	1	3
1017·4	+2	-	0	c	56	95	8	5	7	-	2·3	7·8	4000	0	2
1010·6	-4	SW'S	4	q	58	75	7	8	6	4	4·6	7·8	2500	1	3
1010·3	+2	S'W	5	bc/pG	57	75	8	3	3	3	2·3	2·3	1500	1	3
1014·1	+2	SSE	2	b	46	95	6	7	-	3	Tr	1	4000	1	*
1013·8	+4	SSE	4	bc	47	95	8	1	-	9	Tr	2·3	4000	1	*
1014·2	+2	SW'S	3	3c	47	95	6	-	-	1	0	Tr	-	1	*
1014·2	+6	S	1	b	47	95	5	5	-	1	Tr	1	2500	1	*
1015·5	+2	WSW	3	c	52	95	8	5	7	-	4·6	7·8	2500	0	2
1013·5	+6	S'E	2	m	43	95	4	8	-	6	Tr	7·8	2500	0	*
1012·0	+4	SW	2	bc	48	85	6	4	-	1	2·3	2·3	4000	1	1
1008·9	+4	SSW	2	bc	53	85	8	2	4	-	1	2·3	2500	0	1
1009·2	+6	SSE	3	b	50	85	7	8	-	1	Tr	Tr	4000	1	*
1008·0	0	S	2	bc	52	85	8	8	-	-	2·3	2·3	1500	1	*
1010·1	+6	S'E	3	c/pR	49	95	7	9	-	-	9+	9+	800	1	*
1002·4	+2	S	6	c	53	75	8	6	6	-	9+	9+	1500	1	4
1000·3	+4	S	6	q	54	85	7	8	6	-	4·6	7·8	1500	1	4
1007·1	0	S	3	bc	47	85	8	4	1	-	2·3	4·6	2500	1	*
1008·5	+4	S'W	3	b	51	85	8	-	-	-	0	0	-	1	2
1004·8	-2	SSW	4	bc	54	75	8	5	4	-	1	2·3	2500	1	3
1004·1	0	SSW	4	b	53	95	7	5	-	-	1	1	1500	1	*
999·0	-12	S	6	q	55	85	8	3	-	9	4·6	7·8	800	1	4
1002·8	0	S'E	4	bc	52	95	8	4	4	3	2·3	4·6	1500	1	1
1007·1	+4	S'E	4	bc	51	95	7	5	-	-	2·3	2·3	2500	1	*
1008·3	0	S	1	bc	53	85	8	5	-	-	4·6	4·6	1500	0	0
1005·9	-2	SW	2	c	51	95	8	5	-	-	7·8	7·8	2500	1	*
1004·2	-8	S	4	pr	54	85	8	6	-	-	9+	9+	1500	1	4
1008·0	-6	SW	4	bc	57	85	8	3	-	-	4·6	4·6	1500	1	4

PAST 24 HOURS.

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 17th Hrs. (36)
72	52	45	Tr	-	6·6
71	51	48	Tr	Tr	8·4
71	47	35	1	Tr	4·8
66	45	40	2	Tr	3·4
69	53	49	1	-	3·7
71	52	43	6	Tr	7·9
77	49	46	8	Tr	8·5
74	54	41	202	-	6·9
71	57	52	7	-	6·7
71	53	51	8	-	6·7
73	46	42	1	-	6·8
65	46	42	9	-	4·0
69	46	38	3	-	*
64	49	42	14	-	3·9
65	59	*	2	-	*
65	53	52	4	3	5·5
63	55	*	1	Tr	*
61	55	*	2	-	9·8
68	55	49	01	-	4·9
62	52	*	1	Tr	5·1
63	55	52	1	Tr	6·5
65	43	34	4	-	4·2
62	47	45	2	-	2·8
65	46	36	6	-	4·2
64	46	39	7	-	1·0
73	51	*	-	-	7·1
65	41	33	4	-	1·1
67	47	44	2	-	*
60	52	47	2	-	2·6
63	45	34	3	Tr	2·4
61	46	42	2	-	4·7
58	46	41	7	3	1·4
58	51	48	4	7	4·1
59	52	*	3	3	1·4
56	45	41	8	1	1·2
60	48	42	6	-	1·2
59	50	*	1	0·1	*
61	52	*	-	1	5·7
58	53	*	2	3	*
58	50	*	2	-	4·0
59	48	45	4	-	6·0
62	51	*	7	-	*
60	49	43	1	0·2	7·0
60	52	48	0·6	3	7·6
59	56	*	Tr	-	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bc3c	cp,c,jp	cbbcwm	72	52	45	Tr	-	6·6	*	*	6
Croydon	217	cbc	cp,c	cp,bcm,w	71	51	48	Tr	Tr	8·4	*	*	7
Greenwich (Royal Observatory)	149	cy	c	c,c,bwc	75	49	42	-	Tr	7·9	59	77	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	72	55	49	-		7·2	69	78	*
Regents Pk. (Botanic Gardens)	168	*	*	*	74	54	47	-	Tr	6·0	73	77	*
Camden Square	110	c	cdc	*	72	54	47	Tr	-	*	*	74	*
Kensington	80	bcw	c	*	72	53	44	-	-	6·3	At 18h. 72	* 78	*
Hampstead Observatory	450	bc	bcp	bc	70	51	43	Tr	-	6·1	*	88	*

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	1021·5	SSW	3	bc	79	1019·3	-	0	c	59	82	54	-	-
Brussels	1015·6	SSE	3	c	72	1019·0	SSW	1	bc	61	77	54	-	-
Berlin	1021·7	-	0	bc	70	1022·4	SSE	1	bc	61	79	57	-	-
Zurich	1022·6	S	1	bc	66	1023·2	NNE	1	bF	54	77	54	-	0·1
Rome	1021·7	ENE	4	id.	72	1021·4	NE	3	b	68	*	*	*	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 18th

South Kensington. Max.	Time.	Min.	Time.
Defective		Record	

Kew Observatory. Max.	Time.	Min.	Time.
0·1	15h 17m	<0·1	3h 18m

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.

† Hr. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 19th September 1934.

No. 26599

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

Dist.	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)	°F. Temp. (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)
1	London (Kew)	1016·2	-8	SSW	3	c	66	55	8	8	-	8	4-6	9	4000
	Croydon	1016·6	-8	S	3	c	64	55	8	7	3	8	4-6	9	2500
	S. Farnborough	1015·5	-16	S'W	4	c	67	55	7	2	6	2	4-6	7-8	4000
	Boscombe Down	1014·8	-12	SSW	3	pr$_o$	61	75	7	5	-	-	9+	9+	1500
	Calshot, S'thmtn	1016·4	-6	SSE	4	c	65	75	8	8	6	-	4-6	7-8	2500
	Lympne	1017·6	-14	S'W	2	c	63	85	8	8	1	-	7-8	10	2500
	Manston	1017·2	-12	SSE	4	c	65	65	8	5	-	-	9+	9+	2500
2	Shoeburyness	1017·1	-10	S	4	c	64	85	8	8	2	-	4-6	9	4000
	Felixstowe	1017·4	-8	S'E	3	cir$_o$	64	75	7	6	7	-	7-8	10	1500
	Gorleston	1017·4	-10	S'E	3	c	65	65	6	8	-	-	9+	9+	2500
	Cranwell	1014·8	-12	S'W	4	bc	66	55	8	2	-	5	2-3	2-3	4000
3	Birmingham	1013·8	-8	SSW	4	bc	62	55	8	8	-	1	2-3	4-6	2500
	Upper Heyford	1014·9	-14	S	4	c	63	65	8	8	4	8	4-6	7-8	2500
4	Ross-on-Wye	1013·6	-6	S'E	4	c	62	65	8	9	7	8	2-3	9	4000
5	Portland Bill	1014·5	-10	SSW	4	bc	62	85	7	4	-	1	4-6	4-6	2500
	Plymouth	1013·8	-6	S'W	5	c	60	85	8	3	3	8	2-3	9+	1500
	The Lizard	1013·6	0	S'W	5	c	61	75	8	8	6	-	4-6	7-8	2500
	Scilly (St. Mary's)	1012·3	-4	SW'S	5	bc	63	65	8	3	5	3	2-3	4-6	2500
	Guernsey	1016·7	-4	S'W	3	cir	60	95	6	8	-	-	10	10	1500
6	Pembroke	1010·7	-4	WSW	4	bcq	60	65	8	7	8	9	2-3	4-6	5700
7	Holyhead	1009·5	-10	S	5	bcq	62	65	8	3	8	-	2-3	4-6	2500
	Chester (Sealand)	1012·0	-16	S'E	4	c	65	55	8	7	-	1	4-6	7-8	4000
8	L'pool (Bidston)	1011·7	-4	S'W	4	c	61	55	9	8	-	-	9+	9+	2500
	Manchester	1012·6	-10	SSW	4	bc	65	45	8	1	-	1	2-3	4-6	4000
9	Harrogate	1012·3	-6	SW	3	bc	64	45	7	2	-	-	2-3	2-3	4000
10	Spurn Head	1014·9	-4	SW	5	bc	63	65	8	2	6	1	4-6	4-6	4000
	Catterick	1011·7	-14	S	4	bcq	64	55	7	8	-	1	4-6	4-6	2500
	Tynemouth	1012·6	-8	S	3	bc	62	65	7	9	-	-	4-6	4-6	1500
11	Inchkeith	1019·4	0	SSW	2	c	57	85	8	8	6	3	4-6	9	2500
	Leuchars	1009·6	+2	S	5	pr$_o$	55	75	8	3	-	3	7-8	7-8	4000
12	Renfrew (Abbotsl.)	1007·6	-4	SW'S	4	c	62	55	8	8	-	3	7-8	7-8	4000
	Eskdalemuir	1009·4	-4	S'W	6	bc	58	75	7	8	-	1	4-6	4-6	1500
13A	Tiree	1002·9	0	S'E	6	c	59	75	8	8	7	-	4-6	7-8	2500
13B	Stornoway	1000·8	0	SSW	6	c/pr	57	85	7	8	7	-	7-8	7-8	1500
15	Dalwhinnie	1006·1	-4	S	5	bc	54	65	8	4	4	3	2-3	4-6	2500
	Aberdeen	1008·7	-6	S'W	4	bc	60	65	8	8	4	-	2-3	2-3	2500
	Wick	1005·3	-8	SSW	3	bc	59	65	8	7	8	8	2-3	4-6	2500
16	Lerwick	1004·3	0	SSW	5	bc	55	85	7	1	7	-	2-3	4-6	1500
17	Blacksod Point	1000·6	+8	WSW	4	bc	59	85	8	4	-	-	4-6	4-6	2500
18	Malin Head	1002·2	-4	S	5	c	60	85	8	8	-	-	9+	9+	1500
	Aldergrove	1005·6	-8	S	4	bc/pr	59	75	9	3	-	3	2-3	2-3	1500
	Donaghadee	1007·1	-8	SW	5	bcq	62	65	8	8	3	-	4-6	4-6	1500
19	Birr Castle	1005·1	-8	SW	4	c/pr	59	95	8	8	-	-	9+	9+	2500
20	Valentia Obsy.	1005·5	+4	SW'S	3	c	58	95	8	5	-	-	9	9	800
	Roches Point	1007·9	-6	SW	4	c	59	85	8	3	-	-	7-8	7-8	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°F. Temp. (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)
1014·7	-4	SSW	3	pr$_o$	62	65	8	5	-	-	9	9	2500	0	*
1014·9	-6	SSE	2	c	62	65	7	5	7	-	4-6	9+	5700	1	*
1014·5	0	S'W	2	cir$_o$	57	95	6	9	7	2	2-3	9+	2500	1	*
1013·6	-4	S'W	2	c	58	95	7	8	3	-	7-8	7-8	1500	1	*
1015·0	-4	SSW	3	c	60	85	8	8	3	-	2-3	7-8	1500	1	2
1015·7	-4	SW	1	c	60	85	8	5	2	8	4-6	9+	5700	1	§1
1015·3	-10	SSE	3	c	61	85	8	8	4	1	7-8	9	2500	0	*
1015·0	-4	S'W	2	c	62	95	7	8	7	-	7-8	7-8	1500	0	*
1015·2	-8	S'E	4	c	63	75	8	2	7	2	2-3	7-8	2500	0	2
1015·0	-6	SSE	4	c	63	75	7	2	7	-	2-3	7-8	2500	0	2
1013·0	-6	SSE	2	c	60	75	8	8	-	1	7-8	7-8	4000	0	*
1012·5	-6	WSW	3	pr$_o$	58	75	8	9	-	-	9	9	1500	1	*
1013·7	-4	S	3	c/pr	58	85	8	9	7	-	7-8	9+	450	1	*
1012·5	-8	S	2	bc	57	85	8	9	7	2	1	4-6	4000	1	*
1013·2	-8	WSW	4	c	60	85	7	4	4	-	4-6	7-8	2500	1	4
1012·8	-4	SW	4	bc	60	85	8	3	5	8	2-3	4-6	2500	1	2
1012·7	-2	SW'S	4	bcjp	58	85	8	3	4	-	4-6	4-6	2500	1	2
1011·9	0	SW'W	4	c	57	85	8	8	-	3	7-8	9	2500	1	3
1015·6	-2	W'S	1	c	59	85	8	5	-	-	7-8	7-8	2500	1	3
1009·2	-10	SW'S	4	bcq	59	75	7	8	8	-	4-6	4-6	4000	1	3
1008·5	-6	SSW	5	bc	59	75	8	1	3	-	4-6	4-6	1500	1	3
1010·8	-4	S'W	2	c	63	55	8	9	7	6	4-6	7-8	2500	1	*
1010·6	-6	WSW	2	bc	60	65	9	8	-	9	4-6	4-6	2500	1	*
1010·9	-4	SSW	4	bc	61	65	8	8	5	6	2-3	4-6	2500	0	*
1011·2	-6	SSW	3	bc	59	65	7	5	4	8	1	2-3	2500	1	*
1012·7	-6	SSW	3	c	63	75	7	3	2	-	4-6	7-8	2500	0	2
1010·5	-4	-	0	c	57	75	8	8	-	6	2-3	7-8	4000	0	*
1010·5	-6	S	2	c	61	65	6	9	-	-	7-8	7-8	1500	1	1
1008·1	-4	S	3	bc	58	75	8	2	4	1	1	2-3	4000	0	1
1008·7	-6	SSW	3	bc	56	75	8	8	-	3	1	1	4000	1	*
1006·8	-6	SW'S	3	bc	58	75	8	8	6	3	4-6	4-6	4000	0	*
1008·3	-8	SSW	4	bc	54	75	7	8	7	-	2-3	2-3	1500	1	*
1001·6	-6	S'E	5	c	55	85	8	6	8	-	9	9+	1500	1	4
999·6	-8	SSW	7	PR	55	85	6	10	7	-	7-8	9+	1500	1	4
1005·2	-4	S	3	cR	50	85	7	4	2	-	4-6	10	1500	1	*
1006·6	-6	S'E	3	b	57	65	7	4	-	-	Tr	Tr	4000	1	3
1003·2	-2	SSW	3	c	58	75	8	8	6	-	4-6	7-8	1500	0	3
1003·2	-4	SSW	6	bc	55	85	7	5	4	-	2-3	4-6	2500	0	*
1004·5	+10	WNW	4	c	55	85	8	9	-	-	10	10	450	1	3
1000·9	-4	S	4	c	57	95	8	8	-	-	9+	9+	1500	1	1
1004·6	-6	S	4	pr$_o$	57	75	7	9	-	-	9+	9+	1500	1	*
1005·5	-2	S	4	bc	57	85	8	8	3	-	4-6	4-6	1500	0	2
1005·5	+6	SW	2	c	56	85	8	8	-	1	4-6	7-8	2500	1	*
1008·7	+18	W'N	4	c/r	55	95	7	5	-	-	9+	9+	800	1	3
1007·6	-4	SW	3	c	56	95	8	3	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 18th (37)	Weather. 13h.–18h. 18th (38)	Weather. 18h. 18th to 1h. 19th (39)	Weather. 1h.–7h. 19th (40)
e$_y$o c	cy e pr$_o$	cb	bb c w
c w m$_o$ c	cv	bc b m w	bm$_o$ w bc
c b e c b c	bc y e v$_o$ R	cr$_o$ bc b	bm$_o$ w
b e e pr$_o$	c pr$_o$ c	cb c b	cpr$_o$ bc
c b c	b e r r R	bc	bc p$_o$ c c
e pr$_o$ e	b c c	b c c	c b w c
e pr$_o$ c	c	c b c	b c w m$_o$
e m$_o$ c	b c	c	b b c m$_o$
c i r$_o$	c i r$_o$ c	c$_s$ b	b w b c$_3$
c	e	c b c	b c c
c b c y	b c y e	c b c	b c b w
b b c	b c c pr$_o$	c p r b c	b c c
c b c	c p r$_o$	c j p b	b b c f e
b b c	c p$_o$ c P b c	b c b	b c c p$_o$ b c
c b c	p r o c	b c	b c c
b c c p r$_o$ ⊕	c b c	b c c p r$_o$	c p r$_o$
b c p r$_o$	c p r b c	b c p r	b c p r$_o$
c p q b c	b c c p c	b c c p c	b c c p$_o$
b c e i r	c b c c	c b c c	b c c p r
c P R b c q	b c q	c p r$_o$ b c	c q
c p r q	b c q b r	b c p r$_o$	b c i r$_o$
b b c y	p r o c y r	b c b w	b w b c m$_o$
b b c	c P R r	b c b	b b c b c c
b w b c y	b c y	b w m$_o$	b c c m$_o$
b c b	b b c c	b b c	b c c
c	b c c i r	c i R	o r r
c p r q	c P R q	c p r	c r r
c i r	c i r	*	i r
b c b	b	b b c	b c
c	b c c	b c q	c q r$_o$
b c	b c	b c	c i r
P R b c	P R c	P R c q	P R c
b c c v	c p r$_o$ v	c p r v	c i d$_o$ r
b b c c p r	b c c P R t c	c p r$_o$ c	o r$_o$ r$_o$
b c q	b c	c	c o i r$_o$
c p r$_o$	c p r$_o$ c	c p r$_o$	c o i r$_o$
r r r$_o$ c	c i r$_o$ c	c i r$_o$ c	i r i r$_o$ o
b c c	c i d$_o$ c	c p$_o$ b c b	c p$_o$ b c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail"
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus, R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⓟ lunar halo. gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "t r" 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

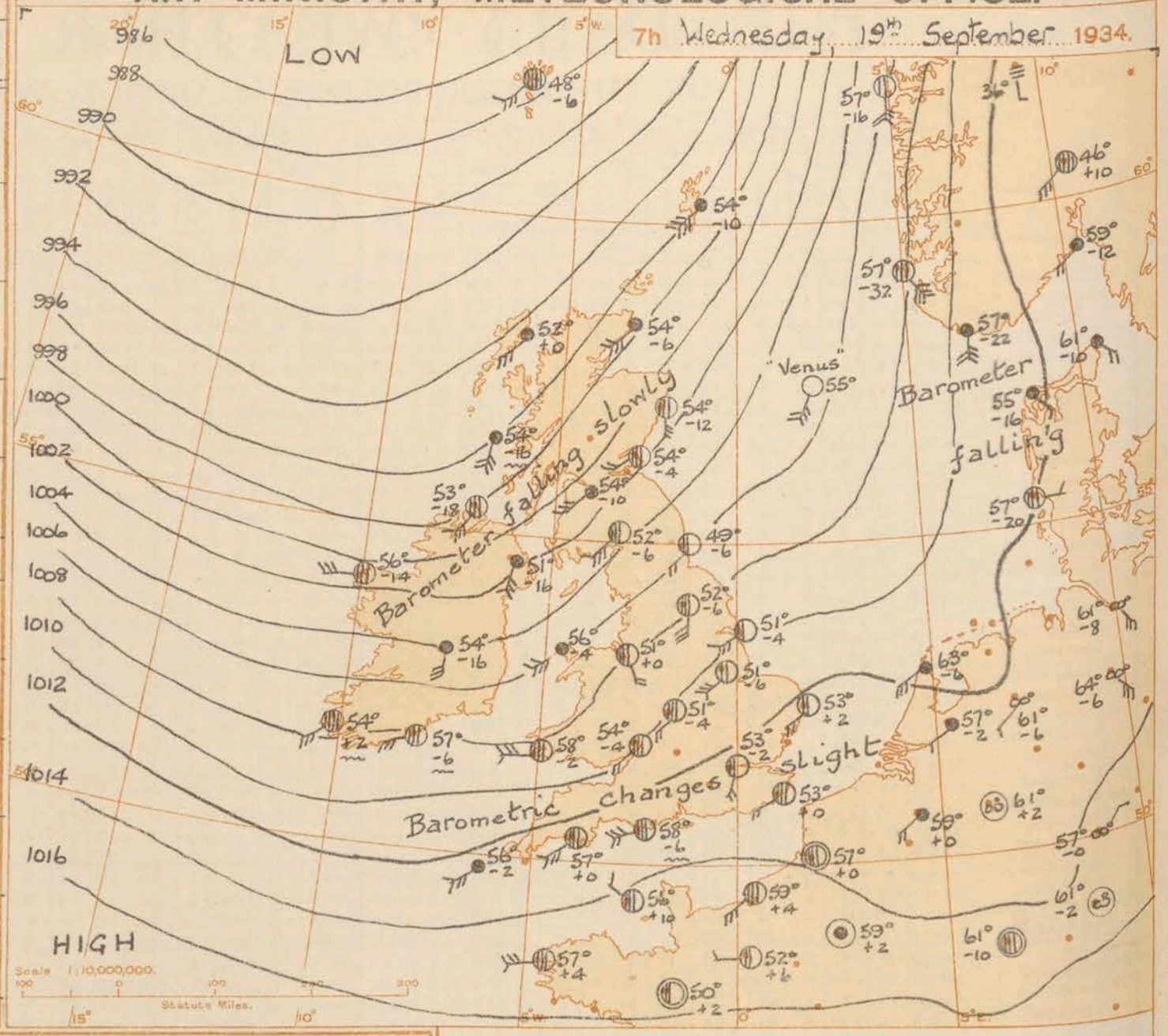
REPORTS from HEALTH RESORTS for 18th September 1934.

Districts.	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
1	Tunbridge W.	o	oc	48	66	–	–	0·7	6·6
	Bournemouth	bccd	c	50	66	–	1	3·1	4·2
	Ventnor ...	ocbc	copu	57	67	–	Trace	2·2	5·5
	Southsea ...	ccb	cbc	57	66	–	–	2·1	4·0
	Bognor Regis	c	bcirc	57	65	Trace	Trace	2·0	3·2
	Littlehampton	c	c	55	66	Trace	–	1·3	2·5
	Worthing ...	c	cbcc	58	66	Trace	–	1·5	3·0
	Brighton ...	bc	bc	60	65	Trace	–	0·6	3·1
	Eastbourne†	ur.o	oc	58	65	–	Trace	0·1	5·9
	Hastings† ...	o	ocbcc	57	64	Trace	–	0·6	6·6
	Folkestone ...	o	oc	55	66	Trace	–	0·8	7·6
	Dover... ...	cp.	c	57	65	Trace	Trace	0·3	8·2
	Deal	cocr.	coc	54	66	1	Trace	0·7	7·9
	Ramsgate ...	bcc	cp.c	58	65	–	Trace	0·6	7·7
	Margate ...	c	c	55	65	–	–	1·3	8·3
2	Southend ...	c	c	56	66	–	–	0·2	6·2
	Maldon ...	c	cPbc	48	68	–	2	0·9	6·1
	Clacton-on-Sea	cbcc	cbc	56	64	–	–	0·7	6·8
	Dovercourt ...	bcc	bcc	53	64	–	–	1·5	6·9
	Lowestoft ...	bcc	cbc	53	65	–	–	2·9	6·4
	Skegness ...	obco	bcobc	48	66	–	–	6·3	7·4
	Mablethorpe	bcw	bc	46	67	–	–	6·5	6·8
	Cleethorpes ...	wbc	bcc	47	67	–	–	6·7	6·6
3	Leamington S.	bbc	bcc	47	68	–	–	6·1	3·5
4	Cheltenham†	bbc	bccir	47	63	–	2	5·5	4·7
5	Bath	bbcp.	p.cbc	46	65	–	0·3	5·3	3·3
	Weymouth ...	bcp.c	bbc	57	66	–	Trace	4·4	4·7
	Jersey ...	cbccp	cpbcc	59	65	–	1	3·5	5·0
	Torquay ...	cPRbc	cp.bc	50	64	1	2	3·8	5·3
	Penzance ...	b	b	53	64	0·2	–	7·9	8·1
	St. Ives ...	bcpc	c	52	63	Trace	0·2	7·7	8·6
	Buda	wbc	bcpbc	57	64	–	2	8·4	6·0
	Ilfracombe ...	bbcc	bccd	52	65	–	0·1	5·8	5·6
6	Aberystwyth	cprbc	bcpr.	50	63	1	0·3	7·1	3·7
7	Llandudno ...	bc	bc	51	66	Trace	–	7·8	4·3
	Colwyn Bay...	bcpbc	bcb	50	66	–	0·3	8·1	4·3
	Rhyl	c	cr.bc	46	66	–	–	10·1	5·1
8	Wallasey ...	bbc	cPbc	48	65	–	2	6·5	2·0
	Southport‖ ...	bbcc	cop.c	47	65	1	0·5	8·5	2·3
	Blackpool ...	bbc	bccpc	47	66	–	0·1	9·8	2·9
	Morecambe ...	bbcr	cbc	48	65	–	2	8·7	2·9
9	Ilkley	b	b	47	65	–	–	8·9	1·9
10	Berwick-on-T.	bc	bc	47	64	–	–	9·1	1·1
11	Dunbar ...	bc	bc	49	63	–	–	6·9	3·5
12	Troon... ...	bcb	bbcb	54	62	–	–	9·3	3·6
	Douglas ...	cbcid	cbbcq	49	61	7	0·3	7·0	5·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 19th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th Sept, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh southwest to west wind; cloudy, some showers; mainly fair night and morning; average temperature.
5. S.W. England. 6. South Wales	Moderate or fresh squally west wind; cloudy, bright intervals, some showers; average temperature.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate or fresh squally southwest to west wind, strong locally; rain, then showers and bright intervals, perhaps local thunder; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh or strong squally west wind, moderating tomorrow; showers and bright intervals; possibly local thunder; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 3/10 to 7/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⅄ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ≈ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression over East Iceland is moving slowly northeast, and a secondary trough over the Hebrides and Ireland is moving east. A small wedge of high pressure will follow. There will be a period of general rain in the North, but otherwise there will only be showers with some bright intervals.

FURTHER OUTLOOK.

Bright intervals over tomorrow, but local showers, chiefly in the North.

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.

Morning of
WEDNESDAY
19th September.
1934.

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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Wednesday, 19th September 1934.

No. 26599

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

District	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)	°F. Temp. (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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1014.7	-6	S	3	b	51	95	6	–	–	–	0	0	—
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1014.9	-6	WNW	2	c	55	85	9	5	3	–	2-3	7-8	4000
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1013.0	-6	SSW	3	bc	57	85	7	–	7	–	0	2-3	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014.0	-6	WSW	4	c	60	85	8	4	–	–	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013.1	0	W	5	bc	57	95	8	8	4	–	4-6	4-6	1500
	Scilly (St. Mary's)	163	1013.4	+8	WNW	5	c	56	85	8	8	–	–	9+	9+	2500
	Guernsey	175	1015.4	-6	W'S	2	bc	56	85	8	8	–	–	4-6	4-6	2500
6	Pembroke	142	1008.9	0	W	3	bc	57	85	7	5	–	–	4-6	4-6	4000
7	Holyhead	26	1007.5	-10	SW'S	4	pr	56	85	7	3	–	–	4-6	4-6	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1011.0	-4	SW	4	bc	55	95	8	–	2	–	0	2-3	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1007.9	-12	SW	2	b	53	85	6	–	–	–	0	0	–
11	Inchkeith	190	1005.5	-10	S	3	b	55	85	8	–	–	–	0	0	–
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	996.6	-12	WSW	3	pr	53	95	7	8	6	–	4-6	10	1500
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	999.8	-2	SSW	5	bc	55	85	8	8	1	–	4-6	4-6	1500
16	Lerwick	54	1000.1	-8	SW	6	bc	54	95	7	5	–	–	2-3	2-3	2500
17	Blacksod Point	18	1003.0	-20	SSW	5	q	55	95	7	9	–	–	10	10	450
18	Malin Head	52	1001.3	-4	S'E	3	c	53	95	8	8	–	–	9+	9+	1500
	Aldergrove	256	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1008.5	-10	SW	5	ir	55	95	7	6	–	–	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 19th September

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)	1012.2	-2	SSW	2	bc	54	95	7	8	-	2	Tr	4.6	2500	0	*
	Croydon	1013.1	-2	S'W	2	bc	53	95	8	1	7	2	Tr	4.6	4000	1	*
	S. Farnborough	1012.2	-2	S	3	bc	50	95	6	9	1	3	1	2.3	2500	1	*
	Boscombe Down	1011.9	-2	SW'S	2	3o	50	95	6	5	3	-	4.6	4.6	1500	1	*
	Calshot, (S'thmtn)	1012.9	-2	SSW	4	c	58	85	8	8	1	-	4.6	7.8	1500	1	2
	Lympne	1013.8	0	W'S	2	c	53	85	8	6	-	2	4.6	9	4000	1	§0
	Manston	1013.2	+2	S	3	3o	51	95	6	5	4	2	2.3	4.6	4000	0	*
2	Shoeburyness	1012.9	0	SW	1	bc	55	95	6	1	7	8	Tr	4.6	5700	0	*
	Felixstowe	1012.5	-4	SW'W	3	bc	56	85	7	-	-	4	0	4.6	-	0	1
	Gorleston	1012.0	+2	SW	2	bc	53	95	6	-	3	-	0	4.6	-	0	2
	Cranwell	1009.9	-6	SSW	4	bc	51	95	7	5	-	4	1	2.3	450	0	*
3	Birmingham	1009.9	-4	SSW	2	c	51	95	6	5	-	-	9+	9+	800	1	*
	Upper Heyford	1011.4	0	S'W	2	3o	50	95	6	5	7	1	2.3	4.6	450	1	*
4	Ross-on-Wye	1010.3	-4	SW	2	c	54	95	7	5	-	-	9	9	4000	1	*
5	Portland Bill	1011.5	-6	W	5	c	58	85	8	4	-	-	7.8	7.8	2500	0	4
	Plymouth	1012.6	+4	WSW	3	c	56	85	8	2	9	9	2.3	7.8	2500	1	2
	The Lizard	1013.4	0	WSW	4	pr	57	85	8	8	2	-	7.8	9+	2500	1	3
	Scilly (St. Mary's)	1013.0	-2	WSW	4	pr	56	95	7	9	-	-	9+	9+	1500	1	3
	Guernsey	1014.4	+10	WNW	1	c/pr	56	95	7	8	3	-	4.6	7.8	2500	1	2
6	Pembroke	1008.0	-2	W	4	q	58	75	7	5	-	-	9+	9+	2500	1	3
7	Holyhead	1006.0	-4	SW	5	ic	56	85	8	6	7	-	4.6	10	1500	1	2
	Chester (Sealand)	1008.1	0	SSE	2	c	51	95	6	5	4	9	7.8	9	1500	1	*
8	L'pool (Bidston)	1007.1	0	SW'W	3	c	53	85	8	5	4	-	9	9+	4000	0	*
	Manchester	1007.7	-4	SW	3	3o	52	95	6	5	3	-	7.8	9+	1500	1	*
9	Harrogate	1007.3	-6	S	3	c	52	85	5	5	7	9	1	9	1500	1	*
10	Spurn Head	1009.4	-4	SW	4	bc	51	95	7	5	7	-	2.3	4.6	1500	0	3
	Catterick	1006.2	-10	SE'S	2	c	50	95	7	5	7	2	4.6	7.8	2500	0	*
	Tynemouth	1005.0	-6	SW	2	bc	49	95	6	2	-	1	4.6	4.6	2500	1	1
11	Inchkeith	1003.8	-12	SSW	3	c	54	85	8	5	-	-	9+	9+	4000	0	1
	Leuchars	1001.4	-4	SSW	2	c	54	85	7	5	1	-	9	9+	4000	1	*
12	Renfrew (Abbotsl)	1000.7	-10	SSW	3	ic	54	85	6	5	-	-	10	10	1500	1	*
	Eskdalemuir	1002.7	-6	SSW	4	c	52	95	7	5	-	-	10	10	1500	1	
13A	Tiree	995.9	-16	S'W	5	RR	54	95	5	6	-	-	10	10	450	1	4
13B	Stornoway	994.2	0	WSW	3	rr	52	95	6	8	2	-	4.6	10	1500	1	1
15	Dalwhinnie	999.5	-16	SW	1	ir	47	95	8	4	6	-	4.6	10	2500	1	*
	Aberdeen	1000.1	-12	S	3	c	54	85	8	8	9	-	7.8	9	2500	1	2
	Wick	997.1	-6	SW	5	r.r.	54	95	7	8	1	-	7.8	9+	1500	1	3
16	Lerwick	995.5	-10	SSW	6	ir	54	95	7	6	2	-	4.6	10	1500	1	*
17	Blacksod Point	1001.8	-14	W	3	c	56	95	8	9	-	-	7.8	7.8	800	1	3
18	Malin Head	997.0	-18	SSW	4	dr	53	95	7	8	-	-	10	10	800	1	1
	Aldergrove	1001.5	-16	S'W	4	r.r.	51	95	6	6	2	-	7.8	10	800	1	*
	Donaghadee	1002.1	-12	SSW	2	ir	52	95	7	6	-	-	10	10	800	1	1
19	Birr Castle	1004.5	-16	S	3	ir	54	95	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy.†	1007.9	+2	W'S	4	o/r	56	95	6	5	-	-	10	10	450	1	4
	Roches Point	1008.2	-6	W	3	c	57	85	8	3	-	-	7.8	7.8	2500	1	4

PAST 24 HOURS.

District	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)
1	London (Kew)	68	48	38	Tr	-	2.0
	Croydon	67	50	45	-	Tr	1.0
	S. Farnborough	68	47	32	0.5	0.2	3.7
	Boscombe Down	66	45	39	0.4	0.1	4.9
	Calshot, (S'thmtn)	66	55	50	6	Tr	2.2
	Lympne	63	51	43	Tr	Tr	0.3
	Manston	66	50	46	Tr	-	1.5
2	Shoeburyness	66	51		-	-	1.2
	Felixstowe	65	54	50	Tr	-	3.5
	Gorleston	66	52	51	-	-	6.8
	Cranwell	68	48	46	-	Tr	
3	Birmingham	63	49	44	Tr	0.5	5.7
	Upper Heyford	66	47	40	0.1	0.1	*
4	Ross-on-Wye	66	52	47	1	Tr	6.7
5	Portland Bill	63	56	*	0.1	-	*
	Plymouth	62	55	51	0.1	0.1	6.8
	The Lizard	63	54	*	1	1	*
	Scilly (St. Mary's)	63	55	*	2	1	6.5
	Guernsey	64	55	50	1	1	1.8
6	Pembroke	61	55	*	1	0.3	7.5
7	Holyhead	63	55	52	0.3	0.4	10.2
	Chester (Sealand)	69	46	36	Tr	Tr	9.1
8	L'pool (Bidston)	63	49	47	1	-	7.1
	Manchester	66	50	38	-	-	7.9
9	Harrogate	64	49	41	-	-	8.6
10	Spurn Head	66	50	*	-	-	6.1
	Catterick	64	45	36	-	-	8.5
	Tynemouth	68	48	45	-	Tr	*
11	Inchkeith	61	52	49	0.4	Tr	6.6
	Leuchars	61	51	43	Tr	-	8.3
12	Renfrew (Abbotsl)	62	53	50	Tr	0.5	9.7
	Eskdalemuir	59	50	45	7	5	5.7
13A	Tiree	60	53	51	0.2	11	4.1
13B	Stornoway	57	51	*	2	7	2.3
15	Dalwhinnie	57	46	46	2	6	4.2
	Aberdeen	61	53	49	-	-	8.9
	Wick	61	53	*	-	0.4	*
16	Lerwick	56	50	*	-	Tr	11.3
17	Blacksod Point	(59)	53	*	5	5	*
18	Malin Head	61	50	*	Tr	2	3.2
	Aldergrove	61	52	49	3	2	6.9
	Donaghadee	62	51	*	-	2	*
19	Birr Castle	61	59	43	Tr	1	5.2
20	Valentia Obsy.†	59	54	51	8	4	2.3
	Roches Point	60	54	*	Tr	1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	c3oc	cycpr.	cbbcw	68	48	38	Tr	-	2.0	*	*	7
Croydon	217	cwm.c	cv	bcbmwbc	67	50	45	-	Tr	1.0	*	*	8
Greenwich (Royal Observatory)	149	c⊕	c⊕y	cbcwb	70	47	42	-	Tr	1.0	53	65	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1.7	*	*	*
Westminster (St. James' Park)	27	*	*	*	67	52	45	-		1.9	63	72	*
Regents Pk. (Botanic Gardens)†	168	*	*	*	68	53	46	-	-	1.9	65	72	*
Camden Square	110	c	c	*	68	53	44	-	-	*	*	71	*
Kensington	80	c	cbc	*	68	51	49	-	-	1.5	At 18h. 62	69	*
Hampstead Observatory	450	o	bcp	bc	65	50	41	-	Tr	1.9	*	84	*

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1016.3	-	0	3o	64
Brussels	1016.0	WNW	4	r.r.	61
Berlin	1019.6	-	0	3o	72
Zürich	1018.7	NNW	1	bc	66
Rome	1019.7	WNW	1	bc	70

7h. G.M.T. 19th September

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1014.1	-	0	ic	59
1012.7	SW	2	rr	59
1016.2	SE	4	b	64
1017.1	SSE	1	c	61
1018.3	-	0	f	66

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
66	59	3	23
75	57	Tr	0.6
81	59	-	-
81	59	-	Tr
*	*	-	0.2

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 19th

South Kensington. Max.	Time.	Min.	Time.
Defective		Record	

Kew Observatory. Max.	Time.	Min.	Time.
0·1	20h. 18th.	<0·1	13h. 18th.

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.

† Time observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 20th September 1934.

No. 26,600

OBSERVATIONS at 13h. G.M.T. 19th September

District	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)	°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)
1	London (Kew)	1010·9	-14	SW'w	4	c	64	65	8	1	-	2	7-8	7-8	2500
	Croydon	1011·6	-10	SSW	4	c	65	55	8	7	3	8	4-6	9	4000
	S. Farnborough	1011·1	-10	SW	4	bc	63	65	8	2	5	2	2-3	4-6	1500
	Boscombe Down	1011·0	-14	SW	3	c	60	76	7	5	-	-	10	10	2500
	Calshot, S'thmtn	1012·9	-2	SW's	4	c	61	75	8	8	-	-	9+	9+	1500
	Lympne	1012·1	-12	SW	5	bc	65	65	8	8	-	-	4-6	4-6	2500
	Manston	1011·4	-10	SW	5	bc	65	65	8	2	3	1	4-6	4-6	2500
2	Shoeburyness	1010·9	-14	SW	3	bc	68	55	8	7	6	-	4-6	4-6	4000
	Felixstowe	1010·7	-14	SW's	4	c	66	55	8	4	3	-	4-6	7-8	2500
	Gorleston	1010·0	-16	SSW	4	c	66	56	6	8	-	-	7-8	7-8	2500
	Cranwell	1008·0	-18	SW's	4	c	63	65	8	8	-	-	9	9	2500
3	Birmingham	1008·8	-8	SSW	4	ir.	57	75	5	6	-	-	10	10	1500
	Upper Heyford	1010·0	-20	SW	4	c	62	65	8	5	-	2	9	9	2500
4	Ross-on-Wye	1009·3	-6	SW	4	d.d.	57	95	6	6	-	-	10	10	2500
5	Portland Bill	1012·1	-10	WSW	6	c/pr	58	95	7	5	-	-	10	10	1500
	Plymouth	1011·5	-10	SW	5	c	60	95	7	5	2	-	4-6	10	800
	The Lizard	1012·2	-6	WSW	5	c	58	95	8	4	4	-	9	10	1500
	Scilly (St. Mary's)	1011·9	-6	W'S	5	r	58	95	6	9	-	-	10	10	1500
	Guernsey	1014·8	-4	WSW	4	pr.	58	85	7	5	-	-	10	10	2500
6	Pembroke	1006·9	-16	W	4	o.p.	58	95	6	5	-	-	10	10	1500
7	Holyhead	1004·2	-6	WSW	5	c/r	58	85	7	6	7	-	4-6	10	1500
	Chester (Sealand)	1005·9	-14	S'W	3	c	61	75	8	5	-	-	10	10	2500
8	L'pool (Bidston)	1005·2	-10	SW'w	3	c	59	85	8	9	2	-	9+	10	1500
	Manchester	1005·9	-12	SSW	4	c	58	75	6	5	2	-	7-8	10	1500
9	Harrogate	1005·0	-10	SSW	3	c	59	75	7	3	7	-	4-6	9	2500
10	Spurn Head	1006·9	-6	WSW	5	c	66	65	7	5	7	1	4-6	7-8	2500
	Catterick	1003·8	-18	SSW	4	c	60	75	7	8	7	8	4-6	7-8	2500
	Tynemouth	1002·7	-12	SW	4	c/pr	59	75	6	9	-	-	7-8	7-8	1500
11	Inchkeith	999·5	-20	SSW	4	pr.	57	85	8	8	-	-	9+	9+	2500
	Leuchars	998·3	-20	SW	3	ir.	58	85	7	5	2	-	9+	10	1500
12	Renfrew (Abbotsl.)	998·9	-4	W's	5	c/r	57	85	8	9	~~3~~	-	9+	9+	1500
	Eskdalemuir	1000·1	-14	SW	5	r.r.	54	95	6	6	2	-	9	10	800
13A	Tiree	999·1	+22	W'w	4	c	55	65	8	5	-	-	7-8	7-8	2500
13B	Stornoway	996·0	+10	WNW	3	c/pr	54	75	8	8	6	-	7-8	9	1500
15	Dalwhinnie	997·0	-4	W	3	ir	53	95	5	4	4	-	7-8	10	800
	Aberdeen	997·7	-20	S	4	r.r.	54	95	7	6	2	-	9	10	1500
	Wick	994·9	-6	SW	3	pr.	55	85	8	8	1	-	7-8	9	1500
16	Lerwick	993·9	-10	SSW	6	c/pr	54	95	7	8	2	-	7-8	9+	1500
17	Blacksod Point	1003·5	0	W	4	c.q	57	95	7	9	-	-	9+	9+	450
18	Malin Head	1000·5	+12	W	3	c	55	86	7	8	-	-	9+	9+	1500
	Aldergrove	1002·0	+6	WSW	4	c/pr	56	85	9	5	3	-	2-3	9+	1500
	Donaghadee	1001·5	-2	WNW	2	c	59	75	8	8	3	-	4-6	7-8	2500
19	Birr Castle	1005·5	+10	W	3	ir.	58	85	8	6	-	-	10	10	1500
20	Valentia Obsy.	1009·4	+6	WSW	4	id.	57	95	6	5	-	-	10	10	450
	Roches Point	1008·5	+6	NW	4	c	60	85	8	3	-	-	7-8	7-8	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)	°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)
London (Kew)	1009·7	-6	SW	3	u	59	85	7	5	7	-	2-3	10	1500	0	*
Croydon	1011·2	-2	SSW	4	r.r.	57	95	7	5	2	-	4-6	10	1500	1	*
S. Farnborough	1009·5	-12	SW's	3	c/pr	57	95	7	6	2	-	2-3	10	800	1	*
Boscombe Down	1008·9	-14	SSW	4	d.d.	56	95	6	6	-	-	10	10	800	1	*
Calshot, S'thmtn	1010·9	-12	SSW	6	dr	58	95	6	6	-	-	10	10	450	1	3
Lympne	1011·7	0	SW'w	4	c	59	75	8	5	3	-	9	9+	2500	0	§3
Manston	1010·7	-2	SW	4	c	59	75	8	5	3	-	7-8	7-8	2500	0	*
Shoeburyness	1010·3	0	SW'w	3	c	61	75	7	9	2	-	7-8	9	1500	0	*
Felixstowe	1009·4	-4	WSW	4	bc	63	55	8	4	3	2	2-3	4-6	2500	0	3
Gorleston	1008·3	-4	SSW	3	bc	66	55	7	7	-	1	2-3	4-6	4000	0	2
Cranwell	1006·4	-10	SSW	4	pr.	59	85	7	5	-	-	9+	9+	1500	1	*
Birmingham	1007·6	-8	SSW	3	id.	55	95	6	6	-	-	10	10	800	1	*
Upper Heyford	1008·4	-12	SSW	4	o/d	57	85	8	5	-	-	10	10	1500	0	*
Ross-on-Wye	1007·1	-16	SW	2	d.d.	56	95	6	6	-	-	10	10	1500	1	*
Portland Bill	1008·8	-16	WSW	6	rr	59	95	7	5	-	-	10	10	1500	1	5
Plymouth	1010·0	-4	W	3	c	58	95	8	8	2	-	7-8	10	1500	1	3
The Lizard	1011·1	0	W'S	5	c/pr	57	95	7	5	2	-	9	10	1500	1	3
Scilly (St. Mary's)	1011·4	0	WNW	5	id.	57	95	6	8	-	-	10	10	1500	1	3
Guernsey	1012·5	-14	SW	5	rr	58	95	6	6	-	-	10	10	800	1	3
Pembroke	1005·9	-2	W	4	c	58	95	7	8	-	-	9+	9+	1500	1	2
Holyhead	1004·6	+2	SW's	3	c	58	86	7	5	7	-	4-6	10	2500	1	2
Chester (Sealand)	1005·1	-2	-	0	c	57	95	6	6	2	-	4-6	9	1500	1	*
L'pool (Bidston)	1004·9	-2	W	4	c	56	95	8	6	3	-	1	9	2500	1	*
Manchester	1004·8	-4	WNW	3	ir.	56	95	5	6	2	-	7-8	10	1500	1	*
Harrogate	1004·2	-2	SW's	2	c	56	85	7	6	2	-	9	10	2500	1	*
Spurn Head	1005·0	-4	WSW	4	c	60	85	7	5	2	-	7-8	9	2500	0	3
Catterick	~~1003·8~~ 1002·8	-2	SSW	3	c	57	85	8	6	3	-	~~3~~ 2	9+	1500	0	*
Tynemouth	1002·5	+6	W	2	c/r	58	95	6	6	-	-	7-8	7-8	1500	1	1
Inchkeith	999·4	+14	SW	5	c	55	75	8	8	7	-	2-3	9+	2500	1	4
Leuchars	998·8	+8	W	4	c	55	75	9	1	3	-	Tr	9+	2500	1	*
Renfrew (Abbotsl.)	1000·8	+12	W	3	c	52	85	8	4	3	-	4-6	9	2500	1	*
Eskdalemuir	1001·4	+12	W	3	c/pr	51	85	8	5	2	-	4-6	9+	1500	1	*
Tiree	1000·4	+4	W	4	c	54	65	9	8	3	-	4-6	9	2500	1	3
Stornoway	997·3	+6	W	3	c/pr	49	95	8	8	7	-	7-8	9	1500	1	1
Dalwhinnie	1000·0	+8	W	2	bc	47	75	8	4	4	3	2-3	4-6	4000	0	*
Aberdeen	998·0	+14	W'N	1	c.q.	52	85	6	5	5	-	7-8	9+	4000	1	2
Wick	996·5	+8	WNW	3	c	50	85	8	8	7	8	4-6	9	1500	1	2
Lerwick	993·8	+4	SW	3	c/r	50	95	7	8	1	-	7-8	9+	800	1	*
Blacksod Point	1005·0	+10	W	4	c	56	95	7	9	-	-	7-8	7-8	800	1	3
Malin Head	1001·3	+2	NW'W	3	c/pr	53	95	7	8	-	-	10	10	800	1	1
Aldergrove	1002·8	+4	SW'W	2	c	55	85	8	5	7	-	9+	10	1500	1	*
Donaghadee	1002·7	+6	NW	2	c	55	85	8	9	-	-	7-8	7-8	1500	0	1
Birr Castle	1005·8	+4	W	2	c	57	85	7	8	-	-	9+	9+	2500	1	*
Valentia Obsy.	1010·6	+8	W's	4	c/pr	56	85	7	9	-	-	9	9	1500	1	3
Roches Point	1008·7	+8	NW	4	c	58	85	8	3	-	-	7-8	7-8	2500	1	4

PAST 24 HOURS.

Stations.	Weather. 7h.–13h. 19th. (37)	Weather. 13h.–18h. 19th (38)	Weather. 18h. 19th to 1h. 20th (39)	Weather. 1h.–7h. 20th (40)
London (Kew)	bcc	cyr.c	c or	c
Croydon	bcpr.bccy	bcyprs cr.	r.r.dr.	bc c
S. Farnborough	bcm.bcv	bcvp.cir.	cir ir.	cir.m.
Boscombe Down	bcw m.	prod.	od.d.ir	cir.
Calshot, S'thmtn	cprcbc	cir.qrd	orr cr.	c
Lympne	cbc	bye	corr f	or.f.c
Manston	bcm.abc	bcbyc	*	cr.c.c
Shoeburyness	cbcy	bcc	cr	crm.
Felixstowe	bcy	bcy	bcy or.s	or.RRc
Gorleston	bcq	cbcqy	cor.q	or ir.
Cranwell	bcc	cpr.c	circ	cr.m.
Birmingham	bcc	c.c.id.	id.b.c	c
Upper Heyford	rcc d.c	cr.od.	crr r.	c d.
Ross-on-Wye	c.b.c.c.od	d.od.r.	d.c.id.	c
Portland Bill	opr	orr	opr.c	c
Plymouth	cir.d.m.	cid.r.r.	cir. id	cid pr.
The Lizard	pr.c	crrpr	cpr.q	cq pr.
Scilly (St. Mary's)	p.q.d.	cri d.	id.p.q	c.b.c.c
Guernsey	cprbc	oir	cirpr	c
Pembroke	cq pr.c	cq pr.c	cq pr.c.q	c
Holyhead	d.d.m.	cd.c	cd.c	c
Chester (Sealand)	cir.	cir.oir	c R r.c	bc cpr.
L'pool (Bidston)	cir.c	rcir.	p. ccr	ir c cr
Manchester	cr.c	cd.d r.	cr.c.pr	cr.
Harrogate	cp.	c	c b c p	c b c p
Spurn Head	bcc	bc	cw	cprdf
Catterick	c	c.d.c	c	cir.
Tynemouth	bcp.	coir	cp	or.c.c
Inchkeith	cpr.	cpr.	c b c	c b c
Leuchars	cwcir.	cr.c.v	cir.b.c.w	c b c w
Renfrew (Abbotsl.)	or.r.m.c	q.p.r.c.p.r	c.b.c.w	b.c.w.b
Eskdalemuir	c.c.r.r.	r.r.c.p.r	c	b.c.w
Tiree	orr.c	c	c	pr
Stornoway	cpr	cpr	cpr.	bc pr.
Aberdeen	cir	cir	*	ir
Wick	cr.r.c	ck.q.PR.c	c b c b	bb.c.p.bc
Lerwick	r.o.pr.	cpr.o.c	c	c bc
Blacksod Point	cir.pr.	cir.ir.	cir.pr.bc	bc
Malin Head	cir.c	PR.c	PRC	p.b.c
Aldergrove	cpr	c.P.R	cpr	c
Donaghadee	or.c.p.r.	c.c.ir.	c	cr. PR
Birr Castle	o.ir.c	cpr.o.c	c	cpr.c
Valentia Obsy.	o.ir.	cir.o.c	cpr.c	c
Roches Point	p.r.i.d.	id.o.p.c	pr.o.ir	o.ir.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s., slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s./k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
v, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity; thus.
R, heavy rain. r., slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊖ lunar halo. ⸗ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

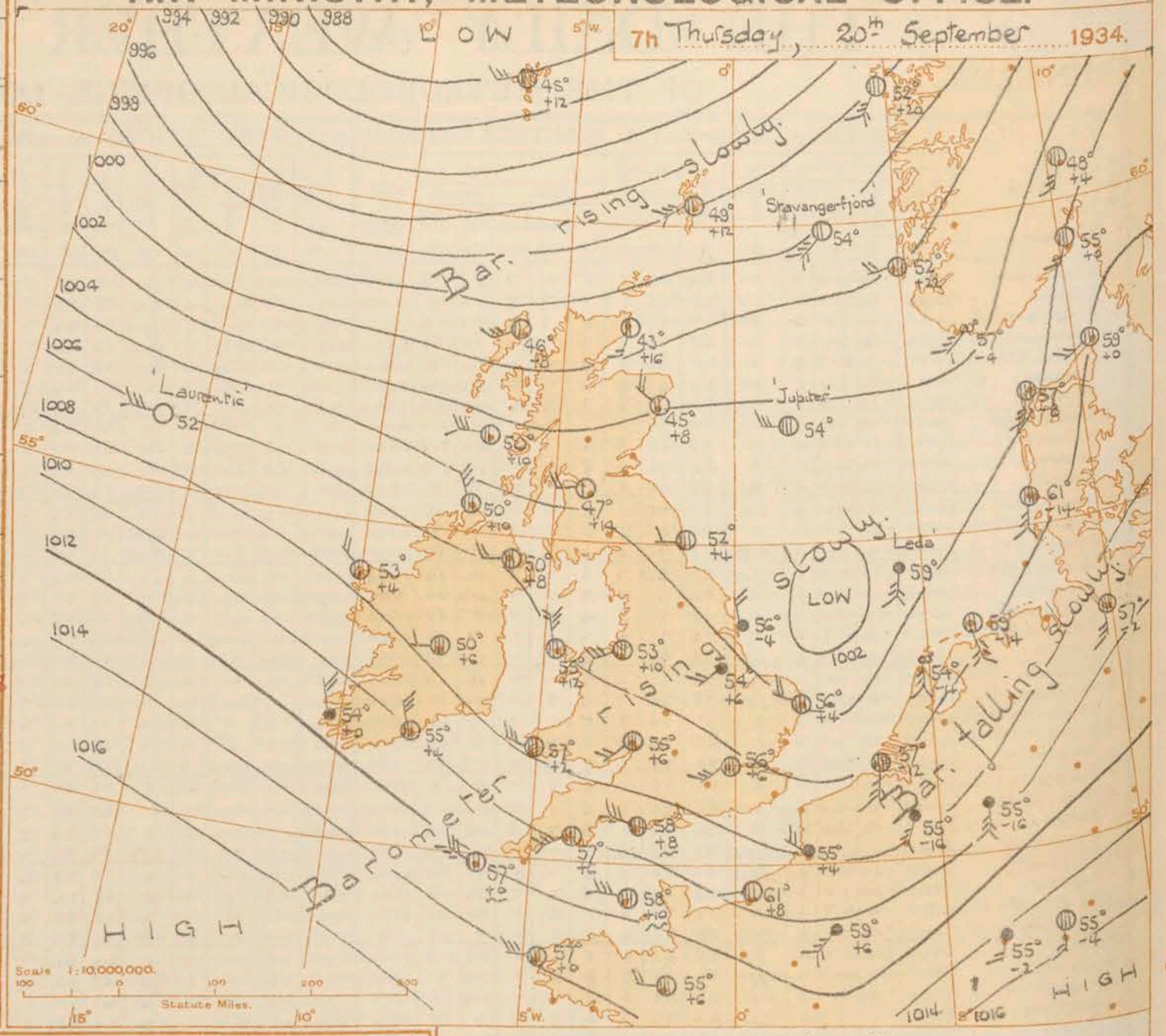
REPORTS from HEALTH RESORTS for 19th September 1934.

Dist.	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
1	Tunbridge W.	bbcop	bco	45	67	—	Trace	8·0	0·7
	Bournemouth	bc	odo	54	62	0·3	0·3	2·9	3·1
	Ventnor ...	opbc	ouv	57	62	2	2	3·4	2·2
	Southsea ...	bbc	cor	56	65	0·2	2	3·1	2·1
	Bognor Regis	bc	bcoir	55	65	Trace	1	6·0	2·0
	Littlehampton	bcpbc	bcer	50	65	1	0·5	5·5	1·3
	Worthing ...	bccb	bccor	53	65	—	0·3	5·9	1·5
	Brighton ...	bc	cre	54	65	Trace	Trace	6·7	1·2
	Eastbourne†	bc	bce	56	65	—	—	8·3	0·1
	Hastings† ...	bccbc	bcc	52	67	—	—	8·8	0·7
	Folkestone ...	bcb	bbc	53	66	—	—	7·6	0·8
	Dover... ...	bc	bcbbc	56	66	0·2	—	7·6	0·3
	Deal	cobc	cb	52	67	1	—	7·6	0·7
	Ramsgate ...	bc	bcpbc	56	66	0·4	Trace	7·0	0·7
	Margate ...	bc	bc	55	68	—	—	8·0	1·3
2	Southend ...	bbc	cbcc	53	71	Trace	—	7·2	0·4
	Maldon ...	b	bbcc	47	70	—	—	8·1	1·0
	Clacton-on-Sea	bccbc	bc	55	68	—	—	6·9	0·7
	Dovercourt ...	wbc	bcv	52	68	—	—	7·0	1·5
	Lowestoft ...	cbc	b	51	68	—	—	6·1	2·9
	Skegness ...	obc	bco	49	65	0·4	0·4	3·9	6·3
	Mablethorpe	cbc	bbc	48	66	0·3	—	4·7	6·8
	Cleethorpes ...	c	co	48	64	—	—	3·8	6·7
3	Leamington S.	cbc	cog	50	63	—	—	2·3	6·1
4	Cheltenham†	bcc	coipo	51	61	Trace	Trace	2·0	5·7
5	Bath	bbcc	civo	52	64	—	Trace	3·4	5·4
	Weymouth ...	cbcpo	ccpoc	56	65	1	Trace	1·8	4·6
	Jersey ...	bcc	ccr	56	62	—	2	2·2	3·5
	Torquay ...	pwbcc	oirc	52	61	0·2	2	1·7	4·0
	Penzance ...	cbc	crro	53	61	0·3	4	0·1	8·0
	St. Ives ...	p	p	54	59	1	3	0·0	8·7
	Bude	co	od	50	60	0·3	2	0·0	8·6
	Ilfracombe ...	or	rr	54	61	5	6	0·0	6·3
6	Aberystwyth	prc	rrc	53	61	1	3	0·0	8·1
7	Llandudno ...	c	cpDc	53	59	0·4	0·4	0·0	8·0
	Colwyn Bay...	c	cpc	55	61	—	0·3	0·2	8·1
	Rhyl	c	cido	49	61	—	0·4	0·0	10·5
8	Wallasey ...	coir	oir	51	60	Trace	1	0·0	6·8
	Southport‖ ...	or	oro	50	58	0·1	3	0·1	9·0
	Blackpool ...	opd	opc	52	59	0·2	3	0·0	10·4
	Morecambe ...	c	orc	50	60	1	2	0·0	8·9
9	Ilkley... ...	c	copo	50	59	—	1	0·0	8·9
10	Berwick-on-T.	o	ocro	49	61	—	0·2	1·0	9·1
11	Dunbar ...	cro	c	52	61	Trace	—	1·1	7·4
12	Troon... ...	rocrc	crcr	53	57	2	1	0·0	10·1
	Douglas ...	oirm	ccb	51	59	2	2	0·1	7·4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 20th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th September, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate westerly wind, backing later; mainly cloudy, slight local showers, perhaps more general rain tomorrow; rather cool.
5. S.W. England. 6. South Wales 7. North Wales	Moderate or fresh west or northwest wind, backing later; cloudy, slight local showers, general rain later; rather cool.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate westerly wind, backing later; bright intervals, local showers, perhaps general rain tomorrow; rather cool.
13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate or fresh westerly wind; showers and bright intervals; rather cool.
17. N.W. Ireland 18. N.E. Ireland	As 8 - 12.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ 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. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⱦ Thunderstorm. ∞ Slight haze.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low to the north of the Faeroes and another secondary disturbance is approaching on the Atlantic. There will only be local showers today, but rain of a more general type is probable in most districts later.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 0925 G.M.T.

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

H.M. Stationery Off. & Press, Kingsway, W.C.2.

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

Morning of
THURSDAY
20th September.
1934.

⊕ Tropical disturbance moving NW.

Clarke's Projection Scale 1:4 x 10⁷ along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 20th September 1934.

No. 26,600

OBSERVATIONS at 1 hr. G.M.T. 20th September

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1007.7	-10	W'S	3	c/d	57	95	7	5	—	—	7-8	7-8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1006.7	-34	SSW	5	rf	57	95	3	5	—	—	10	10	<150
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1006.1	-14	S	4	rr	56	95	5	6	—	—	10	10	800
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1006.9	-6	W	5	c	59	85	7	4	—	—	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1011.2	+2	W'N	5	q	56	95	8	8	6	—	2-3	4-6	1500
	Scilly (St. Mary's)	163	1012.5	+4	NW	5	c/pr	56	95	7	9	—	—	9+	9+	800
	Guernsey ...	175	1013.2	-6	W'N	5	c	57	85	8	8	—	—	10	10	1500
6	Pembroke ...	142	1007.5	+2	W	3	q	57	85	7	8	—	—	9+	9+	2500
7	Holyhead ...	26	1004.9	+4	W'N	5	c	57	85	8	7	2	—	4-6	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1004.4	-2	WSW	3	bc	56	95	7	5	7	—	4-6	4-6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1003.0	+6	W	2	o	54	85	7	5	—	—	10	10	1500
11	Inchkeith ...	190	1002.0	+4	SW	5	bc	51	95	8	4	4	—	1	2-3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	3984	+6	W	3	c/pr	46	85	7	8	7	—	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	997.9	+2	W	2	c	47	95	8	8	1	—	4-6	7-8	1500
16	Lerwick ...	54	994.4	+2	WSW	3	bc/pr	48	85	8	8	3	—	4-6	4-6	1500
17	Blacksod Point	18	1006.5	+4	W	3	c	54	95	8	5	—	—	10	10	1500
18	Malin Head ...	52	1003.1	+6	NW	3	c/pr	52	95	7	8	—	—	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1010.3	0	WNW	5	c/pr	54	95	7	8	—	—	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 20th September

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)
1006.9	+10	W'S	3	c	57	86	7	5	3	—	4-6	7-8	1500	1	*
1007.2	+6	WSW	3	c	56	85	8	5	—	—	9+	9+	4000	1	*
1007.3	+12	W'S	3	i/o	55	95	7	5	—	—	9+	9+	1500	1	*
1007.6	+10	W	3	c	54	95	7	5	—	—	9+	9+	5700	1	*
1007.8	+8	W'S	3	c	56	95	8	8	—	—	9+	9+	2500	1	2
1006.9	+10	W'N	3	c	55	95	7	5	—	—	9+	9+	1500	1	§2
1005.7	+10	W	3	c	56	95	6	5	—	—	10	10	1500	1	*
1006.0	+8	W'S	2	c	58	95	6	8	—	—	10	10	4000	1	*
1005.0	+10	WNW	4	c	57	85	7	5	—	—	9	9	1500 1500	1	2
1003.9	+4	W'N	2	c/r	56	95	6	9	—	—	9+	9+	~~450~~	1	2
1004.8	+6	WSW	2	i/o	54	95	6	5	3	4	4-6	7-8	1500	1	*
1006.3	+6	WSW	2	c	55	95	6	5	—	—	9	9	2500	1	*
1006.4	+8	W	3	c	54	95	8	5	—	—	9	9	4000	1	*
1007.1	+6	W'S	2	c	55	85	8	8	7	9	7-8	9	4000	1	*
1008.0	+8	WNW	5	c	58	85	7	5	—	—	10	10	1500	1	4
1010.4	+6	W'S	4	c/pr	57	95	8	8	1	—	7-8	9+	800	1	3
1011.8	+4	W	5	c	57	95	8	8	—	—	9+	9+	2500	1	3
1012.3	0	WNW	6	c	57	95	7	8	7	—	7-8	9+	2500	1	4
1011.6	+10	WNW	4	c	58	85	7	8	3	—	4-6	9	2500	1	4
1007.7	+2	WNW	3	c	57	85	7	4	6	1	4-6	7-8	4000	1	2
1006.0	+12	NW'W	5	c	55	85	8	8	3	2	4-6	7-8	2500	1	3
1005.8	+10	W	4	c/p	53	85	6	9	3	4	4-6	7-8	1500	1	*
1005.3	+8	W'N	4	c/p	53	95	8	8	—	4	7-8	9	2500	1	*
1005.1	+8	NW	3	i/o	53	95	5	6	2	—	7-8	9+	1500	1	*
1004.2	0	SW	1	c	52	95	7	6	2	—	9	10	2500	1	*
1003.3	-4	NW	2	d/f	56	95	2	5	—	—	10	10	450	1	1
1004.0	+10	—	0	i/o	51	95	7	6	2	—	4-6	9+	2500	1	*
1003.5	+4	W	1	c	52	85	6	4	—	—	7-8	7-8	4000	1	1
1002.4	+6	SW	3	c	51	85	8	8	7	6	4-6	9	2500	0	2
1002.9	+10	SW	1	bc	47	95	9	5	—	—	4-6	4-6	5700	1	*
1003.5	+14	WNW	2	b	47	85	8	8	—	—	1	1	4000	1	*
1004.3	+14	—	0	bc	45	95	8	5	7	—	4-6	4-6	1500	1	*
1003.4	+10	W'N	4 3	bc	50	75	8	8	4	—	4-6	4-6	2500	1	3
999.8	+8	WSW	3	bc	46	85	8	8	6	—	2-3	4-6	1500	1	1
*	+14	SW	1	c	44	85	8	4	2	—	2-3	7-8	2500	1	*
1002.1	+8	NW'W	2	bc	45	95	8	5	4	—	1	2-3	4000	1	1
998.8	+16	SW	2	bc	43	85	8	7 8	8 6	—	2-3	4-6	1500	1	2
996.0	+12	WSW	4	bc	49	75	8	8	8	—	4-6	4-6	1500	1	*
1007.9	+4	NW	2	c	53	95	8	5	3	—	4-6	7-8	800	1	2
1004.4	+10	NW	4	c	50	95	8	8	—	—	9	9	1500	1	1
1006.0	+8	W	2	c	50	85	8	5	—	—	9+	9+	1500	1	*
1005.4	+8	WNW	2	c	50	85	8	8	3	—	4-6	7-8	1500	1	1
1007.9	+6	W	1	c	50	95	8	5	—	—	9	9	2500	1	*
1010.6	0	NW'W	2	i/o	54	95	5	8	—	—	10	10	450	1	3
1010.2	+4	NW	3	c	55	96	8	3	—	—	7-8	7-8	2500	1	3

PAST 24 HOURS.

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)
65	56	54	Tr	2	6.6
66	56	54	0.2	1	7.0
66	54	52	0.1	2	4.3
62	53	51	0.1	1	3.5
65	55	54	3	2	3.2
66	54	53	—	4	8.3
68	55	53	—	3	7.4
69	55	54	—	3	8.0
67	55	54	—	4	6.7
68	55	54	—	3	5.4
65	53	50	Tr	0.3	3.5
59	53	51	Tr	0.3	1.3
64	53	50	Tr	2	*
59	54	52	0.6	0.3	1.0
61	50	*	1	2	*
60	56	52	2	0.2	0.2
59	55	*	5	0.3	*
59	55	*	2 ~~0.2~~	0.5	0.0
61	56	53	1	4	1.1
59	56	*	1	Tr	0.0
60	55	53	0.4	0.1	0.0
62	53	48	0.2	2	0.2 ~~0.2~~
59	52	50	1	2	~~0.0~~
59	52	48	3	3	0.2
60	52	50	Tr	1	0.5
66	55	*	—	0.3	0.0
61	50	48	Tr	0.2	0.8
59	49	46	0.1	—	0.0
60	42	32	0.2	—	0.6
58	46	41	1	—	0.0
55	43	38	1.0	0.1	—
57	48	42	2	1	1.1
*	2	0.4	1.7		
54	42	38	1	1	0.7
57	43	35	2	0.1	0.0
*	1	—	*		
56	42	*	1	—	0.0
55	47	*	3	1	*
59	50	*	2	0.4	*
56	49	*	4	1	0.1
59	47	45	0.3	1	0.3
61	48	*	1	0.3	*
59	50	48	3	1	0.7
58	54	53	0.6	4	0.0
61	59	*	1	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	bcc	cy r/c	c c/r c	65	56	54	Tr	2	6.6	*	*	7
CROYDON	217	bc p/c bcc	bc p r/c r/c	r/c d d r/c	66	56	54	0.2	1	7.0	*	*	7
GREENWICH (Royal Observatory) ...	149	bc p/c	c/r	r r r c	69	56	52	0.3	2	6.7	51	82	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.3	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	66	56	53	1		7.2	64	83	*
REGENTS PK. (Botanic Gardens) ...	108	*	*	*	67	56	54	Tr	2	6.9	63	94	*
CAMDEN SQUARE	110	c	c bc cp	*	67	56	54	0.4	2	*	*	82	*
KENSINGTON	80	bc	bc p	bc c or	67	56	53	Tr	1	6.9	At 18h. 84	85	*
HAMPSTEAD OBSERVATORY	450	bc	bc p	or	64	52	49	Tr	2	7.0	*	94	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 20th

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
Defective Record			

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
02	02h	<01	19-24h 19th.
	20th		

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	1015.3	SW	2	c/p	59	1010.7	NNW	5	PR	59	68	57	2	6
BRUSSELS	1012.3	S	3	r	59	1006.7	S'W	4	r/o r/o	55	63	52	8	4
BERLIN	1011.6	SE	4	bc	73	1012.0	W	3	c 7/o	61	81	59	—	Tr
ZURICH						1017.0	SE	1	bc	52		50		6
ROME	1016.2	WSW	2	c	70	1013.9	SE	5	c	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 ,,	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.

† Hr. observations are from Valentia W/T station. : Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 21st September 1934.

No. 26601

OBSERVATIONS at 13h. G.M.T. 20th September

District	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 0-8 (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)
1	London (Kew)	1008·5	+6	W	3	pr$_o$	59	75	7	8	–	–	10	10	2500
	Croydon	1008·2	−2	SW	4	c	62	65	8	5	7	–	7-8	7-8	1500
	S. Farnborough	1008·6	+2	SW'W	3	c/r	61	75	7	8	8	–	4-6	9+	2500
	Boscombe Down	1009·0	+2	W'S	4	c/pr	58	75	7	5	–	–	9+	9+	1500
	Calshot, S'thmtn	1009·2	+2	SW	3	c	64	65	8	8	7	–	7-8	9+	2500
	Lympne	1008·7	+10	W'S	5	c	62	65	8	4	3	–	4-6	9+	2500
	Manston	1007·4	+6	WSW	4	c	62	65	7	5	–	–	9	9	2500
2	Shoeburyness	1007·2	+4	W'N	3	c	63	65	7	9	1	–	9	9	2500
	Felixstowe	1006·7	+10	W'S	4	c/r	62	65	8	8	3	–	4-6	7-8	1500
	Gorleston	1005·0	+~~7~~	W	3	c	58	85	6	8	–	–	10	10	2500
	Cranwell	1005·8	+2	WSW	4	c	62	65	7	8	–	–	7-8	7-8	2500
3	Birmingham	1007·3	+2	WNW	3	c	58	65	8	8	–	–	7-8	7-8	2500
	Upper Heyford	1007·8	+2	W'S	3	c/r	61	65	8	8	–	–	9	9	4000
4	Ross-on-Wye	1008·2	+4	W	3	c	59	75	9	8	7	–	7-8	9	4000
5	Portland Bill	1009·3	+6	WNW	5	c	62	75	7	4	–	–	7-8	7-8	2500
	Plymouth	1011·3	+6	W'N	4	c/pr	57	95	8	8	–	–	9+	9+	1500
	The Lizard	1012·4	0	W'S	5	c/p	58	85	8	8	6	–	7-8	9	2500
	Scilly (St. Mary's)	1012·8	0	WNW	5	c/pr	58	85	7	8	7	–	7-8	7-8	2500
	Guernsey	1012·8	+6	WNW	4	c	60	85	7	8	–	–	10	10	2500
6	Pembroke	1008·4	+4	W	2	c	59	75	~~8~~ 7	4	8	–	4-6	7-8	4000
7	Holyhead	1007·7	+6	WNW	4	bc	58	65	8	7	3	–	2-3	4-6	4000
	Chester (Sealand)	1007·1	+6	NW'N	4	c/p	56	75	8	8	–	–	9	9	2500
8	L'pool (Bidston)	1007·5	+4	WNW	4	c/pr	55	85	8	8	–	–	9+	9+	2500
	Manchester	1006·4	+8	NW	4	c	57	75	8	9	3	–	4-6	7-8	1500
9	Harrogate	1005·7	+6	WSW	1	pr$_o$	55	85	8	3	2	–	9	10	2500
10	Spurn Head	1004·7	+4	N	3	c/r	57	85	6	6	2	–	7-8	10	1500
	Catterick	1005·3	+8	W'N	2	c	60	55	8	8	7	–	7-8	9	4000
	Tynemouth	1004·7	+2	W	2	c	58	85	8	4	–	–	7-8	7-8	4000
11	Inchkeith	1004·4	+6	W	4	c	54	65	8	8	–	–	7-8	7-8	2500
	Leuchars	1003·3	−4	WSW	3	bc	60	45	9	8	6	–	4-6	4-6	4000
12	Renfrew (Abbotsl.)	1004·4	+2	W'N	3	c	55	65	9	2	–	–	7-8	7-8	4000
	Eskdalemuir	1003·8	0	WSW	3	c	53	55	9	5	–	–	9+	9+	2500
13A	Tiree	1002·7	−2	~~SSW~~ W	4	pr$_o$	53	75	8	8	6	–	4-6	7-8	2500
13B	Stornoway	999·9	−2	W	3	c	54	65	8	8	7	–	4-6	7-8	1500
15	Dalwhinnie	1003·1	0	S	2	c	53	65	8	4	4	3	2-3	7-8	4000
	Aberdeen	1003·4	−2	SW'W	2	bc	57	55	8	7	–	–	4-6	4-6	4000
	Wick	999·8	+2	W	4	bc	57	65	8	7	–	–	4-6	4-6	2500
16	Lerwick	997·1	+4	WSW	5	c/pr	49	95	8	8	7	–	4-6	7-8	1500
17	Blacksod Point	1003·4	0	NW	3	c	56	85	8	5	7	–	2-3	9	4000
18	Malin Head	1005·2	0	W	4	c	55	95	8	2	–	–	7-8	7-8	1500
	Aldergrove	1005·0	0	WSW	4	c	54	65	9	8	3	–	9	9+	1500
	Donaghadee	1006·4	+6	WNW	2	bc	56	65	8	8	3	–	4-6	4-6	1500
19	Birr Castle	1003·6	−2	W	2	c	59	75	8	8	–	–	1	9	2500
20	Valentia Obsy.	1011·4	+6	W'N	4	bc	58	85	8	2	–	–	4-6	4-6	1500
	Roches Point	1010·0	−2	NW	3	c	60	75	8	3	–	–	7-8	7-8	2500

OBSERVATIONS at 18h. G.M.T. 20th September

District	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 0-8 (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. 0-8 (30)
1	London (Kew)	1009·6	+10	WSW	2	c	59	75	6	8	–	–	10	10	2500	0	*
	Croydon	1009·5	+4	SW'S	1	c	58	85	6	8	7	–	2-3	9+	4000	1	*
	S. Farnborough	1009·7	+12	W'S	2	c/r	57	75	7	8	–	–	9	9	4000	1	*
	Boscombe Down	1010·0	+12	W'N	3	c	57	85	7	5	–	–	9+	9+	1500	1	*
	Calshot, S'thmtn	1010·3	+6	WSW	3	pr$_o$	60	75	8	8	–	–	9+	9+	1500	1	1
	Lympne	1010·1	+10	WNW	2	c	58	75	7	5	3	–	1	9	2500	1	§3
	Manston	1008·9	+8	WSW	3	c	58	75	7	5	–	–	9	9	5700	0	*
2	Shoeburyness	1009·1	+10	W'S	1	pr	59	85	5	8	–	–	9+	9+	4000	0	*
	Felixstowe	1008·4	+12	W	2	c/pr	59	75	8	8	3	–	7-8	9	2500	1	1
	Gorleston	1006·8	+6	SW'W	3	c	58	75	6	5	–	–	7-8	7-8	2500	1	2
	Cranwell	1008·0	+10	W	2	c	55	75	6	7	–	–	7-8	7-8	4000	1	*
3	Birmingham	1009·5	+10	NW	2	c	54	85	7	5	–	–	9+	9+	2500	1	*
	Upper Heyford	1009·3	+10	W	3	c	56	75	8	4	–	–	9+	9+	5700	1	*
4	Ross-on-Wye	1009·5	+8	W'N	2	c	56	65	9	5	–	–	9+	9+	4000	1	*
5	Portland Bill	1010·0	+10	WNW	4	c	59	85	7	4	–	–	7-8	7-8	2500	1	4
	Plymouth	1011·2	+2	W	4	pr$_o$	59	85	7	8	–	–	9+	9+	1500	1	2
	The Lizard	1012·4	−2	W'N	5	c	57	95	8	8	6	–	7-8	9	2500	1	3
	Scilly (St. Mary's)	1012·7	0	NW'W	6	bc	58	85	7	3	6	–	4-6	4-6	2500	1	4
	Guernsey	1013·2	+2	W'N	4	r	57	95	7	6	–	–	10	10	1500	1	3
6	Pembroke	1009·1	+2	W	3	c	58	85	8	5	7	~~6~~ –	4-6	9+	4000	0	2
7	Holyhead	1007·9	0	SW	3	c	56	65	8	5	–	–	9+	9+	5700	1	1
	Chester (Sealand)	1008·7	+4	W'N	2	c	55	65	8	8	–	6	4-6	7-8	4000	1	*
8	L'pool (Bidston)	1008·3	+4	WNW	3	c	52	65	8	8	9	2	4-6	7-8	2500	1	*
	Manchester	1008·2	+12	WNW	3	bc	52	75	7	4	3	2	4-6	4-6	4000	1	*
9	Harrogate	1007·0	+6	SW	3	c	52	75	9	8	–	–	9+	9+	2500	1	*
10	Spurn Head	1006·7	+4	NW	1	c	56	95	6	5	2	–	4-6	7-8	2500	1	1
	Catterick	1006·3	+6	WSW	2	c	53	65	8	5	–	–	7-8	7-8	4000	0	*
	Tynemouth	1004·9	+4	SSE	2	c	55	65	6	4	–	–	7-8	7-8	4000	0	1
11	Inchkeith	1004·2	0	W	4	c	54	65	8	8	4	–	7-8	7-8	2500	0	2
	Leuchars	1003·3	0	WSW	3	c	53	65	8	8	6	–	4-6	7-8	2500	1	*
12	Renfrew (Abbotsl.)	1004·4	0	WNW	3	c/pr	51	85	8	8	–	–	7-8	7-8	2500	1	*
	Eskdalemuir	1005·2	+2	W	2	bc	49	65	8	5	–	–	4-6	4-6	2500	1	*
13A	Tiree	1003·3	−2	WNW	4	c/p	51	75	9	8	5	–	9	9+	2500	1	4
13B	Stornoway	1000·1	0	WSW	3	bc/pr	48	85	8	8	7	–	2-3	4-6	1500	1	1
15	Dalwhinnie	1003·5	−4	SW	2	c/r	45	85	8	4	4	–	7-8	10	2500	1	*
	Aberdeen	1003·1	−2	WNW	1	c	49	95	8	8	–	–	7-8	7-8	4000	1	1
	Wick	1000·2	+4	WSW	3	c	49	75	8	8	7	3	4-6	7-8	1500	0	2
16	Lerwick	997·7	+6	W	4	pr$_o$	49	85	8	8	7	–	4-6	7-8	1500	1	*
17	Blacksod Point	1008·7	+8	W	3	bc	55	75	8	4	6	–	4-6	4-6	2500	0	3
18	Malin Head	1005·0	0	W	4	c/pr	51	95	8	3	–	–	7-8	7-8	1500	1	2
	Aldergrove	1005·9	−2	WSW	4	c/pr	52	85	8	8	8	–	9	9+	1500	1	*
	Donaghadee	1006·5	0	W	2	c/p	54	85	8	5	2	–	4-6	7-8	1500	0	1
19	Birr Castle	1009·3	+4	W	1	c	56	75	8	5	–	–	9+	9+	2500	1	*
20	Valentia Obsy.	1012·2	+2	WNW	3	c/r	55	86	8	5	–	–	9+	9+	1500	1	3
	Roches Point	1010·7	+10	NW	4	c	60	75	8	3	–	–	7-8	7-8	2500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 20th (37)	13h.–18h. 20th (38)	18h. 20th to 1h. 21st (39)	1h.–7h. 21st (40)
cpr$_o$	c$_{y_o}$	c$_{3_o}$	c
r$_{s_o}$d$_{o_c}$	cpr$_o$m$_{o_c}$	cm$_{o_c}$	c
r$_{o_c}$c$_{c_o}$r$_o$	c$_{ir_o}$c$_{v_{r_o}}$	ccm$_o$	cm$_o$w$_o$c
cprc	cpr$_o$c	c	o$_i$d$_o$c
c	cpr$_o$c	c$_{pr_o}$c	ebc·c
cr$_o$c	cpr$_o$c	bccbcw	cwbcc
c	cpr$_o$c	c	c
bcc	c	cpr$_o$	c
c$_{ir_o}$	c$_{yepo}$c	cpr$_o$c	c$_{3_o}$
c$_{ir_o}$c	cpr$_o$c	cbcc	bccpr
c$_{r_o}$c	c·c$_{y_o}$	cbmw	bmcw
bcc	c	cpr$_o$	c
c$_{ir_o}$c	c$_{pr_o}$c	c	cm$_o$
c	prepro	c	c
id$_o$cpr	cpr	cpr$_o$b	b·cd$_o$
cpr$_o$c	cpr$_o$c	cpr$_o$c	c
cd$_o$p$_o$	p$_o$gbc	bcc	cbcc
c$_{ir}$	c$_{ir}$	cbc	bccpr
c	c	c	cpr$_o$c
cjp	bcvc	bcc	c
cpr$_o$v	cbcyc	cbc	bcjp
crcpc	cp$_o$vc	cbccr	rcirc
pr$_o$bc	cpr$_o$	p$_{ipr}$	cpr$_o$
c$_{po}$	c	cbc	cbcp
c$_{ir_o}$	prc	bc	o
c$_{ir_o}$cy	cyc	cbc	bc
c	c	cbcp$_o$	bc
cbc	cbc	cbc	cbc
bcy	cpr$_o$c	cbcbw	bw
bccpr$_o$	cpr$_o$c	cPRbc	bcbcw
bccvy	vpr$_o$bc	cpr	cprbw
bcpr	PRy	pcybc	ir$_o$
bccpr$_o$	cprbc	bcpr$_o$c	cbccpr
ir	ir	ir	ir
bbcy	bcycpr	bcbcw	bbcw
bc	bcc	cbc	bc
bccpr$_o$	cpr	cpr	bccpr
c	bc	bcc	c
c$_{ir_o}$	bccir$_o$c	c	cbccc
c	cpr$_o$c	c	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⁿᵉ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; −, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

0 No low clouds.
1 Fair weather Cu.
2 Large Cu without anv'l.
3 Cu-Nb.
4 St-Cu formed by the spreading out of Cu.
5 Layer of St or St-Cu.
6 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb.–St).
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.

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

§ Sea disturbance reported from Dungeness.

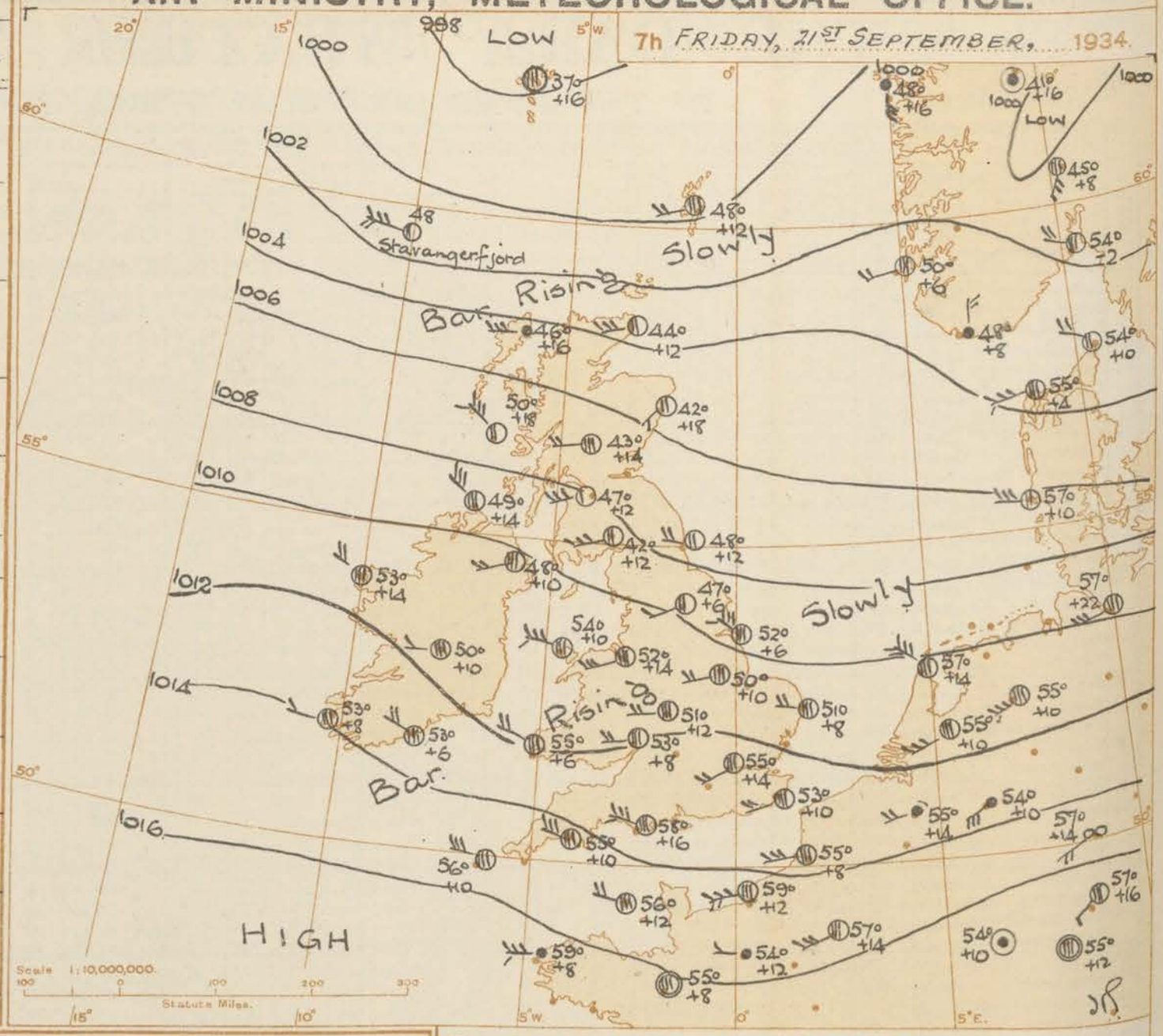
REPORTS from HEALTH RESORTS for 20th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	coc	ocloc	54	61	5	Trace	0·1	8·0
	Bournemouth	cdc	ocdc	55	66	2	1	2·5	2·9
	Ventnor ...	orou	ocloc	57	63	9	Trace	1·8	3·4
	Southsea ...	bcc	opcb	56	63	5	0·2	1·6	3·1
	Bognor Regis	bccbc	cirbc	55	64	3	Trace	1·0	6·0
	Littlehampton	c	cpc	56	63	7	2	0·9	5·5
	Worthing ...	cp	copc	56	62	9	1	0·5	5·9
	Brighton ...	c	c	56	63	7	—	0·8	6·7
	Eastbourne†	o	orcco	56	63	6	Trace	0·2	8·3
	Hastings† ...	cbc	bcc	55	64	5	—	1·1	8·8
	Folkestone ...	oc	erc	56	63	9	Trace	0·8	7·6
	Dover... ...	cpc	cbcc	57	66	8	Trace	0·5	7·6
	Deal	rc	occo	55	64	6	—	0·1	7·9
	Ramsgate ...	c	c	56	64	4	—	0·2	7·0
	Margate ...	c	cdc	56	64	5	Trace	0·2	8·3
2	Southend ...	oc	cory	56	64	2	Trace	0·3	7·2
	Maldon ...	oc	cbcc	55	65	2	—	1·0	8·1
	Clacton-on-Sea	cbc	bc	56	63	5	—	1·0	7·3
	Dovercourt ...	roc	bcpbc	54	64	5	Trace	2·4	7·2
	Lowestoft ...	c	c	55	64	3	—	0·4	6·1
	Skegness ...	orbco	obco	53	60	0·4	Trace	0·3	3·9
	Mablethorpe	or	ocr	53	60	3	1	0·0	4·7
	Cleethorpes...	moirc	oir	52	59	2	2	0·1	3·8
3	Leamington S.	bcc	bcc	53	64	1	—	2·4	2·3
4	Cheltenham†	cbcc	circ	53	60	1	2	0·5	2·0
5	Bath	cbc	cbcp	55	64	1	0·3	2·1	3·4
	Weymouth ...	cpc	cpc	56	66	2	2	1·5	1·8
	Jersey ...	rc	pc	58	62	3	0·5	0·5	2·2
	Torquay ...	pcbc	corpc	56	65	0·2	3	3·0	1·7
	Penzance ...	rcpc	bcbrc	56	61	1	2	0·7	0·1
	St. Ives ...	p	p	55	59	3	8	~~0·0~~5	0·0
	Bude	c	ocloc	56	60	1	Trace	0·3	0·0
	Ilfracombe ...	cdc	bcc	56	61	3	0·2	1·7	0·0
6	Aberystwyth	prc	cprc	53	59	2	1	0·0	0·0
7	Llandudno ...	crc	ccloc	53	58	5	Trace	1·6	0·0
	Colwyn Bay...	cpbcc	bcpbc	51	58	4	1	1·1	0·2
	Rhyl	cprbc	bccpr	53	58	3	1	3·5	0·0
8	Wallasey ...	opc	bcc	54	60	2	Trace	1·2	0·0
	Southport‖ ...	rocc	oc	54	59	6	—	0·7	0·1
	Blackpool ...	opc	cpc	52	58	27	2	0·9	0·0
	Morecambe ...	cbcc	cbc	53	58	3	Trace	0·4	0·0
9	Ilkley	c	c	51	59	5	—	1·0	0·0
10	Berwick-on-T.	bc	cbc	46	57	Trace	—	4·1	1·0
11	Dunbar ...	bc	bc	47	58	—	—	7·0	4·1
12	Troon... ...	cbcvb	bcbcv	51	58	—	—	5·0	0·0
	Douglas ...	cb	cb	50	58	2	—	1·8	0·4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h FRIDAY, 21ST SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate west wind, backing southwest or south, perhaps freshening tomorrow; mainly cloudy, slight local showers, perhaps rain tomorrow; rather cool.
4. W. Midlands 5. S.W. England. 6. South Wales 7. North Wales 8. N.W. England	Light or moderate west wind, backing southwest or south, freshening later; cloudy, slight local showers, rain later; rather cool.
9. N. Midlands 10. N.E. England	As 1 - 3.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate west wind, perhaps southeast or variable later; bright intervals, local showers, perhaps rain tomorrow; rather cool.
13. A. W. Scotld. / B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate to light westerly wind; showers and bright intervals; rather cool.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind backing temporarily to south and freshening; cloudy, rain later; rather cool.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ 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. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⚡ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A feeble wedge of high pressure is crossing the British Isles and a new developing depression is advancing on the Atlantic. Weather will be cloudy with local showers but bright intervals, especially in Scotland. General rain will commence in Ireland, and probably spread eastward later over most of the country.

FURTHER OUTLOOK.

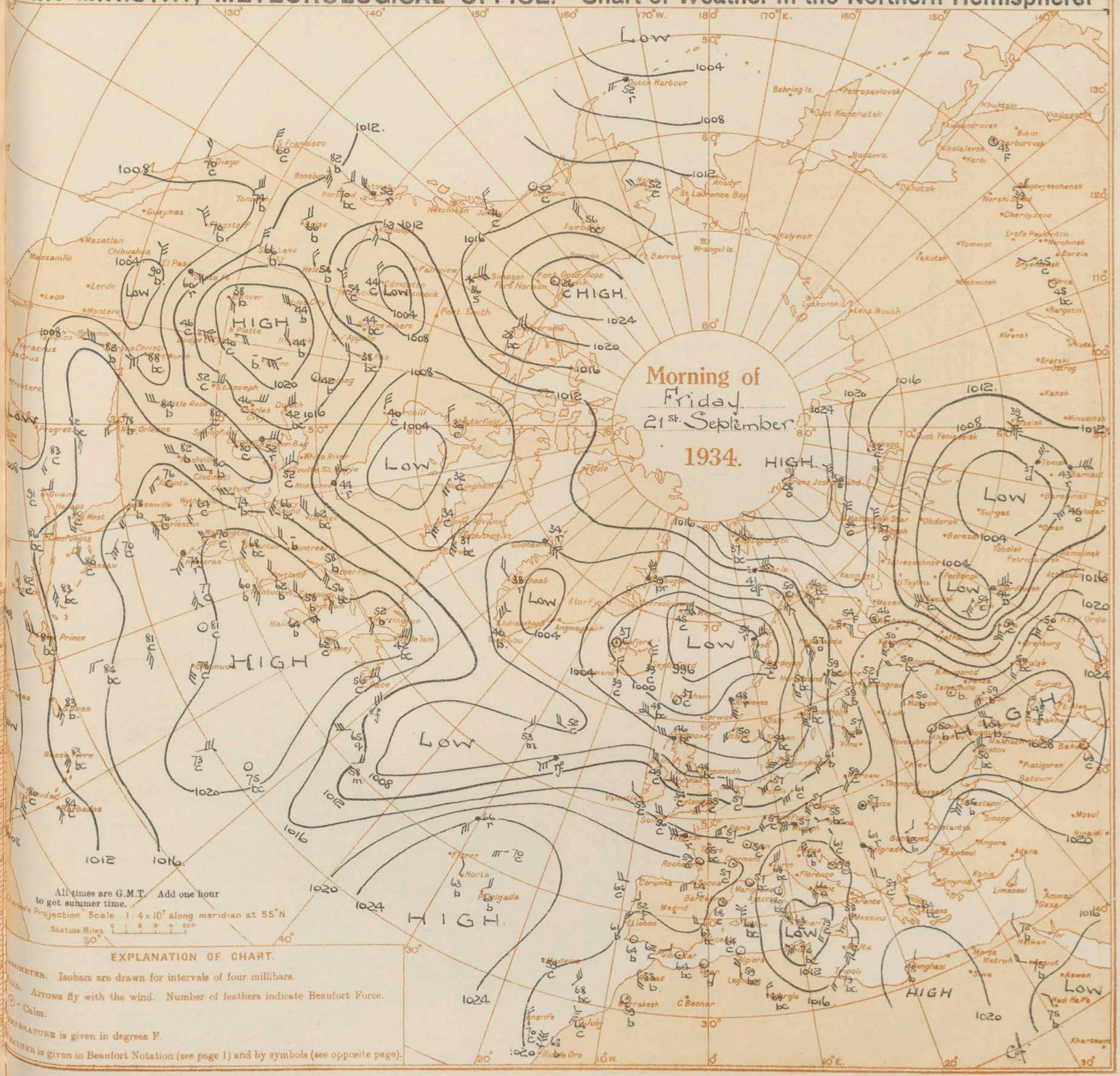
Unsettled.

Forecasts issued at 09.40 G.M.T.

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

H.M. Stationery Off. 6 Prem. Kingsway, W.C.2. Fo 25-2078: 83,8076 D.500 Gp 908 22-33. 9/34.

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



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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Friday 21st September 1934.

No. 26,601

OBSERVATIONS at 1 hr. G.M.T. 21st September

Dist.	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1011.3	+4	WSW	2	C	55	85	7	–	3	–	0	9	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1011.8	+2	WNW	2	bc	53	85	8	–	7	–	0	4-6	–
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1009.5	+8	WSW	2	C	54	85	6	4	3	–	4-6	7-8	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	1535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1011.4	+2	W	4	C	58	95	8	5	–	–	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013.1	+2	W'N	4	C	55	95	8	8	9	–	4-6	7-8	2500
	Scilly (St. Mary's)	163	1013.9	0	W	3	C	56	95	8	5	–	–	9+	9+	4000
	Guernsey	175	1013.5	+2	WNW	3	bc	55	95	8	8	–	–	4-6	4-6	1500
6	Pembroke	142	1010.5	+6	NW	3	C	57	85	8	5	–	–	9+	9+	4000
7	Holyhead	26	1009.0	+4	W'N	4	C	55	75	8	5	3	–	7-8	9+	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1008.2	+4	NNW	4	C	51	95	6	5	2	–	7-8	9	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1006.0	+2	W	3	bc	pr 50	85	7	2	–	–	4-6	4-6	2500
11	Inchkeith	190	1005.2	+12	W	4	C	48	85	7	5	–	–	7-8	7-8	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1001.5	+6	SW	3	C	47	85	8	8	7	–	7-8	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001.1	+8	WSW	2	bc	42	95	8	5	–	–	2-3	2-3	1500
16	Lerwick	54	997.8	+4	W	2	C	46	95	8	8	7	–	4-6	7-8	1500
17	Blacksod Point	18	1009.3	+2	W	2	C	53	85	8	–	7	–	0	10	–
18	Malin Head	52	1006.3	+6	W	4	C	52	95	8	8	–	–	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1012.7	+6	W	4	C	53	95	8	9	–	–	9	9	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 21st September

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)
1012.5	+10	SSW	2	c	56	85	7	5	7	–	4-6	7-8	2500	0	*
1012.7	+14	SW'w	2	c	55	85	7	5	7	–	4-6	9+	4000	1	*
1012.6	+10	WSW	2	c	53	95	7	5	7	8	7-8	9+	5700	1	*
1012.8	+10	WSW	2	c	53	95	7	5	3	–	3	9+	2500	1	*
1013.8	+14	SW	3	c	54	95	7	8	9	–	2-3	9+	2500	1	1
1013.3	+10	W's	2	c	53	85	8	–	9	1	0	7-8	–	1	§ 1
1012.3	+8	WSW	2	c	54	95	6	5	3	–	7-8	9+	4000	0	*
1012.2	+8	WSW	1	c	56	95	6	4	–	–	9+	9+	2500	0	*
1011.7	+10	SW'w	3	c3	55	85	6	5	–	–	9+	9	5700	0	1
1010.8	+8	SW	2	c	51	85	6	5	–	–	9+	9+	2500	0	2
1011.1	+10	WSW	2	c/r	50	95	6	5	7	9	4-6	9+	2500	1	*
1011.9	+12	WSW	2	c	51	95	7	5	7	-	7-8	9+	2500	1	*
1012.5	+14	NW	1	c3	51	95	6	5	9	2	4-6	9+	800	1	*
1012.1	+8	W	2	c	53	85	8	5	1	6	7-8	9+	4000	1	*
1012.8	+16	WNW	4	c	58	85	7	5	–	–	9	9	2500	1	3
1014.1	+10	W'N	3	c/d	55	95	8	5	7	–	4-6	9+	1500	1	2
1014.2	+6	NNW	3	c	56	95	8	9	4	–	7-8	9	1500	1	2
1014.9	+10	WNW	3	c	56	95	8	8	7	–	7-8	10	2500	1	2
1015.1	+12	WNW	2	c	56	85	8	8	–	–	10	10	2500	1	3
1011.7	+6	NW	2	c	55	75	8	8	9	-	4-6	7-8	4000	1	2
1010.9	+10	W'N	4	c	54	75	8	5	3	-	7-8	9	4000	1	2
1011.6	+14	W's	3	c	52	75	7	5	3	–	4-6	9	1500	1	*
1010.8	+10	WNW	4	c	52	75	9	9	-	–	9	9	1500	1	*
1010.6	+12	W	2	c/pr	49	95	6	8	3	–	2-3	7-8	2500	1	*
1009.9	+6	SW	1	c	47	85	7	–	4	–	0	7-8	–	1	*
1009.8	+6	NW	4	c	52	95	7	5	2	–	4-6	9+	1500	0	3
1009.5	+14	–	0	c	47	95	8	5	3	–	7-8	7-8	4000	0	*
1007.5	+12	W	2	bc	48	95	6	4	–	–	4-6	4-6	4000	1	1
1007.4	+10	W	4	bc	48	85	6	5	–	–	2-3	2-3	1500	0	2
1006.4	+10	SW	2	bc	41	95	7	5	–	1	1	2-3	4000	1	*
1007.2	+12	SW	3	b	47	85	8	8	–	1	1	1	1500	1	*
1008.8	+12	WSW	3	b	42	95	7	5	7	-	Tr	1	1500	1	*
1007.4	+18	NW'w	4	bc	50	75	8	3	4	-	4-6	4-6	2500	1	3
1004.2	+16	W	3	pr	46	85	9	8	6	-	4-6	4-6	1500	1	1
1007.0	+14	W	2	c	43	85	8	4	4	-	4-6	7-8	2500	1	*
1005.7	+18	SW	1	bc	42	85	8	-	4	2	0	4-6	–	1	1
1002.8	+12	WSW	3	bc	44	95	8	8	7	–	4-6	4-6	1500	0	2
999.5	+12	WSW	2	c/p	48	95	8	8	4	-	7-8	9	1500	1	*
1011.6	+14	NW	2	c	53	75	8	–	7	–	0	9+	–	0	2
1008.5	+14	NW'w	3	c/pr	49	95	7	8	–	–	9+	9+	1500	1	1
1010.3	+10	WSW	2	c	48	85	8	5	3	-	7-8	9	2500	1	*
1010.1	+12	W	2	bc	46	85	8	5	3	-	4-6	4-6	1500	0	1
1011.6	+10	W	1	c	50	95	8	5	–	–	9+	9+	2500	1	*
1013.9	+8	W'N	1	c	53	85	8	8	3	–	4-6	7-8	1500	1	2
1013.6	+6	NW	2	c	53	85	8	5	–	–	7-8	7-8	2500	1	2

PAST 24 HOURS.

Dist.	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 20th Hrs. (36)
1	London (Kew)	62	54	51	0·2	–	0·2
	Croydon	63	54	52	Tr	–	0·3
	S. Farnborough	62	52	49	Tr	–	0·0
	Boscombe Down	62	51	48	0·1	Tr	2·3
	Calshot, (S'thmtn)	65	53	52	Tr	Tr	1·2
	Lympne	63	51	47	Tr	–	0·6
	Manston	63	50	49	0·1	–	0·1
2	Shoeburyness	64	52	49	Tr	–	0·5
	Felixstowe	65	52	50	Tr	Tr	1·9
	Gorleston	61	47	45	0·1	Tr	0·1
	Cranwell	62	46	42	0·3	0·3	2·2
3	Birmingham	60	49	46	–	0·1	2·2
	Upper Heyford	62	48	39	0·2	–	*
4	Ross-on-Wye	62	51	43	–	–	0·6
5	Portland Bill	63	56	*	3	0·4	*
	Plymouth	61	55	49	1	Tr	1·8
	The Lizard	60	54	*	1	1	*
	Scilly (St. Mary's)	61	55	*	0·3	–	1·6
	Guernsey	61	55	51	2	2	1·5
6	Pembroke	60	54	*	6	Tr	2·5
7	Holyhead	59	53	51	–	–	1·3
	Chester (Sealand)	59	50	42	Tr	–	1·8
8	L'pool (Bidston)	57	50	47	0·4	3	1·3
	Manchester	58	45	36	2	3	0·8
9	Harrogate	57	45	41	1	–	0·7
10	Spurn Head	58	50	*	6	–	0·0
	Catterick	60	41	39	Tr	–	0·1
	Tynemouth	58	46	42	–	Tr	*
11	Inchkeith	57	47	43	–	–	6·7
	Leuchars	60	39	31	Tr	–	7·2
12	Renfrew (Abbotsl)	58	43	38	0·3	1	5·7
	Eskdalemuir	55	40	35	Tr	0·6	3·6
13A	Tiree	55	49	42	3	0·3	5·1
13B	Stornoway	56	45	*	1	0·5	6·6
15	Dalwhinnie	53	40	36	1	1	5·7
	Aberdeen	60	37	29	0·4	Tr	5·9
	Wick	57	41	*	*	–	*
16	Lerwick	53	46	*	1	2	6·5
17	Blacksod Point	57	52	*	Tr	–	*
18	Malin Head	56	42	*	3	1	5·0
	Aldergrove	57	44	39	0·1	0·3	2·5
	Donaghadee	58	45	*	–	0·6	*
19	Birr Castle	60	46	40	–	–	0·8
20	Valentia Obsy.†	58	51	46	0·6	0·1	2·6
	Roches Point	65	52	*	Tr	–	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	cpr.	c3	c3 c	62	54	51	0·2	Tr	0·2	*	*	7
Croydon	217	c3 d c	cpr 3 c	c3 c	63	54	52	Tr	–	0·3	*	*	7
Greenwich (Royal Observatory)	149	c	cir c	c	64	53	50	Tr	–	0·4	71	77	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·2	*	*	*
Westminster (St. James' Park)	27	*	*	*	63	54	52	Tr		0·3	79	84	*
Regents Pk. (Botanic Gardens)	168	*	*	*	63	54	51	1	Tr	0·2	88	88	*
Camden Square	110	c	cpc	*	63	54	51	0·3	0·3	*	*	79	*
Kensington	80	cpr.	c	*	63	54	51	Tr	–	0·1	At 18h. 77	80	*
Hampstead Observatory	450	0	or	bc	61	51	46	0·4	–	0·0	*	92	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 21st.

South Kensington. Max.	Time.	Min.	Time.
<0·3 whole period			

Kew Observatory. Max.	Time.	Min.	Time.
0·4	18h. 20m.	<0·1	03h. 21st.

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.
Paris	1013·3	WSW	4	c	61	1015·5	SW	3	c	57
Brussels	1012·3	W	2	b	75	1013·2	WSW	2	cir	55
Berlin	1010·5	S	2	bc	63	1012·5	SW'w	3	c	61
Zürich	1015·4	NW	3	c	61					
Rome	1011·8	S	2	c	70	1013·0	SSE	3	c/r	66

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
64	57	0·5	–
79	54	–	1
70	55	Tr	–
70		–	
*	*	0·2	10

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.

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.

† Hn. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 22nd September 1934.

No. 26 602

OBSERVATIONS at 13h. G.M.T. 21st Sept.

District	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)
1	London (Kew)	1014·2	+2	WNW	3	c	62	55	8	8	7	-	4-6	9+	4000
	Croydon	1013·8	0	WSW	4	c	62	55	8	5	7	8	4-6	9+	4000
	S. Farnborough	1014·2	+4	W	3	c	63	45	8	7	3	-	2-3	9+	4000
	Boscombe Down	1014·3	+2	WNW	3	c	61	65	8	7	3	-	4-6	9	2500
	Calshot, S'thmtn	1014·6	+2	SSW	4	c	65	65	8	8	7	9	4-6	9	2500
	Lympne	1014·3	+6	W'N	3	c	63	55	8	7	3	-	7-8	7-8	2500
	Manston	1013·3	+2	W	3	c	63	55	7	8	3	-	7-8	7-8	4000
2	Shoeburyness	1015·2	+4	W	1	c	64	65	7	4	7	-	4-6	7-8	2500
	Felixstowe	1013·2	+2	WNW	3	c	62	55	8	5	7	-	7-8	9+	2500
	Gorleston	1012·4	+6	W	3	c	59	75	6	8	-	-	10	10	2500
	Cranwell	1012·4	0	NW'W	4	c	59	55	7	8	3	-	7-8	7-8	2500
3	Birmingham	1013·9	+10	W	2	c	55	65	8	6	2	-	4-6	7-8	1500
	Upper Heyford	1014·2	+8	W	4	c	58	55	8	1	3	-	4-6	9+	4000
4	Ross-on-Wye	1014·4	+6	W	2	c	59	65	8	8	3	-	7-8	9	4000
5	Portland Bill	1015·1	+2	W	4	c	61	75	7	4	4	-	7-8	7-8	2500
	Plymouth	1015·3	+2	SW	3	c	61	76	8	7	7	9	4-6	7-8	2500
	The Lizard	1016·3	+4	W'S	3	c/pr$_o$	61	95	8	8	3	-	7-8	9+	2600
	Scilly (St. Mary's)	1016·6	+4	WSW	2	id$_o$	58	95	6	5	-	-	9+	9+	800
	Guernsey	1016·5	+4	W	2	c	63	75	8	8	-	-	9+	9+	2500
6	Pembroke	1014·5	+4	WNW	1	c	59	75	9	7	7	-	4-6	9	5700
7	Holyhead	1013·2	+6	W'N	4	c	57	65	8	7	-	-	9	9	5700
	Chester (Sealand)	1013·6	+10	WNW	3	c	58	55	8	7	3	-	9	9	4000
8	L'pool (Bidston)	1013·5	+6	WNW	4	c	57	55	8	7	3	-	2-3	7-8	2500
	Manchester	1012·9	+10	WNW	4	c	56	65	8	8	-	-	9+	9+	4000
9	Harrogate	1011·9	+6	W	2	c	55	65	9	8	-	-	9	9	4000
10	Spurn Head	1011·6	+2	NW	4	c	58	75	6	5	7	-	4-6	7-8	1500
	Catterick	1011·3	+6	SW'W	3	c	57	65	8	5	3	-	7-8	9	4000
	Tynemouth	1009·7	+10	W	3	bc	57	65	7	9	-	-	4-6	4-6	1500
11	Inchkeith	1008·9	+16	W	3	c	56	85	8	8	-	-	7-8	7-8	4000
	Leuchars	1008·4	+6	WNW	3	c	58	55	9	7	-	-	9	9	2500
12	Renfrew (Abbotsl.)	1009·8	+10	W'N	4	bc	57	65	9	8	6	-	2-3	2-3	4000
	Eskdalemuir	1010·2	+10	WSW	3	bc	53	65	7	8	-	-	4-6	4-6	2500
13A	Tiree	1010·2	+12	W'N	4	bc	54	75	8	8	-	-	4-6	4-6	2500
13B	Stornoway	1006·9	+6	WNW	3	pr$_o$	54	75	9	8	7	-	4-6	4-6	1500
15	Dalwhinnie	1008·3	+10	WNW	3	bc	48	75	8	4	1	-	2-3	4-6	4000
	Aberdeen	1008·0	+10	W'N	3	c	56	55	8	8	-	-	7-8	7-8	4000
	Wick	1006·0	+20	WNW	3	pr	51	85	8	9	7	8	4-6	7-8	1500
16	Lerwick	1002·2	+12	W	4	bc	51	65	9	4	-	-	4-6	4-6	2500
17	Blacksod Point	1013·7	+8	W'N	2	c	57	75	8	-	7	-	0	9	-
18	Malin Head	1011·3	+12	W	3	c/pr$_o$	55	95	8	7	-	-	9	9	1500
	Aldergrove	1012·9	+12	WSW	3	c	55	65	9	8	3	-	9	9+	2500
	Donaghadee	1012·4	+10	W	2	bc	56	85	8	5	3	-	4-6	4-6	1500
19	Birr Castle	1013·7	+8	NW	2	c	59	75	8	5	-	-	7-8	7-8	2500
20	Valentia Obsy.	1015·4	+4	SW'W	2	c	58	75	9	5	-	-	9+	9+	1500
	Roches Point	1014·7	+6	NW	3	c	59	75	8	3	-	-	7-8	7-8	2500

OBSERVATIONS at 18h. G.M.T. 21st 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)	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)
1016·2	+8	NNW	1	c	59	55	8	-	4	2	0	7-8	-	0	*
1015·4	+12	NW'W	1	bc	59	55	7	-	4	9	0	4-6	-	0	*
1015·8	+16	-	0	bc	58	75	7	5	3	1	Tr.	4-6	4000	1	*
1015·5	+10	W'N	2	bc	58	75	8	1	-	9	1	2-3	4000	1	*
1015·8	+6	W'S	2	c	59	75	8	5	7	1	4-6	7-8	4000	0	1
1016·0	+10	NW'W	2	c	57	65	8	5	3	-	Tr.	7-8	2500	0	§1
1015·2	+14	W	3	bc	59	75	7	2	4	-	1	4-6	4000	0	*
1015·6	+14	W	1	bc	57	75	7	7	7	-	Tr.	4-6	4000	0	*
1015·2	+16	WNW	2	bc	59	65	7	5	3	1	2-3	4-6	4000	0	1
1014·7	+12	W'S	2	c	59	65	6	5	-	-	9+	9+	2500	0	2
1015·1	+12	NW'W	2	bc	53	75	6	7	-	-	4-6	4-6	4000	0	*
1015·3	+10	WNW	2	bc	55	65	7	4	-	9	2-3	2-3	2500	1	*
1015·6	+10	NW	1	bc	57	65	8	4	-	-	2-3	2-3	7200	0	*
1015·3	+8	NW	1	bc	58	65	9	4	-	1	2-3	2-3	4000	0	*
1016·4	+10	W	4	c	60	85	8	4	-	-	7-8	7-8	2600	1	3
1016·1	+8	WSW	4	c/jp	60	85	8	5	-	-	9+	9+	2500	1	2
1016·7	+4	-	0	id	56	95	6	5	-	-	10	10	1500	1	2
1016·9	+4	NW	1	c/d$_o$	55	95	7	5	-	-	9+	9+	800	1	1
1017·2	+10	W	2	c	59	85	8	8	-	-	9+	9+	2500	1	3
1015·2	+2	WNW	1	bc	57	75	8	1	8	1	2-3	4-6	5700	0	1
1014·7	+6	SW	2	c	56	75	8	5	-	-	9	9	5700	1	1
1015·4	+12	W'N	1	c	55	65	7	5	-	-	9	9	4000	1	*
1015·2	+6	WNW	3	c	55	65	9	5	-	-	9+	9+	4000	0	*
1014·8	+14	NW	3	bc	53	75	7	8	-	-	4-6	4-6	4000	1	*
1014·2	+6	SW	3	b	51	65	9	·	4	-	0	Tr.	-	1	*
1013·8	+8	NNW	4	bc	57	75	7	5	7	-	2-3	4-6	2500	0	3
1013·5	+10	W	2	bc	53	65	8	5	-	-	4-6	4-6	4000	0	*
1013·8	+14	W	2	bc	55	75	6	9	-	-	4-6	4-6	1500	0	1
1011·5	+10	W	3	c	54	75	8	4	-	-	7-8	7-8	4000	0	2
1011·0	+20	W	3	bc/jp	53	65	9	8	-	-	4-6	4-6	4000	0	*
1012·2	+14	W	3	bc	51	75	8	7	6	-	2-3	2-3	4000	0	*
1012·9	+16	W	3	c	49	75	9	5	-	-	9+	9+	2500	1	*
1011·6	+8	W	3	c	52	65	9	4	6	-	9	9+	2500	1	4
1009·5	+12	W	2	c	49	75	8	8	7	4	4-6	7-8	1500	1	!
1011·9	+12	WNW	3	c	45	85	8	4	4	-	4-6	9	2500	1	ir
1010·4	+14	SW	1	pr	51	75	6	8	-	-	7-8	7-8	2500	1	1
1007·8	+16	WNW	2	c	48	85	8	8	7	8	4-6	7-8	1500	1	1
1004·0	+16	W'S	3	bc	49	85	8	8	-	-	4-6	4-6	1500	1	*
1013·4	-4	S	2	c	55	85	8	8	-	-	9	9	1500	0	2
1012·5	+8	W	1	c	52	75	9	5	-	-	9+	9+	1500	1	1
1013·7	+10	SW'S	1	c	53	75	9	5	3	-	7-8	9+	2500	1	*
1014·0	+12	W	1	c	54	75	8	5	-	-	7-8	7-8	1500	0	0
1013·4	+2	S	1	c	57	75	8	5	-	-	9+	9+	2500	1	*
1015·1	-6	SSW	2	c/jp	57	85	8	5	-	-	10	10	800	1	2
1015·0	+2	SW	3	c	57	85	8	5	-	-	7-8	7-8	2500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 21st. (37)	Weather. 13h.–18h. 21st. (38)	Weather. 18h. 21st. to 1h. 22nd. (39)	Weather. 1h.–7h. 22nd. (40)
c	cbc	bbc	bcc m$_o$ w
cbccy	cybc	bc bm$_o$	bm$_o$ cm$_o$
ccbcvcy	cvybc	bcbm$_o$w	bwbcm$_o$c$_o$
c	cbcv	bcb	bbcaddm
c	c	cbcbw	bcwcdo
cy	cyc	cbw	bwjpsc
cbcy	cybc	bbc	bc
cm$_o$c	cbc	bcb	bbc
cy	cybc	bcb	bccm$_o$c
c	c	c3$_o$bc	bc
cbcc	cbc3$_o$	cm$_o$b	bcm$_o$c
bcc	cbc	bcb	b$_i$cr$_o$
c	cbc	bcb	bbcfe
c	cvbcv	bwcb	bwbc
c	c	bcc	opr$_o$
cbcv	cvjp	cvdd	id$_o$mdd
epr$_o$c	cdom	oifgde	cpid$_o$
cid$_o$m	id$_o$m	cimof	fd$_o$if
c	c	coid$_o$	cmdrr
cpr$_o$cv	bc	bcc	cqirgc
c	bcc	c	corr
cjpy	cyv	bc	crrm$_o$
p$_o$cvc	bccv	cv bcc	corr
epr$_o$c	cbc	~~cfcf~~	crr
bcc	cb	bbc	bccrr
bc	bc	bc3	bcc
c	cbc	bc	bcorrm
cbc	c	c	corr
b-cwbc	bcyjp	bcbw	cwir$_o$m
bbcv	bcbv	bv bcc	corrm
cbc	pr$_o$cv	cvc	c$_o$rr
bcpr$_o$	bcc	cid	cRR
bcpr$_o$	c	c	cid$_o$m
ir	ir	ir	ir
bc	bccpr	cpr$_o$bw	bwbccm
bccpr	cprc	pr$_o$bc	bcc
cbc	bccprbc	bccprbc	bcc
c	c	rr	rr
cpr$_o$	c	c	crr
cbcc	c	c	crR
bc	bcc	c	corr
c	c	crbc	coir
c	cjp	crr	rrigo
c	c	cfbc	corr

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.
f$_s$, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ◐ lunar halo. ⟋ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; −, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

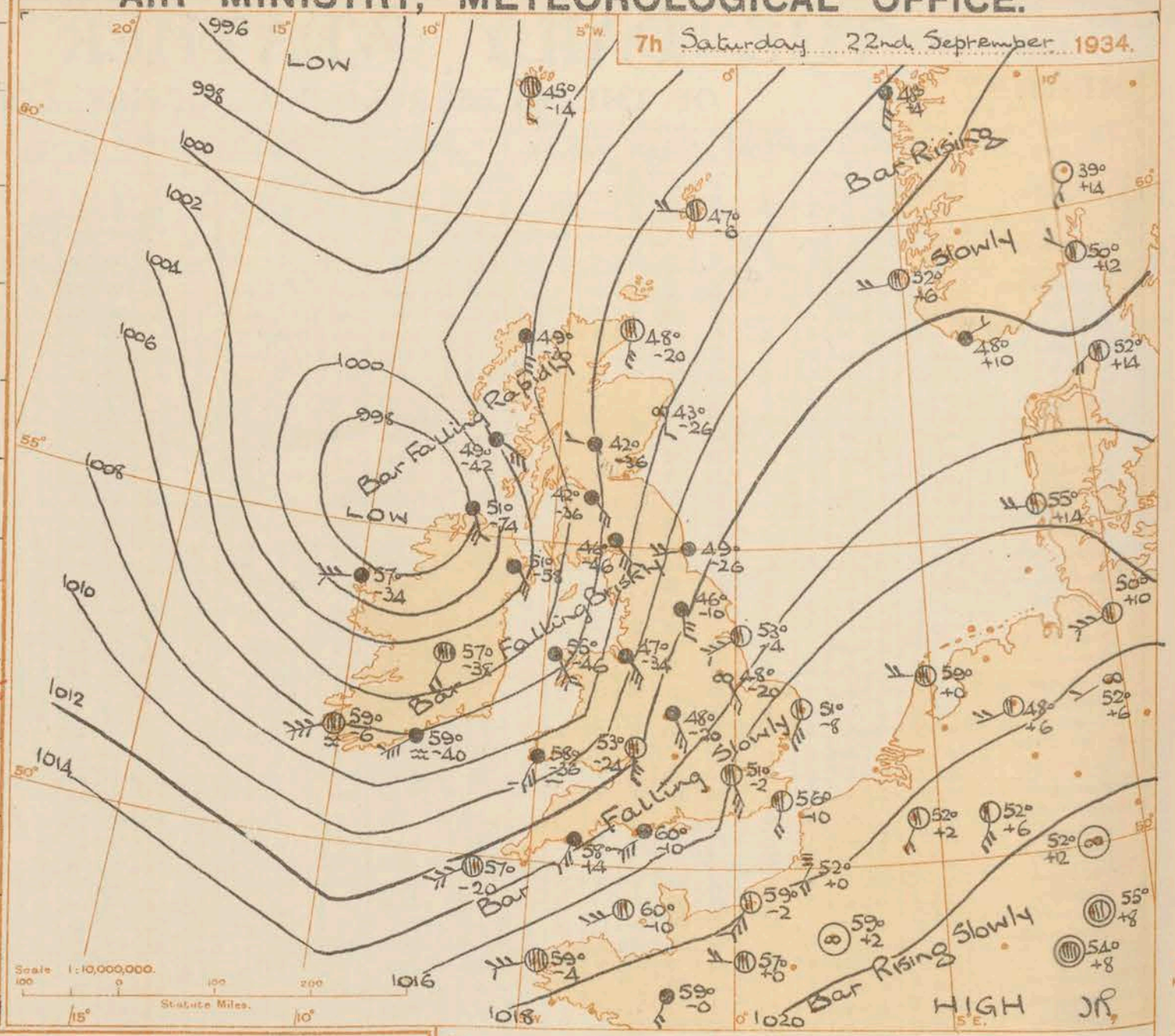
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 21st September 1934

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	ocbc	bco	52	65	-	-	2·2	0·1
	Bournemouth	o	oco	53	64	-	-	1·2	2·5
	Ventnor ...	o	obc	56	63	-	-	1·8	1·8
	Southsea ...	cbc	cbc	55	66	-	-	2·4	1·6
	Bognor Regis	cbc	bcc	54	66	Trace	-	2·9	1·0
	Littlehampton	c	c	53	66	0·2	-	2·0	0·9
	Worthing ...	cbc	bcc	54	68	Trace	-	3·0	0·5
	Brighton ...	c	bc	51	65	0·2	-	3·9	0·8
	Eastbourne†	c	cbcc	54	64	11	-	3·3	0·2
	Hastings† ...	cbc	bcc	52	66	-	-	2·6	1·1
	Folkestone ...	cbc	bcc	53	66	Trace	-	1·2	0·8
	Dover... ...	cbc	bcc	55	66	Trace	-	1·5	0·5
	Deal	cobc	bcc	53	68	-	-	2·2	0·1
	Ramsgate ...	bc	bcc	54	66	-	-	1·5	0·2
	Margate ...	bcc	bcc	54	64	-	-	3·4	0·2
2	Southend ...	cbc	cbc	54	67	-	-	1·7	0·3
	Maldon ...	oc	c	52	64	-	-	1·8	1·0
	Clacton-on-Sea	bc	bcc	53	64	-	-	1·8	1·0
	Dovercourt ...	bc	bc	52	62	-	-	2·1	2·4
	Lowestoft ...	c	c	46	61	-	-	0·7	0·4
	Skegness ...	obc	bc	44	60	-	-	0·6	0·3
	Mablethorpe	cr,oc	coc	45	59	Trace	-	1·5	0·0
	Cleethorpes ...	oc	c	46	60	-	-	2·5	0·1
3	Leamington S.	cbcc	cbc	49	61	-	-	0·7	2·4
4	Cheltenham†	oc	cbcq	49	61	0·3	-	2·2	0·5
5	Bath	cbc	cbcb	53	65	2	-	4·0	2·1
	Weymouth ...	c	cbcc	55	65	-	-	3·2	1·5
	Jersey ...	rc	cbcc	56	63	3	-	1·8	0·5
	Torquay ...	dpcb	bcb	50	67	0·2	-	4·3	3·1
	Penzance ...	cbbc	cdbod	53	63	0·5	Trace	1·3	0·7
	St. Ives ...	c	c	54	66	0·5	-	1·9	5·0
	Bude	c	cp,	57	61	-	Trace	3·7	0·3
	Ilfracombe ...	cbc	c	51	62	1	-	1·8	1·7
6	Aberystwyth	c	bcc	54	60	-	-	4·1	0·0
7	Llandudno ...	cbc	cbcc	52	59	-	-	3·2	1·6
	Colwyn Bay...	cbc	bcc	50	60	-	-	3·5	1·1
	Rhyl	c	cbcc	52	59	0·2	-	2·6	3·6
8	Wallasey ...	cbc	bc	52	60	1	-	4·3	1·2
	Southport‖ ...	ocp,c	cbcc	51	59	2	0·1	0·2	0·7
	Blackpool ...	c	c	51	59	7	-	3·1	0·9
	Morecambe ...	b	cbbcc	52	59	0·3	-	6·0	0·4
9	Ilkley... ...	bc	bc	44	61	1	-	4·6	1·0
10	Berwick-on-T.	bc	c	42	57	-	-	5·6	4·3
11	Dumbar ...	bc	bc	43	59	-	-	9·0	7·1
12	Troon... ...	bcvbc	bcpbr	50	58	1	Trace	6·8	5·1
	Douglas ...	bccb	cbbc	47	58	1	-	4·5	1·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England. 6. South Wales	Moderate or fresh south to southwest wind, veering west later, strong locally; cloudy, occasional rain, bright intervals and local showers later; average temperature.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Strong southwest to west or northwest wind, perhaps gale locally; cloudy, some rain, then showers and bright intervals; average or rather low temperature.
13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind variable, finally northwest, mainly moderate but stronger locally; dull, rainy; showers and bright intervals later; rather cool.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Strong squally west wind, moderating somewhat; showery, some bright intervals; rather cool.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— 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. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deepening depression off North Ireland is moving eastnortheast. Weather will be generally unsettled, with fresh or strong winds, perhaps reaching a gale in the Irish Sea and later off the Northeast Coast.

FURTHER OUTLOOK.

Unsettled.

Time of issue of Gale Warnings,

V South Cone at 0810 on 22nd in Districts 2(part of), 6 - 8, 10, 11, 12(part of), 18 and 19.

Forecasts issued at 0940 G.M.T.

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

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

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

Morning of Saturday 22nd. September 1934.

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

Clarke's Projection Scale 1:4×10⁷ along meridian at 55° N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Saturday 22nd September 1934.

No. 26602.

OBSERVATIONS at 1 hr. G.M.T. 22nd Sept.

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1017.9	0	S	3	b	46	85	6	-	3	-	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1019.1	+6	N'W	1	b	47	85	6	-	4	-	0	Tr	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017.3	+4	SW	2	bc	51	75	7	-	1	-	0	4.6	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1016.5	-4	W	3	c	60	85	7	4	-	-	7.8	7.8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1017.1	-2	SW'W	3	c	56	95	8	4	2	-	9	10	2500
	Scilly (St. Mary's)	163	1017.3	-6	SW	3	o	56	95	6	5	-	-	10	10	1500
	Guernsey	175	1018.3	-2	-	0	fog	59	95	6	5	-	-	10	10	1500
6	Pembroke	142	1014.4	+2	SW	2	c	57	85	8	8	3	-	7.8	10	4000
7	Holyhead	26	1013.7	-14	SSW	4	c	57	75	8	5	3	-	7.8	9+	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1016.5	+6	WNW	3	bc	50	95	6	-	1	-	0	2.3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1014.2	+4	W	2	bc	49	85	7	4	-	-	4.6	4.6	4000
11	Inchkeith	190	1013.3	-2	SW	2	c	50	85	8	5	5	6	4.6	9	4000
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1008.6	-10	SSW	2	c	49	75	7	5	6	-	7.8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1009.9	+2	SW	2	bc	41	95	8	8	3	-	4.6	4.6	1500
16	Lerwick	54	1007.3	+16	W'S	3	bc	45	85	8	8	3	-	2.3	4.6	1500
17	Blacksod Point	18	1007.7	-42	S	3	rr	53	95	7	6	-	-	10	10	450
18	Malin Head	52	1009.0	-30	S	3	c	51	85	9	8	-	-	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1010.1	-26	S	4	DD	51	95	5	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 22nd Sept.

District	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)
1	London (Kew)	1015.4	-10	S'E	1	c	49	95	5	5	-	-	9+	9+	2500	0	*
	Croydon	1016.1	-2	SSE	3	c	51	85	6	5	2	-	4-6	9+	4000	0	*
	S. Farnborough	1015.0	-10	SE	3	c	51	85	6	5	3	-	4-6	9+	1500	1	*
	Boscombe Down	1014.2	-12	SE	2	dd	52	95	4	5	-	-	10	10	450	1	*
	Calshot, (S'thmtn)	1015.4	-14	S	4	do.	60	95	7	5	7	-	7-8	9+	1500	1	2
	Lympne	1017.1	-10	S'W	2	c/pr	56	85	8	5	-	-	9+	9+	4000	*	§ 2
	Manston	1016.5	-16	SSE	2	bc	53	85	7	-	3	8	0	4-6	-	0	*
2	Shoeburyness	1016.0	-2	S'W	1	bc	57	85	7	7	-	-	4-6	4-6	4000	0	*
	Felixstowe	1015.9	-10	SSW	3	c	58	65	7	5	7	1	2-3	7-8	4000	0	1
	Gorleston	1016.7	-8	SSW	3	bc	51	75	7	5	-	-	4-6	4-6	4000	0	2
	Cranwell	1013.8	-20	SSE	3	3.	48	95	5	5	2	-	4-6	9+	4000	0	*
3	Birmingham	1012.7	-20	SSE	3	ir.	48	95	6	6	2	-	7-8	10	800	1	*
	Upper Heyford	1014.2	-14	S	2	3.	48	95	6	5	1	-	7-8	9+	2500	0	*
4	Ross-on-Wye	1012.2	-24	S'W	3	c	53	95	7	6	7	-	2-3	10	2500	0	*
5	Portland Bill	1014.4	-10	SW	4	pr.	60	95	7	5	-	-	10	10	1500	1	3
	Plymouth	1014.1	-14	SSW	4	dd	58	95	6	5	2	-	9	10	450	1	2
	The Lizard	1014.0	-12	SW	4	ido	57	95	6	5	2	-	9	10	1500	1	4
	Scilly (St. Mary's)	1013.0	-20	SW	5	o/s	57	95	6	5	-	-	10	10	1500	1	3
	Guernsey	1017.0	-10	WSW	3	clr	60	95	7	8	1	-	7-8	10	2500	1	3
6	Pembroke	1008.2	-36	SSW	4	ir.	58	95	7	5	-	-	10	10	1500	1	4
7	Holyhead	1005.2	-46	S'E	5	rr	55	95	5	5	-	-	10	10	450	1	2
	Chester (Sealand)	1010.2	-34	SE	3	rr	47	95	6	6	2	-	7-8	10	1500	1	*
8	L'pool (Bidston)	1009.8	-28	SE	4	rr	47	95	7	6	-	-	10	10	800	2	*
	Manchester	1010.7	-26	S	3	rr	48	95	5	6	2	-	7-8	10	1500	1	*
9	Harrogate	1011.5	-10	S	3	rr	46	85	5	6	2	-	4-6	10	1500	1	*
10	Spurn Head	1013.4	-4	SW	4	c	53	85	6	5	2	-	7-8	9+	2500	0	2
	Catterick	1011.0	-26	SSE	3	rr	44	95	4	-	2	-	10	10	1500	1	*
	Tynemouth	1010.6	-24	W	2	rdc	49	95	6	6	-	-	10	10	1500	1	1
11	Inchkeith	1007.5	-26	SE	3	rr	48	95	7	6	-	-	10	10	1500	1	2
	Leuchars	1008.0	-30	NNE	1	ir.	43	95	6	5	2	-	4-6	10	1500	1	*
12	Renfrew (Abbotsl)	1004.7	-42	SE'E	3	rr	48	95	4	5	-	-	10	10	450	1	*
	Eskdalemuir	1007.1	-46	SSE	4	rr	46	95	6	6	2	-	9	10	800	1	*
13A	Tiree	1002.5	-42	E's	3	RR	49	95	6	6	-	-	10	10	800	1	3
13B	Stornoway	1003.7	-30	S	4	ir.	49	95	5	5	2	-	9	10	800	1	2
15	Dalwhinnie	1007.1	-36	W	1	rr	42	95	7	4	4	-	4-6	10	1500	1	*
	Aberdeen	1007.8	-26	S	1	3.	43	95	5	5	-	8	7-8	9	5700	1	1
	Wick	1006.5	-20	SSW	3	c	48	85	8	5	1	8	7-8	10	2500	0	2
16	Lerwick	1006.8	-6	W	2	c	47	85	8	8	7	-	2-3	7-8	1500	1	*
17	Blacksod Point	999.2	-34	W	4	id	57	95	6	6	-	-	10	10	220	1	3
18	Malin Head	997.9	-74	S'E	4	rr	51	95	7	6	2	-	10	10	800	2	1
	Aldergrove	1001.6	-58	SE	3	RR	51	95	5	6	2	-	9	10	450	1	*
	Donaghadee	1002.7	-40	SW	3	rr	53	95	7	6	-	-	10	10	800	1	2
19	Birr Castle	1002.9	-38	SSW	2	o/r	57	95	7	6	-	-	10	10	1500	1	*
20	Valentia Obsy.†	1006.0	-6	SW'W	6	o/r	59	95	6	5	-	-	10	10	220	1	5
	Roches Point	1006.8	-40	SW	4	rr	59	95	7	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

District	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)
1	London (Kew)	62	45	35	-	-	1.5
	Croydon	63	46	43	-	-	2.4
	S. Farnborough	66	39	28	-	-	2.0
	Boscombe Down	62	44	36	-	0.1	4.2
	Calshot, (S'thmtn)	66	50	45	-	Tr.	2.8
	Lympne	64	46	35	-	Tr.	1.5
	Manston	66	44	36	-	-	2.1
2	Shoeburyness	65	38	30	-	-	1.5
	Felixstowe	62	44	33	-	-	0.8
	Gorleston	61	47	46	-	-	1.4
	Cranwell	60	40	35	-	-	3.0
3	Birmingham	59	44	31	-	Tr.	1.1
	Upper Heyford	61	41	33	-	-	*
4	Ross-on-Wye	62	44	35	-	-	2.0
5	Portland Bill	62	54	*	-	Tr.	*
	Plymouth	63	56	54	-	0.1	3.2
	The Lizard	62	54	*	Tr.	0.5	*
	Scilly (St. Mary's)	59	55	*	0.2	Tr.	0.1
	Guernsey	63	58	57	-	2	1.1
6	Pembroke	60	54	*	-	1	1.9
7	Holyhead	59	53	51	-	8	3.7
	Chester (Sealand)	59	43	35	-	5	1.3
8	L'pool (Bidston)	57	46	45	Tr.	4	4.1
	Manchester	57	47	43	0.1	1	1.6
9	Harrogate	58	46	42	-	0.5	3.6
10	Spurn Head	60	48	*	-	-	2.9
	Catterick	57	43	39	-	2	0.8
	Tynemouth	59	46	42	-	0.1	*
11	Inchkeith	57	47	41	-	1	7.6
	Leuchars	60	38	29	-	Tr.	6.8
12	Renfrew (Abbotsl)	59	42	36	-	2	7.4
	Eskdalemuir	56	37	34	0.1	3	4.8
13A	Tiree	56	48	41	0.4	4	6.5
13B	Stornoway	55	46	*	0.4	1	6.1
15	Dalwhinnie	53	37	32	Tr.	1	5.4
	Aberdeen	57	36	31	0.2	0.1	5.6
	Wick	54	40	*	0.4	Tr.	*
16	Lerwick	53	44	*	0.6	0.4	6.8
17	Blacksod Point	57	?	*	-	22	*
18	Malin Head	56	48	*	1	10	1.5
	Aldergrove	56	48	39	-	14	2.7
	Donaghadee	58	50	*	-	7	*
19	Birr Castle	59	51	45	-	12	1.4
20	Valentia Obsy.†	61	55	54	-	12	2.1
	Roches Point	60	55	*	-	8	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	c	cbc	bbc m,w	62	45	35	-	-	1.9	*	*	7
Croydon	217	cbccy	cy bc	bc bm,	63	46	43	-	-	2.4	*	*	7
Greenwich (Royal Observatory)	149	cy	cy b	bw m,c	66	42	34	-	-	1.7	51	80	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1.6	*	*	*
Westminster (St. James' Park)	27	*	*	*	64	46	40	-		1.2	61	85	*
Regents Pk. (Botanic Gardens)	168	*	*	*	62	46	38	-	-	1.2	72	88	*
Camden Square	110	c	cbc	*	62	46	39	-	-	*	*	82	*
Kensington	80	bc	bc	*	63	46	36	-	-	1.2	At 18h. 81		*
Hampstead Observatory	450	c	bc	b	60	47	33	-	-	1.8	50	*	95

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 22nd

South Kensington. Max.	Time.	Min.	Time.
0.6	22-23h 21st	<0.3	8-18h 21st

Kew Observatory. Max.	Time.	Min.	Time.
0.5	21h 21st	<0.1	13h 21st

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	1017.3	W	1	c	61	1019.4	-	0	m	57	64	54	Tr.	-
Brussels	1015.1	WSW	2	pr	57	1018.3	SSW	2	b	52	63	46	Tr.	0.5
Berlin	1013.9	SW'S	1	c	61	1017.9	W'S	2	3.	55	66	52	-	Tr.
Zürich	1019.2	NW	3	bc	59	1021.5	-	0	m	54	70	50	-	Tr.
Rome						1013.8	-	0	bc	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 „	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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 23rd September 1934.

No. 26603

OBSERVATIONS at 13h. G.M.T. 22nd September

District.	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)	°F. Temp. (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)
1	London (Kew)	1009·1	-26	SSW	4	rr	61	95	7	6	2	-	9	10	1500
	Croydon	1010·3	-30	SSW	5	r$_o$r$_o$	60	95	6	6	-	-	10	10	450
	S. Farnborough	1009·4	-26	S'W	4	d$_o$r	60	95	6	6	-	-	10	10	800
	Boscombe Down	1008·7	-26	SSW	5	rr	58	95	6	6	-	-	10	10	450
	Calshot, S'thmtn	1010·9	-24	SSW	6	rr	61	95	6	6	-	-	10	10	800
	Lympne	1012·1	-30	SW'S	5	c	61	95	7	6	2	-	9+	10	450
	Manston	1011·2	-32	SSW	5	d$_o$d$_o$	62	95	7	6	-	-	10	10	800
2	Shoeburyness	1010·3	-38	SSW	5	id$_o$	62	95	7	6	-	-	10	10	800
	Felixstowe	1009·5	-42	SSW	5	d$_o$d$_o$	62	95	7	6	2	-	7·8	10	2500
	Gorleston	1009·0	-40	S'W	6	c	61	75	6	6	-	-	10	10	2500
	Cranwell	1009·8	-46	S	4	rr	58	95	6	6	-	-	10	10	800
3	Birmingham	1004·7	-28	SSW	4	rr	57	95	5	6	-	-	10	10	1500
	Upper Heyford	1007·2	-34	S	5	rr	58	95	5	6	2	-	9+	10	450
4	Ross-on-Wye	1004·2	-30	SW	5	r$_o$r$_o$	59	95	6	6	-	-	10	10	1500
5	Portland Bill	1008·0	-40	SW	6	rr	61	95	6	5	-	-	10	10	1500
	Plymouth	1009·9	-16	SW	5	d$_o$d$_o$	60	95	5	5	-	-	10	10	220
	The Lizard	1011·1	-6	WSW	6	c/pr	59	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	1011·0	-6	W'S	5	c/d	59	95	7	5	-	-	10	10	800
	Guernsey	1014·4	-16	SW'S	5	ir	62	85	7	6	-	-	10	10	1500
6	Pembroke	1004·7	-20	W	4	.q	59	95	6	5	-	-	10	10	1500
7	Holyhead	999·9	-10	SW'W	5	ir$_o$	62	95	7	5	3	-	7·8	9	2500
	Chester (Sealand)	1001·2	-32	SW'S	4	ir$_o$	63	85	6	6	2	-	7·8	10	1500
8	L'pool (Bidston)	1000·3	-22	WSW	4	ir$_o$	61	85	7	6	-	-	9+	9+	1500
	Manchester	1000·9	-44	SSW	5	ir	58	85	5	6	2	-	7·8	10	800
9	Harrogate	1000·3	-46	S	3	ir	53	95	4	6	-	-	10	10	>150
10	Spurn Head	1003·1	-18	SW	7	RR	57	95	5	6	-	-	10	10	1500
	Catterick	999·1	-64	SSE	4	rr	51	95	4	-	2	-	0	10	1500
	Tynemouth	998·7	-36	S	5	ir$_o$	51	95	6	6	-	-	10	10	1500
11	Inchkeith	995·6	-66	ESE	2	c/r	49	95	7	6	-	-	10	10	1500
	Leuchars	995·9	-66	SE	3	rr	49	95	6	5	2	-	7·8	10	450
12	Renfrew (Abbotsl.)	994·8	-62	ENE	2	id$_o$	50	95	5	5	-	-	10	10	450
	Eskdalemuir	994·5	-62	SSW	4	DD	53	95	5	6	2	-	9	10	220
13a	Tiree	995·8	-12	NEN	1	ir$_o$	52	95	8	6	7	-	9	10	1500
13b	Stornoway	996·2	-28	SE	4	c	51	75	9	5	8	-	2·3	9+	2500
15	Dalwhinnie	995·8	-62	S	5	ir	47	85	7	3	4	-	4·6	10	1500
	Aberdeen	998·1	-68	SE'S	3	rr	49	95	6	6	2	-	9	10	800
	Wick	999·2	-34	S	5	rr	48	85	7	9	2	-	7·8	10	1500
16	Lerwick	1002·0	-28	S'E	4	br	49	85	8	8	7	-	4·6	7·8	1500
17	Blacksod Point	1005·1	+24	WNW	5	cq	57	85	8	5	-	-	10	10	800
18	Malin Head	997·8	+22	W	5	c	55	85	7	8	-	-	9	9	1500
	Aldergrove	999·1	-20	W'N	5	c/d	57	85	8	5	2	3	7·8	9+	800
	Donaghadee	996·9	-4	W	3	c	60	85	7	5	-	-	7·8	7·8	1500
19	Birr Castle	1004·1	+18	NW	4	c	62	75	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1010·0	+22	WNW	4	c	57	95	8	5	-	-	10	10	800
	Roches Point	1007·6	+10	NW	4	bc	63	75	8	3	-	-	4·6	4·6	2500

OBSERVATIONS at 18h. G.M.T. 22nd September

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°F. Temp. (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 Ground. 0-9 (29)	Sea. 0-9 (30)
1005·5	-14	SW	4	id$_o$	61	95	6	6	2	-	7·8	10	1500	1	*
1006·5	-18	SW'S	4	id$_o$	62	95	6	6	-	-	10	10	450	1	*
1006·1	-6	SW'W	3	id$_o$	61	95	6	5	-	-	9+	9+	800	1	*
1006·2	-6	SW'W	4	id$_o$	60	95	6	6	-	-	9+	9+	450	1	*
1008·2	-2	SW	5	d$_o$d$_o$	62	95	6	6	-	-	10	10	450	1	2
1007·6	-28	SW'W	5	d$_o$d$_o$	60	95	6	6	-	-	10	10	220	1	§4
1006·3	-26	SW	5	c/r	61	95	7	6	-	-	10	10	450	1	*
1007·5	-18	SW	5	c/r	62	95	8	6	2	-	9	10	1500	1	*
1004·2	-20	SW	6	ir$_o$	62	95	7	6	-	-	10	10	800	1	3
1002·7	-24	SSW	5	rr	61	95	6	6	-	-	10	10	1500	1	3
1000·6	-12	WSW	4	bc	60	95	7	6	-	1	2·3	2·3	800	1	*
1003·0	-2	WSW	4	bc	60	85	8	5	-	1	2·3	4·6	1500	1	*
1004·5	0	W'S	4	bc/r	59	95	8	5	-	-	4·6	4·6	800	1	*
1004·8	+2	W'S	3	bc	60	85	8	8	-	-	2·3	2·3	4000	1	*
1007·0	-10	WSW	6	c	61	85	6	5	-	-	10	10	1500	1	4
1009·5	0	WSW	5	ir$_o$	60	95	7	5	-	-	10	10	1500	1	3
1011·0	-2	W'S	5	c	58	95	7	8	-	-	9+	9+	2500	1	3
1011·1	+4	W'N	6	c	58	95	7	5	-	-	9+	9+	1500	1	4
1012·4	-10	W	6	c/r	61	95	6	5	-	-	10	10	1500	2	4
1005·6	+4	W	3	bc	59	75	7	5	4	-	2·3	4·6	4000	1	3
1003·1	+14	W	5	pr	58	85	8	8	7	-	7·8	9+	1500	1	1
1002·5	+14	W'S	4	c	60	65	8	8	1	1	7·8	9	1500	1	*
1002·3	+16	W	4	c	58	75	8	8	-	2	7·8	7·8	2500	2	*
1001·2	+16	W'N	5	c	57	75	8	8	7	-	7·8	9	1500	1	*
998·1	-6	SW	5	q	56	85	9	3	-	-	9+	9+	1500	1	*
998·6	-10	W	5	c	61	95	7	5	2	-	7·8	9+	1500	1	4
999·9	+14	WNW	2	c	57	65	8	8	7	-	4·6	7·8	2500	1	*
994·2	+12	W	4	bc/p	57	85	7	9	-	-	4·6	4·6	1500	1	2
992·5	0	SW	5	c	53	85	7	9	1	-	7·8	9+	1500	1	3
991·3	-10	W	3	bc	50	85	7	8	-	-	4·6	4·6	1500	1	*
994·5	+2	NW'W	4	pr	49	85	8	9	-	-	7·8	7·8	1500	1	*
995·7	+16	W	6	PR	49	76	6	9	6	-	4·6	9+	1500	1	*
995·6	+10	WNW	7	pr	49	75	7	9	7	-	9	9+	1500	1	4
993·7	-12	NNW	3	c/pr	48	95	7	5	2	-	9	10	1500	1	1
991·0	-16	W	2	c	47	85	6	4	4	-	7·8	10	1500	1	*
989·5	-34	W'N	2	c3o	51	95	6	5	7	-	2·3	7·8	1500	1	2
990·6	-14	SE	4	rr	49	95	7	9	2	-	7·8	10	1500	1	3
995·9	-30	SE	3	rr	47	95	7	9	2	-	7·8	10	1500	1	*
1007·4	+18	WNW	5	q	52	85	8	9	-	-	4·6	4·6	4000	0	4
999·2	+20	WNW	6	c	51	75	7	8	-	-	7·8	7·8	1500	2	4
1003·3	+16	W	5	bc	50	75	8	5	3	-	4·6	4·6	1500	1	*
1000·1	+8	NW	5	bcq	50	75	8	5	-	-	4·6	4·6	1500	1	3
1006·8	+16	NW	4	bc	55	65	8	5	-	-	2·3	2·3	2500	1	*
1012·3	+16	WNW	5	bc	56	75	8	8	-	-	4·6	4·6	1500	1	4
1010·1	+10	NW	4	bc	58	85	8	3	-	-	4·6	4·6	2500	1	4

PAST 24 HOURS.

Weather. 7h.–15h. 22nd... (37)	Weather. 15h.–18h. 22nd... (38)	Weather. 18h. 22nd to 1h. 23rd... (39)	Weather. 1h.–7h. 23rd... (40)
ccr$_o$r	crrcid$_o$	cr$_o$b	b
cd$_o$d$_o$r$_o$	orrr$_o$d$_o$	od$_o$cbcb	b
cd$_o$od$_o$r	d$_o$r-id$_o$	cbrbb	bw
odorr	orrid$_o$	id$_o$cbc	bcb
cddcrrr	rrd$_o$d$_o$	id$_o$cbc	bcb
coddmo	rrf d$_o$d$_o$	oddcb	b
bccr$_o$d$_o$	cd$_o$r$_o$	*	d$_o$cbcb
bccpd$_o$	orrirc	cirqb	bqb
cid$_o$	orr r$_o$	o.r$_o$-b	b
bccoq	orrq	oirq	obcq
cr$_o$r$_o$	cr ir$_o$	bccpr	bcb
cr$_o$r	or bc	bc	bcb
d$_o$orr	rrd$_o$r$_o$	bcbw	bw
cor	r$_o$cb$_o$bc	bccbc	bc
rr 3$_o$	rr c3$_o$	bcc	cbc
omRRd$_o$d$_o$	om rrc$_o$	cir$_o$	cbc
orrpr	brifc	cbc	bc
ddir$_o$	old$_o$c	id$_o$bc	cbcc
coidr	orrd	oidbc	bc
cqm$_o$irr	cqbc	bcqy	bcq
rrbcc	cbrq⊕	☾cbcq	bcq
m$_o$RRcc	cir$_o$	cbcbrq	bcbr$_o$
o.-kyc	cqc	☾bqpr	qcbq
rrRr	crr$_o$q	cbrqb	br$_o$bc
corr	ocirq	cbq	bq
orr	rrc	cbcq	bcq
omirom	omrrcq	bcrrqbc	bcq
orrq	orrbcp	bcpcq	cbcq
orr	oir3	cir	cbcq
crrm$_o$	crDid$_o$	cbrb	bbcq
orrmd$_o$	id$_o$cPRq	cbrqbc	bcqpr$_o$
crrm$_o$	Drcbr	cbr	cbr$_o$
LR rr	PRq	cPRh	bc
cir$_o$c	cbr$_o$	cpr$_o$bc	bcbr$_o$
rr	ir	*	ir
crrm$_o$	orrc	bccbr	br$_o$cq
crr	crr	cpr	cbr
cbr	cbr rr	orrm$_o$	orrm$_o$
cDrq	bcq	pr$_o$bcq	bc
cLR	cbr	cprbc	cbr$_o$
cd$_o$	ccbr$_o$q	cPRbc	bccir$_o$
gorrc	pr$_o$bcq	bcbr$_o$c	cbc
cr$_o$	cbc	bc	bcc
oidc	cbr$_o$bc	bc	bcc
orbc	bc	bcb	bbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc: sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus,
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⟋ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; –, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

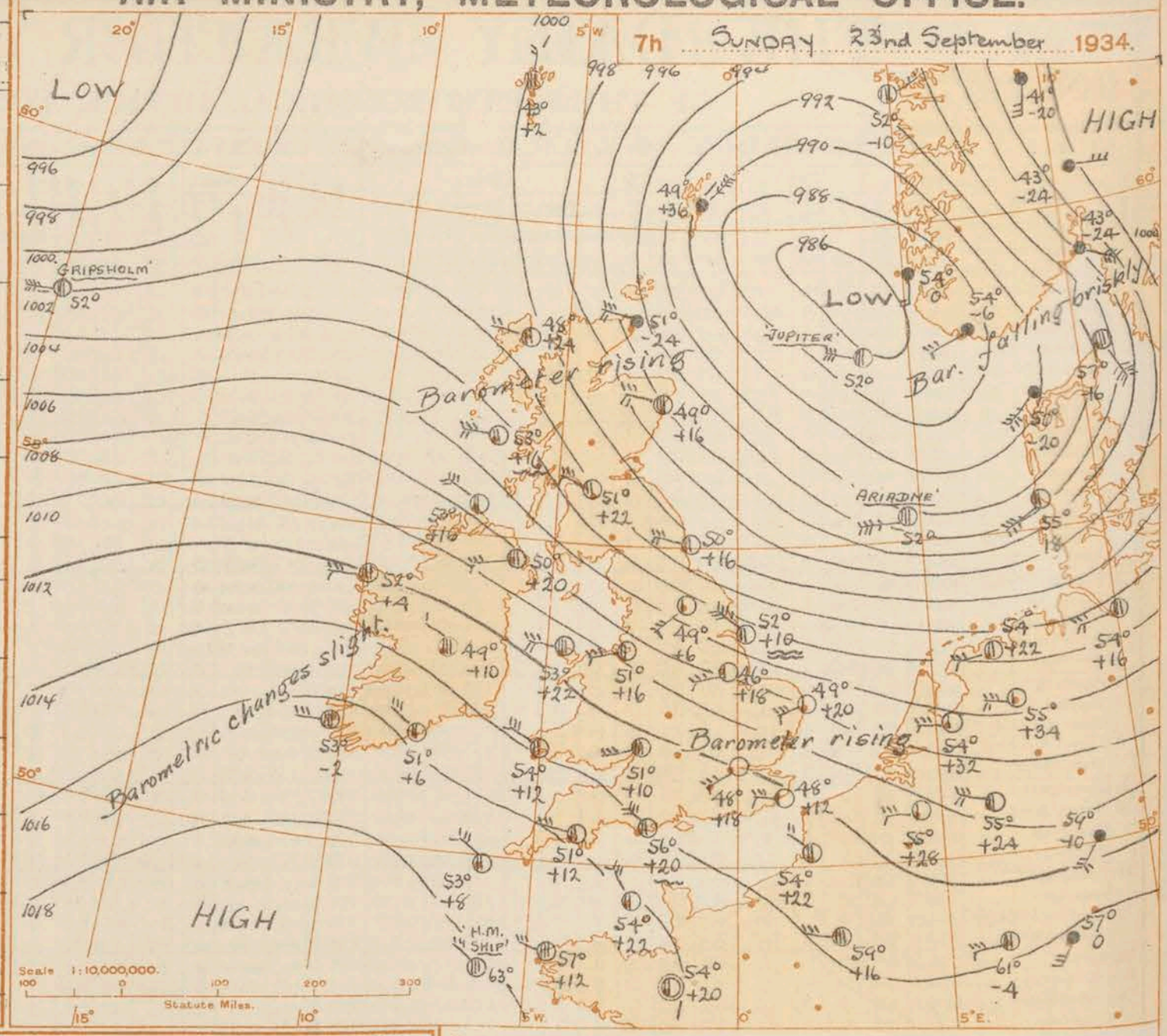
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for ....22nd September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.
1	Tunbridge W.	odr	oro	40	62	–	4	0·1	2·2
	Bournemouth	odq	oro	47	62	0·5	6	0·0	1·2
	Ventnor ...	odcdm	orm	58	61	0·3	7	0·1	1·8
	Southsea ...	cor	ordp	50	62	Tr	7	0·1	2·6
	Bognor Regis	rbcm	rrra	49	?	0·5	8	0·1	2·9
	Littlehampton	ccr	crc	45	63	0·2	9	0·0	2·0
	Worthing ...	cor	rrd	47	63	Tr	9	0·1	3·0
	Brighton ...	crc	crc	46	63	–	10	0·1	3·9
	Eastbourne†	o	od,rc	48	63	–	11	0·2	3·3
	Hastings† ...	odb	orr	51	62	Tr	6	0·7	2·6
	Folkestone ...	bccod	or	43	63	–	5	1·0	1·4
	Dover... ...	odcor	oir	43	63	–	5	1·0	1·5
	Deal	bccdp	orr	45	64	–	3	0·9	2·2
	Ramsgate ...	c	cro	50	63	–	1	1·3	1·5
	Margate ...	bccd	crd	51	64	–	2	1·7	3·4
2	Southend ...	?	?	51	66	Tr	3	0·3	1·9
	Maldon ...	oc	cor	43	64	–	3	0·1	1·8
	Clacton-on-Sea	bcc	cocrr	49	63	–	4	0·5	1·8
	Dovercourt ...	bcc	roc	45	63	–	6	0·7	2·1
	Lowestoft ...	c	oiror	44	62	–	?	0·2	0·7
	Skegness ...	oro	or	41	60	Tr	4	0·0	0·6
	Mablethorpe	or	or	40	60	Tr	5	0·0	1·5
	Cleethorpes ...	orr	roc	42	61	0·3	3	0·0	2·5
3	Leamington S.	oro	orc	39	62	–	6	0·0	0·7
4	Cheltenham†	coir	oirc	43	61	Tr	3	0·2	2·3
5	Bath	crr	rddc	45	63	Tr	5	0·0	5·0
	Weymouth ...	d,rr	rrc	51	62	1	11	0·0	3·6
	Jersey ...	rc	cbr	58	65	3	(5)	0·4	1·8
	Torquay ...	orr	ridbc	56	63	0·4	7	0·0	4·3
	Penzance ...	rror	c'	53	62	4	1	0·0	1·3
	St. Ives† ...	pr	o	55	62	!	4	0·0	1·9
	Bude	orr	rr	49	60	9	6	0·0	3·7
	Ilfracombe ...								
6	Aberystwyth	obr	prbcc	46	62	3	6	2·1	4·4
7	Llandudno ...	rc	crbcc	50	64	4	2	2·0	3·3
	Colwyn Bay...	cdbcc	obcbc	49	64	5	0·5	0·7	3·8
	Rhyl	cbrc	cbcc	48	64	5	1	1·1	2·6
8	Wallasey ...	ir	ircbc	48	64	7	7	0·5	4·3
	Southport‖ ...	orr	roc	48	61	4	4	0·2	0·2
	Blackpool ...	oro	orc	48	60	5	4	0·0	3·1
	Morecambe ...	rror	oricc	48	61	6	7	0·0	6·2
9	Ilkley... ...	oro	ro	43	60	2	10	0·0	4·6
10	Berwick-on-T.	oRR	Roc	42	58	2	7	0·1	6·1
11	Dunbar ...	crr	crr	44	58	2	6	0·2	9·0
12	Troon... ...	rrora	rcrrc	50	54	14	?	1·5	7·4
	Douglas ...	RRm	ccba	54	60	21	10	1·3	4·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd. Sept., 1934.
1. S.E. England	Moderate or fresh northwest wind, fair apart from scattered showers; rather cool.
2. E. England...	Fresh northwest wind, strong at times, moderating; fair apart from scattered showers; rather cool.
3. E. Midlands 4. W. Midlands 5. S.W. England.	As 1.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Fresh northwest wind, moderating, backing west; bright intervals showers; rather cool.
10. N.E. England 11. S.E. Scotland	Strong west to northwest wind, moderating; bright intervals, showers; rather cool.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. / B. N.W. Scotland	Moderate or fresh northwesterly wind, decreasing; bright intervals, showers; rather cool.
14. Mid-Scotland 15. N.E. Scotland	Strong northwest wind, gale at times in exposed places, moderating; bright intervals, showers; rather cool.
16. Orkneys and Shetlands.	Orkneys - moderate or fresh northwest wind, decreasing, Shetlands - northeasterly wind, strong to gale, backing,
17. N.W. Ireland	decreasing; bright intervals, showers; cool.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh northwest wind, backing, decreasing; bright intervals, showers; rather cool.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 3/10 clouded. ◑Sky 3/10 to 5/10 clouded. ◕Sky 7/10 to 9/10 clouded ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡Mist. TThunder. ⛈Thunderstorm. ∞Slight haze.
SEA DISTURBANCE. ⌒⌒Rough. ≈≈High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A vigorous depression northeast of Scotland is moving east, while a wedge of high pressure west of Ireland is moving across the British Isles.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1100 G.M.T.

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

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

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

Morning of
Sunday
23rd. September
1934.

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

Lambert's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Sunday 23rd September 1934.

No. 266a.3.

OBSERVATIONS at 1 hr. G.M.T. 23rd September

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1007.9	+6	WSW	4	b	55	85	8	-	3	1	0	Tr	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1008.1	+8	W	4	b	55	85	8	1	-	-	1	1	1500
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1003.4	+6	W'S	5	o/r	54	75	6	6	-	-	10	10	1500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1010.5	+14	NW	5	c	58	85	8	5	4	-	4.6	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1013.9	+10	NW	4	bc	55	85	8	4	6	-	4.6	4.6	2500
	Scilly (St.Mary's)	163	1015.1	+12	NW	4	c	55	85	8	8	-	-	9	9	2500
	Guernsey ...	175	1013.2	+10	WNW	4	bc	57	85	8	6	-	-	4.6	4.6	2500
6	Pembroke ...	142	1011.1	+12	WNW	4	q	54	55	7	7	4	-	2.3	4.6	5700
7	Holyhead ...	26	1006.9	+10	W'N	7	bc	52	75	8	7	-	-	2.3	2.3	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1000.8	+4	NW	7	q	50	85	8	1	7	-	1	4.6	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	999.9	+8	W	6	c/pr	47	75	8	9	-	-	7.8	7.8	1500
11	Inchkeith ...	190	999.5	+10	SW	6	c	49	85	8	8	-	-	9+	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	997.4	+26	NW	3	bc	48	85	8	8	6	-	2.3	4.6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	990.3	+6	WNW	3	pr	47	95	8	8	1	8	7.8	9	1500
16	Lerwick ...	54	987.1	-26	ENE	6	rr	48	95	6	6	-	-	10	10	800
17	Blacksod Point	18	1011.0	+18	WNW	4	q	52	85	8	9	7	7	4.6	4.6	4000
18	Malin Head ...	52	1003.4	+20	W	5	c	52	85	7	2	-	-	7.8	7.8	1500
	Aldergrove ...	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1014.9	+10	WNW	5	bc	54	85	8	7	-	-	4.6	4.6	4000
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 23rd September

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)
1012.3	+18	WSW	3	b	49	75	8	-	-	-	0	0	-	1	*
1012.5	+18	SW'W	4	b	48	75	8	-	-	-	0	0	-	1	*
1012.6	+14	WSW	3	b	47	85	8	-	-	-	0	0	-	1	*
1013.3	+14	W	4	bc	47	75	7	5	-	-	1	1	5700	1	*
1014.0	+20	SW'W	3	b	48	85	7	1	-	-	Tr	Tr	4000	0	1
1012.9	+12	WNW	4	b	48	75	8	1	-	-	Tr	Tr	2500	*	§2
1011.5	+22	WSW	4	b	50	75	8	1	-	-	Tr	Tr	2500	1	*
1011.5	+18	W	4	b	51	85	8	-	-	-	0	0	-	1	*
1010.0	+20	WSW	4	b	50	65	8	-	-	-	0	0	-	0	2
1007.5	+20	SW'W	4	b	49	65	6	-	-	-	0	0	-	1	3
1007.7	+18	WSW	4	bc	46	85	7	5	-	-	1	1	1500	1	*
1010.8	+18	WSW	3	b	47	75	8	5	-	-	Tr	Tr	2500	1	*
1011.4	+18	W'S	3	bc	47	85	8	5	-	-	1	1	4000	1	*
1012.1	+10	W'S	3	c	51	75	8	5	-	-	7.8	7.8	4000	1	*
1014.0	+20	NW	5	bc	56	85	8	4	-	-	4.6	4.6	2500	1	4
1016.0	+12	WNW	3	bc	51	85	8	5	-	-	2.3	2.3	2500	1	2
1016.8	+8	NW	3	bc	50	85	8	5	4	-	4.6	4.6	2500	1	2
1017.0	+8	NW'W	4	bc	53	85	8	4	-	-	2.3	2.3	2500	1	3
1016.3	+22	NNW	4	bc	54	75	8	8	-	-	4.6	4.6	2500	1	3
1012.9	+12	NW	4	bcq	54	65	7	5	6	-	2.3	4.6	5700	0	3
1010.3	+22	W'N	5	c	53	75	8	8	-	-	9	9	1500	1	3
1009.4	+16	W'S	4	bc/pr	51	75	8	9	-	-	4.6	4.6	1500	1	*
1008.5	+14	WNW	6	c/pr	52	75	7	9	-	-	7.8	7.8	1500	1	*
1007.7	+20	W'N	4	bc	50	75	7	9	4	-	4.6	4.6	2500	1	*
1004.6	+6	SW	4	bcq	49	75	9	6	3	-	Tr	1	2500	1	*
1004.1	+10	NW	7	bc	52	85	7	-	1	-	0	2.3	-	0	6
1003.2	+10	W	4	bcq	51	65	8	5	-	-	2.3	2.3	4000	0	*
999.9	+16	WNW	5	bc	50	75	8	2	-	-	2.3	2.3	2500	1	3
999.5	+12	W	5	bc	52	75	8	8	-	-	2.3	2.3	1500	1	3
998.4	+26	WNW	5	bc	50	65	9	7	-	-	2.3	2.3	4000	1	*
1002.5	+22	NW'W	4	bc/pr	51	75	8	7	-	-	2.3	2.3	2500	1	*
1002.7	+30	W'N	5	pr	47	85	8	5	-	-	9+	9+	1500	1	*
1004.2	+16	WNW	5	bc	53	65	7	8	4	-	2.3	2.3	2500	1	4
1001.5	+24	WNW	2	bc	48	85	8	5	-	-	2.3	2.3	1500	1	*
1000.6	+30	W	4	c	47	85	8	4	4	-	4.6	7.8	1500	1	*
994.6	+16	WNW	5	c	49	75	8	6	3	-	4.6	7.8	2500	1	2
994.4	+24	WNW	5	pr	51	85	7	9	2	-	7.8	10	1500	1	3
988.9	+36	NE	8	rr	49	95	6	6	2	-	9	10	800	1	*
1012.4	+4	WNW	4	c	52	85	8	-	7	-	0	9+	-	0	2
1006.7	+16	NW	5	c	52	85	7	8	-	-	9+	9+	1500	2	3
1008.8	+20	W'S	4	c/r	50	85	7	5	3	-	7.8	9	1500	1	*
1007.4	+20	W	3	bc	49	85	8	5	-	-	4.6	4.6	1500	0	2
1012.4	+10	NW	1	c	49	85	8	5	-	-	9	9	2500	1	*
1016.2	-2	W'N	3	c	53	75	8	5	-	7	4.6	7.8	1500	1	3
1015.3	+6	NW	3	bc	51	85	8	3	-	-	4.6	4.6	2500	1	3

PAST 24 HOURS.

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 22nd. Hrs. (36)
63	48	43	3	0.1	0.0
62	48	44	4	0.3	0.1
62	43	30	3	0.1	0.1
61	42	38	4	0.6	0.0
63	46	43	7	Tr	0.2
61	47	43	4	0.4	1.0
64	48	45	1	0.1	1.3
66	48	44	3	Tr	0.7
64	49	45	5	0.3	0.6
62	47	46	3	0.2	0.7
61	45	43	4	1	0.0
61	44	41	6	-	0.5
60	43	38	6	-	*
63	49	44	3	-	0.5
62	53	*	10	-	*
61	51	46	11	Tr	0.0
60	48	*	5	-	*
60	52	*	3	Tr	0.0
63	54	49	7	0.3	0.9
64	53	*	8	-	3.1
63	51	50	8	-	2.2
66	50	43	4	0.2	1.2
61	45	43	6	1	0.8
62	47	42	11	1	0.7
59	50	42	10	-	0.0
62	48	*	4	-	0.0
61	43	39	3	2	0.3
61	46	38	8	Tr	*
54	46	44	15	Tr	0.0
53	46	42	11	1	0.6
54	45	41	18	0.5	0.3
57	41	38	11	3	0.2
53	46	42	12	2	0.2
53	45	*	2	0.4	2.2
48	42	40	10	6	0.0
51	47	45	14	0.4	0.0
51	41	*	8	2	*
51	47	*	4	13	0.4
57	49	*	1	Tr	*
57	48	*	10	0.6	2.8
60	45	40	7	0.5	1.2
62	45	*	10	0.2	*
63	47	43	0.6	-	6.0
59	53	48	0.1	-	0.8
64	50	*	1	-	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	ccr	crrcid	c	63	48	43	3	0.1	0.0	*	*	8
Croydon	217	cd	orrrid	cd	62	48	44	4	0.3	0.1	*	*	8
Greenwich (Royal Observatory) ...	149	cd	crrcr	crb	65	47	40	4	1	0.0	95	66	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	64	49	43		4	0.0	83	71	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	63	48	41	5	0.3	0.0	97	73	*
Camden Square	110	ccd	cacrc	*	63	48	42	5	2	*	*	67	*
Kensington	80	bc	cr	*	63	48	40	4	0.6	0.0	94	18h. 65	*
Hampstead Observatory	450	or	or	b	61	44	36	5	-	0.0	*	79	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 23rd.

South Kensington. Max.	Time.	Min.	Time.
03	whole period		

Kew Observatory. Max.	Time.	Min.	Time.
0.2	7h. 22nd	0.1	22h. 22nd. – 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.
Paris	1013.9	SSW	4	cld	64	1013.7	WNW	3	c/r	59
Brussels	1010.3	SSW	5	pr	63	1010.4	W	4	b	55
Berlin	1016.1	S	1	bc	57	1007.0	SSW	5	r	57
Zürich	1019.6	WNW	3	bc	61	1018.0	SE	2	c	48
Rome						1016.1	SSW	1	c	64

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
68	59	Tr	3
66	54	Tr	6
66	50	-	0.5
72	48	-	-
*	*	-	-

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. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 24th September 1934.

No. 26604

OBSERVATIONS at 13h. G.M.T. 23rd September

District	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)
1	London (Kew)	1013·6	+4	WNW	4	c	59	55	8	1	-	5	7·8	7·8	4000 1500
	Croydon	1013·6	+2	W	4	c	58	55	8	7	-	-	7·8	7·8	2500
	S. Farnborough	1013·8	+2	W	4	bc	62	45	8	1	-	6	4·6	4·6	4000
	Boscombe Down	1014·5	+6	W'N	4	c	58	65	8	7	-	8	4·6	7·8	2500
	Calshot, S'thmtn	1014·9	+2	W	4	bc	60	65	8	7	-	6	4·6	4·6	4000
	Lympne	1013·8	+2	WNW	4	bc	59	45	8	7	-	-	4·6	4·6	4000
	Manston	1012·5	+4	WSW	5	bc	61	56	8	-	-	-	2·3	2·3	2500
2	Shoeburyness	1012·6	+6	W'N	4	bc	63	65	8	7	-	-	4·6	4·6	2500
	Felixstowe	1011·6	+10	WNW	4	bc	59	55	9	5	-	-	4·6	4·6	2500
	Gorleston	1009·7	+10	W'S	5	bc	60	75	7	7	-	-	4·6	4·6	4000
	Cranwell	1010·3	+10	W'N	5	c	58	65	7	8	3	6	4·6	9	1500
3	Birmingham	1012·5	+8	W	4	c	58	55	8	7	-	1	7·8	7·8	2500
	Upper Heyford	1012·6	+2	W'N	6	bc	53	55	8	7	-	9	4·6	4·6	2500
4	Ross-on-Wye	1013·8	+10	W	4	c	59	55	8	7	-	6	2·3	7·8	4000
5	Portland Bill	1015·5	+4	WNW	5	c	60	75	8	4	-	-	7·8	7·8	2500
	Plymouth	1016·7	+4	WNW	4	c	58	65	8	5	-	6	4·6	7·8	2500
	The Lizard	1017·3	0	W'S	3	c	59	75	8	8	7	-	4·6	7·8	2500
	Scilly (St. Mary's)	1018·4	0	W	3	c	57	75	7	5	-	-	10	10	2500
	Guernsey	1017·7	+4	NW	3	c	59	65	8	8	7	-	4·6	7·8	2500
6	Pembroke	1014·7	+6	WNW	3	c	57	65	7	8	2	5	4·6	7·8	4000
7	Holyhead	1012·4	+10	W'N	5	c	58	55	8	1	-	6	2·3	7·8	1500
	Chester (Sealand)	1012·2	+14	W'N	5	c	57	65	8	9	-	4	7·8	7·8	2500
8	L'pool (Bidston)	1011·8	+14	WNW	6	q	55	65	8	8	-	-	7·8	7·8	2500
	Manchester	1011·0	+18	WNW	5	c/pr	55	75	7	9	-	-	9+	9+	2500
9	Harrogate	1007·3	+10	SW'W	5	q	58	55	9	3	-	9	1	2·3	2500
10	Spurn Head	1007·1	+8	NW	7	q	60	65	8	1	7	-	2·3	4·6	4000
	Catterick	1007·0	+14	W'N	5	bc	58	55	9	7	4	4	4·6	4·6	4000
	Tynemouth	1005·2	+28	WNW	6	bc	58	55	7	3	-	-	4·6	4·6	2500
11	Inchkeith	1003·8	+22	W	5	bc	57	55	8	2	6	3	2·3	2·3	4000
	Leuchars	1003·5	+30	WNW	5	bc	57	55	9	7	4	1	2·3	2·3	4000
12	Renfrew (Abbotsl)	1006·1	+14	WNW	4	c	56	65	8	8	-	1	7·8	7·8	2500
	Eskdalemuir	1006·6	+20	W'N	6	c	55	65	8	8	-	1	7·8	7·8	2500
13A	Tiree	1006·4	+6	WSW	4	c	54	75	8	5	7	-	9	10	1500
13B	Stornoway	1002·6	+4	W	4	c	53	75	8	8	6	-	7·8	9	1500
15	Dalwhinnie	1004·2	+18	W	4	c	52	65	8	4	-	-	7·8	7·8	4000
	Aberdeen	1001·3	+38	W'N	5	bc	56	55	8	8	-	-	2·3	2·3	2500
	Wick	1000·0	+22	WNW	6	c	54	75	8	8	1	-	4·6	7·8	1500
16	Lerwick	994·6	+24	N'W	5	c	52	85	8	8	2	-	7·8	9+	1500
17	Blacksod Point	1011·0	-6	S'W	3	c	57	75	8	5	-	-	10	10	4000
18	Malin Head	1008·1	0	W'S	4	c/p	54	85	7	8	-	-	9+	9+	1500
	Aldergrove	1010·3	+6	W'S	4	c	56	65	8	7	-	5	7·8	7·8	2500
	Donaghadee	1009·9	+6	NW	3	c	57	65	8	5	-	-	7·8	7·8	1500
19	Birr Castle	1013·6	-4	WSW	2	c	56	66	8	6	-	-	10	10	2500
20	Valentia Obsy.	1015·1	-10	SSW	4	c	57	75	8	5	1	-	7·8	10	2500
	Roches Point	1015·0	-4	NW	2	c	57	75	8	5	-	-	7·8	7·8	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)
London (Kew)	1014·0	+4	SW	2	c	57	65	6	-	2	6	9+	9+	5700	1	*
Croydon	1013·9	+2	SW'S	3	c	56	65	6	-	7	6	0	9+	-	1	*
S. Farnborough	1014·1	+2	WSW	2	c	55	65	7	-	7	-	0	9	-	1	*
Boscombe Down	1014·4	-4	W	3	c	52	75	8	-	7	-	0	9	-	0	*
Calshot, S'thmtn	1014·5	-2	W'S	2	c	56	75	8	5	7	-	4·6	7·8	2500	0	0
Lympne	1014·8	+6	W'S	2	c	55	65	8	1	-	-	Tr.	9	5700	1	§2
Manston	1013·4	+6	SSW	3	bc	57	65	8	7	3	-	2·3	4·6	2500	0	*
Shoeburyness	1013·3	+4	W	2	c	57	75	7	-	9	-	0	7·8	-	0	*
Felixstowe	1012·5	+8	W	2	c	58	55	7	5	-	8	2·3	7·8	4000	0	1
Gorleston	1011·5	+10	WSW	3	c	59	55	7	5	-	-	7·8	7·8	4000	0	2
Cranwell	1011·3	+6	NW'W	2	c	52	75	7	4	3	6	1	7·8	4000	1	*
Birmingham	1012·5	0	WSW	3	c	54	65	8	6	3	-	1	7·8	2500	1	*
Upper Heyford	1013·2	+6	W	2	c	53	75	8	5	7	8	1	9+	4000	1	*
Ross-on-Wye	1013·1	-6	WSW	3	c	54	75	8	6	1	6	1	9	2500	0	*
Portland Bill	1014·6	-6	WNW	4	c	58	75	8	4	-	-	10	10	2500	1	3
Plymouth	1015·3	-10	WSW	3	c	56	75	7	5	2	-	7·8	10	2500	1	2
The Lizard	1016·0	-6	WSW	3	c	55	85	8	5	-	-	9+	9+	2500	1	2
Scilly (St. Mary's)	1015·8	-12	SW'W	3	c	55	85	7	6	-	-	10	10	2500	0	2
Guernsey	1016·9	-6	W	1	c	55	75	8	5	-	-	7·8	7·8	4000	1	2
Pembroke	1012·9	-8	W	3	c	55	75	7	8	2	-	4·6	9+	4000	0	3
Holyhead	1011·0	-10	WSW	2	c	56	65	8	5	1	8	7·8	10	4000	1	2
Chester (Sealand)	1012·0	-2	SW'W	2	c	54	65	7	5	3	6	1	9	4000	1	*
L'pool (Bidston)	1011·6	0	W	4	c	54	65	8	8	-	8	4·6	7·8	2500	0	*
Manchester	1011·4	+2	WNW	3	3c	53	75	6	4	-	2	4·6	9	2500	1	*
Harrogate	1009·9	+6	SW	1	c	52	75	8	6	7	-	2·3	9	2500	1	*
Spurn Head	1009·7	+6	NW	6	c	56	85	7	5	2	1	4·6	7·8	2500	0	5
Catterick	1008·8	+6	W'S	3	c	53	65	8	5	5	6	2·3	7·8	4000	0	*
Tynemouth	1007·0	+26	W	3	bc	55	65	6	2	-	1	4·6	4·6	2500	1	2
Inchkeith	1006·5	+12	W	5	c	53	75	8	4	4	9	4·6	9+	2500	0	3
Leuchars	1005·0	+14	W	4	c	53	65	8	4	9	1	2·3	9+	4000	1	*
Renfrew (Abbotsl)	1006·8	0	W	3	c	51	75	8	6	-	-	9+	9+	2500	1	*
Eskdalemuir	1007·7	+4	WSW	3	c	50	75	8	5	3	-	7·8	9	4000	1	*
Tiree	1004·2	-20	SW	4	c	Sl. (53)	85	7	6	7	-	9	10	800	1	4
Stornoway	1000·8	-16	SSW	4	c	51	85	8	8	7	-	4·6	9	1500	1	2
Dalwhinnie	1004·3	0	SW	3	bc	48	75	8	8	-	4	4·6	4·6	2500	0	*
Aberdeen	1003·7	+14	W'N	2	bc	53	65	8	7	5	4	1	4·6	4000	1	2
Wick	1001·8	+8	W	3	c	51	85	8	8	1	8	4·6	9	1500	1	2
Lerwick	998·2	+16	N'W	3	bc	50	85	8	4	7	-	2·3	4·6	1500	1	*
Blacksod Point	1007·7	-20	SW	3	c	55	85	8	5	-	-	9+	9+	2500	0	3
Malin Head	1006·1	-16	WSW	4	c	54	85	7	8	-	-	9+	9+	1500	0	3
Aldergrove	1008·7	-10	SW'S	3	c	52	85	8	5	-	-	9+	9+	4000	1	*
Donaghadee	1008·9	-2	SW	3	c	54	75	8	6	-	-	9	9	1500	0	0
Birr Castle	1010·8	-14	WSW	2	c	55	75	8	5	-	-	9+	9+	2500	1	*
Valentia Obsy.	1011·3	-26	S'W	3	c	54	85	8	5	-	-	10	10	1500	1	2
Roches Point	1012·7	-18	W	3	c	55	75	8	5	-	-	7·8	7·8	1500	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)
London (Kew)	bbcc	cc3o	cjo	cjo
Croydon	bvbcy	beyc	cbcmoc	c
S. Farnborough	bcy	beyc	cbcmo	bccmo
Boscombe Down	bbcybc	bcc	cbc	coidro
Calshot, S'thmtn	bcq	c	cbc	bccr
Lympne	bvbcy	beyc	cbc	cbc
Manston	bbc	bbc	bc	bcc
Shoeburyness	bbc	bcc	cbc	bc
Felixstowe	bbcvy	bcvycy	cyc	c
Gorleston	bbcq	bccqy	cbcc	cicc
Cranwell	bc	cyc	c	coido
Birmingham	bcb	bcc	c	c
Upper Heyford	bbcq	bccqy	cbcc	cro
Ross-on-Wye	bc	cyc	c	coido
Portland Bill	bcc	c	c	oPR
Plymouth	bcc	c	coido	oddrrmo
The Lizard	bcc	c	cpro	prfr
Scilly (St. Mary's)	bcc	c	cpir	rroot
Guernsey	bcc	cbcc	co	cprbc
Pembroke	bcc	c	c	oyprmo
Holyhead	cqbcy	cyc	c	ccro
Chester (Sealand)	cpro	bcc	c	c
L'pool (Bidston)	acbcq	qbcc	c	o
Manchester	prqc	bcc3o	cmo	cmo
Harrogate	bq	bbcc	cbc	bcc
Spurn Head	bcq	qc	cbc	bc
Catterick	bcyq	bcybc	bcc	c
Tynemouth	bcq	bcq	bcc	co
Inchkeith	bcqv	bcq	cv	c
Leuchars	bcqy	bcyc	c	ccro
Renfrew (Abbotsl)	bcpro	bcc	c	cmoro
Eskdalemuir	bcpro	probcc	proc	c
Tiree	bcprqc	cid	cprq	rriR
Stornoway	cpro	cproc	crr	crrir
Dalwhinnie	bc	bc	*	rro
Aberdeen	bcbyq	bqybc	bc	bcc
Wick	prmo	c	c	cproc
Lerwick	crrir	cbc	bcc	cpro
Blacksod Point	c	proc	cq	prbcq
Malin Head	cpro	c	c	cir
Aldergrove	cdobc	c	c	ccddorr
Donaghadee	bcc	c	c	c
Birr Castle	c	c	c	coir
Valentia Obsy.	c	c	cbcc	prproc
Roches Point	~~bcc~~ Stet	c	c	cpoc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/so, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
so/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. ⸗ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb–St).
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.

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

§ Sea disturbance reported from Dungeness.

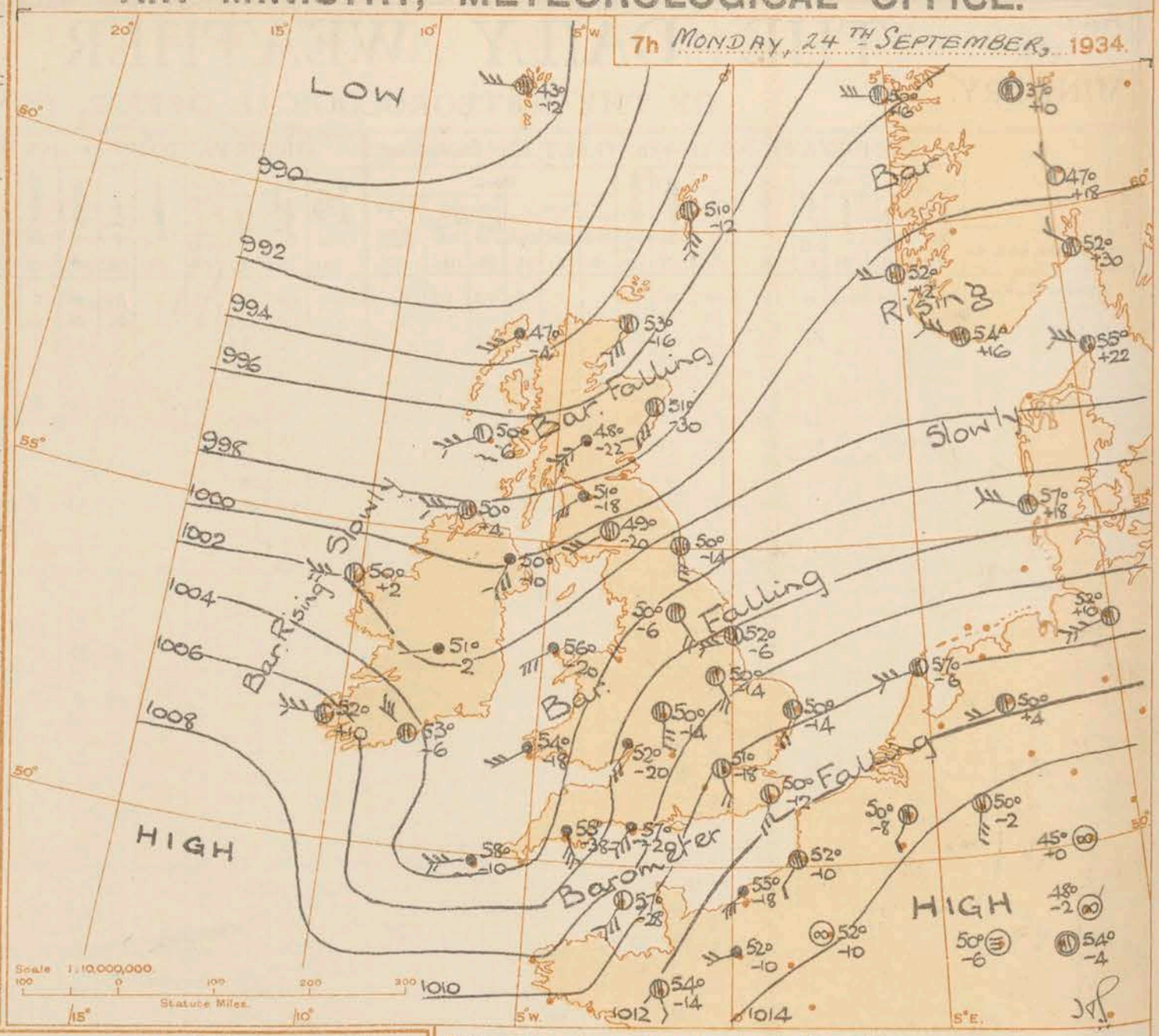
REPORTS from HEALTH RESORTS for 23rd September 1934.

Division	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperatures. Min. 9h. 22nd to 9h. 23rd	Temperatures. 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
1	Tunbridge W.	b	bco	45	62	1	-	8·5	0·1
	Bournemouth	b	bcco	45	63	-	-	7·0	0·0
	Ventnor ...	orb	bbccu	48	62	1	-	8·3	0·1
	Southsea ...	b	bcc	49	63	Trace	-	8·0	0·1
	Bognor Regis	b	bbcc	47	62	0·3	-	8·3	0·1
	Littlehampton	bbc	bc	47	63	0·1	-	8·5	0·0
	Worthing ...	b	bbc	48	63	0·3	-	9·0	0·1
	Brighton ...	bc	bc	49	63	Trace	-	8·4	0·1
	Eastbourne†	b	bbcc	49	62	0·2	-	8·8	0·2
	Hastings† ...	b	bbcc	49	62	2	-	9·4	0·7
	Folkestone ...	b	bbcc	48	63	0·4	-	9·3	1·0
	Dover... ...	ybbc	bccy	50	64	0·5	-	9·4	1·0
	Deal	b	bbc	47	64	0·5	-	9·8	0·9
	Ramsgate ...	bcb	bbc	48	62	-	-	8·8	1·3
	Margate ...	bc	bc	50	61	Trace	-	9·1	1·7
2	Southend ...	bbc	bcc	47	65	-	-	8·9	0·3
	Maldon ...	b	bbcc	48	63	0·3	-	9·5	0·1
	Clacton-on-Sea	bcbbc	bcy	48	62	-	-	8·6	0·5
	Dovercourt ...	rbcy	bcy	48	61	2	-	9·5	0·7
	Lowestoft ...	b	bbc	46	62	1	-	8·2	0·2
	Skegness ...	bbc	bcobc	44	62	0·3	-	7·9	0·0
	Mablethorpe	bcv	bcc	45	62	-	-	6·6	0·0
	Cleethorpes...	b	b	46	61	-	-	9·2	0·0
3	Leamington S.	bc	c	46	62	-	-	8·0	0·0
4	Cheltenham†	cbc	bcc	51	60	-	-	4·8	0·5
5	Bath	b	bbcc	49	61	Trace	-	7·1	0·0
	Weymouth ...	b	bcc	48	64	-	-	7·0	0·0
	Jersey ...	rbc	bc	55	61	4	-	7·0	0·4
	Torquay ...	d,pwb	bcc	46	62	Trace	-	6·3	0·0
	Penzance ...	b	bbcc	50	61	Trace	-	5·6	0·0
	St. Ives ...	b	c	54	59	Trace	-	3·5	0·0
	Bude	bc	bcc	55	61	-	-	4·2	0·0
	Ilfracombe ...	ocbc	bcco	56	61	-	-	2·5	•
6	Aberystwyth	p;bc	bcc	53	58	0·3	-	4·8	2·4
7	Llandudno ...	cbc	bcc	51	58	0·1	-	5·9	2·3
	Colwyn Bay...	bccbc	cbc	51	58	0·3	-	4·5	1·0
	Rhyl	cp;c	cbc	51	60	0·1	Trace	5·4	1·2
9	Wallasey ...	bc	bcbbc	49	59	2	-	4·5	0·5
	Southport‖ ...	cpc	oc	49	59	2	0·1	5·7	0·4
	Blackpool ...	cbc	cbcc	50	59	-	-	7·7	0·0
	Morecambe ...	cbcc	bccbc	51	58	-	-	3·3	0·0
9	Ilkley	bc	bc	44	58	3	-	6·2	0·1
10	Berwick-on-T.	bc	bc	45	60	Trace	-	8·7	0·3
11	Dunbar ...	rbc	bc	45	59	0·3	-	6·8	0·2
12	Troon... ...	cbc	cdod.	47	54	3	Trace	5·9	1·5
	Douglas ...	cbq	cb	48	58	1	-	4·5	1·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 24TH SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th Sept. 1934.
1 S.E. England 2. E. England... 3. E. Midlands	Light to moderate or fresh southerly wind, veering southwest or west; dull, some rain; bright intervals and showers later; average or rather low day temperature.
4. W. Midlands 5. S.W. England	Moderate southwest wind, fresh locally, veering west; rain or drizzle at first then bright intervals and showers; average or rather low day temperature.
6. South Wales 7. North Wales 8. N.W. England	Light or moderate westerly wind; bright intervals and showers; rather cool.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light or moderate south or southwest wind, fresh locally, veering; cloudy, occasional rain, bright intervals later; average or rather low day temperature.
12. S.W. Scotland & Isle of Man	Moderate or fresh southwest to west wind; occasional rain or showers; bright intervals; rather cool.
13. A. W. Scotld. B. N.W. Scotland	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate or fresh south to southwest wind; occasional rain or showers; rather cool.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh westerly wind; bright intervals and showers; rather cool.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ 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. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ⚡ Thunderstorm. co Slight haze.
SEA DISTURBANCE ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low to northwest of the British Isles. A secondary depression off the Bristol Channel will move east or northeast. Weather will be unsettled.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 0930 G.M.T.

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

H.M. Stationery Off. & Press Kingsway W.C.2.

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

Morning of
Monday
September 24th
1934.

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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Monday 24th September 1934.

No. 26,604

OBSERVATIONS at 1 hr. G.M.T. 24th September

District	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)	°F. Temp. (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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1013.8	-6	S	3	C	49	85	7	-	7	-	0	10	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1014.1	-8	NW	2	C	48	85	8	1	-	8	Tr	9+	4000
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1012.5	-4	SW	2	C	50	85	7	-	1	-	0	9	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1011.9	-16	WSW	4	C	57	85	7	S	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1011.4	-20	SSW	4	pr	56	95	8	8	6	-	7-8	10	2500
	Scilly (St. Mary's)	163	1009.7	-34	S'W	4	ir	55	95	6	9	2	-	7-8	10	1500
	Guernsey ...	175	1014.8	-22	-	0	0	55	85	8	S	-	-	10	10	4000
6	Pembroke ...	142	1008.7	-16	SW'W	3	C	57	85	7	S	2	-	4-6	9+	4000
7	Holyhead ...	26	1007.2	-22	SW	4	C	56	75	8	S	1	-	7-8	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1009.6	-2	W'S	3	C	50	95	7	S	7	-	4-6	9	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1006.8	-8	W	2	C	52	75	7	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1003.3	-18	W	5	C	53	75	8	4	5	3	2-3	7-8	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	999.9	-24	SSW	6	rr	52	95	6	5	2	-	9	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	998.9	-18	SSW	4	C	51	95	8	8	1	-	7-8	10	1500
16	Lerwick ...	54	996.9	-4	WSW	5	C	49	95	8	8	1	-	4-6	9+	1500
17	Blacksod Point	18	1002.5	-22	SW	6	9	55	95	9	9	-	-	10	10	1500
18	Malin Head ...	52	1000.4	-24	S'E	4	C	51	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1006.5	-26	S	3	C	55	95	8	3	-	-	7-8	7-8	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 24th September

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (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)
1009.4	-18	5SW	2	C	53	85	6	-	7	-	0	9+	-	0	*
1010.7	-18	5'E	2	C	51	85	6	-	7	-	0	9+	-	1	*
1008.8	-18	5'E	2	C	52	85	6	-	7	-	0	9+	-	1	*
1008.2	-22	5'E	3	ic	52	85	6	5	-	-	10	10	1500	1	*
1009.6	-18	S	4	r	58	85	6	6	-	-	10	10	800	0	2
1011.2	-12	5SW	3	bc	53	75	8	7	8	-	4-6	4-6	2500	1	§3
1010.6	-14	5W	2	C	51	95	7	5	3	-	4-6	9+	4000	0	*
1010.0	-10	5SW	2	C	55	95	6	8	1	-	2-3	9	2500	0	*
1010.0	-18	5W	3	C	56	75	7	5	2	-	7-8	10	2500	0	2
1009.7	-14	5SW	2	C	50	85	6	5	-	-	9+	9+	2500	1	2
1007.7	-14	5'E	2	C	50	95	7	5	-	-	10	10	4000	1	*
1006.9	-14	S	3	C	50	85	7	5	7	-	1	9+	1500	1	*
1008.2	-20	S	2	dr	49	85	7	5	7	-	4-6	10	2500	1	*
1006.6	-20	S'W	2	ic	52	95	6	6	-	-	10	10	1500	1	*
1007.4	-20	SW	5	PR	57	95	7	3	-	-	10	10	1500	1	4
1005.4	-38	S'E	4	rr	55	95	5	6	-	-	10	10	450	1	2
1003.6	-28	SW	5	rf	59	95	3	5	-	-	10	10	1500	1	3
1003.3	-10	W'S	5	df	58	95	2	5	-	-	10	10	<150	1	4
1009.4	-28	S'W	4	bc	57	85	7	5	-	-	4-6	4-6	4000	1	3
1003.2	-18	SW	3	d	54	95	6	5	-	-	10	10	2500	1	3
1002.2	-20	SW	3	ic	56	85	7	6	1	-	7-8	10	1500	1	2
1004.8	-22	5E'S	3	C	51	85	6	5	2	-	4-6	9+	4000	1	*
1004.0	-24	5E	3	C	51	85	7	5	-	-	9+	9+	2500	0	*
1005.0	-20	S'W	3	3	51	85	6	-	7	-	0	10	-	1	*
1004.7	-6	5E'S	2	C	50	85	5	-	7	-	0	9	-	1	*
1006.5	-6	WSW	4	C	52	95	7	5	2	-	7-8	9+	2500	0	3
1003.4	-20	5E'E	2	C	50	85	7	5	5	1	4-6	9+	4000	0	*
1002.9	-14	S	3	0	50	95	6	6	-	-	10	10	1500	1	2
999.7	-18	5SW	4	C	53	75	8	5	2	-	4-6	9+	4000	0	2
999.0	-18	SW	2	ir	52	75	8	5	7	-	4-6	9+	4000	1	*
998.7	-18	SW	3	ir	51	95	5	6	-	-	10	10	800	1	*
1000.8	-20	SW'S	3	C	49	85	8	5	2	-	2-3	10	1500	1	*
996.5	-6	WSW	4	bc	50	75	8	3	-	-	4-6	4-6	2500	1	4
993.3	-4	SW	3	ir	47	85	8	8	6	-	7-8	9+	1500	1	2
996.1	-22	SW	6	rr	48	85	7	3	2	-	4-6	10	800	1	*
997.0	-30	5SW	4	C	51	75	8	5	7	8	2-3	10	4000	1	2
994.4	-16	5SW	4	C	53	95	8	8	1	-	7-8	10	1500	1	3
994.6	-12	5	5	cjpr	51	95	7	8	2	-	7-8	10	800	1	*
1002.1	+2	W	5	9	50	85	8	3	-	-	4-6	4-6	2500	0	3
998.1	+4	W	4	C	50	85	7	7	-	-	7-8	7-8	1500	1	1
1000.7	-10	5SW	4	rr	50	95	7	6	2	-	9+	10	800	1	*
1000.6	-12	SSW	1	cjp	53	85	8	5	-	-	9	9	1500	0	0
1001.8	-2	WSW	1	ir	51	95	7	6	-	-	10	10	2500	1	*
1006.4	+10	WNW	4	cjpr	52	85	8	8	-	-	9	9	1500	1	3
1005.2	-6	NW	3	C	53	95	8	3	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	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 23rd Hrs. (36)
1	61	51	46	-	-	7.6
	62	49	47	-	-	7.7
	65	46	36	-	-	7.7
	61	47	44	-	Tr	7.7
	62	51	47	-	Tr	8.2
	62	47	43	-	-	9.3
	62	46	42	-	-	9.4
2	63	50	44	-	-	9.1
	62	50	47	-	-	9.0
	62	47	46	-	0.1	8.8
	60	46	43	-	-	6.3
3	59	48	45	-	-	6.4
4	61	47	40	-	Tr	*
	59	51	47	-	Tr	4.4
5	61	55	*	-	1	*
	60	54	51	-	6	6.7
	61	55	*	-	4	*
	60	55	*	-	4	4.3
	60	52	49	-	0.4	8.1
6	59	53	*	-	1	3.3
7	59	54	52	-	Tr	6.4
	59	51	46	Tr.	-	5.8
8	56	51	49	-	-	4.7
	58	49	42	Tr.	-	3.5
9	58	49	45	-	-	9.3
10	61	48	*	-	-	8.8
	60	48	46	-	-	9.0
11	58	51	48	-	-	8.8
12	61	46	40	-	Tr	7.8
	58	50	48	Tr.	1	4.5
13A	56	46	43	Tr.	Tr	5.7
13B	55	50	44	0.1	5	4.4
15	56	46	*	-	5	4.3
	55	45	42	Tr.	1	2.4
	57	48	40	-	-	7.4
16	55	47	*	1	0.3	*
	53	47	*	2	0.6	3.5
17	57	49	*	Tr.	2	*
18	56	48	*	Tr.	4	3.2
	58	50	43	0.2	1	2.6
	58	51	*	-	-	*
19	56	49	44	-	1	0.7
20	57	51	43	-	1	0.0
	58	51	*	-	0.3	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bbcc	cc3o	c3o	61	51	46	-	-	7.6	*	*	6
CROYDON	317	bvbcy	bcyc	cbcmc	62	49	47	-	-	7.7	*	*	6
GREENWICH (Royal Observatory) ...	149	bcy	cy	cwcr	62	49	44	-	Tr	7.5	51	83	6
CITY (Bunhill Row)	—									6.9			
WESTMINSTER (St. James' Park) ...	27	*	*	*	63	51	46	-		7.4	58	81	*
REGENTS PK. (Botanic Gardens) ...	168	*	*	*	61	51	46	-	Tr	7.6	60	81	*
CAMDEN SQUARE	110			*	62	51	46	-	Tr			72	*
KENSINGTON	89	bc	c	*	63	51	44	-	Tr	7.6	At 18h. 60	85	*
HAMPSTEAD OBSERVATORY	450	bc	bc	*	61	48	40	-	Tr	8.4	*	88	*
		b	b	bcor									

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0.3	6h-7h 24th	<0.3	8h 23rd to 5h 24th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.1	20h 23rd	<0.1	11h-15h 23rd

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	1015.8	NW	2	C	59	1013.9	-	0	3o	52	66	46	-	-
BRUSSELS	1014.6	W	2	C	52	1023.1	S'W	1	C	50	63	46	-	-
BERLIN	1009.8	W	3	b	57	1013.7	SW'W	3	3o	50	64	45	2	-
ZÜRICH						1017.6	ESE	2	cf	55		55		24
ROME	1015.8	NW	4	bc	68						x	x	-	

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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 8h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 25th September 1934.

No. 26605

OBSERVATIONS at 13h. G.M.T. 24th September

Dist.	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)
1	London (Kew)	1002.6	-4.4	S	5	o/r	60	85	7	5	-	-	10	10	1500
	Croydon	1004.0	-4.2	SSE	4	dd	57	95	5	6	2	-	4-6	10	450
	S. Farnborough	1002.2	-4.2	S'W	4	dd	59	95	5	6	-	-	10	10	450
	Boscombe Down	1001.4	-3.0	SW	4	$d_o d_o$	61	95	6	6	-	-	10	10	450
	Calshot, S'thmtn	1003.9	-3.0	SW'S	5	$d_o d_o$	61	95	5	6	-	-	10	10	800
	Lympne	1006.2	-3.6	SSW	4	r_o	57	85	6	6	-	-	10	10	450
	Manston	1005.1	-3.8	SSW	5	c/r	59	86	7	8	7	-	4-6	7-8	800
2	Shoeburyness	1004.3	-4.0	S	5	c	60	95	7	5	7	-	4-6	7-8	2500
	Felixstowe	1004.7	-3.2	SSW	5	$r_o r_o$	57	95	7	6	2	-	7-8	10	800
	Gorleston	1004.2	-3.0	S	5	r_o	60	66	6	6	-	-	10	10	1500
	Cranwell 1003.1	~~1003~~	-2.2	SSE	2	rr	53	95	6	6	-	-	10	10	800
3	Birmingham	1007.7	-1.6	SSW	2	ir_o	54	95	5	6	2	-	4-6	10	1500
	Upper Heyford	1001.5	-3.6	S	2	DD	54	95	4	6	2	-	9	10	450
4	Ross-on-Wye	1002.4	-1.4	W'N	2	c	57	95	8	9	3	-	4-6	9	2500
5	Portland Bill	1002.0	-2.0	WSW	6	c	60	95	7	5	6	-	4-6	7-8	2500
	Plymouth	1006.3	+3.4	WNW	6	c/d	59	85	8	8	-	1	9	9+	1500
	The Lizard	1008.2	+2.0	WNW	5	c	59	85	4	8	2	-	7-8	9+	2500
	Scilly (St. Mary's)	1009.1	+2.0	NW'W	5	c	59	75	7	8	7	-	4-6	7-8	2500
	Guernsey	1007.5	-2	WNW	6	c	60	85	7	8	-	-	10	10	2500
6	Pembroke	1004.7	+1.2	NW	4	cq	55	76	8	7	-	-	9+	9+	5700
7	Holyhead	1002.7	+1.9	WNW	5	bc	55	75	8	1	4	-	2-3	4-6	4000
	Chester (Sealand)	1002.3	-4	WNW	4	dr	54	95	6	6	2	-	4-6	10	800
8	L'pool (Bidston)	1002.1	-4	NW	4	o/r	63	85	8	6	-	-	10	10	1500
	Manchester	1000.8	-2.2	SW'S	4	dr	55	95	5	6	2	-	9	10	800
9	Harrogate	1001.0	-1.0	SSE	3	rr	53	96	5	6	2	-	9	10	450
10	Spurn Head	1002.7	-.6	WSW	4	RR	54	95	6	6	-	-	10	10	1600
	Catterick	1000.3	-1.2	S	2	rr	53	95	5	6	-	-	10	10	800
	Tynemouth	999.9	-1.2	SSW	2	ir_o	54	95	6	6	-	-	10	10	1500
11	Inchkeith	999.2	+.4	SW	3	c	52	85	7	8	-	-	9+	9+	1500
	Leuchars	997.9	-.2	SW	3	c	52	85	8	5	7	-	4-6	7-8	2500
12	Renfrew (Abbotsl.)	998.8	-.2	W	5	jp	55	65	8	8	-	-	4-6	4-6	2500
	Eskdalemuir	999.8	+.6	W	2	c	49	75	8	5	2	-	1	3	1500
13A	Tiree	996.4	0	WSW	5	bc/pr	55	65	8	4	-	-	2-3	2-3	2500
13B	Stornoway	991.8	-.6	SW	4	c/pr	51	75	8	8	6	-	4-6	7-8	1500
15	Dalwhinnie	997.1	-.4	SW	5	c	50	65	8	8	4	-	4-6	7-8	2500
	Aberdeen	996.4	-.8	WSW	2	c	54	65	8	6	1	8	Tr	9	1500
	Wick	994.0	+.2	SW	3	c	56	75	8	8	7	-	4-6	7-8	2500
16	Lerwick	993.4	-.8	SSW	3	ir	51	95	6	3	2	-	7-8	9+	800
17	Blacksod Point	1004.1	+.8	W	5	bcq	56	85	8	3	-	-	4-6	4-6	2500
18	Malin Head	999.0	+.2	W	5	c	55	85	7	2	-	-	7-8	7-8	1600
	Aldergrove	1001.5	+.2	WSW	4	c/p	56	76	9	8	7	3	7-8	7-8	4000
	Donaghadee	1001.6	+.4	NW	2	c	58	65	8	8	3	-	4-6	7-8	2500
19	Birr Castle	1005.7	+1.6	WNW	4	c/pr	55	65	8	8	-	-	9	9	2500
20	Valentia Obsy.	1009.8	+1.8	W'N	4	bc	56	65	8	2	-	1	2-3	2-3	2500
	Roches Point	1008.3	+1.6	N	4	bc	55	75	8	2	-	4	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 24th September

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)
1005.3	+4.4	W	2	c	58	85	7	2	3	8	2-3	9	1500	1	*
1005.5	+.3	W'S	4	c	58	75	6	5	3	1	4-6	7-8	2500	1	*
1005.6	+.3	W'N	3	pr$_o$	57	85	8	3	-	3	2+	2+	2500	1	*
1006.6	+.3	WNW	4	c	55	75	8	5	-	8	4-6	2+	2500	1	*
1006.9	+.2	W'S	4	c	58	75	8	8	2	-	7-8	9	2500	1	2
1004.4	+.1	WNW	4	c	59	95	8	5	7	4	7-8	9	1500	1	§4
1002.8	+.2	SSW	5	c/r	59	95	6	6	-	-	2	9	220	1	*
1003.5	+.2	W	2	c/r	58	96	8	8	9	2	2-3	7-8	4000	1	*
1002.3	+.1	WNW	5	c/d	58	85	7	6	7	8	2-3	7-8	800	1	3
1000.9	0	WNW	4	o/r	57	95	6	6	-	-	10	10	1500	1	3
1003.0	+.1	WNW	3	3$_o$	52	95	6	5	3	-	2-3	4-6	1500	1	*
1005.6	+.2	WNW	3	bc	52	75	7	5	-	5	1	4-6	1500	1	*
1005.6	+.3	WNW	4	c	54	85	8	8	-	8	7-8	9	1500	1	*
1006.9	+.2	W	4	bc	53	65	5	8	-	2	Tr.	4-6	4000	1	*
1007.8	+.3	NW	6	bc	58	85	7	4	-	-	4-6	4-6	2500	1	5
1010.1	+.2	WNW	4	c/p	56	75	8	8	-	2	7-8	9	2500	1	3
1010.8	+.1	WNW	5	c	55	75	8	6	1	8	2-3	7-8	2500	1	3
1012.0	+.1	WNW	4	c	55	75	8	3	6	6	4-6	9	2500	1	3
1010.7	+.2	WNW	5	c	57	85	7	8	-	-	7-8	7-8	2500	1	4
1008.2	+.1	WNW	3	bc	56	65	8	5	4	2	4-6	4-6	5700	1	3
1004.8	+.1	WNW	5	c/pr	56	75	8	8	3	1	4-6	7-8	4000	1	2
1005.3	+.1	W	3	bc	53	65	7	7	-	3	1	4-6	2500	1	*
1004.5	+.1	WNW	5	bc	54	65	8	5	-	4	2-3	4-6	2500	1	*
1004.1	+.1	WNW	3	3$_o$	52	75	6	8	-	2	4-6	7-8	2500	1	*
1002.8	+.1	SW	2	b	49	75	9	4	4	9	Tr.	1	4000	1	*
1002.7	-.4	N'W	6	9/	55	85	6	5	7	-	2-3	4-6	2500	1	4
1001.6	+.1	W'S	3	bc	51	65	8	5	-	9	1	2-3	2500	0	*
1000.4	+.8	W	2	bc	53	75	6	2	-	-	4-6	4-6	2500	1	2
999.1	0	SW	4	bc	52	85	7	8	3	-	4-6	4-6	2500	1	2
998.1	0	SW	3	bc	51	65	8	7	-	-	2-3	2-3	4500	1	*
999.4	+.6	W	3	bc/pr	49	85	5	3	-	9	2-3	2-3	4000	1	*
1002.5	+.6	W'S	3	bc/p	49	75	9	8	-	-	4-6	4-6	2500	1	*
999.0	+.2	WNW	5	pr	51	75	7	8	-	8	7-8	7-8	2500	1	4
998.8	+.1	W	4	bc/pr	49	85	8	8	7	-	4-6	4-6	1500	1	2
997.3	+.2	SW	4	bc	46	75	8	4	4	-	2-3	4-6	2500	0	*
996.4	+.2	SW	2	b	53	65	7	5	3	-	Tr.	1	4000	1	1
993.7	+.6	WSW	3	c	50	75	8	8	6	8	4-6	7-8	2500	1	2
992.6	+.2	SW	3	bc	51	85	8	5	-	4	2-3	4-6	1500	1	*
1005.9	+.1.4	W	5	q	54	75	8	3	-	-	4-6	4-6	1500	0	3
1001.3	+.1.6	W'N	5	c/p	53	85	7	8	-	-	9+	9+	1500	1	2
1003.5	+.1.4	WSW	4	c	53	75	8	8	7	5	7-8	9	2500	1	*
1003.0	+.1.4	SW	2	bc	53	75	8	8	3	2	2-3	4-6	2500	0	1
1007.3	+.1.4	WNW	3	c/pr	52	85	8	9	-	5	2-3	7-8	2500	1	*
1011.3	+.1.2	W'S	4	bc	54	75	8	3	-	1	4-6	4-6	2500	1	3
1010.4	+.1.6	N	4	bc	56	65	8	2	-	-	2-3	2-3	2500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 24th (37)	13h.–18h. 24th (38)	18h. 24th to 1h. 25th (39)	1h.–7h. 25th (40)
c r m_o	d_o Rc	cb	bbc z_o w
$r_o r_o d_o d$	ddrm_o G Gc	cbc m_o ⊕	~~cbc~~ cbc
cir add	Prq bc	cpr$_o$ bc	bc w z m_o
orr dd	$d_o d_o$ ir$_o$	cv bcb	bbc
cr$_o$ r$_o$ m$_o$	$d_o d_o$ cq	cbcw	bcwbc
irgir	DDmc	bcc	cbcwb
cir$_o$ m$_o$	cd$_o$d$_o$ G G$_o$	~~cbcc~~ cbcc	cbcb
cir$_o$	cr$_o$ r$_o$ bc	bcb	b
cir$_o$ or$_o$ r$_o$	orb G add	cbc	bbz_o
cgir	orrq	c	cbcb
r$_o$ r$_o$ R	ir$_o$ R	bc m$_o$	bcbbc
crr	cr$_o$ pr	bc	bc
or$_o$ rr	oo Dc		bcmb
r$_o$ orr c	ch$_o$ cq bc	c ⊕	cbwbc
rr ido	c	bcb	bbc
ordd cq	cq p$_o$	c p b	bbcw
rf pr r c	c	cbc	bc
odf cq	ch$_o$ c	p$_o$ cbc	bcc
cod ir	cbcc	cbc	bcw
cir$_o$ m$_o$ cq	bc	bcc	bcc
d$_o$ r$_o$ c	bcy	cb	bbc
c R	r$_o$ cbc	bc	bc pw
corr o	oc bcq	cir c	cbc
d$_o$ r m$_o$	rd q bc	PR p$_o$	~~p$_o$ bc~~ ~~r$_o$ bc~~
crr	rcb	b	b
oir	rrcq	qc	bc
cm$_o$ r$_o$ Rr	bc	bc	cbc
oir$_o$	oir$_o$ bc	bc	bc
cir	cpr	bcb	bc
cir$_o$ r$_o$ c	bcb	bbw	~~bcc~~ bcc
rr R$_o$ bc	bc PR q	bc p$_o$	bc w z
prr c	bc p$_o$	cpr	bc p$_o$
cpr$_o$ c	c	bc	bc
epr rr m$_o$	cir$_o$ bc	bc c pr	bc p$_o$
PR cq	PR cq	bcc	p$_o$ c
cp$_o$	c	cpr	bc cpr
crr bc	bc pr	cbcc	cb, cbc
cir$_o$ c	p$_o$ bc	c	cbc
ir cp$_o$	cpr	cbc	bcc
cpr bc.	bcc bc	pr bcc	c
cp$_o$ bc	bc	bcbw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ⸗ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

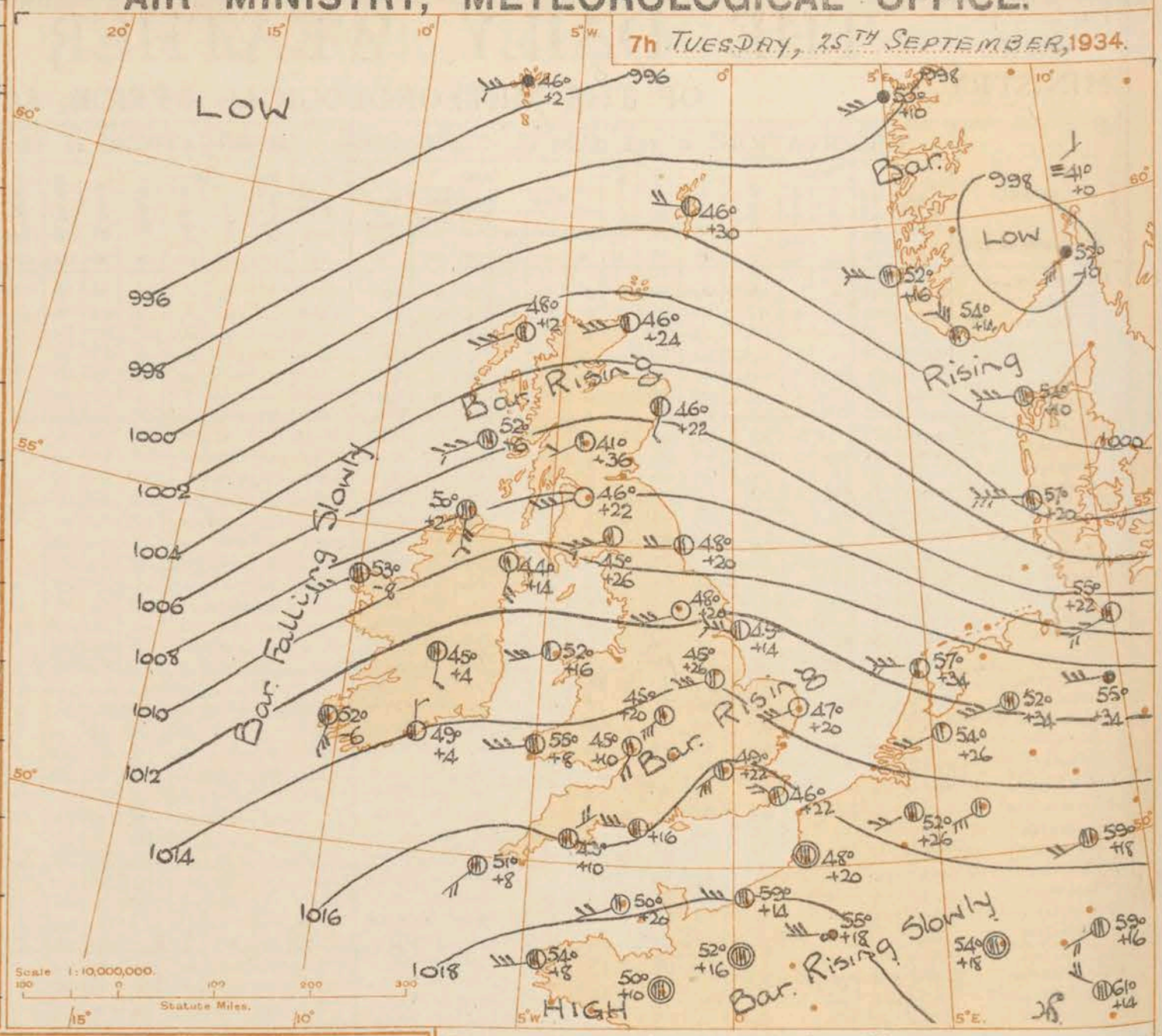
REPORTS from HEALTH RESORTS for Mon. 24th Sept. 1934.

Districts.	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
1	Tunbridge W.	odro	odro	44	62	Trace	3	02	8.5
	Bournemouth	ro	orc	51	62	2	3	0.5	7.0
	Ventnor ...	orno	odcu	54	61	1	1	0.4	8.3
	Southsea ...	orr	orcb	52	63	1	1	0.4	8.0
	Bognor Regis	rorrr	rrcbc	50	62	1	2	0.1	8.3
	Littlehampton	crc	cacbc	48	62	0.4	2	0.2	8.5
	Worthing ...	ir	iroc	49	62	0.3	3	0.0	9.1
	Brighton ...	codd	ddo	51	62	Trace	2	0.0	8.4
	Eastbourne†	orro	oirro	51	62	0.1	1	0.0	8.8
	Hastings† ...	oro	orodo	48	61	Trace	1	0.0	9.4
	Folkestone ...	cor	ord	48	61	-	2	0.1	9.3
	Dover... ...	oiro	ord	49	62	-	2	0.4	9.4
	Deal	codo	cd	49	62	-	3	0.7	8.8
	Ramsgate ...	cr	crodo	50	61	-	1	1.1	8.8
	Margate ...	bcc	bccd	50	62	-	1	2.0	9.1
2	Southend ...	cor	ccorg	51	62	-	2	0.1	8.9
	Maldon ...	coir	oir	45	61	-	7	0.0	9.5
	Clacton-on-Sea	cyoir	oirc	51	61	-	2	0.2	8.6
	Dovercourt ...	bcc	rocbcc	49	60	-	5	0.6	9.5
	Lowestoft ...	c	oiror	47	61	-	9	0.3	8.2
	Skegness ...	bcor	or	45	56	-	4	0.0	7.9
	Mablethorpe	cor	orc	44	56	-	6	0.0	6.6
	Cleethorpes...	oc	crr	45	55	-	6	0.1	9.2
3	Leamington S.	or	oro	49	62	3	9	0.0	8.0
4	Cheltenham†	coir	orroc	49	58	0.5	5	0.2	4.8
5	Bath	rrdd	dc bc	52	62	3	2	0.4	7.1
	Weymouth ...	rrc	bcbc	55	65	5	1	1.3	7.0
	Jersey ...	pc	pcbcc	53	63	0.6	0.6	0.7	7.1
	Torquay ...	orr	oipbcq	53	65	4	0.1	3.7	6.3
	Penzance ...	bpcb	bbcb	54	61	9	Trace	5.6	5.6
	St. Ives ...	p	p	54	60	16	Trace	4.8	3.5
	Bude	crc	cbc	52	61	Trace	4	3.2	4.2
	Ilfracombe ...	ocpbc	bcc	53	61	2	0.3	3.3	2.5
6	Aberystwyth	odpr	cbc	53	58	0.5	5	2.3	4.8
7	Llandudno ...	cor	rcbcb	54	57	0.1	11	2.9	5.9
	Colwyn Bay...	orrro	obcbc	53	57	0.5	6	2.5	4.5
	Rhyl	corr	rcbc	52	57	0.6	4	2.5	5.4
8	Wallasey ...	p	pcbc	52	57	Trace	4	2.3	4.5
	Southport‖ ...	or	roc	51	57	-	7	2.8	5.7
	Blackpool ...	or	Rcbcc	52	56	Trace	6	2.6	7.7
	Morecambe ...	rrorc	bbccc	50	56	0.3	8	2.3	3.4
9	Ilkley... ...	cgcor	orcbc	49	55	-	2	2.3	6.2
10	Berwick-on-T.	opr	PRb	47	56	-	2	2.5	8.7
11	Dunbar ...	bc	bcb	49	57	-	0.3	2.5	6.8
12	Troon... ...	crrcb	cpcbc	49	56	8	3	2.9	5.9
	Douglas ...	circb	cb	51	57	Trace	3	4.2	4.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h TUESDAY, 25TH SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th Sept, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate southwest wind, perhaps freshening later; fair today, rain probable tomorrow; average temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light or moderate southwest wind, freshening; fair at first, rain later; average temperature.
8. N.W. England 9. N. Midlands	Light or moderate southwest or south wind, freshening; cloudy, rain later; average temperature.
10. N.E. England	As 4.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Freshening southwesterly wind; fair at first, rain later; average temperature.
13. A. W. Scotld. B. N.W. Scotland	Freshening southwest or south wind, becoming strong locally; cloudy, some rain; average temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	† Wind south or southwest becoming fresh or strong; cloudy, some rain; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ 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. ✳Sleet ▲Hail ≡Fog ≡Mist T Thunder. ⅋Thunderstorm. ∞Slight haze.
SEA DISTURBANCE ~~Rough. ≈≈High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A wedge of high pressure is crossing the British Isles. A deep depression is situated to southwest of Iceland and a trough of low pressure out on the Atlantic will move eastwards. Rain is likely to spread from West to all districts although weather will be fair today in the Southeast.

FURTHER OUTLOOK.

Unsettled.

Time of issue of Gale Warning.

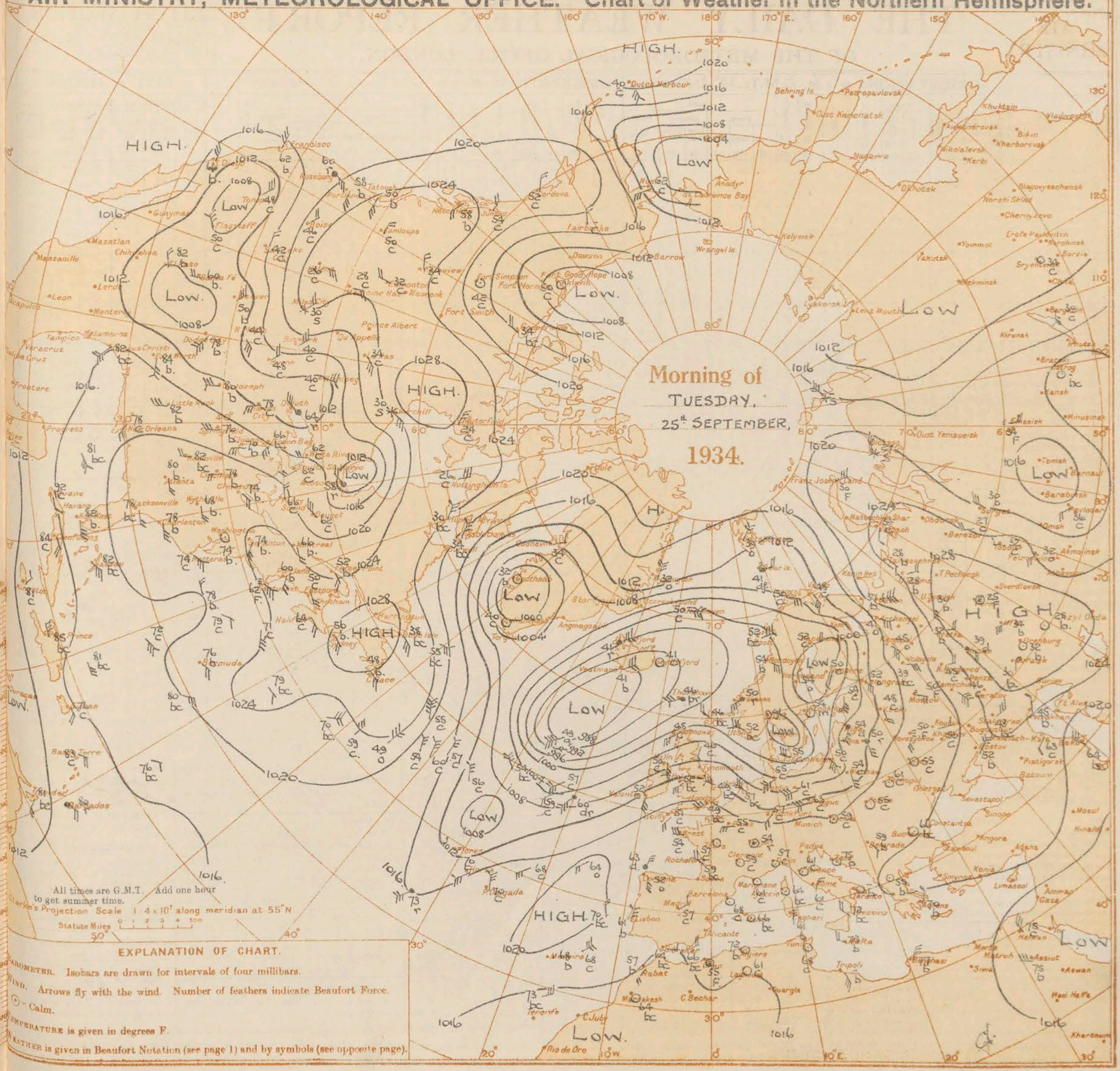
† South Cone at 1900 on 24th in districts 13B, 17 and 20.

Forecasts issued at 0950 G.M.T.

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

H.M. Stationery Off., 9 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

Tuesday, 25th September 1934.

No. 26605

OBSERVATIONS at 1 hr. G.M.T. 25th September

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1012.6	+26	WSW	3	bc	49	75	8	-	-	2	0	4.6	-
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1013.1	+30	W'N	3	c	48	75	8	-	7	2	0	7.8	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1009.1	+24	WSW	3	c	49	85	6	-	1	-	0	9	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1013.7	+12	WNW	4	b	56	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1015.1	+16	W	4	bc	53	75	8	7	-	-	2.3	2.3	4000
	Scilly (St. Mary's)	163	1015.6	+12	WNW	3	bc	51	85	8	4	-	-	2.3	2.3	2500
	Guernsey ...	175	1015.6	+12	W'N	1	bc	54	85	9	8	-	-	4.6	4.6	2500
6	Pembroke ...	142	1011.9	+18	WNW	3	c	55	75	6	5	-	-	7.8	7.8	4000
7	Holyhead ...	26	1010.1	+20	W'N	5	bc	54	75	8	1	-	1	1	2.3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1007.2	+8	NW'W	4	c	50	95	6	5	2	-	4.6	7.8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1004.5	+20	W	3	bc	50	75	7	4	-	-	4.6	4.6	4000
11	Inchkeith ...	190	1003.7	+30	SW	4	bc	49	95	8	5	7	-	4.6	4.6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	999.3	+22	W	4	c/pr	48	95	8	8	7	-	4.6	7.8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	997.8	+16	WSW	3	bc	45	85	8	7	-	-	4.6	4.6	2500
16	Lerwick ...	54	994.2	+10	SW	2	c	48	95	8	8	7	-	4.6	7.8	1500
17	Blacksod Point	18	1009.1	+8	SW	3	c	53	85	8	7	-	-	10	10	2500
18	Malin Head ...	52	1005.8	+16	W	4	bc	51	85	7	3	-	-	4.6	4.6	1500
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1012.8	+10	NW	5	bc	53	95	8	5	-	-	4.6	4.6	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 25th September

District	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)
1	London (Kew)...	1016.5	+22	SW	2	bc	47	95	6	-	-	6	0	4-6	-	01	*
	Croydon ...	1016.3	+22	SW'W	3	bc	49	85	7	-	-	1	0	2-3	-	1	*
	S. Farnborough	1016.7	+22	S'E	1	bc	42	95	6	5	-	2	Tr	2-3	7200	1	*
	Boscombe Down	1016.2	+14	SW	1	bc	44	95	6	-	-	6	0	4-6	-	1	*
	Calshot, (S'thmtn)	1016.3	+14	W	1	bc	47	95	7	-	4	1	0	4-6	-	1	1
	Lympne ...	1016.8	+22	NW	2	b	46	85	8	-	4	1	0	1	-	*	§2
	Manston ...	~~1014.6~~ 1015.6	+24	SSW	3	b	46	95	8	1	-	1	Tr	1	4000	1	*
2	Shoeburyness	1015.7	+20	WSW	3	b	50	95	6	-	3	-	0	Tr	-	0	*
	Felixstowe ...	1015.1	+22	W	3	3o	47	85	6	-	-	1	0	2-3	-	1	1
	Gorleston ...	1013.4	+20	WSW	3	b	47	85	7	-	1	-	0	1	-	1	2
	Cranwell ...	1013.9	+26	WSW	3	bc	45	95	6	-	3	-	0	2-3	-	1	*
3	Birmingham ...	1015.2	+20	SW	3	bc	45	95	7	-	-	1	0	2-3	-	1	*
	Upper Heyford	1015.8	+12	WSW	2	bc	42	95	6	-	5	2	0	4-6	-		*
4	Ross-on-Wye ...	1015.6	+10	SSW	2	b	45	95	8	5	-	2	Tr	1	4000	1	*
5	Portland Bill...	1015.8	+14	WNW	3	bc	57	75	7	4	4	-	2-3	4-6	2500	1	3
	Plymouth ...	1016.8	+10	ENE	2	c	43	95	6	7	3	6	1	7-8	2500	1	1
	The Lizard ...	1016.5	+6	W'S	2	bc	51	85	8	5	6	2	2-3	4-6	2500	1	2
	Scilly (St. Mary's)	1016.7	+8	SW'S	2	c	51	95	8	5	6	-	7-8	7-8	2500	0	2
	Guernsey ...	1017.3	+26	W'S	2	bc	50	85	6	8	-	-	4-6	4-6	2500	1	1
6	Pembroke ...	1014.2	+8	W	3	c	55	75	7	8	6	9	4-6	7-8	5700	0	2
7	Holyhead ...	1012.6	+16	WSW	3	bc	52	75	8	7	-	-	2-3	2-3	2500	1	2
	Chester (Sealand)	1013.6	+16	SW	2	b	47	85	6	3	4	-	1	1	2500	1	*
8	L'pool (Bidston)	1013.7	+14	WSW	3	bc	48	85	8	5	-	-	4-6	4-6	2500	1	*
	Manchester	1013.1	+22	WSW	3	3o	47	95	6	8	4	-	4-6	7-8	4000	1	*
9	Harrogate ...	1011.1	+20	SW	3	b	48	85	8	-	3	9	0	1	-	1	*
10	Spurn Head ...	1012.3	+14	WNW	4	bc	49	95	7	5	7	-	2-3	4-6	2500	0	3
	Catterick ...	1010.6	+22	WSW	3	b	51	75	7	-	8	9	0	1	-	0	*
	Tynemouth ...	1009.2	+20	W	2	bc	48	85	6	5	6	-	2-3	4-6	1500	1	1
11	Inchkeith ...	1006.8	+10	SW	4	bc	48	85	8	4	4	2	2-3	4-6	4000	0	3
	Leuchars ...	1006.5	+18	WSW	2	c	45	85	8	5	3	4	2-3	7-8	7200	1	*
12	Renfrew (Abbotsl.)	1008.1	+22	W'S	3	b	46	85	8	8	-	-	1	1	2500	1	*
	Eskdalemuir ...	1009.5	+26	WSW	4	c/pr	45	95	6	5	-	1	7-8	7-8	800	1	*
13A	Tiree	1005.8	+6	SW	4	c	52	75	5	4	7	-	1	9	2500	1	3
13B	Stornoway ...	1002.6	+12	SW	3	c/pr	48	85	8	8	6	-	4-6	7-8	1500	1	2
15	Dalwhinnie ...	1006.9	+36	SW	1	bc	41	85	8	4	1	-	2-3	4-6	2500	1	*
	Aberdeen ...	1005.5	+22	S'W	1	c	46	75	7	-	7	6	0	7-8	-	1	1
	Wick	1002.9	+24	WSW	3	bc	46	95	8	8	7	1	4-6	4-6	2500	1	2
16	Lerwick ...	998.4	+30	WNW	2	bc/pr	46	85	8	5	7	-	2-3	4-6	1500	1	*
17	Blacksod Point	1008.2	-8	SW	4	c	53	75	8	8	-	-	9+	9+	2500	0	3
18	Malin Head ...	1007.0	+2	S	4	c	50	95	7	8	7	-	7-8	9+	800	1	2
	Aldergrove ...	1010.8	+14	S	2	c	44	95	8	5	3	-	7-8	7-8	450	1	*
	Donaghadee ...	1010.1	+8	SSW	1	bc	44	95	8	8	3	-	2-3	4-6	1500	0	0
19	Birr Castle ...	1012.3	+4	S	1	c	45	95	8	-	4	-	0	7-8	-	1	*
20	Valentia Obsy.†	1012.4	-6	S'W	3	c	52	75	8	5	-	-	9+	9+	2500	1	2
	Roches Point...	1014.0	+4	N	1	bc	49	95	8	5	-	-	2-3	2-3	2500	1	2

PAST 24 HOURS.

District	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 24th Hrs. (36)
1	London (Kew)...	61	45	39	5	-	0.1
	Croydon ...	62	48	44	2	-	0.0
	S. Farnborough	61	39	26	2	Tr	0.0
	Boscombe Down	62	41	35	4	-	0.4
	Calshot, (S'thmtn)	63	45	41	2	-	0.9
	Lympne ...	60	43	36	3	-	0.0
	Manston ...	62	44	39	1	0	1.4
2	Shoeburyness	62	47	44	2	-	0.3
	Felixstowe ...	60	45	43	4	-	0.5
	Gorleston ...	60	45	43	11	-	0.5
	Cranwell ...	55	44	42	8	-	0.2
3	Birmingham ...	58	44	41	5	-	0.2
	Upper Heyford	58			9		*
4	Ross-on-Wye ...	59	45	35	4	-	1.1
5	Portland Bill...	63	53	*	4	-	*
	Plymouth ...	61	42	39	1	Tr	2.6
	The Lizard ...	60	51	*	0.1	-	*
	Scilly (St. Mary's)	59	50	*	0.1	Tr	4.8
	Guernsey ...	61	49	42	3	-	1.0
6	Pembroke ...	58	53	*	4	-	2.5
7	Holyhead ...	58	52	49	2	-	4.7
	Chester (Sealand)	59	43	33	3	-	2.2
8	L'pool (Bidston)	55	47	45	2	2	2.3
	Manchester	56	46	39	1	1	2.2
9	Harrogate ...	55	47	44	2	-	1.4
10	Spurn Head ...	56	48	*	8	-	0.2
	Catterick ...	55	47	35	3	-	1.9
	Tynemouth ...	55	48	42	1	-	*
11	Inchkeith ...	55	47	45	0.1	-	2.9
	Leuchars ...	58	43	38	0.5	-	3.8
12	Renfrew (Abbotsl.)	57	43	37	6	0.1	4.0
	Eskdalemuir ...	54	41	36	4	0.4	2.1
13A	Tiree	56	49	41	0.1	0.6	5.1
13B	Stornoway ...	54	46	*	3	3	6.1
15	Dalwhinnie ...	53	40	35	6	1	3.2
	Aberdeen ...	57	41	31	0.2	0	3.4
	Wick	56	43	*	0.1	-	*
16	Lerwick ...	53	45	*	3	1	1.0
17	Blacksod Point	56	50	*	2	0.2	*
18	Malin Head ...	57	47	*	Tr.	3	7.6
	Aldergrove ...	58	43	38	2	-	6.6
	Donaghadee ...	59	43	*	2	-	*
19	Birr Castle ...	58	42	39	1	-	6.0
20	Valentia Obsy.†	57	48	45	0.3	0.6	6.5
	Roches Point...	59	48	*	Tr	Tr	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	crm	d,Rc	cbbc,w	61	45	39	5	-	0.1	*	*	7
Croydon	217	[illegible]	ddrmrrc	cbcwbcc	62	48	44	2	-	0.0	*	*	7
Greenwich (Royal Observatory) ...	149	cir	cidRc	cobwm	63	45	38	4	-	0.0	92	74	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	62	44	40	4		0.2	93	78	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	61	41	39	7	-	0.3	94	79	*
Camden Square	110	crc	corC	*	61	45	39	5	-	*	*	78	*
Kensington	89	cP	cro	*	62	45	38	7	-	2.0	At 18h. 83	75	*
Hampstead Observatory	450	or	or	cbc	60	42	34	6	-	0.6	*	83	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 25th

South Kensington.

Max.	Time.	Min.	Time.
0.5	9h 24m	<0.3	10h 24m to 7h 25th

Kew Observatory.

Max.	Time.	Min.	Time.
0.1	15h 24m	<0.1	12h-13h, 24h

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.
Paris	1009.3	SSW	4	3o	66	1018.1	W	3	3o	55
Brussels	1005.4	SSW	6	c	57	1015.9	WSW	2	c	52
Berlin	1011.5	S'W	2	c	55	1008.4	WSW	6	c	61
Zurich	1014.8	NW	1	c	64	1018.2	NW	2	c	61
Rome	1016.5	W	3	b	68	1019.0	NE	2	c	61

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
66	55	-	Tr
63	46	0.3	0.5
63	52	-	Tr
75	57	-	0.3
x	x	-	-

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.

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 26th SEPTEMBER 1934.

No. 26606

OBSERVATIONS at 13h. G.M.T. 25th September

Dist.	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)	°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)
1	London (Kew)	1018.4	+2	WSW	2	bc	60	55	8	8	-	-	4-6	4-6	4000
	Croydon	1017.7	-2	WSW	3	bc	64	45	8	7	-	-	4-6	4-6	4000
	S. Farnborough	1017.6	0	SWiW	3	bc	62	55	8	2	-	-	4-6	4-6	4000
	Boscombe Down	1017.3	+2	SW	2	bc	59	55	8	1	-	5	4-6	4-6	4000
	Calshot, S'thmtn	1018.6	+6	SSW	3	bc	63	55	8	2	-	5	2-3	2-3	4000
	Lympne	1018.7	+2	WSW	3	bc	62	45	8	1	-	-	2-3	2-3	4000
	Manston	1018.2	+6	SSW	3	bc	63	45	7	1	-	-	2-3	2-3	4000
2	Shoeburyness	1017.5	+4	SW's	3	bc	63	65	7	1	-	-	2-3	2-3	4000
	Felixstowe	1017.5	+6	WSW	2	bc	63	45	8	1	-	-	2-3	2-3	4000
	Gorleston	1016.6	+12	WSW	3	bc	60	85	7	1	-	-	2-3	2-3	4000
	Cranwell	1015.7	+2	SWiW	4	bc	62	65	7	2	-	-	4-6	4-6	4000
3	Birmingham	1015.7	+2	SW	3	bc	59	55	8	4	-	-	4-6	4-6	1500
	Upper Heyford	1016.9	+2	WSW	4	bc	62	55	8	4	-	-	4-6	4-6	4000
4	Ross-on-Wye	1016.1	+6	SW	3	bc	58	65	8	7	-	-	4-6	4-6	4000
5	Portland Bill	1018.1	+2	WSW	4	c	60	65	8	4	-	-	7-8	7-8	2500
	Plymouth	1017.4	-2	S	4	bc	61	75	8	7	3	1	2-3	4-6	2500
	The Lizard	1017.6	+2	S	3	bc	57	85	8	8	5	9	2-3	4-6	2500
	Scilly (St. Mary's)	1017.4	0	SW's	4	c	58	75	8	8	-	-	9+	9+	2500
	Guernsey	1015.2	+2	SW	2	c	61	65	8	8	7	-	4-6	7-8	2500
6	Pembroke	1014.8	+2	WSW	3	bc	58	65	8	8	7	-	~~4-6~~ 7-8	~~4-6~~ 7-8	5700
7	Holyhead	1013.7	+2	SW's	5	pr	59	65	8	8	-	-	7-8	7-8	2500
	Chester (Sealand)	1015.2	+6	SWiW	3	c	61	55	9	4	-	-	7-8	7-8	4000
8	L'pool (Bidston)	1014.7	+2	WSW	4	c	59	55	9	7	-	-	7-8	7-8	2500
	Manchester	1014.6	+2	W's	4	bc	59	55	8	7	4	-	4-6	4-6	4000
9	Harrogate	1013.4	+6	SW	3	bc	59	55	9	2	-	-	4-6	4-6	4000
10	Spurn Head	1015.0	+6	WNW	3	c	60	75	7	2	2	-	4-6	7-8	2500
	Catterick	1012.8	+4	SWiW	4	bc	60	45	8	7	4	2	2-3	4-6	4000
	Tynemouth	1011.2	+6	W	3	bc	62	65	7	2	-	-	4-6	4-6	2500
11	Inchkeith	1010.0	+8	SW	4	c	56	65	8	5	9	5	2-3	9+	4000
	Leuchars	1009.8	+10	SW	4	c	58	65	8	1	7	-	4-6	9	2500
12	Renfrew (Abbotsl.)	1009.6	+4	SW	5	c	57	65	8	9	6	7	4-6	10	2500
	Eskdalemuir	1011.4	+8	SW	4	c	53	65	8	7	-	4	9	9+	2500
13A	Tiree	1004.8	-4	SSW	6	c/r	54	85	8	6	2	-	7-8	9	1500
13B	Stornoway	1001.6	-6	SW	6	rr	51	95	6	8	2	-	9	10	1500
15	Dalwhinnie	1007.5	+12	S	5	c	50	75	8	9	1	-	7-8	9	800
	Aberdeen	1007.8	+2	SE's	3	c	57	65	7	-	7	6	0	7-8	-
	Wick	1006.0	+10	SSW	4	c	53	75	8	5	1	8	7-8	10	2500
16	Lerwick	1002.9	+20	WN	3	bc	52	75	8	5	7	-	2-3	4-6	1500
17	Blacksod Point	1005.6	-20	S	6	q	56	85	8	9	-	-	7-8	7-8	2500
18	Malin Head	1005.7	-12	SW	4	c	55	85	7	8	-	-	9+	9+	1500
	Aldergrove	1010.2	-2	SSW	4	c	55	75	8	8	3	8	7-8	9+	2500
	Donaghadee	1010.7	+2	SW	3	c	57	75	8	5	3	-	4-6	7-8	1500
19	Birr Castle	1011.0	-8	S	3	c	59	75	8	5	-	-	7-8	7-8	2500
20	Valentia Obsy.	1010.4	-18	SE	6	c	58	75	8	5	-	-	9+	9+	1500
	Roches Point	1013.3	-6	NW	3	bc	55	85	8	3	-	-	4-6	4-6	2500

OBSERVATIONS at 18h. G.M.T. 25th September

Dist.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°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)
1	London (Kew)	1017.9	+2	SSW	3	bc	57	65	6	5	-	2	2-3	4-6	2500	1	*
	Croydon	1018.3	+10	S'W	3	bc	56	65	8	7	3	2	Tr.	2-3	4000	1	*
	S. Farnborough	~~1019.7~~ 1017.9	+2	SWiW	3	bc	55	65	7	2	5	4	Tr.	4-6	4000	1	*
	Boscombe Down	1017.0	+2	SW's	3	bc	52	75	8	1	3	2	Tr.	4-6	2500	0	
	Calshot, S'thmtn	1018.2	-2	SW	3	c	57	65	8	7	6	4	4-6	9	4000	1	2
	Lympne	1019.3	+4	SW	2	c	55	75	8	5	5	6	2-3	7-8	2500	1	§2
	Manston	1018.7	+6	SSW	3	bc	54	85	7	5	-	8	2-3	4-6	4000	0	*
2	Shoeburyness	1018.0	+4	SW's	3	bc	58	85	8	-	4	1	0	2-3	-	0	*
	Felixstowe	1017.5	0	SWiW	3	bc	59	75	7	5	-	1	2-3	2-3	4000	0	1
	Gorleston	1017.5	+6	SSW	2	bc	61	65	6	-	7	-	0	2-3	-	0	2
	Cranwell	1016.5	-2	SSW	3	c	56	75	7	4	-	-	7-8	7-8	4000	1	*
3	Birmingham	1015.3	-2	SSW	2	bc	56	65	8	5	-	5	2-3	4-6	2500	1	*
	Upper Heyford	1016.6	0	SW	3	bc	54	65	8	7	7	4	2-3	4-6	4000	1	*
4	Ross-on-Wye	1016.5	-6	S'W	2	c	55	75	8	5	-	1	7-8	9	4000	0	
5	Portland Bill	1016.8	-6	WSW	4	c	58	95	8	5	-	-	10	10	2500	1	3
	Plymouth	1016.2	-12	SSW	5	c	57	85	8	8	3	6	4-6	9+	2500	1	2
	The Lizard	1015.9	-8	S'W	3	c	56	85	8	4	7	-	7-8	9+	4000	1	2
	Scilly (St. Mary's)	1014.7	-18	SSW	4	c	56	95	8	8	7	9	4-6	9+	2500	0	3
	Guernsey	1018.7	-4	S	2	c	57	75	8	8	-	-	10	10	2500	1	2
6	Pembroke	1012.8	-10	SW	4	c	59	75	8	8	2	-	4-6	7-8	4000	1	3
7	Holyhead	1011.4	-12	SW's	5	c	56	65	8	5	4	-	7-8	7-8	4000	1	2
	Chester (Sealand)	1013.4	-10	S'E	2	bc	57	65	8	4	-	5	4-6	4-6	4000	1	*
8	L'pool (Bidston)	1013.2	-6	S	3	bc	56	75	8	4	4	-	2-3	2-3	2500	0	
	Manchester	1013.3	-8	SW's	3	c	57	65	7	4	-	-	7-8	7-8	4000	1	*
9	Harrogate	1013.0	0	SW's	1	c	55	65	5	5	7	-	7-8	9+	2500	1	*
10	Spurn Head	1015.0	0	SW	3	c	57	85	7	5	7	-	4-6	7-8	2500	0	2
	Catterick	1012.2	-4	S	2	c	55	65	8	5	6	1	4-6	7-8	2500	0	*
	Tynemouth	1010.9	-4	W	3	c	56	65	6	4	6	-	4-6	7-8	4000	1	1
11	Inchkeith	1007.9	-6	SW	4	c	55	65	8	8	-	6	7-8	9	2500	0	3
	Leuchars	1007.6	-18	SSW	4	c	54	65	8	5	1	-	4-6	10	2500	1	*
12	Renfrew (Abbotsl.)	1007.2	-14	SSW	3	c	54	75	8	5	-	-	10	10	4000	1	*
	Eskdalemuir	1009.6	-12	SSW	5	c	51	85	8	5	7	-	2-3	10	1500	1	*
13A	Tiree	1001.9	-22	S	6	ic	52	95	7	6	7	-	9+	10	1500	1	4
13B	Stornoway	999.3	-22	SW	8	c/r	53	95	6	9	6	4	4-6	9	1500	1	4
15	Dalwhinnie	1005.3	-12	S	5	c	49	75	8	3	2	-	7-8	10	2500	0	
	Aberdeen	1006.8	-8	SW	2	3.	54	65	6	5	7	-	2-3	10	2500	1	2
	Wick	1003.5	-10	SSW	4	c	54	75	8	8	1	1	7-8	7-8	1500	0	2
16	Lerwick	1003.3	+4	SSW	5	pr	52	85	7	8	2	-	4-6	10	1500	1	*
17	Blacksod Point	1001.0	-24	S	7	RR	55	95	5	6	-	-	10	10	<1500	2	5
18	Malin Head	1002.0	-20	S	5	u	54	85	7	6	2	-	9	10	1500	1	*
	Aldergrove	1007.1	-16	S	4	c	54	75	8	5	-	-	10	10	4000	1	
	Donaghadee	1007.2	-12	SSW	3	c	55	75	8	5	-	-	9	9	1500	0	2
19	Birr Castle	1007.3	-18	S	4	c	56	75	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy.	1006.0	-26	S'E	6	c/r	56	95	7	5	-	-	10	10	1500	1	4
	Roches Point	1011.2	-10	W	3	c	57	85	8	3	-	-	7-8	7-8	2500	1	4

PAST 24 HOURS.

Weather. 7h.-13h. 25th (37)	Weather. 13h.-18h. 25th (38)	Weather. 18h. 25th to 1h. 26th (39)	Weather. 1h.-7h. 26th (40)
bbay	bay	beb	bbcc
bc	baybc	bcw	bcwbcc
bcbbay	bayobc	bcb, c	c
bcmcbay	baycbc	bc	bcc
bcbbay	bybc	cidbc	bcc
bbcV	bcy	b, cbcw	bcwcb, c
by	bybbc	bcb	bccbc
bmo	bbc	bc	bc
bzbay	bayby	bc	bcc
bbc	bc	bcb	bcc
bsozc	bay	cbw	bwcro
bbc	bc	bc	bccro
bcbbc	bay	bcbbc	bcc
bbc	cbcyc	cbcc	ccdo
c c	c	c	c
cwmbr	bccpro	cido	ciro
bc	bcc	cpro	cpro q
c	cidoq	cpo	poido
bcc	cbcc	c	c
cbc	bcpro	cpro qc	cqrrm
bc	pro qc	cpro	corrm
bccVy	cVbcy	bcc	cro
bcb, c	cbc	bc	orqcr
bczo	bcVy	bccmo	crrmo
bbc	bcc	cb	corr
bcc	bc	cbc	bccpro
bbcc	bcycyc	c	corrmo
bc	bcc	bc	bcoiro
bcc	c	ciro	cir
bbcc	c	ciro	cidrr
bbcc	cpro	cpro	cRRrr
bcc	cpro	pro	ro
cir	iriR	croR	RRr
cpr	ciro	cirq	crrq
bc	iro		rr
cbbcy	bcyc	czo	cmro
bcc	c	c	corr
bc	bcpr	corro	c
pbcq	RRq	Rr	Rrc
c	cpro	cirrr	oir
bcc	c	covoco	qRRrr
bcc	c	cq	oRR
c	c	cir	corrc
cpgc	cirgc	irorr	rriro
cabc	bcci	coir	orrid

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/so, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
so/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. ro, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⓜ lunar halo. gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dunganess.

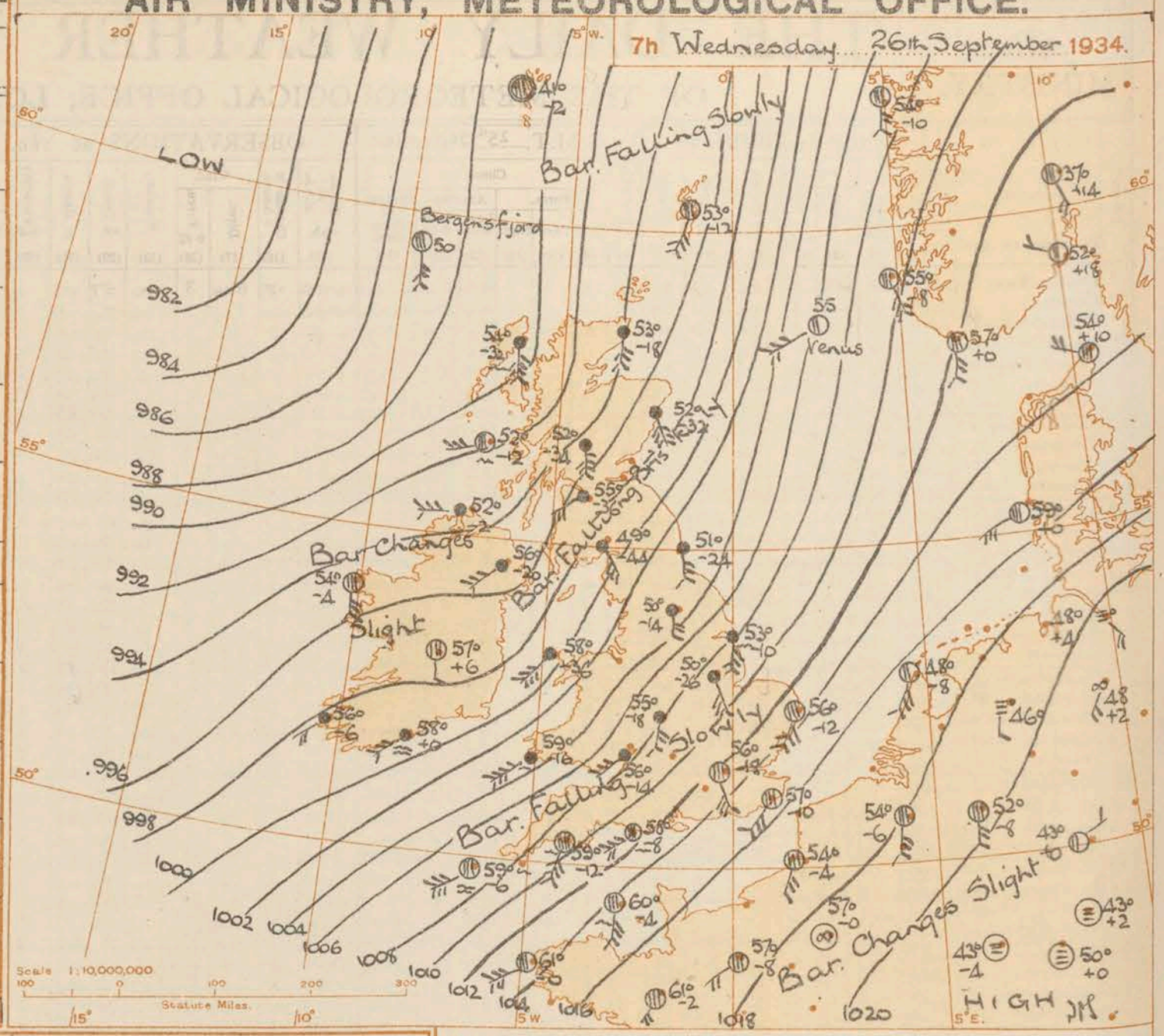
REPORTS from HEALTH RESORTS for Tues. 25th September 1934.

District	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
1	Tunbridge W.	bbc	bc	39	63	Trace	-	9.8	0.2
	Bournemouth	b	bbcc	44	63	-	-	8.3	0.5
	Ventnor ...	pb	bbc	50	64	0.3	-	9.4	0.4
	Southsea ...	b	b	47	64	-	-	9.2	0.4
	Bognor Regis	b	bbc	45	63	-	-	10.1	0.1
	Littlehampton	bc	bc	43	62	-	-	9.2	0.2
	Worthing ...	b	bbcb	45	63	Trace	-	9.7	0.1
	Brighton ...	b	b	46	63	-	-	9.2	0.0
	Eastbourne†	b	b	49	64	-	-	9.7	0.0
	Hastings† ...	bcb	bbc	45	64	0.1	-	10.1	0.0
	Folkestone ...	bbc	bc	44	64	-	-	9.7	0.1
	Dover... ...	ybc	bc	46	64	-	-	10.3	0.4
	Deal	b	b	46	65	1	-	9.5	0.7
	Ramsgate ...	b	b	47	65	-	-	9.9	1.1
	Margate ...	bc	bbc	49	65	-	-	9.7	2.0
2	Southend ...	b	b	46	68	Trace	-	9.3	0.1
	Maldon ...	b	b	44	64	-	-	9.3	0.0
	Clacton-on-Sea	bc	bc	46	63	3	-	9.7	0.2
	Dovercourt ...	bcv	bcv	44	63	-	-	9.5	0.6
	Lowestoft ...	b	b	44	63	0.1	-	10.4	0.3
	Skegness ...	bmb	bbc	41	62	1	-	8.1	0.0
	Mablethorpe	bcbbc	bbcmb	42	62	-	-	9.5	0.0
	Cleethorpes ...	cb	bc	44	62	Trace	-	9.0	0.1
3	Leamington S.	b	bbc	41	63	-	-	7.8	0.0
4	Cheltenham†	b	bbcc	42	62	-	-	7.9	0.2
5	Bath	cbcb	bbcc	41	64	-	-	6.7	0.4
	Weymouth ...	b	b	46	64	-	-	8.3	1.3
	Jersey ...	cbc	bcc	50	62	-	-	5.0	0.7
	Torquay ...	wb	bco	43	63	-	-	5.8	3.7
	Penzance ...	cbbc	bpc	46	62	-	Trace	4.5	5.6
	St. Ives ...	b	p	51	60	Trace	Trace	3.6	5.0
	Bude	cbc	bcc	49	60	-	-	2.0	3.2
	Ilfracombe ...	bbcc	cbcco	54	61	0.4	-	5.6	3.6
6	Aberystwyth	pbc	bcc	52	59	1	-	3.8	2.5
7	Llandudno ...	bbc	bcb	51	62	-	-	6.8	2.9
	Colwyn Bay...	bbcbc	bcbcb	47	62	-	-	6.3	2.5
	Rhyl	bbc	bccbc	46	61	Trace	-	8.4	2.5
8	Wallasey ...	b	bbc	48	63	1	-	6.2	2.3
	Southport‖ ...	cbobc	cbcb	52	61	0.1	0.1	6.0	2.8
	Blackpool ...	bcb	cbcc	52	60	1	-	7.3	2.8
	Morecambe ...	b	bbcbc	51	60	0.5	-	8.8	2.4
9	Ilkley... ...	b	b	46	61	-	-	9.6	2.9
10	Berwick-on-T.	bbc	bcco	45	58	-	-	6.7	2.6
11	Dunbar ...	bc	bc	45	59	-	-	5.6	2.8
12	Troon... ...	cbcbc	cbcoc	50	57	1	-	3.5	3.6
	Douglas ...	bbc	bcb	46	58	-	-	8.1	4.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday 26th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th Sept, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind south or southwest, fresh or strong at times; cloudy, occasional slight rain or drizzle; average temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Wind south to southwest, strong at times; cloudy, occasional rain; average temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland	Wind south to southwest, fresh or strong at times; cloudy, occasional rain, bright intervals locally; average temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 5 - 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between south and west, fresh or strong at times; cloudy, occasional rain, bright intervals later; average temperature.

H.M. Stationery Off. & Press Kingsway W.C.2

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ 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. ✳Sleet. ▲Hail. ≡Fog. ≡Mist. T Thunder. ⚡ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression is centred south of Iceland and secondaries are crossing the British Isles. Weather will be unsettled generally.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings.

South Cone at 1900 on 24th in districts 13b, 17 and 20; at 1645 on 25th in districts 5,6,7,8,12,13A, 18 and 19 and at 0815 on 26th in districts 2 (part of) 10, 11, 15 and 16.

Forecasts issued at 10.00 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.

Morning of
Wednesday
September 26th
1934.

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

Clarke's Projection Scale 1·4 × 10⁷ along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Wednesday, 26th September 1934.

No. 26606

OBSERVATIONS at 1 hr. G.M.T. 26th September

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1017·2	-12	S'E	3	c	47	95	7	7	–	1	7-8	7-8	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1018·2	-12	SW'S	4	bc	53	75	8	2	–	5	4·6	4·6	4000
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017·4	0	SSW	3	bc	52	75	7	–	7	–	0	4·6	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014·5	-12	SSW	5	c	60	75	7	5	–	–	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013·0	-12	S'E	5	pr	57	95	8	5	2	–	9	10	2500
	Scilly (St. Mary's)	163	1010·6	-28	S'W	6	c/pr	57	95	7	8	–	–	9+	9+	2500
	Guernsey	175	1017·5	-16	SSW	2	c	58	85	9	8	1	–	7-8	10	2500
6	Pembroke	142	1008·4	-20	SSW	6	pr	58	85	7	3	2	–	4·6	10	4000
7	Holyhead	26	1006·2	-22	S	6	c	57	75	8	5	7	–	7·8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1013·0	-4	WSW	4	bc	50	95	8	–	7	–	0	4·6	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1008·7	-16	S	2	bc	52	85	6	5	–	2	4·6	4·6	1500
11	Inchkeith	190	1004·1	-24	SSW	3	c	55	85	8	5	2	–	4·6	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13s	Stornoway	34	999·7	-18	SW	7	ir	55	85	6	8	2	–	7·8	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	997·6	-24	SSW	5	c	54	75	8	5	1	–	7·8	9+	1500
16	Lerwick	54	999·2	-18	SSW	5	c	53	85	7	5	8	–	4·6	9	1500
17	Blacksod Point	18	995·3	-28	S	4	rr	55	35	6	6	–	–	10	10	<150
18	Malin Head	52	995·5	-38	S'E	6	rr	53	95	7	6	–	–	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	997·7	-50	SSW	7	RR	55	95	6	6	–	–	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 26th September

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)
1012.0	-18	S'W	3	c	57	75	8	5	7	–	2-3	9+	1500	0	*
1013.2	-18	S'E	4	c	56	85	8	5	7	–	2-3	9+	7200	1	*
1011.9	-16	S'W	4	c	57	75	7	5	7	–	7-8	9+	2500	0	*
1010.7	-12	S	5	c	58	85	8	5	–	–	10	10	1500	1	*
1013.0	-10	S'E	5	c	60	85	7	5	7	–	9	10	1500	0	3
1014.9	-10	SW'S	4	c	57	85	8	1	9	1	2-3	9	2500	*	§3
1014.1	-14	S	3	bc	56	85	7	5	3	–	4-6	4-6	4000	0	*
1013.4	-10	S	3	c	58	85	7	5	7	–	4-6	9	5700	0	*
1013.4	-14	SSW	5	c	59	75	8	5	5	–	4-6	9	4000	0	3
1013.1	-12	S'W	5	c	56	95	7	5	–	–	9	9	4000	0	2
1009.0	-26	SSE	4	r r	50	95	7	6	7	–	4-6	10	1500	1	*
1007.6	-18	S	4	ir	55	85	8	6	7	–	9	10	800	1	*
1010.2	-14	S'W	5	c	56	85	8	5	7	–	4-6	10	1500	1	*
1007.8	-16	SSW	5	id	56	85	6	6	7	–	9	9+	2500	1	*
1011.2	-8	SW	5	c	58	95	7	5	–	–	10	10	2500	1	4
1010.0	-12	S'W	6	c/r	59	95	8	–	2	–	10	10	800	1	4
1008.9	-10	SSW	6	c	59	85	8	8	6	–	7-8	9	2500	1	4
1006.9	-6	SW'S	6	c	59	95	6	5	7	–	7-8	9+	2500	1	5
1014.8	-4	S	4	c	60	95	8	8	–	–	7-8	7-8	1500	1	4
1001.8	-16	SSW	7	rr	59	95	5	6	–	–	10	10	450	1	4
998.3	-34	SSW	6	rr	58	95	4	5	–	–	10	10	450	1	3
1002.8	-36	SSE	6	r r	53	95	7	6	2	8	4-6	9	1500	1	*
1001.8	-34	S'E	6	r r	52	95	7	6	2	–	7-8	10	1500	1	*
1004.1	-40	SSW	4	rr	53	95	6	6	2	–	7-8	10	800	1	*
1003.4	-14	S	3	rr	50	95	5	6	2	–	9	10	1500	1	*
1008.2	-10	SSW	5	pr	53	95	6	6	2	–	7-8	9+	2500	1	4
1003.2	-30	SSE	4	rr	49	95	5	–	2	–	10	10	450	1	*
1002.8	-24	S	4	ir	51	95	6	6	–	–	10	10	1500	1	2
997.1	-46	S	3	ir	54	85	7	6	2	–	7-8	10	1500	1	2
996.8	-42	SE	4	rr	53	85	6	–	2	–	10	10	800	1	*
998.3	-36	SW'S	3	rr	55	95	5	6	2	–	9+	10	800	1	*
998.6	-44	S'E	3	rr	49	95	6	6	2	–	9	10	800	1	*
991.2	-12	WSW	3	c/r	52	95	6	5	7	–	9+	10	2500	1	4
988.8	-32	S	7	r r	54	95	5	5	–	–	10	10	800	1	4
994.1	-34	S	7	RR	52	85	6	3	2	–	7-8	10	800	1	*
997.4	-32	SSE	5	rr	52	95	5	6	2	–	7-8	10	450	1	3
994.0	-18	S	5	rr	53	95	7	6	–	–	10	10	1500	1	3
995.6	-12	S'W	5	c	53	95	7	5	2	–	9	10	800	1	*
995.8	-4	S	4	c	54	85	8	–	7	–	0	9+	–	1	3
992.7	-2	W	4	dr	52	95	6	6	–	–	10	10	800	1	1
994.6	-20	SSW	4	ir	56	95	8	6	–	–	10	10	800	1	*
994.6	-20	SW	3	RR	57	95	7	6	–	–	10	10	800	1	2
996.6	+6	S	1	c	57	95	8	8	–	–	9+	9+	2500	1	*
997.9	-6	SW	2	ir	56	95	5	5	–	–	10	10	220	1	3
999.8	0	SW	4	id	58	95	6	5	–	–	10	10	800	1	5

PAST 24 HOURS.

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 25th Hrs. (36)
62	50	43	–	–	8.6
64	47	43	–	–	9.7
65	50	40	–	–	9.4
61	45	42	–	–	8.5
64	56	53	–	Tr	9.9
63	49	39	–	–	9.4
64	43	38	–	–	10.0
65	48	42	–	–	9.6
63	54	49	–	–	10.0
64	49	46	–	–	10.5
63	44	40	–	0.3	8.7
61	45	43	–	Tr	7.8
63	46	38	–	–	*
62	52	45	–	Tr	6.8
61	59	*	–	–	*
61	56	53	0.1	Tr	6.0
61	54	*	–	Tr	*
61	55	*	Tr.	1	2.2
62	55	52	–	–	4.5
59	58	*	0.2	5	3.6
60	54	52	0.1	18	7.4
64	51	44	–	0.5	6.5
59	51	49	–	3	7.2
62	59	45	–	3	6.9
60	48	45	–	3	9.0
63	48	*	–	Tr	8.8
61	48	45	–	1	8.7
61	50	46	–	0.1	*
58	52	49	–	3	5.2
59	52	48	–	6	4.4
57	53	50	Tr	15	4.3
56	47	47	0.1	13	4.8
54	52	51	1	11	0.0
54	51	*	2	7	0.3
51	47	45	0.1	13	2.5
59	51	49	–	2	4.8
57	52	*	–	3	*
53	50	*	Tr	1	7.6
56	52	*	7	30	*
55	51	*	Tr	8	0.0
57	52	50	–	13	3.6
60	54	*	–	9	*
59	54	50	–	9	4.6
59	55	55	0.5	23	1.9
59	57	*	Tr.	21	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bcy	bcbbcc	62	50	43	–	–	8.6	*	*	7
Croydon	217	bc	bcybc	bcwbcc	64	47	43	–	–	9.7	*	*	7
Greenwich (Royal Observatory)	149	by	bcby	bwc	66	46	43	–	–	9.3	48	82	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	8.5	*	*	*
Westminster (St. James' Park)	27	*	*	*	64	52	46	—		8.8	58	87	*
Regents Pk. (Botanic Gardens)	168	*	*	*	65	52	44	–	–	8.6	63	88	*
Camden Square	110	b	bc	*	65	52	44	–	–	*	*	81	*
Kensington	80	bc	bc	*	65	51	42	–	–	9.1	At 18h. 60	82	*
Hampstead Observatory	450	bc	bc	c	63	47	40	–	–	8.1	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 26th

South Kensington. Max.	Time.	Min.	Time.
0.3	8h 25m	<0.3	9h 25m, 6h 25m to 26th

Kew Observatory. Max.	Time.	Min.	Time.
0.1	2h 25m	<0.1	13h-18h, 25th

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.
Paris	1019.7	SSW	1	bc	61	1018.5	–	0	30	57
Brussels	1019.5	SSW	1	b	52	1017.6	S	4	2	54
Berlin	1017.1	WSW	3	bc	59	1022.9	SSW	1	b	50
Zürich	1015.2	NW	2	c	59	1022.6	WNW	1	m	54
Rome	1019.4	W	1	bc	66	1021.1	NE	2	33	63

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
64	52	–	–
64	46	–	–
66	43	–	–
73	50	–	–
x	x	–	–

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.	5 Poor visibility	2½ miles.
1 Thick fog	220 "	6 Moderate "	6½ "
2 Fog	550 "	7 Good "	12½ "
3 Moderate fog	1,100 "	8 Very good "	31 "
4 Mist or haze	1¼ miles.	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.

†Hr. observations are from Valentia W/T station. : Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 27th SEPTEMBER 1934.

No. 26607

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 26th September: 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)
1	London (Kew)	1011·3	0	SW'S	5	c	64	75	8	5	-	-	9+	9+	1500
	Croydon	1012·0	-2	SSW	5	c	64	75	8	7	-	-	9+	9+	1500
	S. Farnborough	1011·3	+2	S'W	5	c/r	62	75	8	5	-	-	10	10	1500
	Boscombe Down	1009·7	-10	SSW	5	c	61	85	7	6	-	-	10	10	800
	Calshot, S'thmtn	1012·8	-2	S'W	7	c	62	85	7	5	3	-	7-8	10	1500
	Lympne	1013·7	-6	SW	5	c	62	85	8	5	-	-	9+	9+	1500
	Manston	1012·8	-6	SSW	5	c	64	85	7	5	-	-	10	10	1500
2	Shoeburyness	1011·9	-6	SSW	4	c	65	95	8	5	-	-	10	10	1500
	Felixstowe	1011·5	-12	SW	5	c	64	85	8	5	-	-	9+	9+	1500
	Gorleston	1010·4	-14	S	6	c	62	75	6	8	-	-	9	9	2500
	Cranwell	1006·3	-12	SW	6	c	63	75	8	5	1	-	7-8	9+	1500
3	Birmingham	1004·9	-22	SSW	5	c	61	85	7	6	-	-	10	10	800
	Upper Heyford	1008·4	-10	S'W	6	id.	63	75	7	5	7	-	9	9+	800
4	Ross-on-Wye	1005·4	-12	SW	5	id.	63	75	7	6	3	-	9+	10	2500
5	Portland Bill	1010·5	-10	SW	6	c	62	85	7	5	-	-	10	10	1500
	Plymouth	1008·4	-10	S	7	c	60	95	6	5	2	-	9	10	800
	The Lizard	1008·2	-2	SW	7	r.	59	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	1006·1	-4	SWS	6	d.d	60	95	4	5	-	-	10	10	800
	Guernsey	1013·4	-6	SW	4	c	65	85	8	8	-	-	9	9	2500
6	Pembroke	1001·2	-4	SWW	6	rr	60	95	5	5	-	-	10	10	1500
7	Holyhead	999·0	-10	SSW	6	d.d.	60	95	5	5	-	-	10	10	450
	Chester (Sealand)	1001·2	-12	S'W	5	c	66	65	6	6	2	-	4-6	9+	1500
8	L'pool (Bidston)	1000·4	-6	SSW	5	c	63 62	75	8	5	2	-	7-8	10	1500
	Manchester	1001·5	-14	SSW	5	c	63	75	7	5	7	-	7-8	10	1500
9	Harrogate	1000·4	-6	SSW	5	q	63	75	7	6	1	-	2-3	9+	2500
10	Spurn Head	1004·2	-4	WSW	6	c	62	85	7	5	2	-	7-8	9+	1500
	Catterick	999·9	-18	SSW	5	c	62	85	7	5	7	1	7-8	9+	800
	Tynemouth	997·6	-8	SW	6	c	64	75	6	9	-	-	7-8	7-8	1500
11	Inchkeith	994·1	-18	SW	3	r.	61	85	8	8	7	-	4-6	9	1500
	Leuchars	993·0	-20	SW	3	c	64	75	8	8	-	-	7-8	7-8	2500
12	Renfrew (Abbotsl)	993·8	-10	SSW	3	c	61	75	8	8	7	-	4-6	9+	2500
	Eskdalemuir	994·4	-12	SWS	5	id	59	85	6	6	2	-	9	9+	800
13A	Tiree	991·1	-6	S'W	5	id	54	85	7	6	1	-	4-6	9	2500
13B	Stornoway	988·6	+4	SSW	5	pr	54	85	7	9	2	-	7-8	9+	1500
15	Dalwhinnie	992·4	-2	SSW	5	c	55	85	8	4	2	-	7-8	9	800
	Aberdeen	993·0	-24	S'W	4	3o	58	85	5	6	3	-	7-8	7-8	800
	Wick	990·5	-20	S	4	c	56	85	7	8	1	-	7-8	9+	1500
16	Lerwick	990·2	-26	SW	6	c	52	95	7	5	2	-	4-6	10	1500
17	Blacksod Point	995·8	+2	W	5	q	53	75	8	4	-	-	4-6	4-6	2500
18	Malin Head	992·7	-4	S	4	r.	53	85	7	6	-	-	9+	9+	1500
	Aldergrove	996·6	-2	WSW	4	RR	54	95	5	6	-	-	10	10	450
	Donaghadee	993·2	-18	SW	2	id.	59	95	7	5	-	-	9+	9+	800
19	Birr Castle	999·5	+22	SW	3	c	56	85	8	5	-	-	9+	9+	1500
20	Valentia Obsy.	1003·4	+30	SWW	6	bc	56	65	8	2	3	-	2-3	2-3	2500
	Roches Point	1003·1	+36	NW	5	bc	57	95	8	3	-	-	4-6	4-6	1500

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 26th September: 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)
1	London (Kew)	1010·6	0	SW'S	5	r.r.	63	85	8	6	2	-	7-8	10	1500	0	*
	Croydon	1011·1	-6	SSW	6	c	64	75	8	5	-	-	9+	9+	4000	1	*
	S. Farnborough	1010·6	+10	SSW	5	id.	61	95	5	6	2	-	5	10	800	1	*
	Boscombe Down	1009·6	+6	SSW	5	rr	59	95	4	6	-	-	10	10	450	1	*
	Calshot, S'thmtn	1011·4	0	S'W	7	d.d.	62	95	5	6	2	-	4-6	10	220	1	4
	Lympne	1013·7	-2	SW	3	c	61	95	8	5	3	2	7-8	9+	1500	1	§ 3
	Manston	1012·4	0	SSW	4	c	63	85	7	4	9	-	4-6	9	1500	0	*
2	Shoeburyness	1011·5	-4	SW	4	q	64	85	8	5	9	-	2-3	9	4000	0	*
	Felixstowe	1011·6	0	SW	6	c	63	85	7	5	7	2	2-3	7-8	2500	0	3
	Gorleston	1010·1	+4	S'W	5	c	64	75	6	5	-	-	9	9	2500	0	3
	Cranwell	1005·3	0	SSW	5	r.r.	61	95	7	6	-	-	10	10	800	1	*
3	Birmingham	1005·7	+6	WSW	4	rr	60	95	4	6	-	-	9+	9+	800	1	*
	Upper Heyford	1008·0	+2	SSW	6	DD	59	95	4	6	-	-	10	10	450	1	*
4	Ross-on-Wye	1008·2	+26	W'S	4	c/d	57	85	8	5	-	2	4-6	7-8	2500	1	*
5	Portland Bill	1009·9	-6	SW	6	rr	61	95	6	5	-	-	10	10	1500	1	4
	Plymouth	1011·8	+36	NWW	3	c/d	55	95	8	8	7	4	4-6	9	2500	1	4
	The Lizard	1013·1	+30	W'S	5	c	56	95	8	8	4	-	7-8	7-8	2500	1	3
	Scilly (St. Mary's)	1013·2	+26	WNW	5	c	56	75	7	4	4	8	2-3	7-8	2500	1	4
	Guernsey	1013·4	+2	SW	5	d.d.	62	95	5	6	-	-	10	10	800	1	4
6	Pembroke	1008·2	+36	W	6	q	57	65	7	5	6	9	2-3	4-6	5700	1	4
7	Holyhead	1004·9	+42	W'S	6	q	57	55	8	2	4	-	4-6	7-8	4000	1	2
	Chester (Sealand)	1005·6	+46	WSW	2	bc	58	65	8	5	4	4	2-3	4-6	1500	1	*
8	L'pool (Bidston)	1005·4	+34	W'S	3	bc	56	75	9	8	-	1	2-3	4-6	2500	1	*
	Manchester	1004·9	+42	WNW	4	r.	54	85	7	8	7	-	4-6	7-8	1500	1	*
9	Harrogate	1002·9	+14	SW	5	bc/pr	51	95	8	6	8	-	2-3	4-6	2500	1	*
10	Spurn Head	1003·5	-2	WSW	6	c	61	95	6	5	2	-	7-8	9+	2500	1	5
	Catterick	1001·7	+38	WSW	4	c/r	54	75	8	5	1	1	4-6	7-8	2500	1	*
	Tynemouth	998·3	+24	W	5	bc	58	65	7	9	-	-	4-6	4-6	1500	1	3
11	Inchkeith	995·3	+50	WSW	5	bc	52	85	8	8	6	1	4-6	4-6	2500	1	3
	Leuchars	994·8	+34	WSW	4	pr.	53	75	8	8	7	3	2-3	2-3	2500	1	*
12	Renfrew (Abbotsl)	996·6	+22	SW	3	bc	50	75	8	8	-	-	4-6	4-6	2500	1	*
	Eskdalemuir	999·4	+54	W	4	pr	50	85	7	8	-	-	7-8	7-8	1500	1	*
13A	Tiree	991·6	+6	SWS	6	c/p	52	75	6	6	7	-	7-8	9	1500	1	5
13B	Stornoway	987·4	-6	SW	5	pr	50	95	7	9	6	-	7-8	9+	1500	1	2
15	Dalwhinnie	993·9	+16	W	5	r.	46	85	7	3	2	-	7-8	10	800	1	*
	Aberdeen	992·1	+6	W'S	3	bc	53	85	7	5	7	1	1	2-3	2500	1	2
	Wick	988·4	-12	SW	4	rr	52	85	7	9	7	-	7-8	9	1500	1	3
16	Lerwick	987·0	-20	SSW	3	rr	50	95	6	6	-	-	10	10	800	2	*
17	Blacksod Point	998·6	+28	WNW	8	q	55	85	7	9	-	-	4-6	4-6	800	1	6
18	Malin Head	994·1	+8	WSW	6	pr.	53	85	7	6	-	-	9+	9+	800	1	3
	Aldergrove	993·2	+20	SW'S	6	bc/pr	53	65	8	8	-	-	4-6	4-6	2500	1	*
	Donaghadee	999·6	+30	SW	3	bc	53	75	8	5	3	-	2-3	4-6	1500	0	2
19	Birr Castle	1004·9	+30	WSW	4	pr	54	65	8	9	-	-	9	9	2500	1	*
20	Valentia Obsy.	1008·9	+30	SWW	5	c	56	65	8	5	-	-	7-8	7-8	1500	1	5
	Roches Point	1008·9	+40	NW	4	bc	57	75	8	3	-	-	4-6	4-6	2500	1	5

District	Stations. (For heights see p. 4.)	PAST 24 HOURS. WEATHER. 7h.–13h. 26th (37)	13h.–18h. 26th (38)	18h. 26th to 1h. 27th (39)	1h.–7h. 27th (40)
1	London (Kew)	c	cr.	cr.obc	bbcm.w
	Croydon	cd.r.	cd.rbc	od.d.m.bc	bcbwm.
	S. Farnborough	d.c.r.bc	ir.c.ide	circbcwx	bwxbm.
	Boscombe Down	oi.r.	orrm	orrmcbc	bcmbc
	Calshot, S'thmtn	id.cd.	cddm	r.r.bc / crrcbc	bwm.
	Lympne	c	c.r.c	pr.cv	cvbcm.
	Manston	bcc.r.c	c	cbc	cbcir.bc
2	Shoeburyness	c	cq	cbc	bcw
	Felixstowe	ci.bc	c	cr.c	cbc3.
	Gorleston	cq	cq	oir.qc	bcc
	Cranwell	c.b.c	cb.r.	cr.bc	bc
3	Birmingham	ci.r.	c.o ir.	crbc	bc
	Upper Heyford	cr.id.	oi.d.DD	o.DDc	cbcm.
4	Ross-on-Wye	d.q.p.q.q	id.q	bcb	bwbcc
5	Portland Bill	c	ci.r.r.3	cbcb	bbc
	Plymouth	ci.r.m.	o.Dd.d.d	c.b.c.b	bwcm.
	The Lizard	cp.r.o	r.r.e	cbc	bcw
	Scilly (St. Mary's)	r.d.d.m	o.d.d.m.c	cp.bc	bc.cbc
	Guernsey	cp.r.b.c	bc.c.o.d	o.r.r.bc	cbc
6	Pembroke	c.q.p.r.m.o	cp.r.b.c.q	bc	bcc
7	Holyhead	r.r.m.o	d.o.d.r	bcc	cb
	Chester (Sealand)	r.r.c.v.q	K.q.i.r. bc	b	bc
8	L'pool (Bidston)	i.r.c	c.v.q.r.c K.q	bc.b.v	v.b.b.c
	Manchester	c.r.d.	c.r. K.q	c.m.r.bc	bc.b.m.
9	Harrogate	c.r.r.c.q	c.b.c.q.p	bc.b pr.c.b.c	b
10	Spurn Head	c.p	p.r.c.c	c.b.b.b	bc
	Catterick	o.r.r.r.m.c	ci.r.r.r.c	c.b.c.i.r.	b.c.c.q.r.r.c
	Tynemouth	o.i.r.c	c.b.c.g	bc.q	bc
11	Inchkeith	c.i.r.	c.P.R	c.p.r.bc	b.c.c.q
	Leuchars	c.r.r.c	R.R.q.p.r.	b.c.b.q	b.c.b.q
12	Renfrew (Abbotsl)	o.r.r.r.c	o.R.r.r.m.b.c	b.c.c.i.r.q	b.c.c.r.o.c
	Eskdalemuir	r.r.i.d	r.r.c.p.r	c.p.r	c.b.c
13A	Tiree	i.r.c	c.i.r.q	c.P.R.q	P.R
13B	Stornoway	c.r.r.c	c.p.r	c.p.r.2	c.p.r.q
15	Dalwhinnie	i.r	i.r	"	"
	Aberdeen	c.i.r.q	b.c.P.R.b.c	b.c.b.b.c	b.c.c
	Wick	o.r.r.c	c.r.r.m.	c.b.c.W	b.c
16	Lerwick	c.o.r.r.i.r	o.r.r.m.	o.r.r.c.P.R	c.p.r
17	Blacksod Point	P b.c.q	P.R.c.q	p.r.c.q.r	b.c.q
18	Malin Head	o.i.r.c	c.p.r.	c.p.r.	b.c.c
	Aldergrove	c.r.o.r.r	o.R.r.p.r	b.c.q.c	c
	Donaghadee	c.i.d.	P.R.b.c	b.c	b.c.W
19	Birr Castle	c.o.r.r.c	c.b.c.p.r	o.b.c	b.c
20	Valentia Obsy.	r.o.r.c.b.c	b.c.y.c	c	c.p.r.c
	Roches Point	o.i.d.b.c	b.c	b.c.b	b.b.c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, " less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ≠ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"t r" 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), or Nimbo-stratus (Nb-St).
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.

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

§ Sea disturbance reported from Dungeness.

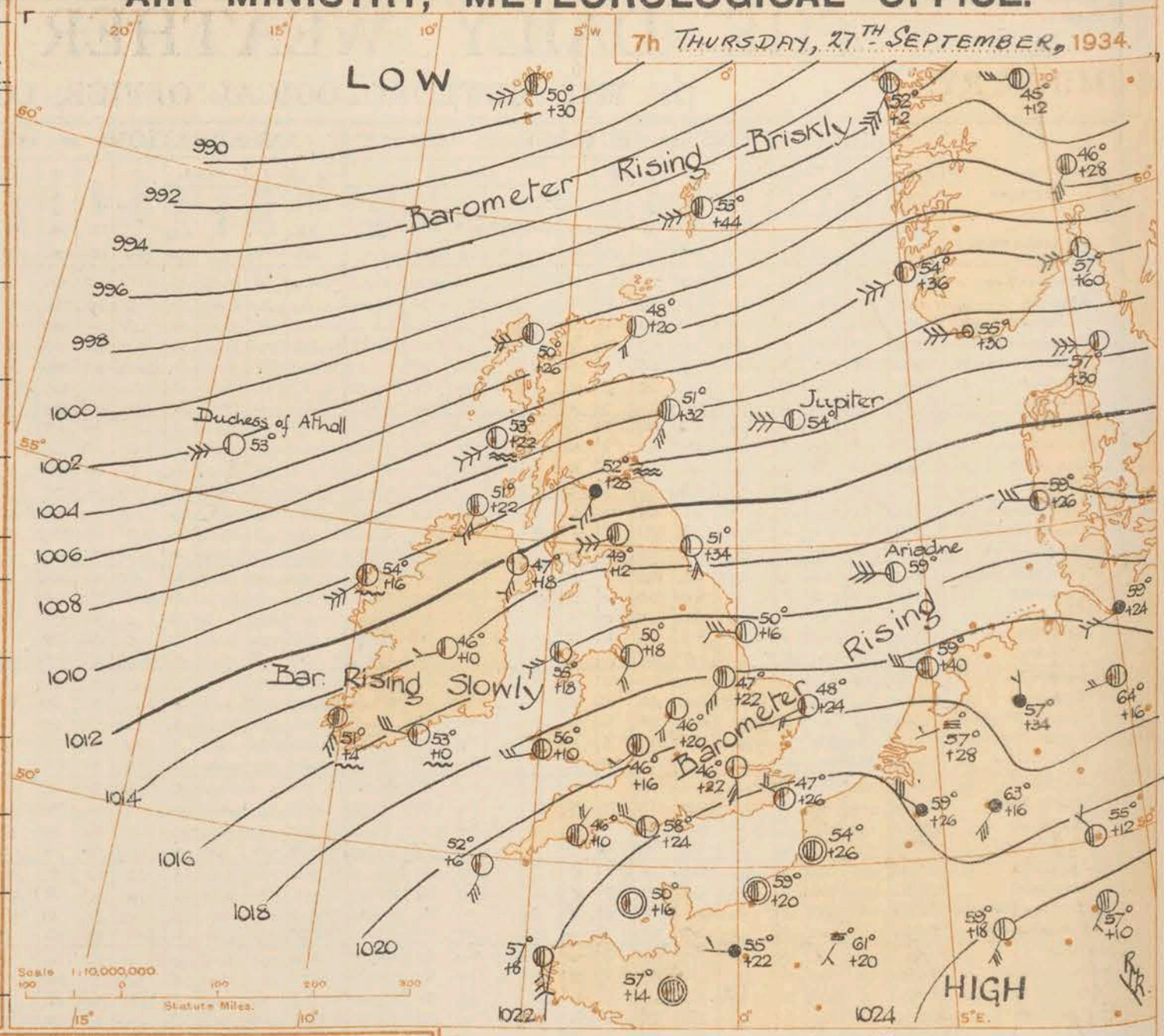
REPORTS from HEALTH RESORTS for Wed. 26th September 1934

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	o	o	47	63	–	–	0.1	9.8
	Bournemouth	o	odm	52	64	–	Trace	0.0	8.4
	Ventnor ...	poco	ocu	56	64	Trace	–	0.5	9.4
	Southsea ...	odobc	co	55	65	Trace	Trace	0.5	9.2
	Bognor Regis	cbcco	oir	52	64	–	0.3	0.5	10.1
	Littlehampton	cdcbc	bcc	56	65	–	Trace	0.5	9.2
	Worthing ...	cdoc	c	56	64	–	Trace	0.2	9.7
	Brighton ...	odo	obc	56	64	–	Trace	0.4	9.3
	Eastbourne†	o	oc	57	64	–	–	0.1	9.7
	Hastings† ...	ocbcc	cbcco	55	65	–	–	0.3	10.1
	Folkestone ...	coc	cbcc	52	66	–	–	0.6	9.9
	Dover... ...	c	cbcc	52	66	–	–	0.9	10.3
	Deal	co	cobcc	49	66	–	–	1.7	9.6
	Ramsgate ...	c	c	57	65	–	–	0.5	9.9
	Margate ...	c	c	51	66	–	–	0.7	9.7
2	Southend ...	oc	cq,oc	52	65	–	–	0.2	9.3
	Maldon ...	oc	c	46	67	–	–	0.6	9.3
	Clacton-on-Sea	c	c	51	64	–	–	0.1	9.8
	Dovercourt ...	bcc	bcc	51	66	–	–	0.9	9.5
	Lowestoft ...	c	c	49	65	–	–	0.3	10.7
	Skegness ...	ro ro	ro o	49	64	0.4	Trace	0.0	8.1
	Mablethorpe	oro o	orm,	43	65	Trace	0.3	0.0	9.5
	Cleethorpes ...	ocro	co	44	65	Trace	–	0.0	9.0
3	Leamington S.	oc	or	48	64	–	1	0.1	7.8
4	Cheltenham†	oco	oiro	50	64	–	0.3	0.1	8.0
5	Bath	cir o	crd	52	63	Trace	1	0.0	6.7
	Weymouth ...	c	cdr	56	64	–	2	0.0	8.3
	Jersey ...	cbc	bcc	58	69	–	–	4.3	5.0
	Torquay ...	o	ordgm,	55	63	–	2	0.0	5.8
	Penzance ...	cbrr	rrc	46	63	Trace	8	0.1	4.5
	St. Ives ...	r	p	55	61	2	12	0.0	3.6
	Bude	cpdcd	dc	52	64	Trace	6	0.0	2.0
	Ilfracombe ...	oco	or	54	65	0.4	9	0.0	5.6
6	Aberystwyth	orr	rrc	53	62	6	1	0.0	3.8
7	Llandudno ...	rc pc	cp bc	54	69	2	1	3.9	7.2
	Colwyn Bay...	orc	cbcdb	54	65	4	Trace	3.9	6.7
	Rhyl	crrc	bcr o	53	61	2	Trace	3.9	8.6
8	Wallasey ...	ir	opc	52	66	4	1	0.0	6.2
	Southport‖ ...	ro	orc	51	65	10	2	0.0	6.3
	Blackpool ...	oro	orc	51	62	10	5	0.0	7.4
	Morecambe ...	rrorr	orro	51	62	13	12	0.0	8.8
9	Ilkley... ...	or	oro	49	64	4	4	0.0	9.6
10	Berwick-on-T.	oc	cpbo	49	65	3	Trace	1.4	6.7
11	Dunbar ...	cp	bcp	51	59	0.3	2	3.6	5.6
12	Troon...	Rorc	rcrrc	52	60	19	10	0.1	3.5
	Douglas ...	om,ir	cbidq	53	60	18	1	0.4	8.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h THURSDAY, 27TH SEPTEMBER, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate southwest to south wind; mainly fair; average temperature.
5. S.W. England	Light or moderate southerly wind, freshening; fair at first, rain probable later; average temperature.
6. South Wales 7. North Wales 8. N.W. England	Light or moderate southwest to south wind, freshening; fair at first, apart from local showers, rain probable later; average temperature.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate southwest to south wind; mainly fair at first, perhaps rain later; average temperature.
12. S.W. Scotland & Isle of Man 13. A. W. Scotland. B. N.W. Scotland	Moderate or fresh southwesterly wind; bright intervals and showers, perhaps more general rain later; average temperature.
14. Mid Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate or fresh west to southwest wind; bright intervals and showers; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate southerly wind, freshening; mainly fair at first, rain later; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 2/10 to 3/10 clouded. ◕ Sky 4/10 to 5/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression centred near Eastern Iceland is growing less deep, while another disturbance is advancing from the Atlantic. Weather will be mainly fair in the Southeast but will be unsettled in the West and North.

FURTHER OUTLOOK.

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.

Morning of
THURSDAY,
27th SEPTEMBER,
1934.

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

Clarke's Projection Scale 1 : 4×10^7 along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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

Thursday, 27th SEPTEMBER 1934.

No. 26607

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

District	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1017·9	+32	SW'W	3	bc	51	85	7	-	-	2	0	2·3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017·7	+30	NW	3	bc	54	85	9	-	-	9	0	4·6	-
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1015·4	+36	WSW	3	bc	56	85	7	-	7	-	0	4·6	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1019·1	+26	WNW	4	b	57	75	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1018·7	+16	SW	3	bc	53	95	8	4	-	-	2·3	2·3	2500
	Scilly (St. Mary's)	163	1019·2	+12	WSW	3	bc	54	95	8	2	-	-	4·6	4·6	2500
	Guernsey ...	175	1020·0	+20	WNW	1	c	55	85	8	8	1	-	4·6	7·8	2500
6	Pembroke ...	142	1014·5	+12	W	4	bc	56	65	7	5	6	-	2·3	4·6	5700
7	Holyhead ...	26	1013·0	+24	SW	4	c	55	75	7	5	3	6	2·3	9	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013·0	+16	W'N	4	b	52	85	8	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1006·2	+20	W	4	bc	55	65	7	2	-	-	2·3	2·3	2500
11	Inchkeith ...	190	1003·8	+20	WSW	7	bc	53	85	8	5	7	-	4·6	4·6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13b	Stornoway ...	34	994·9	+50	WSW	5	c	52	75	7	8	7	1	4·6	7·8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	995·1	+36	SW	4	bc	49	85	8	5	8	-	2·3	2·3	2500
16	Lerwick ...	156	989·9	+26	SW	7	c j p	48	95	7	9	-	-	7·8	7·8	1500
17	Blacksod Point	18	1007·4	+22	WNW	7	bc q	54	85	7	9	-	-	4·6	4·6	1500
18	Malin Head ...	52	1004·3	+30	S'W	5	bc	53	85	7	3	-	-	4·6	4·6	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1013·3	+20	SW	6	c	53	95	8	8	-	-	9+	9+	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	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)
1	London (Kew)...	1022·2	+14	SW	1	bc	48	95	5	-	-	6	0	2·3	-	0	*
	Croydon ...	1021·9	+22	S	3	3.	46	95	6	-	4	1	0	1	-	1	*
	S. Farnborough	1021·5	+20	-	0	bc	42	95	6	-	5	2	0	2·3	-	1	*
	Boscombe Down	1021·5	+16	SW'S	1	bc	44	95	7	-	3	9	0	4·6	-	1	*
	Calshot, (S'thmtn)	1022·2	+22	SW	3	3.	49	85	6	-	7	-	0	2·3	-	1	1
	Lympne ...	1022·8	+26	WNW	2	bc	47	95	6	-	-	1	0	4·6	-	1	§ 1
	Manston ...	1022·3	+26	SW	2	bc	48	95	6	-	7	8	0	2·3	-	0	*
2	Shoeburyness	1021·7	+20	SW	2	bc	50	95	6	-	8	-	0	2·3	-	0	*
	Felixstowe ...	1021·3	+28	W'N	1	3.	49	95	6	-	-	2	0	2·3	-	0	0
	Gorleston ...	1020·1	+24	SW'W	2	bc	48	85	6	-	4	-	0	4·6	-	0	2
	Cranwell ...	1019·3	+22	SW	3	c	47	95	7	-	9	1	0	7·8	-	1	*
3	Birmingham ...	1020·2	+20	SW	2	bc	46	85	6	-	-	6	0	4·6	-	1	*
	Upper Heyford	1021·2	+18	SW	2	3.	45	95	6	-	-	6	0	4·6	-	1	*
4	Ross-on-Wye ...	1020·1	+16	SW	1	c	46	95	7	5	-	6	1	7·8	4000	1	*
5	Portland Bill...	1021·7	+24	WNW	3	bc	58	75	8	4	-	1	2·3	4·6	2500	1	3
	Plymouth ...	1021·1	+10	NE	2	3.	46	95	5	5	-	9	7·8	7·8	1500	1	2
	The Lizard ...	1020·7	+6	SSW	3	bc	54	95	8	4	4	1	2·3	4·6	4000	1	3
	Scilly (St. Mary's)	1020·5	+6	S'W	3	bc	52	95	8	4	4	3	2·3	4·6	2500	1	2
	Guernsey ...	1022·6	+16	-	0	bc	50	95	7	-	1	-	0	4·6	-	1	1
6	Pembroke ...	1017·5	+10	WSW	3	c	56	75	7	5	1	2	4·6	7·8	4000	0	2
7	Holyhead ...	1015·6	+18	SW'W	4	bc	55	75	8	1	-	5	1	2·3	2500	1	2
	Chester (Sealand)	1018·2	+18	SSW	2	bc	50	85	7	5	3	4	2·3	4·6	4000	1	*
8	L'pool (Bidston)	1018·1	+14	SW	3	bc	50	75	8	2	-	9	1	2·3	4000	1	*
	Manchester	1017·4	+20	SW	3	3.	45	95	6	2	3	1	Tr	1	2500	1	*
9	Harrogate ...	1016·4	+20	SSW	3	b	49	75	6	6	-	-	1	1	2500	1	*
10	Spurn Head ...	1017·9	+16	W	4	bc	50	85	7	-	1	9	0	4·6	-	0	3
	Catterick ...	1015·1	+26	SW'S	3	c	53	75	8	5	-	-	7·8	7·8	2500	1	*
	Tynemouth ...	1013·7	+34	SSE	2	bc	51	85	6	5	-	-	4·6	4·6	1500	1	2
11	Inchkeith ...	1008·8	+30	WSW	7	bc	52	85	7	5	4	4	1	2·3	1500	1	5
	Leuchars ...	1008·2	+10	WSW	5	b	50	85	7	7	-	1	1	1	2500	1	*
12	Renfrew (Abbotsl)	1010·8	+28	S'W	4	pr	52	75	8	9	-	-	9	9	1500	1	*
	Eskdalemuir ...	1012·5	+12	WSW	6	c	49	85	7	5	-	-	7·8	7·8	1500	1	
13a	Tiree	1006·2	+22	SW	6	bc/pr	53	75	7	3	-	9	4·6	4·6	2500	1	5
13b	Stornoway ...	1001·0	+26	WSW	5	c/pr	50	85	7	8	7	-	4·6	7·8	1500	1	3
15	Dalwhinnie ...	1007·9	+36	SSW	5	bc	46	85	7	8	1	-	4·6	4·6	1500	1	*
	Aberdeen ...	1007·3	+32	S'W	3	c	51	75	7	5	7	9	1	7·8	2500	1	1
	Wick	1002·3	+20	SW	2	bc	48	85	8	7	7	4	2·3	4·6	2500	1	2
16	Lerwick ...	998·0	+44	WSW	6	c/pr	53	85	7	8	-	-	7·8	7·8	1500	1	*
17	Blacksod Point	1009·9	+16	SW	6	q	54	85	8	3	4	-	4·6	4·6	1500	0	4
18	Malin Head ...	1008·3	+22	S'W	4	c	51	95	7	8	8	-	4·6	7·8	1500	1	2
	Aldergrove ...	1012·7	+18	SSW	4	b	47	85	7	5	3	-	1	1	1500	1	*
	Donaghadee ...	1013·4	+20	W	2	bc	49	85	8	5	3	-	1	2·3	2500	0	1
19	Birr Castle ...	1014·6	+10	WSW	1	bc	46	95	7	-	-	8	0	4·6	-	1	*
20	Valentia Obsy.†	1014·8	+4	S'W	3	c	51	85	8	5	-	2	Tr	9	2500	1	4
	Roches Point...	1016·0	+10	W	3	bc	53	85	8	3	-	-	4·6	4·6	2500	1	4

PAST 24 HOURS.

District	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 26th Hrs. (36)
1	London (Kew)...	65	47	40	0·1	0·2	0·7
	Croydon ...	65	45	41	Tr.	0·2	0·4
	S. Farnborough	65	41	28	Tr.	1	0·4
	Boscombe Down	63	40	37	1	1	0·2
	Calshot, (S'thmtn)	64	48	43	0·2	2	0·3
	Lympne ...	64	46	38	-	Tr	0·4
	Manston ...	65	46	42	Tr.	Tr	0·3
2	Shoeburyness	67	48	44	-	-	0·1
	Felixstowe ...	65	48	43	Tr.	Tr	1·0
	Gorleston ...	66	47	46	-	0·3	1·1
	Cranwell ...	64	46	44	0·2	0·4	0·0
3	Birmingham ...	63	44	39	0·1	0·3	0·0
	Upper Heyford	63	43	35	2	1	*
4	Ross-on-Wye ...	64	44	33	0·3	-	0·1
5	Portland Bill...	63	53	*	2	(1)	*
	Plymouth ...	61	44	39	1	Tr	0·0
	The Lizard ...	61	52	*	2	-	*
	Scilly (St. Mary's)	61	50	*	4	0·1	0·4
	Guernsey ...	65	49	43	0·2	4	1·8
6	Pembroke ...	61	56	*	2	-	1·0
7	Holyhead ...	60	53	49	4	-	0·6
	Chester (Sealand)	68	50	38	0·4	-	0·3
8	L'pool (Bidston)	65	49	46	0·3	-	0·3
	Manchester	65	45	36	5	Tr	0·1
9	Harrogate ...	64	48	45	6	-	1·0
10	Spurn Head ...	64	49	*	0·2	(1)	0·0
	Catterick ...	63	51	47	3	1	0·0
	Tynemouth ...	65	51	45	0·3	-	*
11	Inchkeith ...	63	51	47	7	Tr	1·7
	Leuchars ...	64	49	45	9	-	1·4
12	Renfrew (Abbotsl)	62	50	47	10	1	1·3
	Eskdalemuir ...	60	47	44	13	0·2	0·1
13a	Tiree	54	51	46	0·2	2	0·5
13b	Stornoway ...	55	49	*	3	2	1·3
15	Dalwhinnie ...	57	42	39	6	13	0·6
	Aberdeen ...	60	48	40	8	-	1·4
	Wick	57	44	*	6	(1)	*
16	Lerwick ...	53	47	*	11	13	0·0
17	Blacksod Point	56	51	*	4	1	*
18	Malin Head ...	55	49	*	1	0·5	1·7
	Aldergrove ...	58	46	43	7	-	2·3
	Donaghadee ...	62	48	*	7	-	*
19	Birr Castle ...	58	46	41	2	-	3·5
20	Valentia Obsy.†	57	49	45	3	0·3	5·6
	Roches Point...	60	51	*	1	-	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	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. %	Humidity. 9h. G.M.T. %	Visibility 9h. To-day.
Kew	18	c	cr.	c.obbc.mw	65	47	40	0·1	0·2	0·7	*	*	6
Croydon	217	cd.r.	cd.sc	b.bc.bm.	65	45	41	Tr	0·2	0·4	*	*	7
Greenwich (Royal Observatory) ...	149	c	c	cd.r.w.bw	67	44	36	-	0·3	0·4	74	67	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·5	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	65	46	40	0·3		0·5	75	75	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	66	47	39	-	0·2	0·4	83	75	*
Camden Square	110	c	c	*	65	48	41	-	0·3	*	*	76	*
Kensington	80	co	coc	*	65	47	38	-	0·3	0·5	At 18h. 69	69	*
Hampstead Observatory	459	o	or	obbc	63	44	36	Tr	0·3	0·2	*	84	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 27th

South Kensington. Max.	Time.	Min.	Time.
<0·3	Whole	period	

Kew Observatory. Max.	Time.	Min.	Time.
0·1	6h 27h	<0·1	9-20h 26h

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	1016·5	SSW	2	bc	73	1023·0	SW	1	m	61	77	59	-	Tr
Brussels	1015·1	SSW	4	bc	66	1021·4	WNW	3	id.	59	72	59	-	0·1
Berlin	1020·4	SE	3	3.	57	1020·3	S'W	1	3.	57	66	52	-	-
Zürich	1022·8	NE	1	bc	61	1026·6	SSE	1	b	55	73	54	-	-
Rome	1021·5	W	4	bc	70	1022·9	NE	2	b	66	*	*	-	-

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 ,,	3¼	,,
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.

† 1hr. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 28th September 1934.

No. 26.608

OBSERVATIONS at 13h. G.M.T. 27th September

Dist.	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)
1	London (Kew)	1023·3	+2	SW	2	c	63	55	8	7	-	2	2·3	7-8	4000
	Croydon	1023·4	0	SW'W	2	bc	64	55	8	1	-	6	1	4·6	4000
	S. Farnborough	1023·0	-6	SW	3	bc	67	45	8	-	-	3	4·6	4·6	4000
	Boscombe Down	1022·3	-4	S'W	3	c	62	65	7	-	-	8	4·6	9	4000
	Calshot, S'thmtn	1023·5	-2	SSW	3	c	64	65	8	1	-	6	1	7-8	4000
	Lympne	1024·5	+2	SW'S	3	bc	63	55	8	-	3	6	-	4·6	2500
	Manston	1023·9	-2	SSW	3	bc	65	45	8	-	-	2	0	2·3	-
2	Shoeburyness	1023·8	0	SW	2	c	66	55	8	-	-	-	0	7-8	-
	Felixstowe	1023·5	0	SW'S	3	bc	64	45	8	5	4	2	1	4·6	4000
	Gorleston	1023·2	+6	SW	3	bc	62	55	7	1	6	1	2·3	4·6	4000
	Cranwell	1021·6	0	SW'S	4	3c	62	55	6	1	-	2	4·6	7-8	4000
3	Birmingham	1021·2	+4	SW	3	c	60	65	7	4	-	4	4·6	7-8	2500
	Upper Heyford	1022·3	-6	SW	3	c	61	55	8	4	-	3	4·6	7-8	4000
4	Ross-on-Wye	1021·0	+4	WSW	3	c	61	55	8	1	-	2	1	7-8	4000
5	Portland Bill	1023·1	0	W	3	c	61	75	8	5	2	-	7-8	10	2500
	Plymouth	1021·6	-2	S'E	3	c	58	85	8	5	7	-	2·3	9	2500
	The Lizard	1020·8	-4	SE'S	4	pr$_o$	56	95	7	5	-	-	10	10	2500
	Scilly (St. Mary's)	1019·2	-12	SE'S	4		57	95	7	5	-	-	10	10	1500
	Guernsey	1022·7	-6	SSE	2	c	62	75	7	5	-	-	4·6	9	4000
6	Pembroke	1019·2	-2	SSW	3	c	60	75	8	7	8	2	2·3	7-8	7200
7	Holyhead	1018·2	0	SSW	4	c	58	65	8	8	7	4	2·3	7-8	2500
	Chester (Sealand)	1020·2	+2	SSW	3	c	61	55	8	7	-	6	2·3	9	4000
8	L'pool (Bidston)	1019·7	+2	W	3	c	59	55	8	7	-	6	2·3	9	4000
	Manchester	1020·1	+10	WSW	3	c	59	55	7	8	3	6	4·6	7-8	4000
9	Harrogate	1019·2	+10	W'S	3	bc	61	55	8	2	-	-	4·6	4·6	4000
10	Spurn Head	1020·9	+6	W'N	4	c	61	75	7	2	7	-	4·6	7-8	4000
	Catterick	1018·7	+10	W'S	4	bc	60	55	8	7	-	2	4·6	4·6	4000
	Tynemouth	1017·1	+18	WSW	3	bc	60	55	7	9	-	-	4·6	4·6	1500
11	Inchkeith	1014·2	+10	WSW	6	c	57	65	8	8	7	6	7-8	7-8	2500
	Leuchars	1014·4	+32	SSW	4	c	57	65	7	8	-	8	4·6	9	2500
12	Renfrew (Abbotsl)	1014·3	+12	SW'S	5	c	57	65	8	1	-	6	2·3	7-8	4000
	Eskdalemuir	1016·1	+20	WSW	5	c	54	65	8	8	-	8	7-8	9+	2500
13A	Tiree	1010·8	+12	SW'S	6	pr	56	75	7	8	-	-	7-8	7-8	2500
13B	Stornoway	1007·3	+26	SW	4	c/pr	55	75	7	8	7	-	4·6	9+	1500
15	Dalwhinnie	1011·4	+18	SW	5	c$_o$	50	85	9	4	-	-	4·6	7-8	1500
	Aberdeen	1012·9	+24	SW'S	3	bc	60	55	8	2	3	-	4·6	4·6	2500
	Wick	1008·9	+24	W	3	c	57	65	8	8	7	-	7-8	7-8	1500
16	Lerwick	1004·7	+28	W'S	7	bc	54	75	7	8	7	-	2·3	4·6	1500
17	Blacksod Point	1010·8	-2	S	6	q	59	85	8	3	-	-	4·6	4·6	2500
18	Malin Head	1011·6	+4	S'W	4	c	57	75	7	8	-	2	7-8	9+	1500
	Aldergrove	1015·2	+2	SSW	5	c	58	65	8	8	-	6	4·6	7-8	4000
	Donaghadee	1015·2	+2	W	2	bc	60	65	8	5	3	-	2·3	4·6	2500
19	Birr Castle	1015·1	-2	S	3	c	59	65	8	8	-	-	9	9	2500
20	Valentia Obsy.	1013·7	-16	S'E	5	c	59	75	8	8	7	1	4·6	7-8	2500
	Roches Point	1015·5	-4	SW	4	bc	59	85	8	3	-	-	4·6	4·6	2500

OBSERVATIONS at 18h. G.M.T. 27th September

Dist.	Stations. (For heights see p. 4.)	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)
1	London (Kew)	1022·6	-6	S	3	c	60	65	7	5	-	-	9+	9+	2500	1	*
	Croydon	1022·9	+2	S'E	2	c	59	75	7	5	7	9	2·3	9+	4000	1	*
	S. Farnborough	1022·3	-4	S	2	3c	59	75	6	5	-	-	9+	9+	7200	1	*
	Boscombe Down	1021·2	-8	SSE	3	c	56	85	7	5	-	-	9+	9+	2500	0	*
	Calshot, S'thmtn	1022·3	-10	SE'E	4	c	60	75	7	5	7	-	4·6	9+	4000	0	1
	Lympne	1024·2	-2	S	2	c	57	75	7	5	-	1	9	9+	4000	1	§2
	Manston	1023·9	0	S	3	c	57	75	8	-	3	-	0	7-8	-	0	*
2	Shoeburyness	1023·6	-2	SSW	3	c	60	85	8	5	7	-	7-8	9+	4000	0	*
	Felixstowe	1023·3	0	S	3	c	60	75	7	-	7	9	0	7-8	-	0	2
	Gorleston	1023·2	0	S	3	bc	59	75	7	-	4	-	0	4·6	-	0	2
	Cranwell	1021·7	0	SE	2	bc	53	85	7	5	3	6	2·3	4·6	4000	1	*
3	Birmingham	1020·1	-8	SSE	2	bc	58	65	7	5	3	9	2·3	4·6	4000	1	*
	Upper Heyford	1021·4	-2	S	3	c	58	55	7	5	7	-	7-8	9+	4000	1	*
4	Ross-on-Wye	1020·1	-6	S	4	c|jp	58	65	7	5	2	-	9	10	2500	0	*
5	Portland Bill	1020·3	-20	ESE	4	c	60	85	8	5	-	-	10	10	2500	1	3
	Plymouth	1018·7	-20	SE	4	d$_o$d$_o$	57	95	6	5	2	-	9+	10	450	1	2
	The Lizard	1017·0	-16	SSE	4	o	58	95	7	5	-	-	10	10	2500	1	3
	Scilly (St. Mary's)	1015·0	-8	S'W	5	c	59	95	6	5	7	-	2·3	9	2500	1	3
	Guernsey	1020·6	-12	S'E	3	o	63	95	8	5	-	-	10	10	2500	1	3
6	Pembroke	1015·4	-16	S'W	3	DD	56	95	5	4	-	-	10	10	220	1	2
7	Holyhead	1016·1	-18	S'E	3	c	57	75	8	5	3	1	2·3	7-8	4000	1	2
	Chester (Sealand)	1018·5	-10	S'E	2	c	57	65	6	4	3	2	Tr	7-8	4000	0	*
8	L'pool (Bidston)	1018·3	-8	SE	2	bc	58	65	7	6	4	6	2·3	4·6	2500	0	*
	Manchester	1019·2	-8	S'E	3	c	58	65	5	5	3	9	2·3	7-8	4000	0	*
9	Harrogate	1019·5	0	S	1	c	55	75	5	-	7	9	0	9	-	1	*
10	Spurn Head	1020·9	0	SW	3	c	58	85	7	5	7	9	2·3	7-8	2500	0	2
	Catterick	1019·2	+2	S'W	1	c	55	75	7	-	5	1	0	7-8	-	0	*
	Tynemouth	1018·0	+4	WSW	2	bc	58	55	6	4	-	-	4·6	4·6	4000	1	2
11	Inchkeith	1015·4	+6	SW	4	c	56	65	8	8	-	3	2·3	7-8	2500	0	3
	Leuchars	1015·9	+4	S	1	c|jp	54	75	7	8	-	8	7-8	9	2500	1	*
12	Renfrew (Abbotsl)	1014·9	+2	S	3	bc	55	75	6	4	-	8	2·3	4·6	7200	1	*
	Eskdalemuir	1016·6	0	SSW	3	c	50	85	7	8	-	6	2·3	7-8	2500	1	*
13A	Tiree	1010·6	-2	S	4	c	55	85	7	5	6	-	7-8	9	2500	0	3
13B	Stornoway	1009·3	+6	SSW	4	c	54	75	7	8	7	-	4·6	9	1500	1	2
15	Dalwhinnie	1014·0	+16	S	4	c	50	75	8	8	1	-	4·6	7-8	2500	0	*
	Aberdeen	1014·9	+10	SSW	2	bc	56	65	7	-	4	1	0	2·3	-	1	1
	Wick	1011·6	+14	SW	4	c	54	85	8	5	7	-	4·6	9	1500	1	2
16	Lerwick	1009·4	+30	WSW	5	c/pr	53	85	7	8	7	-	4·6	7-8	1500	1	*
17	Blacksod Point	1007·8	-14	S	6	q	58	75	8	8	-	-	10	10	4000	0	4
18	Malin Head	1009·8	-10	S'E	3	c	56	75	7	4	4	8	2·3	9+	1500	1	1
	Aldergrove	1013·2	-14	SSE	3	c	56	75	8	5	3	3	1	9	4000	1	*
	Donaghadee	1013·2	-12	SW	2	bc	57	75	8	8	3	-	4·6	4·6	1500	0	1
19	Birr Castle	1011·8	-24	S	1	c	56	75	8	5	-	-	9+	9+	4000	1	*
20	Valentia Obsy.	1007·5	-38	SE'S	6	cd$_o$	57	95	5	5	-	-	10	10	800	1	4
	Roches Point	1011·4	-30	S	5	cr$_o$	57	95	7	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

Dist.	Stations. (For heights see p. 4.)	Weather. 7h.–13h. 27th (37)	Weather. 13h.–18h. 27th (38)	Weather. 18h. 27th to 1h. 28th (39)	Weather. 1h.–7h. 28th (40)
1	London (Kew)	bcc	cyc	cbc	bccm$_o$w
	Croydon	bcm$_o$bcy	bcyc	c	dbcm$_o$c
	S. Farnborough	bwbccy	bcycy	c$_3$$_o$	c
	Boscombe Down	bcc	c	cir$_o$c	cm$_o$c
	Calshot, S'thmtn	bm$_o$bc	bcc	cbc	bcc
	Lympne	bcm$_o$bcy	bcyc	bccm$_o$	bwcm
	Manston	bc3$_o$6	bybcc	cb	bw
2	Shoeburyness	bcy	bcc	cbc	bcw
	Felixstowe	bc3$_o$bcy	bcyc	c,b	bwbcm$_o$
	Gorleston	bcy	bcy	bcc	cqbc
	Cranwell	bcc3$_o$	bc	cpr$_o$c	dbcm$_o$
3	Birmingham	bc	bc	bccr$_o$	cbc
	Upper Heyford	bccy	cy	cid$_o$	cm$_o$
4	Ross-on-Wye	cbccd	bcyc	cpc	cbbcb
5	Portland Bill	bcc	c	c	c
	Plymouth	bcc	cd$_o$d$_o$m$_o$	cmd$_o$rr	c
	The Lizard	bcpr$_o$	arrm	owpdc	cpd$_o$m
	Scilly (St. Mary's)	bcc	ddmrc	crc	id$_o$m$_o$
	Guernsey	bcc	c	cbcc	cbcc
6	Pembroke	cbcc	cm$_o$ddc	cqPRc	cqir$_o$m$_o$c
7	Holyhead	b,c	cpr$_o$	cid$_o$	rirc
	Chester (Sealand)	m$_o$bcr$_o$y	cy	c	cbc
8	L'pool (Bidston)	b,c	cbc	c	cbc
	Manchester	b,bc	cbcy	cbcm$_o$	cpr$_o$bc
9	Harrogate	bbc	bcc	c	cfd$_o$
10	Spurn Head	bc	cbc	pir$_o$	pr$_o$c
	Catterick	bbcpr$_o$y	bcy	bcyc	cm$_o$pro$_o$m$_o$
	Tynemouth	bc	bc	bccq	c
11	Inchkeith	c	bcc	c	corc
	Leuchars	bcqc	cbc	cbcc	rrirc
12	Renfrew (Abbotsl)	cpr$_o$bcq	cbcm$_o$	bcm$_o$c	crrRc
	Eskdalemuir	bcc	bcpr$_o$	cpr	crorr
13A	Tiree	bcpr	bcc	cbc	cokr
13B	Stornoway	cpr	c	c	crrom$_o$
15	Dalwhinnie	cr	bc	•	ir
	Aberdeen	cbcy	bcy	bbcc	crrcm$_o$
	Wick	bcc	c	c	crr
16	Lerwick	cpr bc	bccpr$_o$	bc	bccorr
17	Blacksod Point	bcq	bccq	rr	iR
18	Malin Head	c	c	cr$_o$r	cpr
	Aldergrove	cbbc	c	cro$_o$c	cqr$_o$
	Donaghadee	bc	bc	cir$_o$	ir$_o$c
19	Birr Castle	bcc	c	coir	oir$_o$
20	Valentia Obsy.	c	cocd$_o$	id$_o$r$_o$	q$_o$RR
	Roches Point	bc	cocr$_o$	ir$_o$orr	oid$_o$

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.
fe, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊖ lunar halo. ⌿ gale
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; –, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/10 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), or Nimbo-stratus (Nb-St).
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.

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

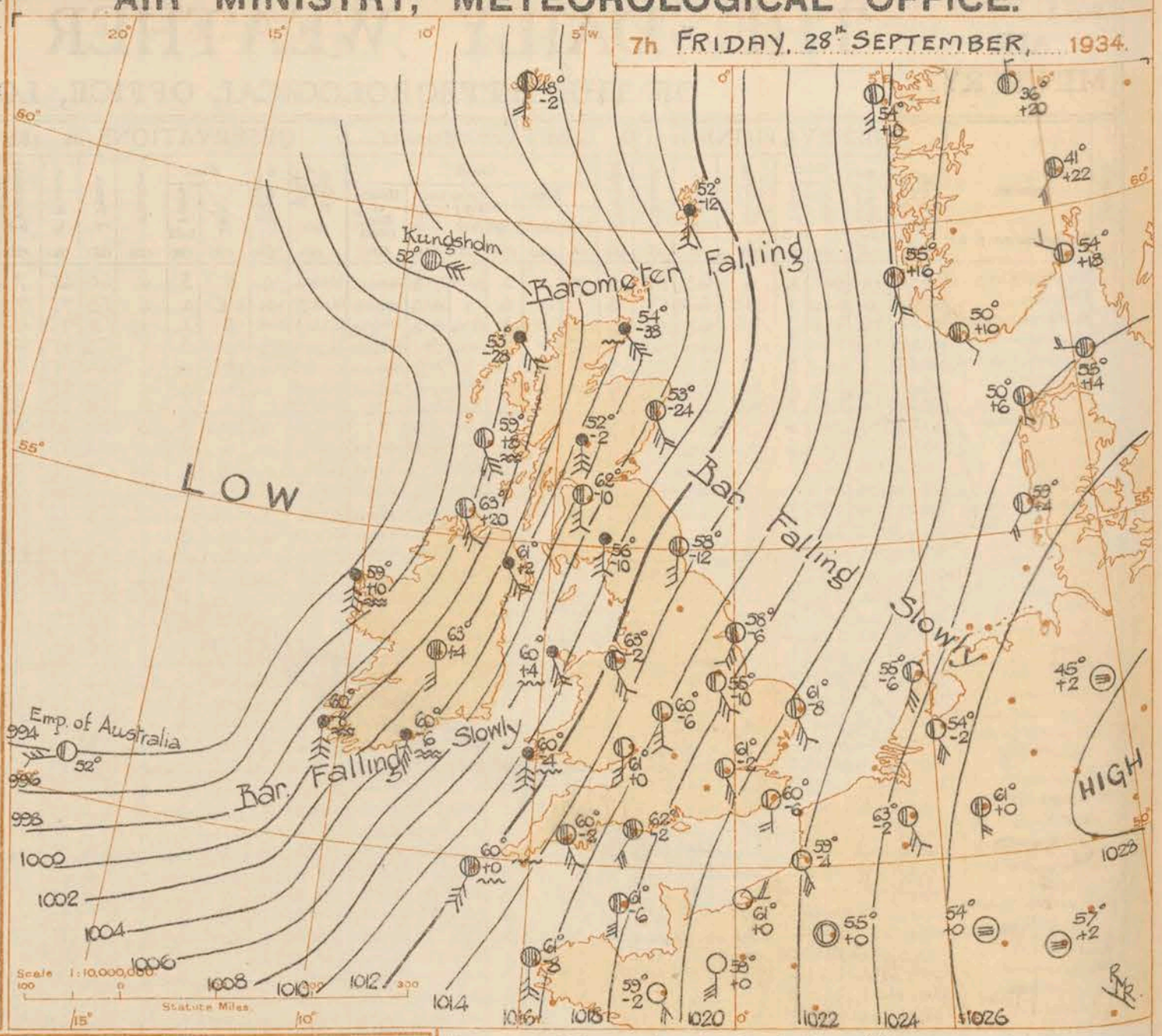
§ Sea disturbance reported from Dungeness

REPORTS from HEALTH RESORTS for 27th September 1934.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	bbc	bco	40	65	2	-	8·8	0·1
	Bournemouth	b	bco	45	64	4	-	7·0	0·0
	Ventnor ...	rmb	bc	51	65	2	-	7·2	0·5
	Southsea ...	b	bbcc	47	65	1	-	7·8	0·5
	Bognor Regis	b	bbco	48	64	-	-	7·9	0·5
	Littlehampton	bc	bcc	43	64	Trace	-	7·9	0·5
	Worthing ...	bbcb	bbcc	46	64	Trace	-	8·1	0·2
	Brighton ...	b	bbc	46	64	0·3	-	7·8	0·4
	Eastbourne†	bcb	bbc	48	64	-	-	7·1	0·1
	Hastings† ...	bcb	bbcc	47	63	Trace	-	7·5	0·3
	Folkestone ...	bbcb	bbc	47	65	-	-	8·2	0·6
	Dover... ...	ybc	bc	49	64	-	-	8·7	0·9
	Deal	b	b	47	65	-	-	9·2	1·3
	Ramsgate ...	b	bbc	49	65	-	-	8·7	0·5
	Margate ...	bc	bc	49	66	-	-	9·3	0·7
2	Southend ...	bcm	bcc	49	71	Trace	-	8·9	0·2
	Maldon ...	wb	b	44	67	-	-	8·0	0·6
	Clacton-on-Sea	bc	bc	47	63	-	-	8·5	0·1
	Dovercourt ...	bc	bc	47	65	-	-	9·2	0·9
	Lowestoft ...	bc	bc	46	64	Trace	-	6·9	0·3
	Skegness ...	mbc	bc	45	63	1	-	6·3	0·0
	Mablethorpe	bbcb	bbc	44	63	1	-	7·3	0·0
	Cleethorpes ...	crbs	bc	46	64	0·1	-	7·9	0·0
3	Leamington S.	bbc	bc	43	64	0·3	-	7·2	0·1
4	Cheltenham†	mc	cbcc	48	62	2	-	2·9	0·1
5	Bath	cbcb	bbcc	42	64	1	-	5·1	0·0
	Weymouth ...	bc	c	43	65	1	-	3·6	0·0
	Jersey ...	pbcc	c	52	67	0·1	-	2·5	4·3
	Torquay ...	dpwb	codp	44	61	Trace	Trace	4·1	0·0
	Penzance ...	bbc	error	48	61	Trace	6	3·0	0·1
	St. Ives ...	d	d	50	61	-	5	3·6	0·0
	Bude	bc	bcpc	49	63	-	1	4·2	0·0
	Ilfracombe ...	bbcc	co	51	63	-	-	3·5	0·0
6	Aberystwyth	cbc	bcc	52	63	-	-	6·7	0·0
7	Llandudno ...	bbcc	cbccb	53	62	-	-	5·0	3·9
	Colwyn Bay...	bcc	cbc	48	62	-	-	4·7	3·9
	Rhyl	bbc	cbc	49	63	-	-	4·2	3·9
8	Wallasey ...	bbc	bcbc	49	62	-	-	5·6	0·0
	Southport‖ ...	bbcc	cbcc	51	62	-	-	6·0	0·0
	Blackpool ...	b	bbc	54	61	-	-	6·5	0·0
	Morecambe ...	bbc	bcc	53	60	0·5	-	7·4	0·1
9	Ilkley... ...	b	b	49	63	1	-	6·2	0·0
10	Berwick-on-T.	bc	bc	50	59	-	-	9·4	1·4
11	Dunbar ...	bc	bc	51	61	-	-	8·2	3·6
12	Troon... ...	cbc	bcb	52	60	1	-	7·8	0·6
	Douglas ...	bq	bcbq	51	59	-	-	8·9	0·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate to fresh southerly wind, veering later; variable sky, probably a period of rain this evening or tonight, then mainly fair; warm and close today, cooler tomorrow.
4. W. Midlands 5. S.W. England ¥ 6. South Wales ¥ 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland ¥ B. N.W. Scotland ¥	Moderate or fresh southerly wind, strong locally, veering; cloudy, occasional rain or drizzle at first, bright intervals and showers later; mild, then cooler.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Fresh or strong southerly wind, veering later; dull, some rain, bright intervals and showers tomorrow; mild then cooler.
17. N.W. Ireland ¥	Wind southwest or west, moderate to fresh; bright intervals and showers; cooler.
18. N.E. Ireland ¥ 19. S.E. Ireland	Wind veering to southwest or west, moderate or fresh; rain at first, then bright intervals and showers; becoming cooler.
20. S.W. Ireland ¥	As 17.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 4/10 to 7/10 clouded. ◕ Sky 8/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog ≡ Mist T Thunder. ⅋ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large depression situated off West Scotland is tending to move northeast and a trough of low pressure is approaching West Ireland. Weather will be unsettled.

FURTHER OUTLOOK.

Unsettled in the west and North; probably mainly fair in the Southeast.

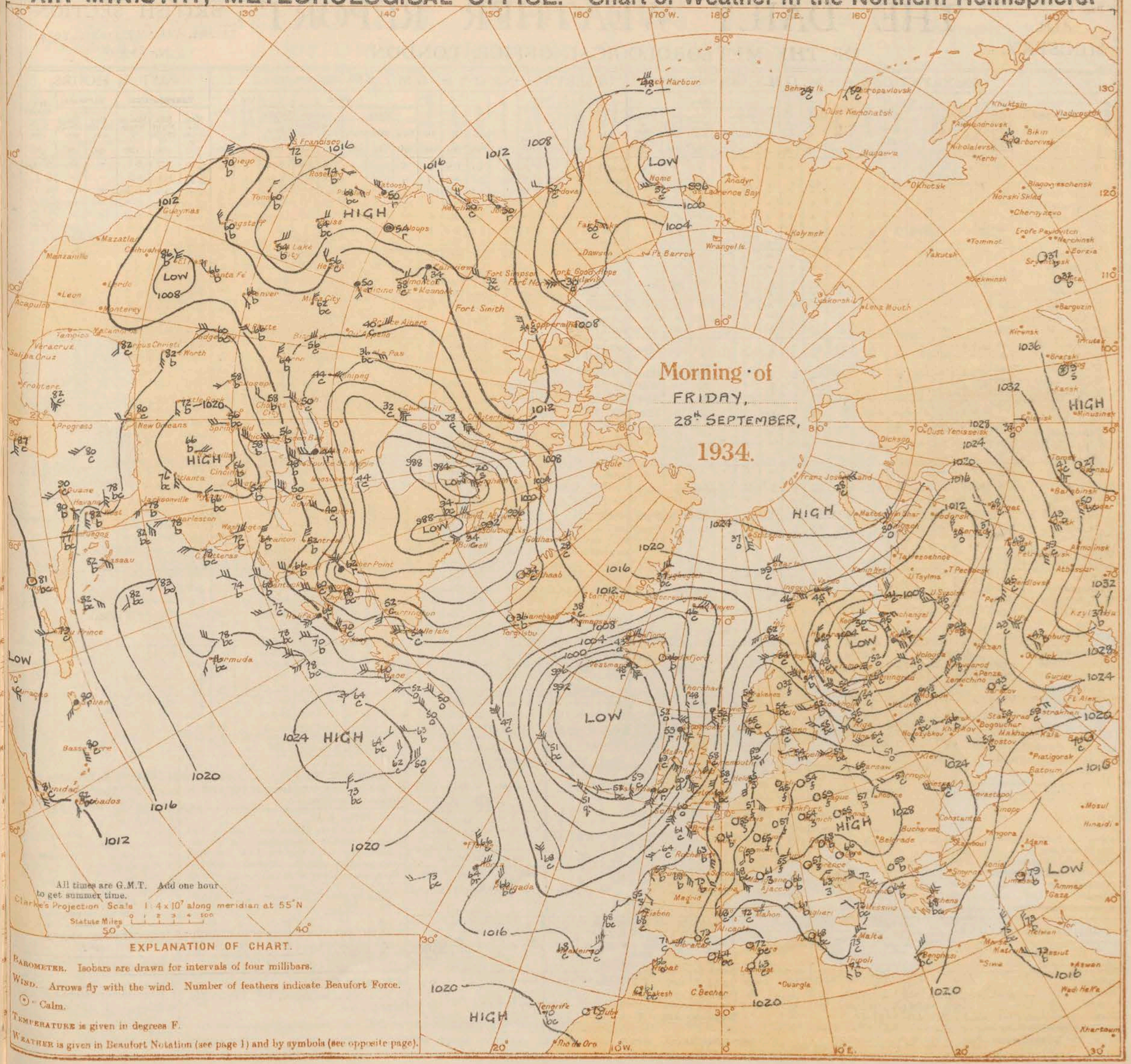
Time of Issue of Gale Warning.

¥ South Cone at 0250 on 28th in 5,6,13A,13B,17,18 and 20.

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

Friday, 28th September 1934.

No. 26,608

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

District	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)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1020·1	-18	S'E	4	c	59	85	7	5	3	-	2-3	3	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1022·1	-12	SSE	3	3o	61	95	6	-	3	-	0	9+	-
	Manston	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1022·1	-8	SE'S	5	c	59	95	7	5	-	-	9+	9+	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1017·9	-10	S	4	c	63	95	7	5	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1015·3	-4	SSE	5	c	59	95	8	8	7	-	7-8	10	2500
	Scilly (St. Mary's)	163	1012·1	-14	S	6	c	59	95	7	5	-	-	9+	9+	1500
	Guernsey	175	1013·0	-12	S	3	c	62	95	7	8	-	-	9	9	2500
6	Pembroke	142	1010·7	-12	S'W	4	cq	61	95	7	5	-	-	10	10	2500
7	Holyhead	26	1010·0	-20	S'E	6	id.	60	85	7	6	1	-	2-3	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1018·9	-6	SSW	5	ir.	56	95	7	5	2	-	4-6	10	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1015·0	-14	S	3	c	54	85	7	4	-	-	7-8	7-8	4000
11	Inchkeith	190	1013·1	-18	E	2	c	52	85	8	5	-	-	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1006·9	-20	SSE	4	c	54	75	7	8	2	-	4-6	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1011·8	-6	SSW	3	c	54	85	8	5	1	8	4-6	7-8	1500
16	Lerwick	156	1012·5	0	SSW	3	bc	52	95	7	5	2	-	2-3	4-6	1500
17	Blacksod Point	18	995·0	-56	SW	4	rr	55	95	7	6	-	-	10	10	450
18	Malin Head	52	999·6	-78	SE	4	rr	55	95	7	6	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obcy.†	30	998·0	-26	S	7	RR	61	95	6	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1018·2	0	S	2	c	61	95	6	5	-	-	7-8	7-8	1500	1	*
1018·4	-2	S'E	3	bc	61	95	7	5	-	-	4-6	4-6	800	1	*
1017·9	0	S	3	c	62	95	7	5	-	-	10	10	800	1	*
1016·6	+2	S	3	c	61	95	7	5	3	-	9	9	800	1	*
1018·2	+6	SE	3	c	63	85	8	8	-	-	7-8	7-8	1500	0	1
1020·1	-6	S	2	b	60	95	6	-	3	-	0	1	-	1	§2
1019·7	-6	SSE	2	b	61	95	7	-	-	1	0	1	-	0	*
1019·4	0	SE	1	bc	62	95	6	5	-	-	4-6	4-6	1500	0	*
1019·5	-8	S	3	3o	61	95	6	-	3	-	0	Tr	-	0	1
1019·5	-8	SSE	4	bc	61	95	6	5	-	-	4-6	4-6	2500	0	3
1016·2	-10	SE	4	3o	55	95	5	5	3	-	2-3	4-6	2500	1	*
1015·0	-6	S	4	bc	60	95	8	5	-	-	2-3	2-3	2500	1	*
1017·0	-2	S	2	3o	60	95	6	5	-	-	9+	9+	800	1	*
1015·1	0	S	3	bc	61	75	8	4	-	-	2-3	2-3	4000	1	*
1017·4	-2	SW	3	c	62	85	7	5	-	-	10	10	2500	1	3
1014·8	-2	SE'S	4	c	60	95	8	5	1	-	9+	10	1500	1	3
1013·5	0	S	5	o	58	95	6	5	-	-	10	10	1500	1	4
1010·5	0	S'W	6	c/pr	60	95	6	5	-	-	10	10	1500	1	4
1017·4	-6	S	3	c	61	95	6	8	-	-	7-8	7-8	800	1	2
1009·4	-4	S	6	ir.	60	95	6	5	-	-	10	10	1500	1	4
1008·7	+4	S'E	5	d.d.	60	95	6	5	2	-	9	10	450	1	4
1011·7	-2	SSE	4	c	63	85	8	5	7	-	1	7-8	4000	0	*
1011·7	0	SE'S	3	bc	62	85	7	5	4	-	2-3	4-6	2500	0	*
1013·0	-4	S	4	3o	62	85	6	5	3	-	2-3	4-6	800	1	*
1014·1	-6	SE	1	c§	56	95	2	5	-	-	9	9	K150	1	*
1016·4	-6	SSW	4	c	58	95	6	5	7	-	7-8	9+	1500	1	3
1013·6	-4	SE'S	1	o	55	95	6	5	-	-	10	10	800	0	*
1012·2	-12	S	3	c	58	85	6	6	-	-	9+	9+	1500	0	1
1007·4	-16	SSW	3	c	60	85	8	5	7	-	4-6	9+	1500	0	2
1007·4	-18	SSE	3	c	59	85	8	6	7	-	7-8	9+	1500	1	*
1005·4	-10	S	4	c	62	85	7	5	8	9	7-8	9+	1500	1	*
1008·7	-10	S	4	rr	56	95	5	6	2	-	9+	10	220	1	*
998·5	+8	SSE	6	c	59	95	7	6	2	-	4-6	9+	1500	1	5
998·4	-28	SE	5	rr	53	95	5	5	-	-	10	10	800	1	2
1005·6	-2	S	6	ir	52	85	7	9	2	-	7-8	10	800	1	*
1008·0	-24	SSE	5	3o	53	95	6	6	2	-	7-8	10	1500	1	3
1003·7	-38	SE	6	rr	54	95	7	8	1	-	7-8	10	1500	1	4
1010·1	-12	S	4	rr	52	95	7	6	-	-	10	10	1500	1	*
995·1	+10	S	6	iR	59	95	7	6	-	-	10	10	450	1	5
997·6	+20	S'E	4	c	63	95	7	6	-	-	9+	9+	800	1	1
1002·4	+2	SSE	5	ir.	61	95	7	5	-	-	10	10	800	1	*
1004·3	-2	S	5	c	60	95	7	5	-	-	9+	9+	800	1	3
1001·6	+4	S	3	o/r.	63	95	7	6	-	-	10	10	1500	1	*
998·3	-8	S	6	RR	60	95	6	6	-	-	10	10	800	1	5
1003·4	-6	SW	5	id.	60	95	6	5	-	-	10	10	1500	1	6

PAST 24 HOURS.

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 27th Hrs. (36)
64	57	51	-	Tr	9.0
65	57	55	-	-	8.7
67	56	53	-	-	8.1
63	55	53	-	Tr	7.0
64	60	59	-	-	7.8
64	56	51	-	Tr	8.9
66	56	53	-	Tr	8.6
67	56	49	-	-	9.5
64	58	55	-	-	9.3
63	55	54	-	-	7.9
63	49	43	-	Tr	5.6
61	53	50	-	0.2	6.5
63	55	53	-	Tr	*
64	53	51	-	0.3	4.6
62	58	*	-	-	*
60	57	57	0.2	0.6	4.4
59	57	*	4	0.1	*
60	59	*	2	0.4	2.9
63	60	54	-	-	0.3
60	54	*	Tr	2	3.9
61	56	52	Tr	1	6.7
64	54	46	Tr	-	3.8
60	54	51	-	-	5.4
62	54	52	-	Tr	5.2
61	52	48	-	0.1	6.1
64	55	*	-	0.3	7.8
61	50	42	Tr	Tr	5.8
62	53	47	-	-	*
58	51	46	-	1	8.7
60	46	38	-	2	8.7
58	55	42	Tr	5	8.7
56	46	42	Tr	8	5.1
57	52	51	2	1145	2.6
57	51	*	0.4	8	2.9
52	46	41	2	4	2.6
61	51	47	-	4	5.7
58	53	*	-	4	*
55	50	*	0.2	0.6	7.3
59	53	*	-	19	*
59	52	*	-	4	4.7
60	53	49	-	1	7.2
61	54	*	-	5	*
61	55	52	-	1	6.4
60	56	55	Tr	17	3.7
59	56	*	Tr	4	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather 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	bcc	cyc	cbccm,w	64	57	51	-	Tr	9.0	*	*	7
Croydon	217	bcm,bcy	bcyc	cbcm,c	65	57	55	-	-	8.7	*	*	7
Greenwich (Royal Observatory)	149	bcy.	bccy	cw	68	56	51	-	Tr	9.1	49	83	6
City (Bunhill Row)	—				*	*	*	*	*	7.5	*	*	*
Westminster (St. James' Park)	27	*	*	*	64	58	53	-		8.9	76	87	*
Regents Pk. (Botanic Gardens)	163	*	*	*	66	56	49	-	-	7.9	59	94	*
Camden Square	110	bc	bc	*	68	58	49	-	-	*	*	87	*
Kensington	80	bc	bc	*	66	58	51	-	-	9.0	At 18h. 66	89	*
Hampstead Observatory	450	bc	bc	bco	64	55	48	-	-	8.2	*	95	*

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.
Paris	1023·9	S	1	c	66	1022·2	-	0	3o	55
Brussels	1024·8	-	0	c	59	1022·3	SSE	4	bc	63
Berlin	1024·3	WNW	1	c	66	1028·3	-	0	F	54
Zürich	1026·0	NW	1	bc	64	1027·2	NNE	1	F	54
Rome						1025·4	NE	2	3o	63

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 28th

South Kensington. Max.	Time.	Min.	Time.
<0·3	Whole period		

Kew Observatory. Max.	Time.	Min.	Time.
0·2	8h 27th	<0·1	16h 27th

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
70	52	-	-
68	55	-	-
72	50	-	-
79	54	-	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.

† Obs. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th September 1934.

No. 26.609

OBSERVATIONS at 13h. G.M.T. 28th September

District	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)	°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)
1	London (Kew)	1016·6	-1	SSE	3	b	76	55	9	-	-	-	0	0	-
	Croydon	1016·9	-1	S'E	4	b	75	65	9	-	1	-	0	0	-
	S. Farnborough	1016·2	-1	S'E	4	b	73	75	7	-	-	-	Tr	Tr	2500
	Boscombe Down	1014·7	-1	SE'S	4	b	72	75	7	-	-	-	1	1	2500
	Calshot, S'thmtn	1016·8	-1	E	4	b	65	85	8	-	-	-	0	0	-
	Lympne	1019·4	-2	SSE	3	b	71	75	8	-	-	-	0	0	-
	Manston	1019·5	-2	SSE	4	b	76	65	7	-	-	-	0	0	-
2	Shoeburyness	1018·1	-1	E'S	1	b	74	85	7	-	-	-	0	0	-
	Felixstowe	1018·6	-2	SSE	3	b	67	85	8	-	-	-	0	0	-
	Gorleston	1018·1	-1	SE'S	5	bc	68	75	6	5	-	-	4-6	4-6	2500
	Cranwell	1015·0	-1	SE'S	4	b	74	65	7	-	-	-	0	0	-
3	Birmingham	1014·2	-1	SSE	3	b	72	45	8	-	-	-	0	0	-
	Upper Heyford	1015·9	-6	S	4	b	75	55	8	-	-	-	0	0	-
4	Ross-on-Wye	1013·2	-1	S	4	b	73	55	8	-	-	-	0	0	-
5	Portland Bill	1014·6	-1	ESE	3	b	64	95	7	-	-	-	0	0	-
	Plymouth	1013·9	-1	S'W	3	c	62	95	7	5	-	-	7-8	7-8	1500
	The Lizard	1012·5	-1	S'E	5	c	59	95	8	5	2	-	7-8	10	2500
	Scilly (St. Mary's)	1010·1	-1	S	5	c	61	95	8	5	-	-	9	9	2500
	Guernsey	1015·6	-1	S	4	b	71	75	7	-	-	-	0	0	-
6	Pembroke	1009·7	-4	S	5	c	60	95	6	5	-	-	10	10	2500
7	Holyhead	1009·5	-2	S	5	c	62	85	7	5	7	-	4-6	10	1500
	Chester (Sealand)	1011·5	-1	SE'S	5	b	74	65	8	-	4	-	Tr	1	4000
8	L'pool (Bidston)	1010·7	-2	SSE	5	b	70	65	8	-	•	-	0	0	-
	Manchester (1011·3)	1012·2	-1	S'W	5	b	73	55	8	-	4	-	Tr	1	2500
9	Harrogate	1012·5	-6	S'E	3	b	73	65	6	-	-	8	0	Tr	-
10	Spurn Head	1015·4	-4	SW	4	bc	66	85	6	-	1	-	0	2-3	-
	Catterick	1011·9	-1	SSE	4	bc	71	65	6	5	-	-	4-6	4-6	2500
	Tynemouth	1012·9	+4	S	3	bc	70	75	6	2	-	-	4-6	4-6	2500
11	Inchkeith	1008·7	0	SSW	4	c	65	85	8	8	3	-	7-8	9	2500
	Loughars	1009·0	+2	SSW	2	c	65	85	8	8	5	4	-	7-8	9	2500
12	Renfrew (Abbotsl.)	1006·6	-2	S	3	c	67	85	8	6	7	-	-	10	10	1500
	Eskdalemuir	1009·3	-2	SSW	5	cd	62	95	7	5	2	-	-	9+	10	800
13A	Tiree	1000·3	+2	SSE	6	cR	60	95	6	6	2	-	7-8	10	1500
13B	Stornoway	999·7	+1·4	S	7	pr	60	95	7	6	2	-	4-6	10	1500
15	Dalwhinnie	1005·5	+1·0	S	7	cr	60	95	6	4	2	-	7-8	10	800
	Aberdeen	1008·9	+6	S'E	4	3o	58	85	5	6	7	-	4-6	9+	800
	Wick	1005·4	+4	S	4	c	58	95	5	5	2	8	4-6	9+	1500
16	Lerwick	1007·0	-6	S	6	c	54	95	7	6	2	-	9	10	800
17	Blacksod Point	997·9	+1·2	S	5	q	58	95	8	8	-	-	10	10	1500
18	Malin Head	999·9	0	S'E	4	pr	66	85	7	8	-	-	9+	9+	1500
	Aldergrove	1003·5	-2	SSE	6	c	64	85	7	8	3	-	9	9+	800
	Donaghadee	1006·4	+2	S	4	cd	61	95	7	9	-	-	9	9	1500
19	Birr Castle	1002·2	+4	S	2	o/c	64	95	7	6	-	-	10	10	2500
20	Valentia Obsy.	1002·2	+2·0	S	5	r r	55	95	6	6	2	-	7-8	10	800
	Roches Point	1003·2	0	SW	5	rr	60	95	6	6	-	-	10	10	800

OBSERVATIONS at 18h. G.M.T. 28th September

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0–12 (18)	Weather. (19)	°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)
1	London (Kew)	1015·2	-6	SSE	2	b	72	65	7	-	-	-	0	0	-	0	•
	Croydon	1015·9	-2	SE'S	3	b	72	75	8	-	-	-	0	0	-	0	•
	S. Farnborough	1014·8	-4	SSE	2	b	71	75	7	-	-	-	0	0	-	0	•
	Boscombe Down	1013·7	-6	SE	3	b	65	85	6	-	-	-	0	0	-	0	•
	Calshot, S'thmtn	1014·8	-1·4	E'N	3	3o	66	85	6	-	-	-	0	0	-	0	2
	Lympne	1017·4	-2	SSE	4	b	70	65	8	-	-	-	0	0	-	0	§2
	Manston	1017·3	-4	ESE	3	3o	70	75	6	-	-	-	0	0	-	0	*
2	Shoeburyness	1016·7	-2	S	2	b	67	95	8	-	-	-	0	0	-	0	•
	Felixstowe	1017·1	-2	SSE	2	b	64	95	8	-	-	-	0	0	-	0	1
	Gorleston	1017·4	0	SSE	3	b	64	95	7	-	-	-	0	0	-	0	3
	Cranwell	1013·8	-2	SE'S	4	b	71	75	7	-	-	-	0	0	-	0	•
3	Birmingham	1013·0	-2	SSE	3	bc	70	75	8	5	-	-	2-3	2-3	1500	1	•
	Upper Heyford	1014·1	0	S	1	b	70	75	8	-	-	-	0	0	-	1	•
4	Ross-on-Wye	1012·7	-6	SSW	2	bc	67	85	7	5	-	-	2-3	2-3	2500	1	•
5	Portland Bill	1012·9	-2	ESE	3	b	64	85	7	-	-	-	0	0	-	1	3
	Plymouth	1012·0	-6	SSE	3	of	63	95	3	5	-	-	10	10	150	1	2
	The Lizard	1011·0	-4	SSE	5	bc	58	95	8	5	4	-	2-3	4-6	2500	1	3
	Scilly (St. Mary's)	1008·5	-1·0	S	5	c	59	95	6	5	-	-	9+	9+	1500	1	4
	Guernsey	1013·7	-6	S	3	b	68	75	7	-	-	-	0	0	-	1	3
6	Pembroke	1008·1	-2	S	4	c	60	95	6	5	-	-	10	10	2500	1	3
7	Holyhead	1008·0	0	S'E	4	pc	64	75	8	8	-	-	9	9	1500	1	2
	Chester (Sealand)	1010·6	-4	SSE	3	pc	69	65	8	-	-	-	0	Tr	-	0	•
8	L'pool (Bidston)	1010·3	-4	SE	4	b	69	65	7	-	-	-	0	0	-	0	•
	Manchester	1011·3	-4	S'W	4	b	70	55	5	-	-	-	0	0	-	1	•
9	Harrogate	1012·4	0	-	0	b	67	65	5	-	-	-	0	0	-	1	•
10	Spurn Head	1014·1	-2	S	4	bc	61	95	7	-	-	-	0	2-3	-	0	3
	Catterick	1011·5	+2	S'E	2	b	67	65	7	-	-	5	0	Tr	-	0	•
	Tynemouth	1010·5	0	SSE	3	bc	60	95	6	5	-	-	2-3	2-3	1500	0	2
11	Inchkeith	1008·7	-2	ESE	2	bc	66	85	7	5	-	-	4-6	4-6	2500	0	1
	Loughars	1008·9	-2	SSE	1	bc	66	85	7	7	-	-	2-3	2-3	4000	0	•
12	Renfrew (Abbotsl.)	1007·1	+2	S'E	2	c	64	85	7	8	-	-	7-8	7-8	1500	1	•
	Eskdalemuir	1009·0	-6	S	3	b	62	85	7	5	-	-	1	1	1500	1	•
13A	Tiree	1001·9	+1·4	SSW	4	c/r	58	95	7	6	2	-	4-6	10	1500	1	4
13B	Stornoway	1001·1	+8	S	4	pr	59	95	6	5	2	-	4-6	10	800	1	2
15	Dalwhinnie	1005·3	0	S	6	cr	61	85	5	3	2	-	4-6	10	800	1	
	Aberdeen	1009·4	-2	S	4	3o	57	95	5	5	-	-	2-3	2-3	450	1	3
	Wick	1005·4	+6	S	5	c	58	95	6	5	7	8	7-8	10	1500	1	4
16	Lerwick	1007·6	+6	S	4	c	54	95	6	5	1	-	4-6	7-8	800	1	
17	Blacksod Point	1001·3	+1·6	S	4	q	55	95	8	8	-	-	10	10	2500	1	4
18	Malin Head	1002·0	+2·8	S	3	pr	56	95	7	8	7	-	7-8	10	1500	1	1
	Aldergrove	1004·0	+4	SSE	6	c	60	85	7	5	-	-	9+	9+	800	1	
	Donaghadee	1005·6	-2	SSW	5	cr	59	95	7	6	-	-	9+	9+	800	1	3
19	Birr Castle	1005·0	+2·0	S	2	cr	55	95	7	6	-	-	10	10	2500	1	•
20	Valentia Obsy.	1004·5	+6	S	4	c/r	52	85	8	6	2	-	7-8	9+	1500	1	3
	Roches Point	1006·3	+8	SW	4	rr	54	95	6	6	-	-	10	10	1500	1	5

PAST 24 HOURS. WEATHER.

7h.–13h. 28th (37)	13h.–18h. 28th (38)	18h. 28th to 1h. 29th (39)	1h.–7h. 29th (40)
cby	b	b	bc
bccb	byb	b	bbc
cbcb3o	b	bbc	bccbcm
bcb	bm	bm	cm
bcb	bm	bm bw	bwcbcm
cb	b	b	bm bc
b	b3o	b3o bm	bm
b	b	b	b
bm b	b	b	bwb
bcq bcc b	bcb3o b	bjo	b
bcb	bc	bc	bcpr
cby	b	bw	bwc
b	bye	bw	bccor
cbc	b	b	bbcpr
cbcc	cafefe	ofefec	orcR
oc	cfff bc	bccpr	cpr
odc c	cbcc	cir	ifc
ofbcb	b	bbcw	bcc
cq prm c	cq	cqirc	cpqc
d drc	cb	prbc	crifc
bcv	by	bw	bwbccrc
bcb	b	bbc	bccir
bqm b	by3o	bm	bccprc
cb	b	b	bccm
bc	bc	bcb	bc
cm bcm	bc3o	b3o	bbcprm
cbc	bc	bc	bc
c	cbc	bcb	c
c	c	bbcw	bccwm
cm	cm PR	c	cmrrcr
DDid	ddcbc	b	bcrr
cir	or R	orc	orr
cprq	rprq	crc	crro
cir	cir	irc	
cm c3o	oc3o	bbcb	bbccwm
crrc	cm	bcm	bcm
crrirc	cbcrcm	cbcmtfe	ffe
cRcq	cRqq	prc	bcq
cpr	cir	crr	cir
crcrbc	cqcrrc	crrrc	ocrdd
cqcd	c cc	circ	c
oir	oir	oir	oirbc
RRcrc	crcrc	PRpr	cbc
od rr	orr	orr	orc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fz, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

§a disturbance reported from Dungeness

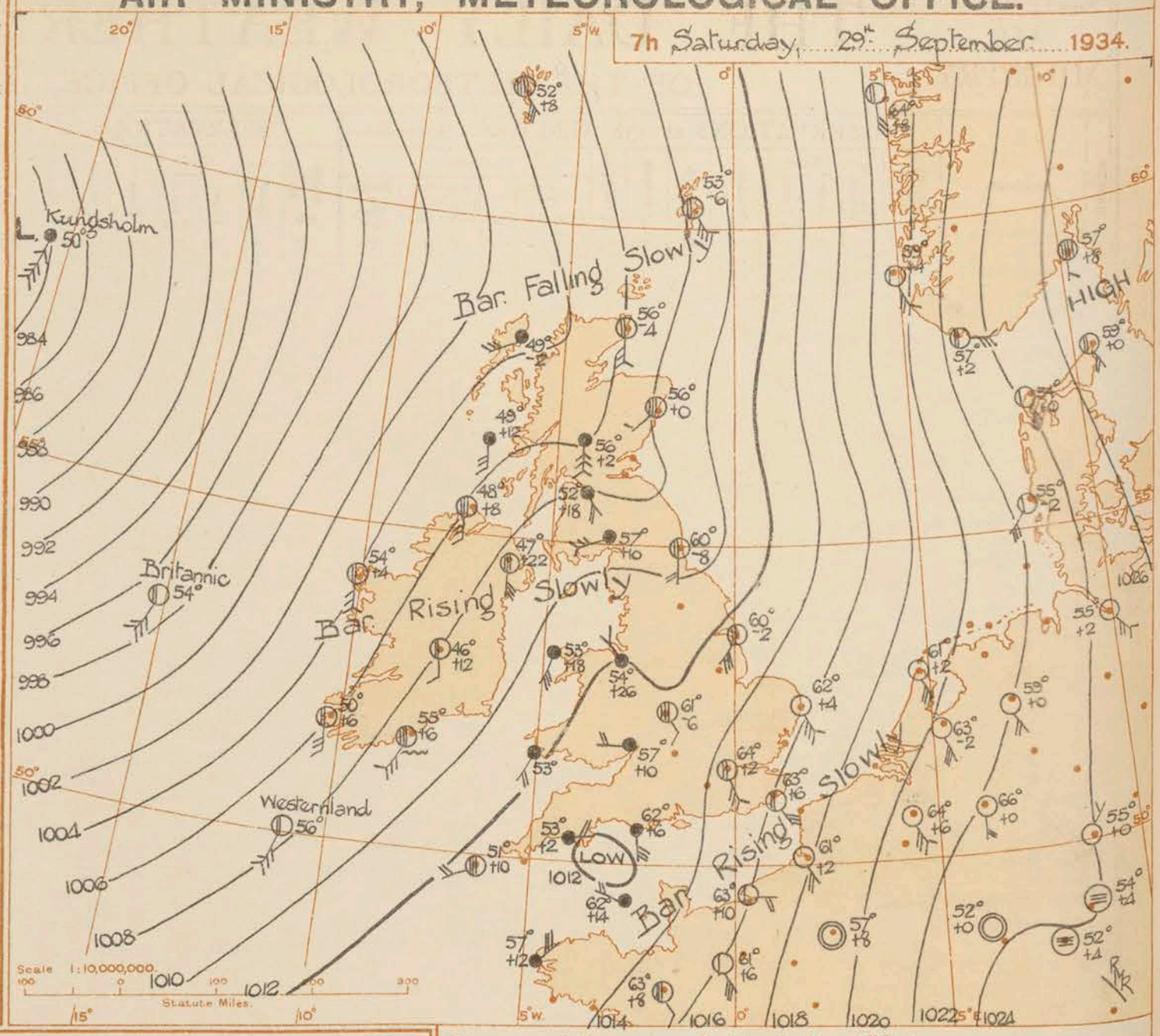
REPORTS from HEALTH RESORTS for 28th September 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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
1	Tunbridge W.	bbc	b	52	78	Trace	-	9·7	8·8
	Bournemouth	coc	b	53	70	-	-	5·2	7·0
	Ventnor ...	pbcb	b	59	72	Trace	-	6·7	7·2
	Southsea ...	bcb	b	58	71	-	-	7·0	7·8
	Bognor Regis	bccbc	b	56	68	-	-	7·4	7·5
	Littlehampton	cbcb	b	58	72	-	-	7·5	7·9
	Worthing ...	cb	b	57	69	Trace	-	7·0	8·1
	Brighton ...	cb	b	56	74	-	-	7·5	7·8
	Eastbourne†	b	b	62	72	-	-	8·7	7·1
	Hastings† ...	b	b	59	72	Trace	-	9·3	7·5
	Folkestone ...	b	b	57	76	-	-	9·6	8·2
	Dover... ...	b	b	58	78	-	-	10·2	8·7
	Deal	b	b	58	79	-	-	10·2	9·2
	Ramsgate ...	b	b	59	73	-	-	10·0	8·7
	Margate ...	b	b	56	79	-	-	10·3	9·3
2	Southend ...	b	b	57	78	Trace	-	9·9	8·9
	Maldon ...	cb	b	56	79	-	-	8·6	8·0
	Clacton-on-Sea	bm	b	54	69	-	-	8·7	8·5
	Dovercourt ...	bmb	b3	57	69	-	-	9·9	9·2
	Lowestoft ...	b	b	54	68	-	-	10·7	6·9
	Skegness ...	babc	bcb	52	73	-	-	7·4	6·3
	Mablethorpe	bccam	bc	52	73	-	-	7·3	7·8
	Cleethorpes ...	crom	b	49	75	0·3	-	7·4	7·8
3	Leamington S.	b	b	56	78	-	-	8·7	7·2
4	Cheltenham†	b	bbc	55	72	Trace	-	9·3	2·9
5	Bath	b	b	57	74	-	-	9·0	5·1
	Weymouth ...	bcc	b	59	66	-	-	5·6	3·6
	Jersey ...	fb	b	60	74	-	-	8·4	2·5
	Torquay ...	apcbc	com	56	64	1	-	1·8	4·1
	Penzance ...	o	obo	55	61	2	-	0·1	3·0
	St. Ives ...	pbc	obc	54	61	0·5	Trace	0·0	3·6
	Bude			55	65	-	-	8·0	4·2
	Ilfracombe ...	b	b	55	71	1	-	10·1	(3·5)
6	Aberystwyth	pcbc	bc	55	73	0·3	-	7·1	6·7
7	Llandudno ...	cbcb	b	55	72	0·1	-	9·1	5·4
	Colwyn Bay...	bcpbc	cbcb	54	76	0·3	0·3	5·8	4·8
	Rhyl	cbc	bcb	55	76	-	-	8·2	4·2
8	Wallasey ...	bcb	b	55	76	-	-	7·8	5·6
	Southport‖ ...	cbcb	b	54	75	1	-	6·8	6·0
	Blackpool ...	cp	bcb	54	74	0·5	Trace	7·5	6·5
	Morecambe ...	bcc	b	54	74	0·3	-	7·8	7·4
9	Ilkley... ...	b	b	50	77	0·4	-	9·2	6·2
10	Berwick-on-T.	oc	bc	49	71	Trace	-	3·8	9·5
11	Dunbar ...	bc	bc	48	71	-	-	2·1	8·4
12	Troon... ...	coc	cocrc	53	63	-	0·3	0·6	8·2
	Douglas ...	cq	cdcbq	54	64	5	Trace	0·2	9·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 29th September 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate south to southwest or variable wind; cloudy to variable sky, local thundery rain or showers; warm and close becoming cooler.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate south to southwest wind; bright intervals and showers; average temperature.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light or moderate south to southwest wind; variable sky, occasional rain or showers; becoming cooler.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland	Moderate south to southwest wind; occasional rain or showers but bright intervals; average temperature.
15. N.E. Scotland 16. Orkneys and Shetlands	Moderate south to southwest wind; occasional rain or showers, bright intervals; becoming cooler.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate south to southwest wind; bright intervals and showers; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 1/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⧖ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ⌒ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low southwest of Iceland and a trough of low pressure is crossing Great Britain. In East and Southeast England there will be local thundery rain or showers. In the West and Northwest weather will be unsettled but bright intervals are probable.

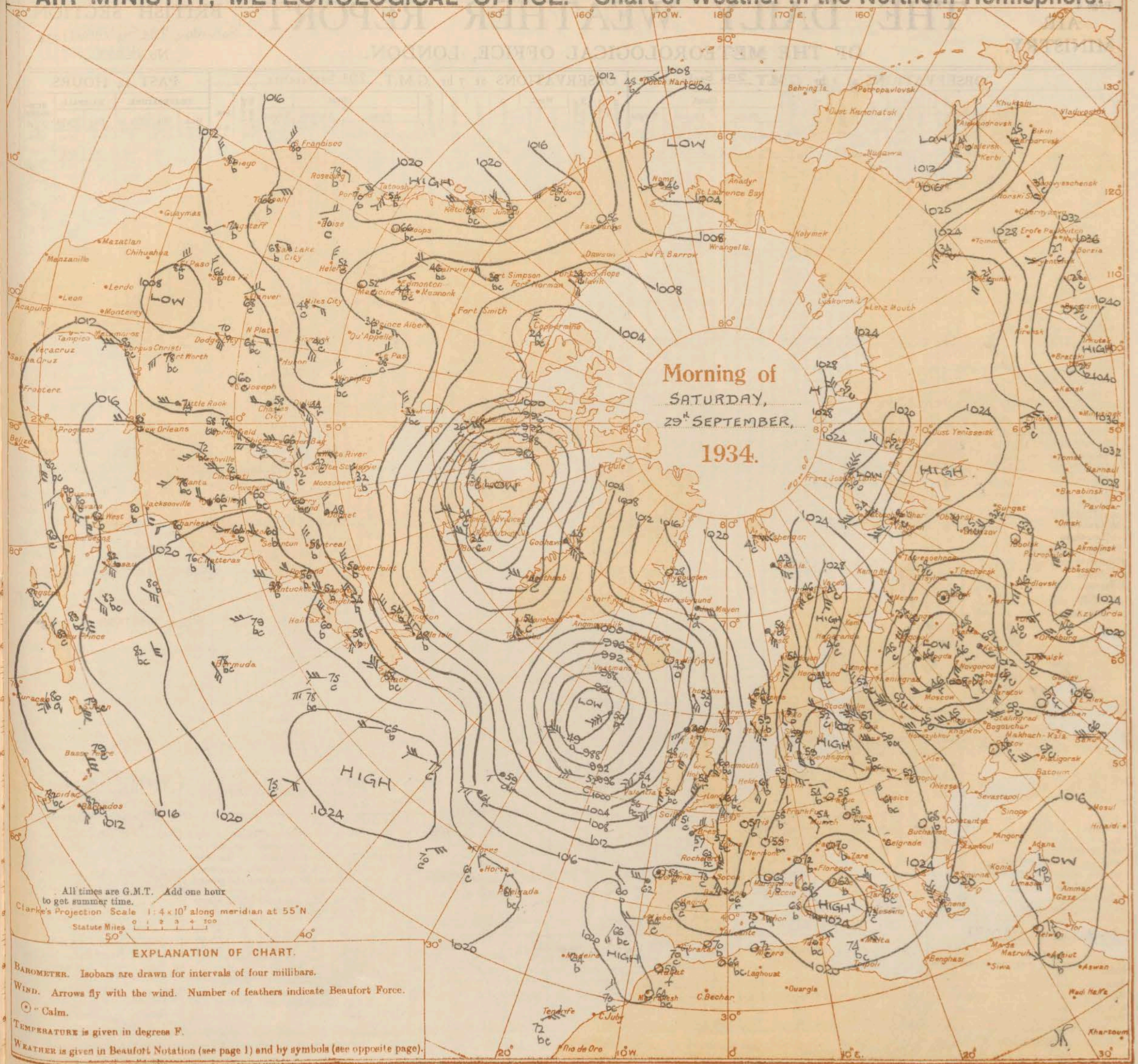
FURTHER OUTLOOK.

Unsettled especially in the West and North.

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.


Morning of
SATURDAY,
29th SEPTEMBER,
1934.
LOW
HIGH
1004
1008
1012
1016
1020
1024
1028
1032
1036
1040
Behring Is.
Petropavlovsk
Dutch Harbour
Nome
Anadyr
St. Lawrence Bay
Wrangel Is.
Kolymsk
Pt. Barrow
Dawson
Fairbanks
Fort Simpson
Fort Norman
Fort Smith
Coppermine
Edmonton
Prince Albert
Winnipeg
Churchill
Resolute
Godhavn
Angmagssalik
Jan Mayen
Reykjavik
Stornoway
Valentia
Scilly
Bermuda
Nassau
Hatteras
Halifax
Sydney
Belle Isle
Cape Race
Azores
Madeira
Gibraltar
Malta
Tripoli
Benghasi
Laghouat
Ouargla
C. Bechar
Tenerife
C. Juby
Rio de Oro
Khabarovsk
Vladivostok
Nikolaevsk
Kerbi
Nagaeva
Verkhoyansk
Yakutsk
Kolyma
Lena Mouth
Tiksi
Dikson
Yenisseisk
Franz Josef Land
Spitsbergen
Bear Is.
Moscow
Leningrad
Archangel
Stockholm
Copenhagen
Helder
Berlin
Paris
London
Brest
Clermont
Rochefort
Frankfurt
Prague
Vienna
Munich
Zurich
Florence
Ajaccio
Marseilles
Algiers
Belgrade
Sofia
Bucharest
Constanta
Odessa
Sevastopol
Sinope
Angora
Smyrna
Konia
Adana
Mosul
Hilvadi
Ammap
Gaza
Cairo
Aswan
Wadi Halfa
Khartoum
Siwa
Matruh
Alexandria
Salonika
Athens
Corfu
Batoum
Baku
Krasnovodsk
Astrakhan
Stalingrad
Saratov
Kazan
Perm
Sverdlovsk
Petropavlovsk
Omsk
Barabinsk
Tobolsk
Surgut
Obdorsk
Berezov
Archangel
Pechora
Kem
Vardo
Hammerfest
Tromso
Bodo
Trondheim
Stavanger
Bergen
Skagen
Aalborg
Kristiansand
Oslo
Gothenburg
Malmo
Visby
Helsingfors
Reval
Riga
Libau
Memel
Danzig
Kiel
Hamburg
Cuxhaven
Ostend
Le Havre
Cherbourg
Brest
Lisbon
Oporto
Vigo
Coruna
Gijon
Santander
Biarritz
Perpignan
Toulon
Nice
Genoa
Spezia
Rome
Naples
Messina
Palermo
Cagliari
Bizerta
Tunis
Sfax
Gabes
Tripoli
Benghasi
Malta
Corfu
Salonika
Athens
Smyrna
Constantinople
Belgrade
Budapest
Vienna
Prague
Munich
Zurich
Geneva
Lyons
Marseilles
Nice
Toulon
Perpignan
Barcelona
Valencia
Alicante
Malaga
Gibraltar
Tangier
Casablanca
Agadir
Mogador
Laghouat
Ouargla
C. Bechar
Colomb Bechar
Timbuctoo
Kano
Lagos
Accra
Bathurst
Freetown
Monrovia
Grand Bassam
Abidjan
Dakar
Port Etienne
Villa Cisneros
Las Palmas
Funchal
Porto Santo
Madeira
Azores
Bermuda
Nassau
Havana
Kingston
Jamaica
Curacao
Barbados
Trinidad
Port of Spain
Caracas
Maracaibo
Puerto Cabello
La Guaira
Cumana
Barbados
Martinique
Guadeloupe
Antigua

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 29th September 1934.

No. 26609

OBSERVATIONS at 1 hr. G.M.T. 29th September

District	Stations	Height above M.S.L. in feet. (1)	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)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014.9	-10	S'E	3	b	65	85	7	—	—	—	0	0	—
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1016.6	-6	SSE	4	b	65	75	7	—	—	—	0	0	—
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016.6	-6	S'E	3	b	63	95	6	—	—	—	0	0	—
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1011.9	-6	S	3	b	63	95	7	—	—	—	0	0	—
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1010.7	+12	WNW	4	c	54	95	8	5	—	—	9+	9+	2500
	Scilly (St. Mary's)	163	1011.1	+28	N'E	2	ir$_o$	51	95	7	6	—	—	10	10	2500
	Guernsey ...	175	1013.2	-6	S'W	2	bc	63	95	7	8	—	—	2-3	2-3	2500
6	Pembroke ...	142	1008.3	-4	WSW	4	ir$_o$	54	95	7	5	—	—	10	10	1500
7	Holyhead ...	26	1006.3	-18	SSE	5	bc	62	85	7	5	3	—	2-3	4-6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1013.1	-4	S	4	b	60	95	7	—	—	—	0	0	—
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1011.0	-6	SW	2	bc	59	95	6	5	—	—	4-6	4-6	1500
11	Inchkeith ...	190	1009.0	+4	SE	2	bc	63	85	7	4	4	—	1	2-3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1004.5	+16	SW	3	r$_{bc}$	53	95	6	5	2	—	9	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1006.9	+8	SSW	5	bc	58	95	6	5	—	—	4-6	4-6	1500
16	Lerwick ...	156	1010.1	+10	S	4	⸗	54	95	2	5	—	—	10	10	<150
17	Blacksod Point	18	1002.9	+2	S	2	c	52	85	8	8	—	—	7-8	7-8	1500
18	Malin Head ...	52	1004.2	0	SW	2	rr	50	95	6	6	—	—	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005.1	+6	S	3	c	51	75	8	8	—	—	7-8	7-8	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th September

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)
1013.9	+6	S'E	3	c	65	85	7	5	3	1	4.6	7.8	2500	0	*
1014.5	+2	SSE	4	bc	64	85	8	5	-	5	2.3	4.6	1500	0	*
1013.3	+2	SE	3	c	63	95	6	5	3	2	4.6	7.8	1500	0	*
1012.9	+6	SE	2	3$_o$	58	95	5	5	3	6	4.6	7.8	4000	0	*
1013.4	+4	SE'S	2	c	63	95	6	5	4	5	1	7.8	2500	0	1
1016.5	+6	SE'S	3	bc	63	85	7	-	3	-	0	4.6	-	0	§ 3
1015.9	+6	SSE	3	b	63	85	6	1	3	-	Tr	1	4000	0	*
1015.1	0	S'W	3	bc	65	85	7	7	-	-	2.3	2.3	2500	0	*
1015.4	+8	SSE	3	b	63	95	7	8	-	-	1	1	4000	0	1
1015.3	+4	SSE	4	b	62	95	6	-	-	-	0	0	4000	0	2
1013.4	+6	SSE	2	3$_o$	57	95	6	5	-	5	1	2.3	800	0	*
1012.4	+6	SSE	1	c	61	95	6	-	8	6	0	7.8	-	1	*
1013.1	+6	SE	2	3$_o$	61	95	6	-	8	6	0	7.8	-	1	*
1012.4	+10	W	2	rr	57	85	7	6	-	-	10	10	1500	1	*
1012.4	+6	S	3	pr	62	95	7	5	-	-	10	10	1500	1	3
1012.4	+2	E	2	ir$_o$	53	95	8	5	2	-	7.8	10	4000	1	2
1012.8	+12	SW'S	3	pr	53	95	7	8	-	-	10	10	2500	1	3
1012.2	+10	SW'W	2	c	51	95	8	2	7	-	2.3	7.8	2500	1	2
1013.4	+14	W'N	2	pr	62	95	7	6	1	-	7.8	10	1500	1	2
1010.4	+8	SW	2	pr	53	95	7	8	6	-	4.6	10	2500	1	2
1010.8	+18	SSW	3	ir	53	85	8	6	2	-	2.3	10	1500	1	2
1011.9	+26	NW	1	r$_{bc}$	54	85	6	6	2	-	7.8	10	1500	1	*
1011.9	+14	SSW	1	rr	53	95	7	6	2	-	7.8	10	1500	1	*
1012.1	+18	NW'N	3	pr	55	95	6	9	-	-	9+	9+	1500	1	*
1011.4	+6	S'E	2	m	59	95	4	5	8	7	1	7.8	4150	1	*
1012.6	-2	SW	3	bc	60	95	6	1	7	-	4.6	4.6	4000	0	2
1010.8	+10	SE'S	3	bc	59	95	6	-	-	6	0	2.3	-	0	*
1009.5	-8	S	2	bc	60	85	6	4	-	-	4.6	4.6	4000	0	1
1007.6	+2	E	1	c	59	95	7	5	-	-	9+	9+	2500	0	1
1007.4	-6	E	2	c	57	95	5	5	8	-	9	9+	4000	1	*
1008.1	+18	WSW	2	r$_{bc}$	52	95	7	5	-	-	10	10	800	1	*
1008.5	+10	SW'W	4	rr	57	95	6	6	2	-	9+	10	450	1	*
1005.4	+12	S	3	ir	49	95	6	6	2	-	7.8	10	1500	1	3
1003.8	-2	WSW	3	rr	49	95	6	5	-	-	10	10	800	1	1
1005.6	+2	S	6	ir$_o$	56	95	7	8	2	-	4.6	7.8	800	1	*
1008.2	0	SW	1	3$_o$	56	95	6	5	1	-	7.8	10	800	1	2
1006.5	-4	S	4	3$_o$	56	95	6	5	7	-	4.6	4.6	1500	1	3
1008.8	-6	SSE	4	bc	55	95	6	5	8	-	2.3	4.6	450	1	*
1003.9	+4	S	4	q	54	85	8	4	-	-	4.6	4.6	2500	0	3
1005.9	+8	S	3	c	48	95	8	9	8	4	4.6	7.8	1500	1	1
1009.0	+22	S	3	c/d$_o$	47	95	8	5	3	3	7.8	9+	1500	1	*
1009.3	+20	SSW	1	c	49	95	8	5	-	-	9	9	800	1	1
1007.9	+12	S	1	bc	46	95	8	5	-	-	4.6	4.6	4000	1	*
1006.3	+6	S	3	bc	50	85	8	3	-	-	2.3	2.3	2500	1	2
1009.2	+6	SW	4	c	55	85	8	3	-	4	4.6	7.8	1500	1	5

PAST 24 HOURS.

District	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 29th Hrs. (36)
1	London (Kew)...	77	64	54	-	-	8.2
	Croydon ...	78	63	60	-	-	8.4
	S. Farnborough	76	61	53	-	-	9.2
	Boscombe Down	72	57	54	-	-	8.6
	Calshot, (S'thmtn)	68	62	57	-	-	8.5
	Lympne ...	75	61	58	-	-	8.1
	Manston ...	80	60	56	-	-	10.3
2	Shoeburyness	77	57	48	-	-	9.9
	Felixstowe ...	68	60	56	-	-	10.0
	Gorleston ...	70	61	58	-	-	9.7
	Cranwell ...	77	56	53	-	-	8.3
3	Birmingham ...	76	60	55	-	Tr	9.8
	Upper Heyford	76	59	52	-	-	*
4	Ross-on-Wye ...	74	57	52	-	0.4	9.0
5	Portland Bill...	64	60	*	-	1	*
	Plymouth ...	64	52	51	Tr	8	2.3
	The Lizard ...	60	50	*	-	3	*
	Scilly (St. Mary's)	62	51	*	Tr	4	1.4
	Guernsey ...	73	62	59	-	Tr	7.6
6	Pembroke ...	61	51	*	1	3	0.6
7	Holyhead ...	66	52	51	0.4	2	2.0
	Chester (Sealand)	76	54	52	-	0.4	8.0
8	L'pool (Bidston)	72	53	52	-	0.6	8.8
	Manchester	75	55	54	-	Tr	8.7
9	Harrogate ...	76	59	55	-	-	7.9
10	Spurn Head ...	67	52	*	-	-	7.6
	Catterick ...	75	56	49	-	Tr	5.2
	Tynemouth ...	73	57	51	-	-	*
11	Inchkeith ...	67	58	52	-	-	2.4
	Leuchars ...	69	53	43	-	Tr	1.3
12	Renfrew (Abbotsl)	68	51	51	3	1	0.4
	Eskdalemuir ...	63	51	45	4	1	0.0
13A	Tiree	61	49	47	10	14	0.1
13B	Stornoway ...	62	49	*	2	9	1.4
15	Dalwhinnie ...	63	55	52	3	1	0.0
	Aberdeen ...	59	54	45	-	Tr	0.2
	Wick	59	55	*	0.1	-	*
16	Lerwick ...	55	53	*	5	-	0.0
17	Blacksod Point	60	51	*	12	Tr	*
18	Malin Head ...	67	47	*	8	7	0.6
	Aldergrove ...	66	46	45	1	8	1.1
	Donaghadee ...	61	48	*	3	2	*
19	Birr Castle ...	65	45	42	2	6	0.0
20	Valentia Obsy.†	60	47	43	8	6	0.0
	Roches Point...	61	50	*	10	7	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. 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	cby	b	bbc	77	64	54	-	-	8.2	*	*	7
Croydon	217	bccb	byb	bbc	78	63	60	-	-	8.4	*	*	8
Greenwich (Royal Observatory) ...	149	by	by	bc	81	62	59	-	-	7.8	58	75	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7.8	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	79	63	54	-		7.8	64	81	*
Regents Pk. (Botanic Gardens) ‡...	168	*	*	*	80	64	56	-	-	7.9	66	79	*
Camden Square	110	cb	b	*	81	64	54	-	-	*	*	77	*
Kensington	80	c	cbcb	*	79	65	56	-	-	8.1	At 18h. 61	79	*
Hampstead Observatory	450	o	bc	bc	78	62	53	-	-	7.7	*	89	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington.

Max.	Time.	Min.	Time.
<0.3	Whole	period	

Kew Observatory.

Max.	Time.	Min.	Time.
<0.1	Whole	period.	

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	1018.5	SSE	1	3$_o$	75	1019.3	-	0	3$_o$	57	82	55	-	-
Brussels	1020.2	SSE	3	b	68	1019.4	SSE	4	6	64	82	61	-	-
Berlin	1026.7	E	1	3$_o$	63	1027.3	E	1	3$_o$	54	70	50	-	-
Zurich	1023.8	NW	1	b	64	1024.6	SE	1	5	57	77	55	-	Tr
Rome	1024.5	NW	2	b	70	1023.8	-	0	b	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
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.

† 1h. observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h. § Sea disturbance reported from Dungeness.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 30th September 1934.

No. 26.b.10

OBSERVATIONS at 13h. G.M.T. 29th September

Dist.	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)	°F. Temp. (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)
1	London (Kew)	1013·7	-4	S	4	c	71	75	8	8	-	8	7-8	9	2500
	Croydon	1014·4	-2	SSE	3	c	68	75	8	5	6	1	7-8	9+	2500
	S. Farnborough	1013·3	-6	SSW	2	t₀r₀	66	85	7	5	7	-	2-3	9+	2500
	Boscombe Down	1013·8	+2	NW	2	o/r	54	95	7	5	-	-	10	10	800
	Calshot. S'thmtn	1014·0	0	SSW	2	c/pr	64	95	7	8	2	-	4-6	10	1500
	Lympne	1015·7	-2	S	3	o	70	65	7	-	-	-	0	0	-
	Manston	1015·1	-4	S	5	o	72	65	7	-	-	-	0	1	-
2	Shoeburyness	1014·7	-2	SSW	4	bc	73	85	8	8	7	-	1	4-6	2500
	Felixstowe	1015·0	-6	S'E	4	o	67	85	7	-	4	-	0	1	-
	Gorleston	1014·3	-10	SE'S	5	o	67	85	6	-	-	-	0	0	-
	Cranwell	1012·5	-6	SSW	3	3₀	71	75	6	8	7	-	7-8	9+	2500
3	Birmingham	1013·9	-16	W	2	r f	53	95	3	6	-	-	10	10	800
	Upper Heyford	1013·7	+6	SW	3	R R	59	95	5	3	2	-	4-6	10	800
4	Ross-on-Wye	1013·6	0	SW'S	2	r₀r₀	54	95	7	6	2	-	2-3	10	2500
5	Portland Bill	1014·8	+10	W	3	R R	55	95	7	6	-	-	10	10	1500
	Plymouth	1013·8	-2	SSW	4	r r	56	95	7	6	2	-	4-6	9+	1500
	The Lizard	1014·4	+2	SW	3	bc	57	85	8	8	2	-	2-3	4-6	2500
	Scilly (St. Mary's)	1013·7	+2	SW	4	c/pr	55	85	7	8	-	-	9	9	1500
	Guernsey	1015·9	+14	-	0	fr	55	95	6	6	-	-	10	10	1500
6	Pembroke	1012·1	0	SW	3	c	57	75	7	5	2	-	4-6	7-8	4000
7	Holyhead	1011·9	0	SSW	3	c	56	75	8	5	7	-	1	9+	1500
	Chester (Sealand)	1013·4	0	SE'S	2	t₀r₀	54	95	6	6	2	-	4-6	10	800
8	L'pool (Bidston)	1013·1	0	SE	2	r r	52	95	6	5	-	-	10	10	1500
	Manchester	1013·2	+10	SE	1	r₀r₀	53	95	5	6	2	-	2-3	10	1500
9	Harrogate	1013·2	+6	SW'W	2	r	52	95	7	6	2	-	7-8	10	2500
10	Spurn Head	1012·5	-2	S'W	4	c	64	95	7	5	7	-	4-6	9	2500
	Catterick	1012·8	+10	W'N	2	r r	54	85	7	6	-	-	10	10	2500
	Tynemouth	1011·7	+8	SW	2	o/r	58	85	6	6	-	-	10	10	1500
11	Inchkeith	1013·0	+24	W	2	r₀	52	85	8	8	7	-	4-6	10	2500
	Leuchars	1011·9	+10	WSW	2	c/r	55	85	7	5	2	-	4-6	10	4000
12	Renfrew (Abbotsl)	1011·1	+4	S	1	c	54	75	8	7	2	-	2-3	10	2500
	Eskdalemuir	1012·3	+8	SW'S	2	d₀d₀	51	95	6	6	2	-	9	10	800
13A	Tiree	1007·9	+6	SSE	4	c	55	75	8	4	1	8	1	9	2500
13B	Stornoway	1007·1	+8	SSW	4	c/pr	56	75	8	8	7	5	4-6	7-8	1500
15	Dalwhinnie	1010·9	+20	W	4	bc	52	75	8	4	4	-	2-3	4-6	2500
	Aberdeen	1011·4	+26	SW'S	3	t₀r₀	55	85	6	-	7	-	0	10	-
	Wick	1009·3	+28	WSW	2	c	57	85	8	8	-	5	7-8	10	2500
16	Lerwick	1009·3	-6	SSE	5	c	53	95	6	5	7	-	4-6	7-8	800
17	Blacksod Point	1004·2	0	S	5	q	57	75	8	2	-	-	4-6	4-6	4000
18	Malin Head	1006·7	-4	S	3	c	56	85	8	2	9	3	4-6	9+	1500
	Aldergrove	1009·9	-4	S	3	c	55	75	8	2	7	8	1	9+	1500
	Donaghadee	1010·4	+4	S	1	c	54	85	8	5	-	-	7-8	7-8	1500
19	Birr Castle	1008·8	-2	S	3	pr	55	75	8	9	-	-	9	9	2500
20	Valentia Obsy.	1006·7	-2	S	5	bc	57	75	8	8	-	-	4-6	4-6	1500
	Roches Point	1010·2	0	W	4	bc/pr	55	85	8	3	-	-	4-6	4-6	1500

OBSERVATIONS at 18h. G.M.T. 29th September

Dist.	Stations.	Barom. at M.S.L. ·mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	°F. Temp. (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)
1	London (Kew)	1016·8	+26	S	1	c/r	57	95	6	6	7	-	7-8	10	1500	1	*
	Croydon	1017·0	+34	W	2	r r	55	95	6	6	7	-	4-6	9+	1500	1	*
	S. Farnborough	1017·1	+18	W'S	1	c/r	54	95	7	6	2	-	4-6	9+	800	1	*
	Boscombe Down	1016·6	+16	SW	2	c	53	95	7	6	3	-	9	9+	1500	1	*
	Calshot. S'thmtn	1017·0	+14	SW'W	2	c	56	95	8	8	3	-	4-6	7-8	1500	1	0
	Lympne	1017·1	+14	SW	2	r f	61	95	3	6	-	-	10	10	150	1	§2
	Manston	1016·2	+20	S	3	t₀r₀	63	95	7	6	5	-	4-6	7-8	800	0	*
2	Shoeburyness	1016·2	+14	SW	2	r₀	63	95	6	6	2	-	7-8	10	4000	1	*
	Felixstowe	1015·8	+10	SW	4	r r	65	85	6	6	7	-	4-6	10	1500	1	2
	Gorleston	1015·0	+10	S	4	c	66	85	6	5	6	-	9+	9+	4000	0	2
	Cranwell	1015·0	+20	SW	2	r₀r₀	53	95	6	5	6	-	4-6	9+	1500	1	2
3	Birmingham	1014·8	+4	SSW	3	c	52	95	5	6	-	-	7-8	7-8	1500	1	*
	Upper Heyford	1016·2	+10	SW	3	c	52	95	7	3	7	-	4-6	9+	800	1	*
4	Ross-on-Wye	1015·1	+8	SSW	2	c	53	95	7	9	1	2	4-6	7-8	2500	1	*
5	Portland Bill	1016·9	+20	WSW	4	c	58	75	7	8	-	8	7-8	9	1500	1	3
	Plymouth	1016·3	+12	SW'S	3	bc	57	95	8	9	-	3	2-3	4-6	2500	1	2
	The Lizard	1016·3	+4	SSW	4	bc	57	95	8	8	4	-	2-3	4-6	2500	1	3
	Scilly (St. Mary's)	1015·0	+8	SW	4	bc	56	85	7	2	7	-	4-6	4-6	2500	1	3
	Guernsey	1015·5	+22	W	2	bc	56	85	8	8	-	-	4-6	4-6	2500	2	2
6	Pembroke	1012·7	+2	SSW	4	bc	57	75	8	7	8	9	2-3	4-6	5700	1	3
7	Holyhead	1012·0	+2	S'W	4	c	56	75	8	2	3	-	7-8	9	2500	1	2
	Chester (Sealand)	1013·8	+6	S'E	2	c/pr	53	95	6	8	3	1	2-3	7-8	2500	1	*
8	L'pool (Bidston)	1014·0	+2	S	2	bc	53	95	8	1	4	6	1	4-6	2500	1	*
	Manchester	1013·7	+6	S'W	1	3₀	53	95	5	5	2	-	2-3	10	2500	1	*
9	Harrogate	1013·8	+6	S	1	f	51	95	3	5	-	-	10	10	150	1	*
10	Spurn Head	1014·2	+10	NW	4	o	55	95	6	5	-	-	10	10	1500	0	3
	Catterick	1012·7	0	S	1	c/r	51	95	7	5	-	-	9+	9+	1500	1	*
	Tynemouth	1011·9	+4	-	0	r r	52	95	6	6	-	-	10	10	1500	1	1
11	Inchkeith	1013·4	0	SE	1	c	52	95	7	8	7	-	2-3	9+	2500	1	1
	Leuchars	1011·4	-4	SE	2	c	52	95	6	5	2	-	7-8	10	1500	1	*
12	Renfrew (Abbotsl)	1010·5	-2	-	0	c	52	85	8	4	1	8	Tr	9	4000	1	*
	Eskdalemuir	1011·5	+2	SSW	3	d d	49	95	5	5	-	-	10	10	220	1	*
13A	Tiree	1006·7	-10	SE'S	5	bc	53	75	7	3	4	8	Tr	4-6	2500	1	4
13B	Stornoway	1007·8	0	SSE	4	c	54	75	9	8	8	-	4-6	7-8	1500	1	2
15	Dalwhinnie	×	+4	SW	3	bc	48	85	8	4	4	-	2-3	4-6	2500	0	*
	Aberdeen	1011·4	+2	SSW	1	t₀r₀	51	95	5	6	-	-	10	10	4000	1	1
	Wick	1010·2	+6	ESE	2	r₀	54	95	7	6	-	-	10	10	1500	1	2
16	Lerwick	1010·5	+8	SSE	3	o	55	95	5	5	-	-	10	10	450	0	*
17	Blacksod Point	1005·2	-6	S	6	q	53	95	8	9	-	4	2-3	4-6	1500	0	4
18	Malin Head	1005·8	-2	S'E	4	c/p	54	85	8	9	-	-	9	9	1500	1	1
	Aldergrove	1008·7	-4	S'E	4	c	54	75	8	8	3	1	1	1	2500	1	*
	Donaghadee	1010·0	-2	SSW	2	bc	52	75	8	8	3	-	4-6	4-6	2500	0	1
19	Birr Castle	1007·9	-2	S	1	o	54	85	8	5	-	-	Tr	Tr	2500	1	*
20	Valentia Obsy.	1006·1	-2	S	5	c/pr	53	85	8	5	7	6	2-3	9+	1500	1	3
	Roches Point	1009·9	0	SW	4	c/phr	57	85	8	6	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

Dist.	Stations.	Weather. 7h.–13h. 29th (37)	Weather. 13h.–18h. 29th (38)	Weather. 18h. 29th to 1h. 30th (39)	Weather. 1h.–7h. 30th (40)
1	London (Kew)	bcc	cpr₀cr	cm₀bc	bw
	Croydon	bcc	cr₀rr	rrr₀cb	bwb
	S. Farnborough	bccr₀	rcqr₀rc	cb₀bbcp	bcb
	Boscombe Down	cr₀crr	crrkr₀	cbcb	bw₀w
	Calshot. S'thmtn	rrpr₀c	cr₀r₀	cbcb	b
	Lympne	bcw₀b	coRqrr	rrfprc	cb
	Manston	b₃₀b	bccpfr	bcy	cbrrrcb
2	Shoeburyness	bc	bcrrr	crrbc	bcb
	Felixstowe	b	b₀rrr3₀	ctbrrbc	cbr
	Gorleston	bq	bbccq	cqorf	cbc
	Cranwell	bbf3₀	ctbr	cr₀rb	wbw₀
3	Birmingham	orr	orrc	bc	bc
	Upper Heyford	crrR	cRr	cbc	bcw₀w
4	Ross-on-Wye	rcr	rcc	bcb	bc
5	Portland Bill	oRR	oRR₂	cbcb	bbc
	Plymouth	cr₀wor	cr₀pr₀bc	bcb	bbcpr₀c
	The Lizard	prcbc	bc	bcw	bc
	Scilly (St. Mary's)	cbccp	cpbc	bcc	bcbbc
	Guernsey	cowrr	orc	bcbw	bcwbc
6	Pembroke	c	cbc	bccprb	cbccq
7	Holyhead	cr₀c	c B	cPRc	prc
	Chester (Sealand)	or₀r₀cRp	rr₀cprr	bcbw₀w	bcpr₀
8	L'pool (Bidston)	orr	crcbc	bcbw₀	bcprc
	Manchester	rrfw	rrmw₀	cbw₀	bcpr₀
9	Harrogate	crr	rrf	focr₀	cb
10	Spurn Head	bc	tlro	our₀b	bbcw
	Catterick	bcw₀or	orrrw₀	cbcb	bbccr₀
	Tynemouth	bcocr₀	orr	oircbc	bc
11	Inchkeith	cor₀	ccr	bcc	c
	Leuchars	rrcr₀c	Rr₀r₀w₀	cbcbw	bbccw
12	Renfrew (Abbotsl)	cr₀r₀c	c	ccwr	bcwcpr₀
	Eskdalemuir	riddd	cdow₀	dcc	cpr PR
13A	Tiree	d(w)c	cbc	bcPRq	bcc
13B	Stornoway	crrpr	c	cpr₀	cpr₀q
15	Dalwhinnie	rrbc	bc	•	ir
	Aberdeen	c3₀r₀r₀	crw₀rr	cr₀w₀	cw₀c
	Wick	w₀d₀d	cocr₀	our₀c	c
16	Lerwick	bccrw₀	corw₀	afrrm	orrwcb
17	Blacksod Point	bcq	p₀bcq	PRcq	PRcq
18	Malin Head	c	c	bcc	c
	Aldergrove	c	cbcb	bbc	bcc
	Donaghadee	c	cbc	bc	bcc
19	Birr Castle	bccpr	bcpr	bcpr	bcprc
20	Valentia Obsy.	prcbc	bccpr	bcpy₀PR	cirir₀
	Roches Point	cPbc	prphrc	cPbc	bcPc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s₀, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s₀/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. z, 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. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{10}$ 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), or Nimbo-stratus (Nb-St).
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.

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

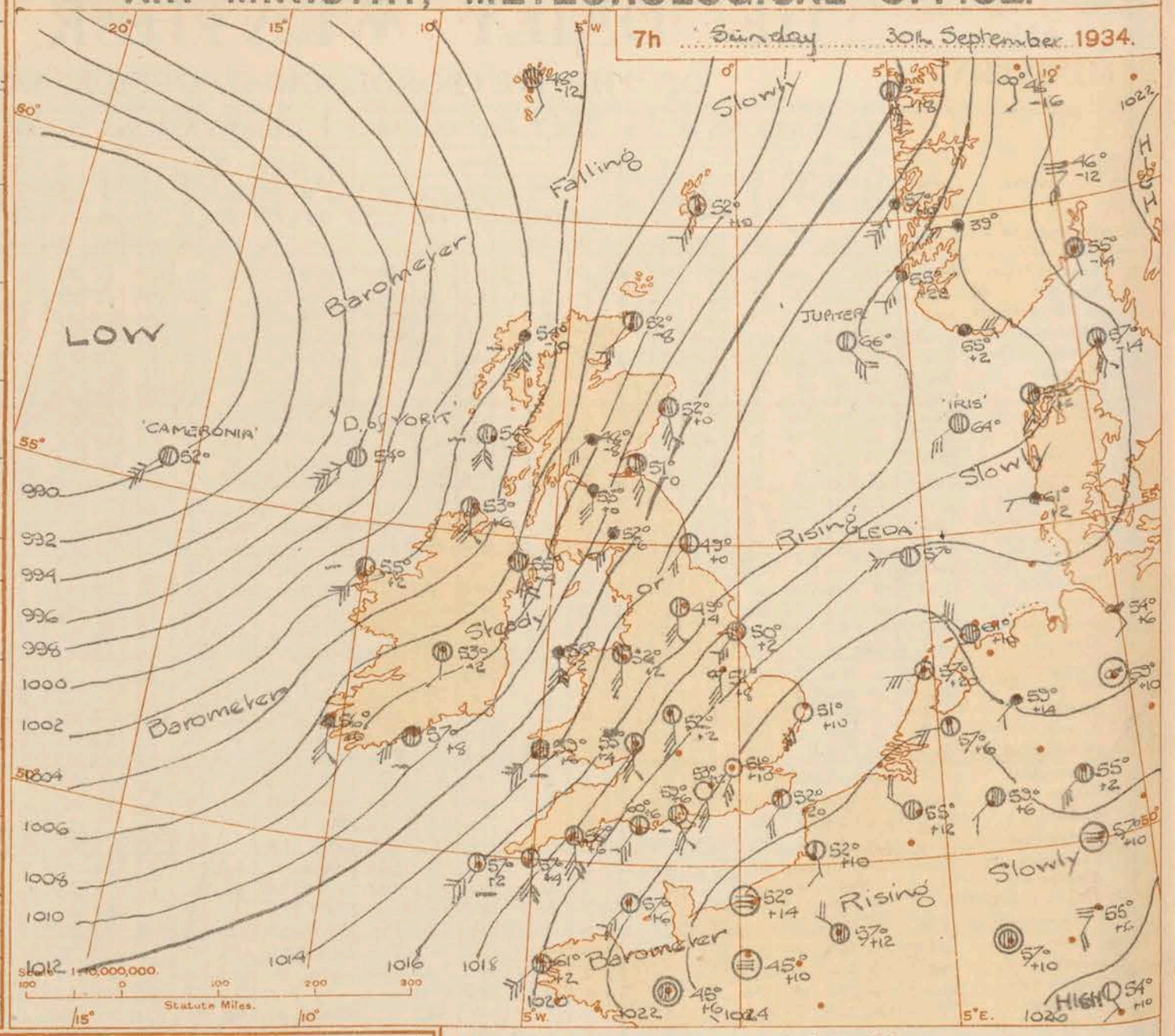
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 29th September 1934.

Districts.	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.
1	Tunbridge W.	bcc	oro	59	69	-	2	2·5	9·7
	Bournemouth	odo	ro	55	63	-	5	0·0	5·2
	Ventnor	bccw	orcw	62	67	-	4	0·8	6·9
	Southsea ...	bcp	cPc	63	66	-	4	0·6	7·1
	Bognor Regis	bcc	cor	60	66	-	2	2·6	7·4
	Littlehampton	cbcc	cb(r)	62	66	-	2	1·3	7·5
	Worthing ...	c	cor	62	67	-	1	0·7	7·2
	Brighton ...	c	copor	64	65	-	1	0·0	7·2
	Eastbourne†	co	orro	61	66	-	5	0·2	8·8
	Hastings† ...	cbc	bcolr	62	69	-	7	1·5	9·9
	Folkestone ...	b	bbcor	60	72	-	0·3	7·5	9·6
	Dover... ...	b	bcr	63	72	-	Trace	8·2	10·2
	Deal	b	bo	65	73	-	-	8·1	10·2
	Ramsgate ...	b	bbc	63	71	-	-	8·0	10·0
	Margate ...	bbc	bcc	63	74	-	-	8·1	10·3
2	Southend ...	bbc	cgor	62	75	-	1	5·5	10·0
	Maldon ...	b	bcr	58	75	-	0·5	7·3	8·6
	Clacton-on-Sea	bwbc	bcc	62	68	-	-	7·5	5·6
	Dovercourt ...	wb	bcc	47	69	-	-	7·6	9·9
	Lowestoft ...	b	bbc	62	68	-	-	8·8	10·7
	Skegness ...	bcb	bcpqr	59	70	-	0·2	4·3	7·4
	Mablethorpe	bcwf	bcrlp	52	73	-	2	4·8	7·3
	Cleethorpes...	wbc	colrp	59	72	-	6	4·0	7·4
3	Leamington S.	or	or	61	63	-	-	0·0	8·7
4	Cheltenham†	orrm	orom	56	59	2	13	0·0	9·3
5	Bath	rr	rrc	55	55	1	11	0·0	9·3
	Weymouth ...	rc	rc	59	60	3	10	0·0	6·0
	Jersey ...	pc	crc	63	65	0·2	2	0·0	9·0
	Torquay ...	rorpq	opob	53	59	7	1	1·3	1·8
	Penzance ...	c	bbcrb	52	61	1	1	3·3	0·1
	St. Ives ...	c	p	51	61	3	2	2·9	0·0
	Bude	r	cbcp	52	59	5	1	1·7	8·0
	Ilfracombe ...	opo	ocbco	54	59	7	0·3	1·7	10·5
6	Aberystwyth	prr	cbc	50	59	7	4	0·7	7·9
7	Llandudno ...	rs	c	53	56	0·4	1	0·1	8·8
	Colwyn Bay...	opc	cbc	52	56	1	0·5	0·1	6·4
	Rhyl	corr	orcbc	51	56	2	3	0·0	8·4
8	Wallasey ...	orr	roc	54	55	2	7	0·0	8·3
	Southport‖ ...	ro	ro	54	54	2	6	0·0	7·2
	Blackpool ...	or	oro	53	54	2	7	0·0	7·7
	Morecambe ...	rrorr	rc	54	55	2	9	0·0	7·9
9	Ilkley... ...	coro	r	56	58	-	12	0·2	9·2
10	Berwick-on-T.	orR	RRo	55	60	-	10	0·0	3·8
11	Dunbar ...	crr	crrm	53	56	-	5	0·0	2·3
12	Troon... ...	coc	o	52	64	6	-	0·5	0·6
	Douglas ...	c	cb	50	56	2	-	0·3	0·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th Sept., 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light to moderate southwest wind; fair; day temperature slightly above average; local morning fog.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate to fresh south to southwest wind; bright periods, occasional showers; average temperature.
9. N Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man	Moderate to fresh south to southwest wind; cloudy, bright intervals, occasional rain or showers; average temperature.
13. A. W. Scotld. B. N.W. Scotland	Fresh to strong south to southwest wind; cloudy, brighter intervals, occasional rain or showers; average temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 12 - 13A.
17. N.W. Ireland	As 13B.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 12 - 13A.

H.M. Stationery Off. Press Kingsway W.C.2

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ 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. ✳Sleet ▲Hail ≡Fog. ≡°Mist. TThunder. ⅄Thunderstorm. ∞°Slight haze.
Sea Disturbance.—Rough. ≈≈High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression is situated south of Iceland whilst associated small secondaries are moving north or northeast across our western districts. In western districts there will be occasional rain or showers, in the East and Southeast weather will be mainly fair.

FURTHER OUTLOOK.

Unsettled in western districts; mainly fair in the Southeast.

Forecasts issued at 1200 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.

Morning of
SUNDAY
30th September
1934.

LOW
HIGH
1012
1016
1020
1024
1028
1032
1008
1004
1000
996
992
988

Clarke's Projection Scale 1·4 × 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with 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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 30th September 1934.

No. 26.619

OBSERVATIONS at 1 hr. G.M.T. 30th September

District	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)
1	London (Kew) ..	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020.7	+14	SSW	3	b	50	95	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022.1	+18	W'S	2	C	51	95	8	5	–	8	7-8	9	2500
	Manston ...	150	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020.2	+18	SW'W	2	C	54	95	7	8	–	–	9+	9+	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1019.4	+6	NSW	4	b	60	85	8	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017.9	+4	SSW	5	bc	57	95	8	7	–	–	2-3	2-3	4000
	Scilly (St. Mary's)	163	1016.5	+6	SW	5	C	57	85	8	2	–	–	9	9	2500
	Guernsey ...	175	1021.2	+8	WSW	3	b	56	85	8	–	–	–	0	0	–
6	Pembroke ...	142	1019.6	+2	SW'W	6	bc	59	85	7	8	–	–	4-6	4-6	2500
7	Holyhead ...	26	1011.5	-.6	S'W	5	pr	56	85	6	9	–	–	9+	9+	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017.7	+10	WSW	3	b	51	95	7	–	–	–	0	0	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	190	1014.0	+12	S	2	bc	51	95	6	5	–	–	2-3	2-3	1500
11	Inchkeith ...	190	1011.4	0	S	2	C	51	85	8	5	7	–	4-6	9	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1004.5	-2.2	S	3	C	53	75	7	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1007.3	-8	SW	3	C	52	95	8	5	2	–	7-8	10	1500
16	Lerwick ...	156	1007.0	-12	S'W	2	rr	54	95	4	5	–	–	10	10	220
17	Blacksod Point	18	1001.7	0	S	5	q	55	95	7	9	–	–	7-8	7-8	800
18	Malin Head ...	52	1003.7	-6	S'E	4	C	52	95	8	8	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005.7	+6	S	5	iR	56	85	6	6	–	–	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th September

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)
1022.5	+10	S	2	b	52	85	7	7	–	–	Tr	Tr	4000	1	*
1022.3	+10	S'W	3	b	51	95	8	–	–	–	0	0	–	1	*
1022.0	+12	S'E	3	b	53	95	7	2	–	1	Tr	Tr	2500	1	*
1020.9	+8	S'E	3	b	51	95	6	–	3	–	0	Tr	–	1	*
1021.6	+6	SSE	4	bc	59	85	8	8	–	–	2-3	2-3	1500	1	2
1024.1	+20	SW'W	2	bc	52	95	8	8	–	–	2-3	2-3	2500	1	§ 2
1023.5	+8	S'W	2	bc	51	95	7	5	3	–	2-3	2-3	4000	1	*
1023.0	+12	SW	3	b	56	95	8	–	–	5	0	1	–	1	*
1022.8	+10	SW'S	3	b	58	85	8	4	–	–	1	1	4000	1	2
1023.3	+10	SSW	3	b	51	95	6	4	–	–	1	1	2500	0	2
1019.6	+8	S	3	bc	51	95	6	–	3	5	0	2-3	–	1	*
1018.6	+2	S	3	b	52	95	8	5	3	–	Tr	1	800	1	*
1020.7	+8	SSW	3	bc	50	95	7	–	4	–	0	2-3	–	1	*
1018.2	+4	S	4	bc	55	85	7	5	–	–	4-6	4-6	4000	1	*
1021.1	+6	SW	4	bc	60	85	8	–	4	–	0	4-6	–	1	4
1019.3	+6	S	5	c	58	95	8	8	–	4	7-8	9	1500	1	3
1018.0	+4	S	5	bc	57	95	8	4	6	–	2-3	2-3	2500	1	3
1016.7	+2	SSW	5	bc	57	95	6	4	4	3	2-3	4-6	2500	1	4
1022.4	+6	SSW	1	bc	57	95	7	1	7	1	1	2-3	2500	0	2
1013.6	0	SSW	6	c	59	85	7	8	–	–	9	9	2500	1	4
1011.7	-2	S	6	iV	58	85	7	6	2	–	7-8	10	800	1	2
1016.1	+2	S'E	3	bc	52	95	8	5	4	–	4-6	4-6	4000	1	*
1015.2	0	SSE	3	c	51	95	7	5	–	–	9	9	2500	1	*
1016.5	+6	S'W	3	3o	52	95	6	5	4	–	4-6	7-8	2500	1	*
1016.7	+6	S	2	b	48	95	5	5	–	–	Tr	Tr	4000	1	*
1018.6	+2	SW	4	bc	50	95	7	–	2	1	0	2-3	–	1	3
1018.8	+4	S'E	4	bc	49	95	7	6	3	–	2-3	4-6	1500	1	*
1014.5	0	SSW	2	bc	49	95	6	1	3	–	2-3	4-6	2500	1	1
1010.3	-2	S	3	c	53	85	8	5	3	–	4-6	9+	2500	0	2½
1010.2	0	S	3	c	51	85	8	5	7	–	7-8	9	4000	1	*
1008.6	0	S	3	pr	55	85	8	8	3	1	7-8	9	1500	1	*
1010.8	-6	S'W	5	PR	52	95	7	9	–	–	9+	9+	800	1	
1002.8	-2	S	6	c	54	85	7	8	9	9	4-6	7-8	1500	1	4
1001.0	-10	S	6	pr	54	85	7	8	6	–	7-8	10	1500	1	4
1007.3	-8	SW	3	iv	48	95	7	3	4	–	4-6	10	1500	1	*
1010.2	0	S'E	4	c	52	85	7	5	4	–	7-8	9+	1500	1	2
1006.8	-8	SSW	4	c	52	85	8	5	5	8	4-6	7-8	2500	1	3
1007.9	+10	S'W	4	bc	52	95	7	5	3	–	2-3	2-3	1500	1	*
1002.9	+2	S'W	5	cq	55	95	8	8	–	–	10	10	800	1	4
1003.4	+6	S	4	c	53	95	8	4	4	9	4-6	7-8	1500	1	1
1007.5	-4	S'E	5	c	55	85	8	5	3	–	9+	9+	1500	1	*
1008.2	0	SW	3	c	55	85	8	5	–	–	7-8	7-8	1500	0	2
1007.1	-2	S	1	c	53	95	8	5	–	–	9+	9+	2500	1	*
1007.0	0	S	4	iV	56	95	7	5	3	–	7-8	9+	800	1	3
1009.8	+8	SW	3	c	57	95	7	3	–	–	7-8	7-8	1500	1	4

PAST 24 HOURS.

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 29th Hrs. (36)
72	49	37	4	0.2	1.9
69	49	46	2	0.4	2.8
73	49	37	3	0.3	2.9
62	46	43	9	0.3	0.1
65	52	47	2	–	0.3
69	49	41	3.2	3	4.7
74	46	42	0.2	3	8.1
74	49	43	2	2	6.8
68	52	49	0.6	3	7.7
69	49	47	–	3	8.7
73	48	45	4	0.6	3.6
62	48	45	15	–	0.0
65	46	38	10	0.2	*
57	51	41	4	–	0.0
62	55	*	13	–	*
59	56	53	2	Tr	2.3
60	52	*	5	–	*
61	56	*	2	–	4.8
62	54	49	8	–	0.4
61	55	*	Tr	2	2.2
58	53	51	0.4	8	1.2
54	46	39	5	0.1	0.0
53	48	45	8	0.2	0.0
56	49	50	9	Tr	0.0
61	45	42	12	0.1	0.1
64	49	*	5	2	
60	45	41	13	0.1	0.0
62	48	45	9	1	*
59	49	46	3	4	0.0
60	52	50	3	5	5.3
58	53	*	3	12	*
55	51	45	2	–	0.0
59	42	33	3	Tr	0.0
55	44	37	0.4	Tr	0.0
57	46	43	4	4	0.5
55	50	47	0.3	1	0.0
56	53	*	2	0.2	2.2
63	43	38	5	6	0.1
59	46	35	5	2	0.1
57	50	*	1	1	*
56	51	*	–	4	0.6
58	52	*	Tr	4	*
59	50	*	–	–	7.5
59	51	47	–	–	3.3
57	51	*	–	–	*
59	49	46	3	0.6	7.7
60	52	50	3	5	5.3
58	53	*	3	12	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet	Weather 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	bcc	cpc cr	cw, bw	72	49	37	4	0.2	1.9	*	*	8
Croydon	217	bcc	cr rr	rrc bw	69	49	46	2	0.4	2.8	*	*	8
Greenwich (Royal Observatory) ...	149	c	cv r	rd, bw	72	48	41	1	1	2.1	87	76	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	70	50	45	4		0.9	85	75	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	72	51	44	4	1	0.3	79	83	*
Camden Square	110	c	ccr	*	71	51	43	4	1	*	At 18h.	77	*
Kensington	80	bcc	crc	*	72	50	49	4	1	1.0	92	75	*
Hampstead Observatory	400	bc	cr	b	70	48	41	4	0.5	0.4	*	90	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 30th

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
0.3	7-9h. 12-15h. 19-21h.	<0.3	10h. 29th to 5h. 30th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.2	21h. 29th.	<0.1	12h. 29th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 29th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Th. G.M.T. 30th September. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017.9	S	2	c	75	1024.9	WNW	2	c	57
Brussels	1017.6	SSE	3	b	68	1024.2	WNW	2	bc	57
Berlin	1024.7	E	3	3o	66	1023.1	ESE	1	b	54
Zürich	1023.4	SSW	1	b	64	1027.0	SE	1	bc	54
Rome						1023.8	NE	2	b	63

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
81	51	–	–
81	54	–	1
73	50	–	–
77	52	–	–
*	*		

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	2¼	,,
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.

† The observations are from Valentia W/T station. : Maximum and Minimum Temperatures are for the 24 hours ending 9h. § Sea disturbance reported from Dungeness.