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

GALE WARNINGS.

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

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

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

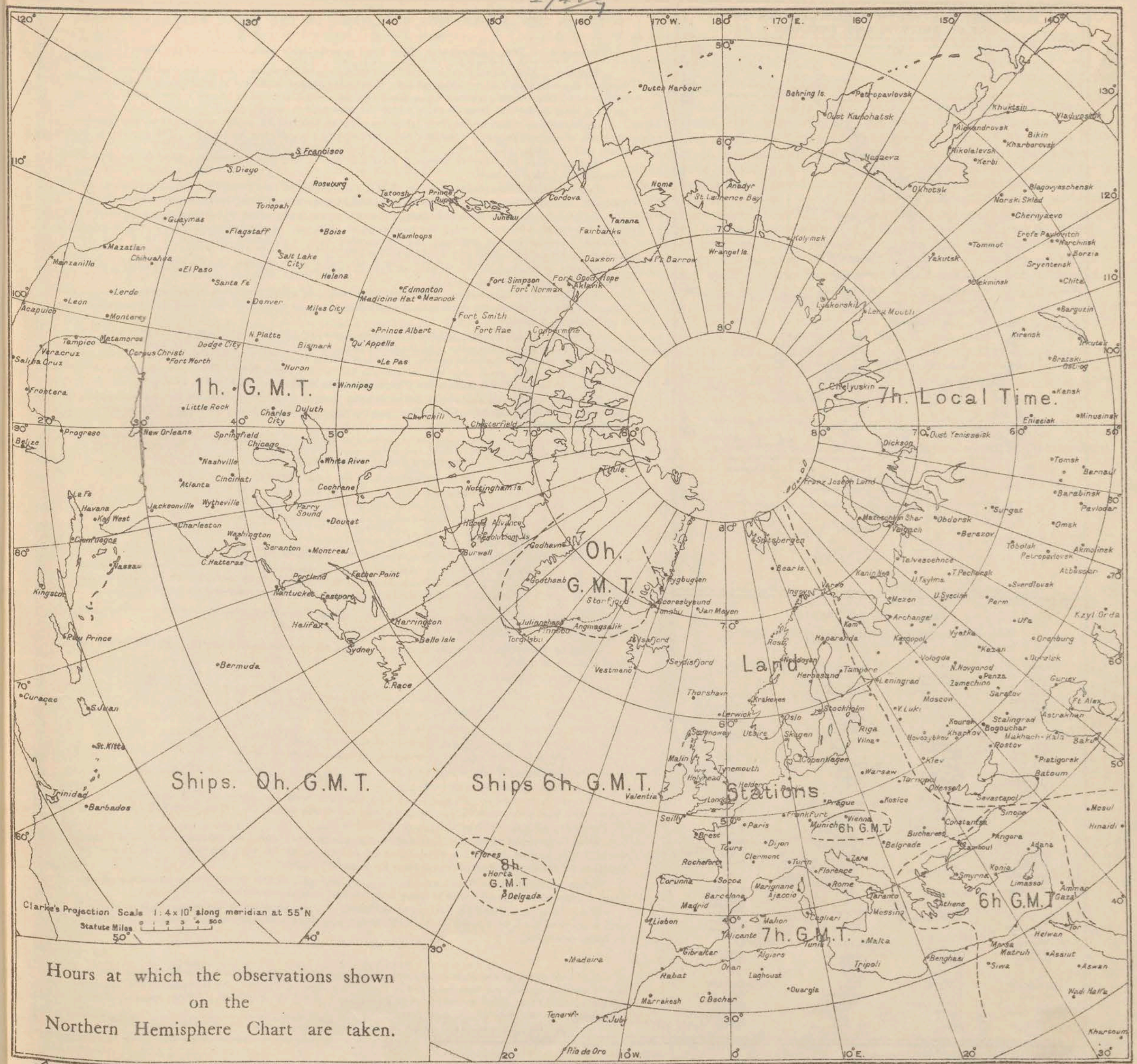
The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

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

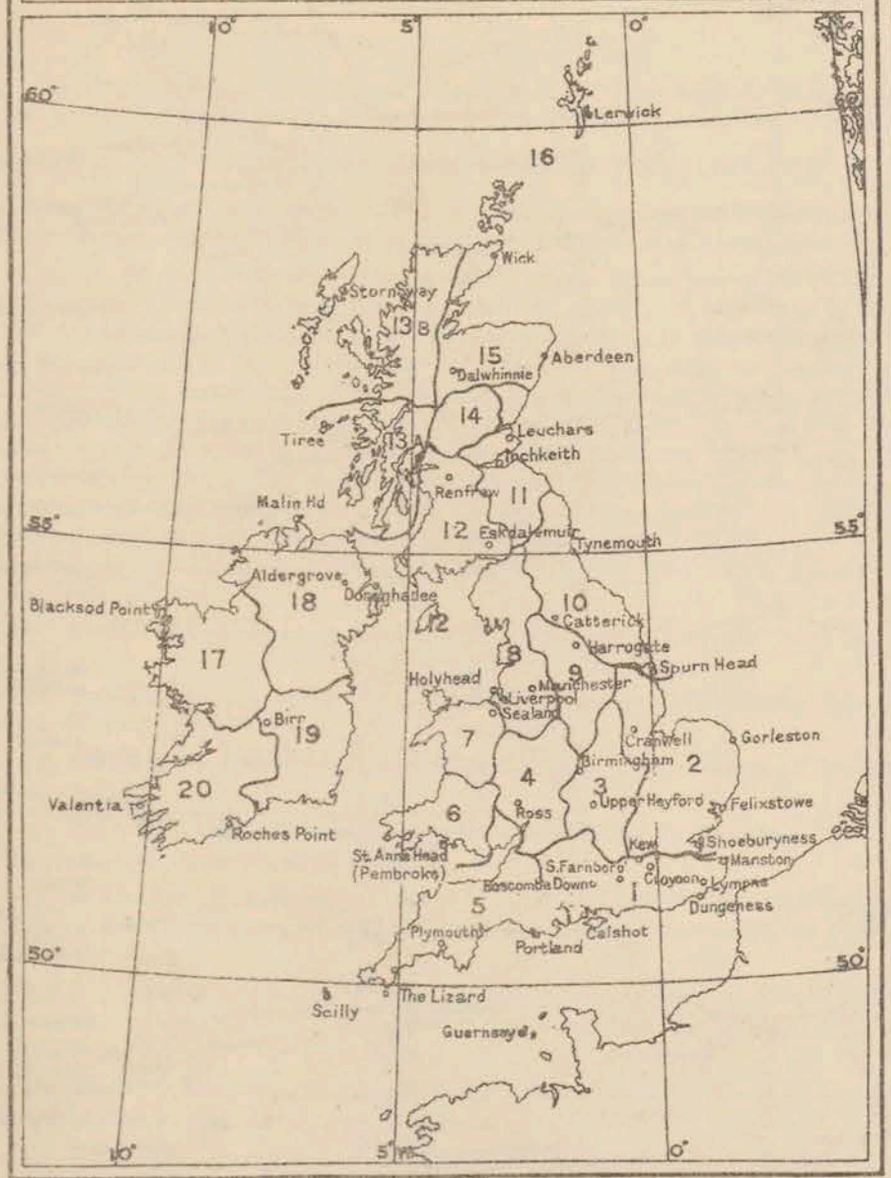
The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 against the forecast districts to which they apply:—

▲ North Cone hoisted: ▼ South Cone hoisted:

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


1h. G.M.T.
7h. Local Time.
0h. G.M.T.
Ships. 0h. G.M.T.
Ships 6h. G.M.T.
Land Stations
6h G.M.T
8h. G.M.T
6h G.M.T
7h. G.M.T.
Clarke's Projection Scale 1:4×10⁷ along meridian at 55°N
Statute Miles
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.

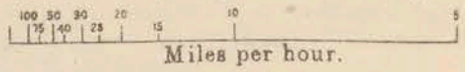
The wind at a height of 1,500-2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the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

JULY, 1934. No. 211.

Marked excess of sunshine. Drier and warmer than usual. Thundery.

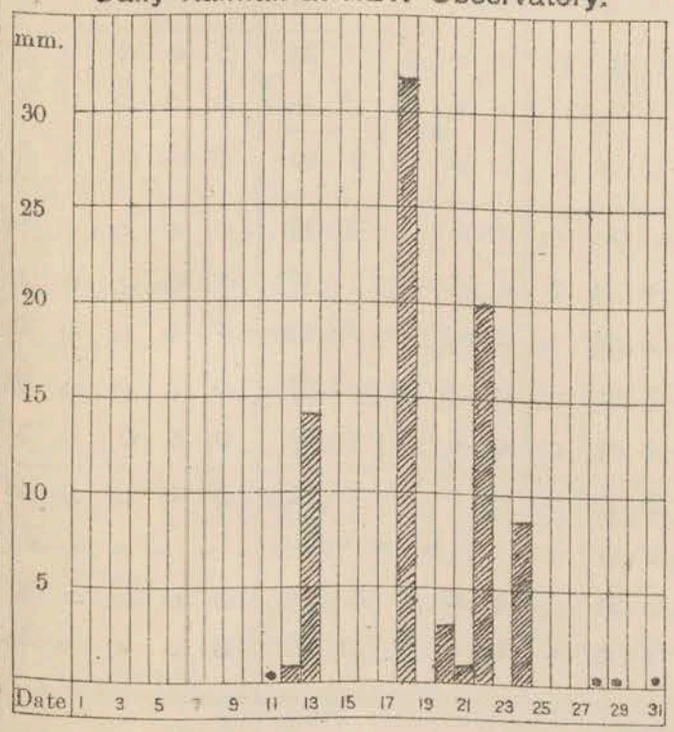
The outstanding features of the month were the marked excess of sunshine in all areas, the deficiency of rain in many districts and the frequent thunderstorms during the period 11th to 22nd. Temperatures were mainly above normal. Sunshine values at Holyhead, Inchkeith, Ross-on-Wye and Abbotsinch (Paisley) were the highest reported at these stations for July since records began in 1914, 1923, 1915 and 1921 respectively; the value at Abbotsinch (Paisley) being 61% above normal. The rainfall at Holyhead, was the lowest value for July measured at that station since records began in 1871.

From 1st to 10th mainly anticyclonic conditions prevailed and weather continued fine, sunny and warm or very warm, except in the extreme West and North, where occasional rain or drizzle fell. Maximum temperatures exceeded 85°F. (Ambleside 89°F. on 9th). Daily sunshine values reached 15 hours over a wide area; Kew recorded 130.9 hrs. sunshine in the 10 days - a record not equalled at that station since records began in 1880. Scarborough recorded an absolute drought of 16 days, while 13 to 14 dry days were experienced over a wide area in England, Wales and Ireland.

From 11th to 22nd shallow disturbances crossed the country maintaining warm, thundery conditions generally, with light to moderate variable winds, but fresh or strong at times. Thunderstorms, heavy locally, occurred almost daily, being widespread on the 18th. Considerable structural damage and temporary flooding was experienced; notable falls of rain were Gorleston 59 mm. on 13th; Fleetwood 56 mm. on 17th and Banff 47 mm. on 18th. Sunshine values were variable, but considerable sunny periods were enjoyed almost everywhere, particularly in East and South England, amounts of from 10 to 14 hours being frequently recorded over a wide area. Temperatures were about or above normal (Sealand and Prestatyn 89°F. on 11th), but on 22nd values failed to reach 60°F. in N. Scotland.

From 23rd to 31st secondary disturbances crossing or approaching the country maintained changeable conditions, with occasional rain or drizzle in most areas, but also considerable sunny periods, particularly in the South. Winds were mainly westerly, fresh to strong at times, reaching a whole gale at Spurn Head on 26th, while Liverpool and Abbotsinch (Paisley) recorded gusts of 53 m.p.h. A gust of 61 m.p.h. was also recorded at Liverpool on 28th. Thunderstorms occurred locally in England from 29th to 31st. Temperatures were mainly about or above normal; on 26th many places in S.E. England recorded a maximum of over 80°F. Local fog occurred frequently in S.W. England.

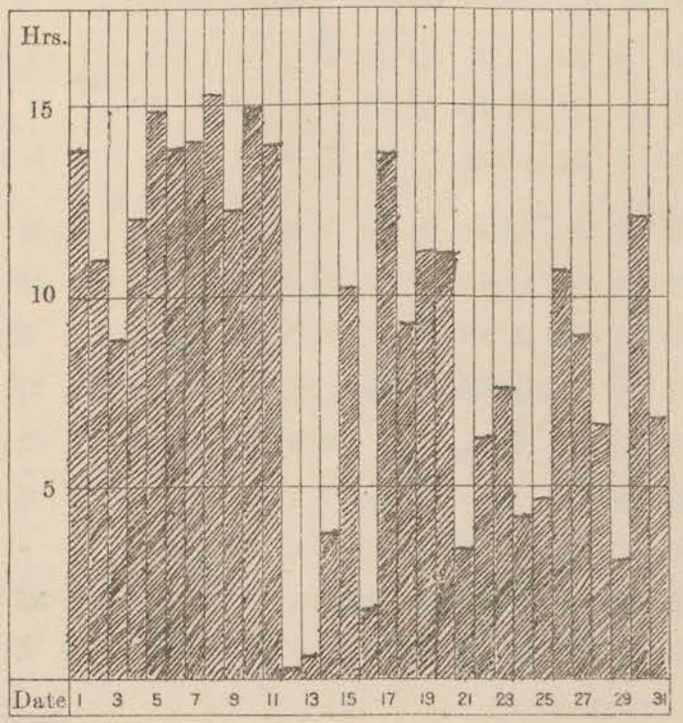
Daily Rainfall at KEW Observatory.



● = Less than 0·5 mm.

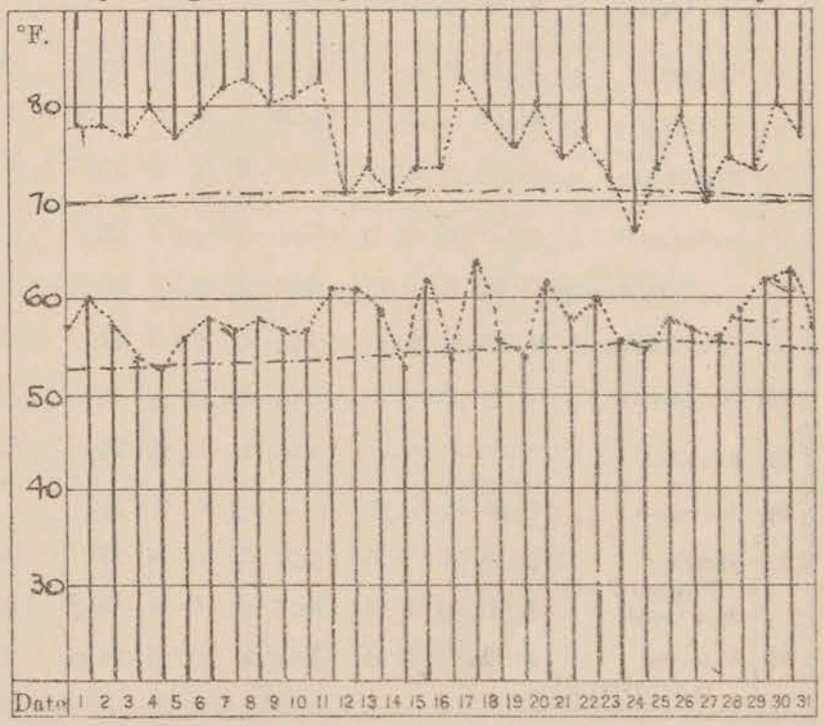
RAINFALL. Total for Month. 81 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 281 hrs.

Daily Range of Temperature at KEW Observatory.



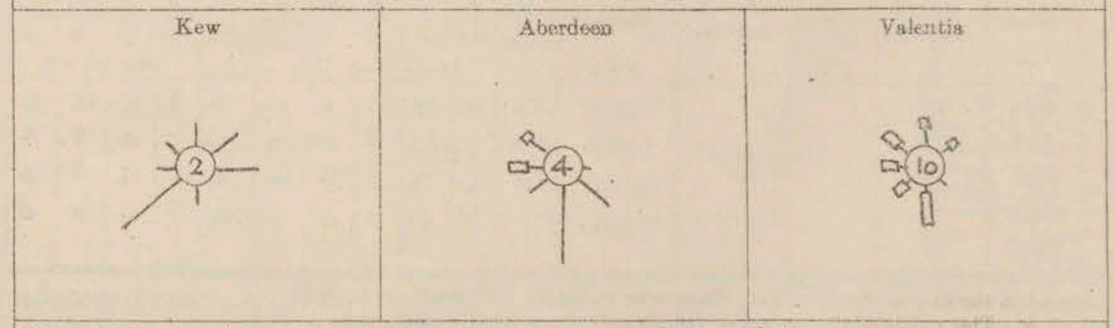
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F.	°F.
Kew	1016.9	+1.1	67.3	+0.6
Aberdeen	1013.9	+0.9	59.9	+3.2
Valentia	1017.4	+1.3	62.5	+3.6

*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 ; 10 mm. to 10 observations.
The figure in the centre of the circle gives the number of calms.

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

	miles.
Kew ...	5228
Aberdeen ...	5602
Lerwick ...	8870
Valentia ...	6423

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

	Stations.	† Temperature. Number of daily readings within fixed limits. Maximum. 51°-59°	60°-68°	69°-77°	78°-86°	87° or above.	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.
1	London ...	0	1	16	14	0	72.4	0	0	0	22	9	55.7	83	8, 11, 17	67	24	64	18	53	5, 15	0
	(Kew Obsy). Croydon ...	0	1	16	14	0	71.5	0	0	1	24	6	54.1	83	11	67	24	63	31	49	4	0
	Calshot** ...	0	0	28	3	0	69.4	0	0	0	23	8	55.7	81	18	69	12, 15, 27	63	18	52	24, 25	0
	(Southampton) Lympne ...	0	5	24	2	0	68.3	0	0	4	25	2	53.5	78	11, 17	65	4	64	18	46	4	0
2	Shoeburyness ...	0	5	21	5	0	71.4	0	0	8	18	5	54.0	83	18	66	4	64	31	46	4	0
	Gorleston ...	0	16	15	0	0	67.8	0	0	2	20	9	55.0	75	30	62	1, 4	64	31	49	4	0
	Cranwell ...	0	4	16	10	1	70.3	0	0	10	20	1	52.2	87	11	64	24	60	30	45	4	0
3	Birmingham ...	0	4	17	9	1	68.1	0	0	1	23	7	53.6	87	11	65	27	64	12	50	25	0
	(Edgbaston)																					
4	Ross-on-Wye ...	0	0	20	11	0	70.2	0	0	6	22	3	53.3	86	10	69	15, 27	62	30	48	15, 25	0
5	The Lizard ...	0	17	14	0	0	*	0	0	0	21	10	*	76	2	63	26	61	8, 9, 10	53	23	*
7	Holyhead ...	0	22	9	0	0	62.3	0	0	0	29	2	54.7	76	9	62	2	61	10, 11	53	3, 4	0
8	Liverpool ...	0	17	8	5	1	65.9	0	0	0	17	14	55.0	87	11	62	2	65	12	53	4	0
	(Bidston)																					
10	Tynemouth ...	0	22	9	0	0	64.1	0	0	0	29	2	53.4	74	7	60	14	61	7	51	3, 15, 23	0
11	Inchkeith** ...	0	24	5	2	0	62.6	0	0	1	29	1	52.6	79	7	60	20, 27, 28	60	7	50	3	0
12	Renfrew (Abbotsinch)	0	13	11	7	0	65.5	0	0	7	23	1	51.2	84	11	61	29	60	12	43	5, 15	0
	Eskdalemuir ...	0	19	8	4	0	63.3	0	4	9	18	0	48.3	84	11	60	15	58	12, 13	40	15	0
13B	Stornoway	7	21	3	0	0	60.6	0	0	5	25	1	49.7	73	10, 12	56	3	62	12	46	9	*
15	Aberdeen ...	0	22	9	0	0	63.6	0	0	8	23	0	51.4	75	6	60	14, 22	58	11	44	20	0
18	Aldergrove ...	0	14	12	5	0	*	0	1	7	22	1	*	85	10	61	13	60	25	40	3	0
19	Dublin ...	0	4	21	6	0	66.7	0	0	8	22	1	50.3	86	10	62	20	66	16	44	3	0
	(Phœnix Park) Birr Castle ...	0	11	11	8	1	66.5	0	0	4	24	3	52.2	87	10	64	23	62	26	45	3, 23	0
20	Valentia ... (Cahirciveen)	0	20	7	4	0	63.2	0	0	3	22	6	54.4	85	8	62	24	62	12	45	3	0

	Stations.	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 ...	1	19	0	1	24	0	0	21	0	0	0	1	0	14	0	0	0	0	28
	(Kew Obsy). Croydon ...	4	16	0	0	26	0	0	19	3	0	0	0	1	14	0	0	0	0	29
	Calshot** ...	3	14	1	0	23	0	0	20	1	0	0	0	0	20	0	0	0	0	29
	(Southampton) Lympne ...	9	10	1	1	20	1	0	13	3	0	0	2	1	20	0	0	0	0	29
2	Shoeburyness ...	1	12	4	0	22	0	1	10	5	0	0	0	0	21	0	0	0	0	26
	Gorleston ...	1	17	0	1	20	0	0	19	0	0	0	0	1	11	0	0	0	0	19
	Cranwell ...	5	14	1	1	22	0	2	20	2	0	0	0	0	14	0	0	0	0	23
3	Birmingham ...	1	14	0	0	20	0	0	19	1	0	0	0	1	16	0	0	0	0	30
	(Edgbaston)																			
4	Ross-on-Wye ...	0	20	0	0	21	5	0	23	1	0	0	0	0	23	0	0	0	0	29
5	The Lizard ...	2	26	0	1	29	0	0	28	0	0	1	1	0	27	0	0	1	1	27
7	Holyhead ...	4	17	0	1	19	4	1	13	7	0	0	0	1	24	0	0	0	0	27
8	Liverpool ...	0	22	0	0	21	1	1	20	1	0	0	0	3	18	0	0	0	0	26
	(Bidston)																			
10	Tynemouth ...	2	28	0	0	30	0	0	31	0	0	0	2	2	10	0	0	0	1	21
11	Inchkeith** ...	2	29	0	1	28	0	0	30	0	0	1	1	2	24	0	0	0	0	30
12	Renfrew (Abbotsinch)	3	19	1	0	24	3	0	21	6	0	0	0	1	17	0	0	0	0	25
	Eskdalemuir ...	12	11	0	3	27	0	2	25	1	0	0	0	0	19	0	0	0	0	28
13B	Stornoway	8	22	0	3	27	0	3	26	0	0	1	0	0	23	0	0	0	0	26
15	Aberdeen ...	10	12	1	4	22	0	4	22	0	0	0	2	0	17	0	0	0	0	26
18	Aldergrove ...	11	10	0	2	24	1	3	22	0	0	1	0	0	22	0	0	0	0	25
19	Dublin ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	(Phœnix Park) Birr Castle ...	0	21	0	0	26	0	0	29	0	0	0	0	0	31	0	0	0	0	31
20	Valentia ... (Cahirciveen)	9	15	0	8	19	2	8	16	4	0	0	1	0	25	0	0	0	0	30

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	No. of Reports.	S. Farnborough. Mean. °F.	No. of Reports.	Felixstowe. Mean. °F.	No. of Reports.
950	1830	57.4	58.3	46	64.4	17		
850	4840	47.0	49.8	46	52.8	18		
750	8180	38.2	40.5	46	44.5	17		
650	11920	27.2	29.5	46	34.6	7		
550	16170	12.8	15.9	44	20.9	5		

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	16	43	6	0	0	74	8	51	15	0	0	75	27	34	13	1	0	74	30	27	17	0	0	2,000
5,000	49	9	35	5	0	0	46	6	31	9	0	0	48	13	28	7	0	0	48	19	23	6	0	0	5,000
10,000	24	8	13	3	0	0	21	5	12	4	0	0	20	12	7	1	0	0	24	9	11	4	0	0	10,000
15,000	7	5	2	0	0	0	4	4	0	0	0	0	12	9	3	0	0	0	7	1	4	2	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.

METEOROLOGICAL OFFICE, AIR MINISTRY, Kingsway, London, W.C.2.

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

SUNSHINE, RAINFALL, AND HUMIDITY ..... JULY ..... 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.
1	London ... (Kew Obsy.)	0	3	5	6	17	15.2	8	1666	+201	281	+86	1880	334	1911	104	1888
	Croydon ...	0	4	5	7	15	15.4	5	1669	+119	288	+70	1922	297	1928	132	1927
	Calshot** ... (Southampton)	0	3	1	7	20	15.6	10	1946	+165	310	+81	1881	350	1911	116	1888
	Lympne ...	0	4	4	3	20	15.4	7, 10	1909	+133	299	+63	1921	304	1928	153	1927
2	Shoeburyness ...	1	4	4	6	16	14.4	6	1819	+103	278	+57	1919	311	1928	126	1919
	Gorleston ...	1	4	5	7	14	15.9	7	1727	+78	274	+68	1908	289	1911	103	1910
	Cranwell ...	1	4	7	4	15	14.6	8	1595	+45	259	+54	1921	265	1928	120	1932
3	Birmingham ... (Edgbaston)	0	4	7	7	13	15.3	8	1498	+200	245	+74	1887	271	1911	67	1887
4	Ross-on-Wye ...	0	5	4	6	16	15.6	8	1695	+115	271	+83	1915	256	1921	122	1927
5	Falmouth ... (Observatory)	0	3	7	4	17	15.4	3	1805	+80	276	+55	1881	346	1911	135	1890
7	Holyhead ...	1	4	5	7	14	15.4	3	1736	+191	255	+66	1914	244	1917	123	1920
8	Liverpool ... (Bidston)	2	6	3	6	14	15.2	3	1516	+60	244	+61	1908	284	1911	126	1912
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11	Inchkeith** ...	1	2	13	4	11	14.3	5	1439	+11	213	+42	1923	212	1926	100	1931
12	Renfrew (Abbotsinch)	1	8	4	5	13	15.2	3	1300	+102	231	+88	1921	186	1926	86	1931
	Eskdalemuir ...	3	6	9	6	7	15.1	3	1284	+80	187	+41	1910	199	1911	75	1931
13B	Stornoway ...	2	11	7	5	6	16.5	9	1319	+88	167	+19	1881	227	1917	79	1916
15	Aberdeen ...	0	7	11	7	6	15.6	9	1474	+144	186	+35	1881	239	1911	83	1931
18	Aldergrove ...	2	5	8	4	12	15.1	9	1356	*	217	*	1927	150	1927	97	1931
19	Dublin ... (Phœnix Park)	1	6	9	4	11	15.0	8	1520	+65	217	+45	1881	235	1898	93	1931
	Birr Castle ...	1	7	10	3	10	13.5	9	1459	+148	195	+47	1881	224	1911	94	1930
20	Valentia ... (Cahirciveen)	4	8	5	4	10	15.4	3	1569	+197	182	+24	1880	235	1918	71	1932

Stations.	Rainfall: ‡ Number of days with amount: 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. (mm.)	Difference from Average. (mm.)	Total for Month.‡ (mm.)	Difference from Average. (mm.)	Highest and Lowest Totals on record for Month: First year of record.	Highest. (mm.)	Year.	Lowest. (mm.)	Year.	Days with Thunder.	Days with Snow or Sleet.
London ... (Kew Obsy.)	22	3	2	2	1	1	33	18	395	-211	81	+26	1871	124	1880	4	1921	6	0
Croydon ...	22	1	5	2	1	0	20	22	468	-211	60	0	1921	100	1924	3	1921	6	0
Calshot** ... (Southampton)	24	2	4	1	0	0	7	11	437	-209	19	-22	1871	157	1888	3	1911	6	0
Lympne ...	21	5	4	1	0	0	11	24	518	-206	24	-30	1920	126	1927	8	1921	6	0
Shoeburyness ...	23	5	1	2	0	0	12	13	335	-145	23	-21	1920	81	1920	7	1921	3	0
Gorleston ...	22	5	2	1	0	1	59	13	572	-50	77	+18	1871	150	1875	7	1897	3	0
Cranwell ...	22	2	3	3	0	1	41	18	456	-134	75	+16	1917	251	1932	10	1921	4	0
Birmingham ... (Edgbaston)	21	3	5	2	0	0	8	29	469	-205	25	-34	1893	146	1922	7	1911	3	0
Ross-on-Wye ...	27	0	3	1	0	0	10	13	463	-255	17	-40	1859	197	1872	6	1911	4	0
Falmouth ... (Observatory)	24	3	2	2	0	0	9	13	802	-305	24	-48	1871	178	1924	8	1913	0	0
Holyhead ...	23	4	3	1	0	0	5	24	580	-308	11	-55	1871	197	1920	13	1878	2	0
Liverpool ... (Bidston)	21	7	2	1	0	0	7	13	407	-362	17	-49	1867	191	1872	6	1868	2	0
Tynemouth ...	20	5	3	1	2	0	22	14	701	+80	62	+1	1915	140	1926	24	1919	2	0
Inchkeith** ...	17	4	3	6	1	0	19	12	462	-92	77	+19	1870	142	1916	13	1913	3	0
Renfrew (Abbotsinch)	13	4	8	6	0	0	12	17	669	-256	59	-12	1921	113	1930	45	1925	0	0
Eskdalemuir ...	13	4	11	3	0	0	15	17	1072	-357	64	-40	1910	211	1932	25	1913	3	0
Stornoway ...	9	3	9	8	2	0	19	18	1030	-236	130	+53	1870	175	1871	22	1913	1	0
Aberdeen ...	15	3	11	2	0	0	6	26	713	-35	44	-27	1871	150	1918	14	1878	1	0
Aldergrove ...	16	4	8	2	0	1	45	13	639	*	80	*	1926	145	1932	65	1928, 1933	2	0
Dublin ... (Phœnix Park)	18	2	8	3	0	0	10	20	477	-228	45	-23	1877	140	1915	19	1878	3	0
Birr Castle ...	17	4	8	1	1	0	15	30	605	-224	46	-29	1872	186	1880	8	1863	1	0
Valentia ... (Cahirciveen)	13	5	10	2	1	0	25	19	1033	-381	69	-27	1870	221	1873	22	1898	2	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	0	1	7	8	10	4	1
Ross-on-Wye ...	0	0	0	2	6	14	5	3	1
Falmouth (Obsy.)	0	0	7	11	12	1	0	0	0
Renfrew ...	0	0	3	12	7	8	1	0	0
Eskdalemuir ...	0	1	3	9	9	6	3	0	0
Aberdeen ...	0	2	3	10	12	3	1	0	0
Valentia ...	1	5	7	11	3	1	3	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)	20	11	0	0	0	0	0	0	0	0
Ross-on-Wye	29	2	0	0	0	0	0	0	0	0
Renfrew ...	22	9	0	0	0	0	0	0	0	0
Eskdalemuir	10	21	0	0	0	0	0	0	0	0
Aberdeen ...	21	10	0	0	0	0	0	0	0	0
Valentia ...	19	12	0	0	0	0	0	0	0	0

CODE for State of Ground.

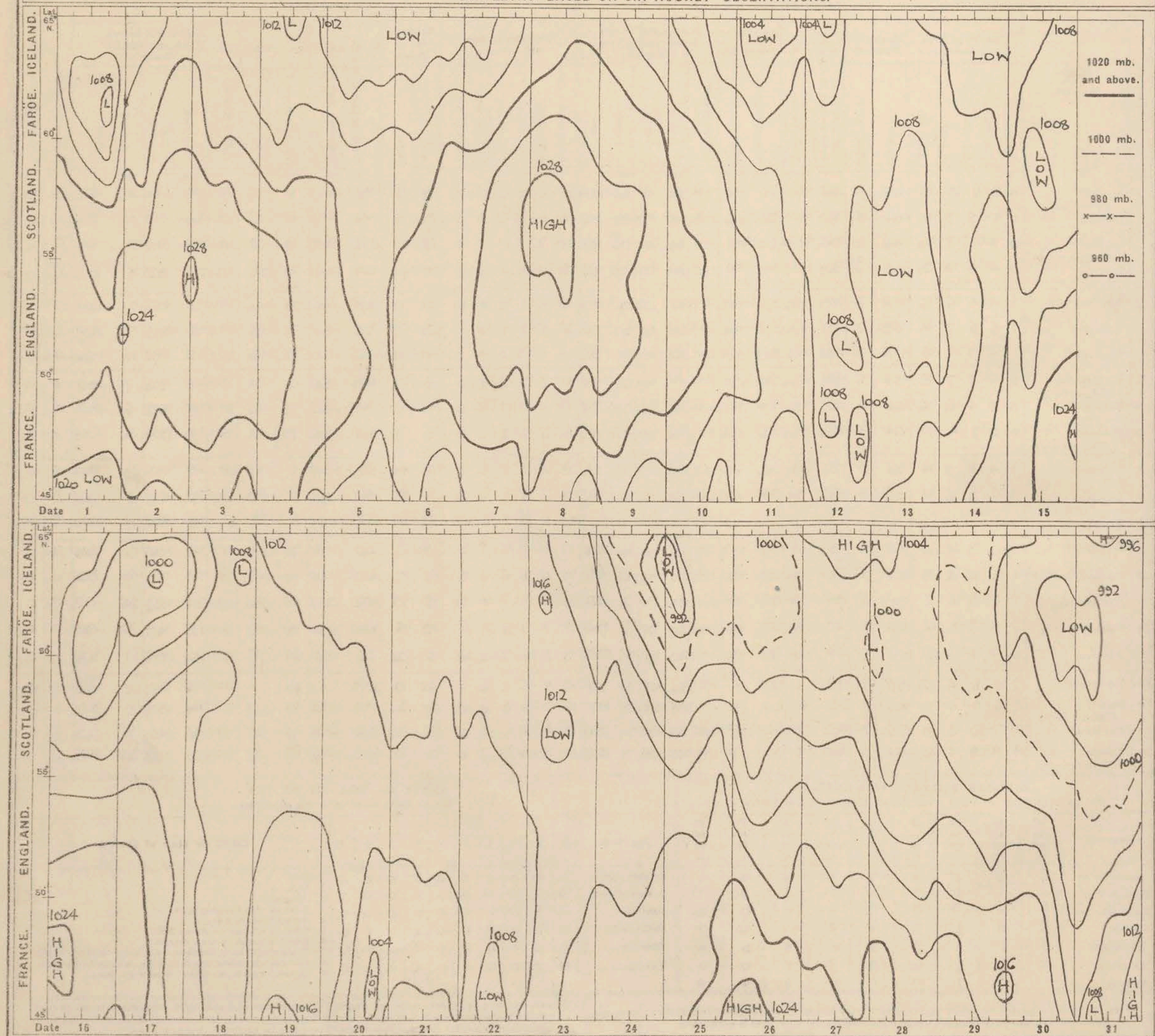
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow, greater than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

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

Ps.236/2766. Wt.8015. D.6004. Gp 308. 820. 9/34.

Page 1

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 1st July 1934.

No. 26519

OBSERVATIONS at 13h. G.M.T. 30th June

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)	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)...	1024·5	-6	NE	4	b	73	45	7	1	-	-	Tr.	Tr.	4000
	Croydon ...	1023·8	-10	NNE	4	b	73	55	8	1	-	-	Tr.	Tr.	2500
	S. Farnborough	1024·0	-6	N	3	b	76	45	8	-	-	1	0	Tr.	-
	Boscombe Down	1024·5	-2	NE'N	3	3₀	74	45	6	-	-	6	0	Tr.	-
	Calshot, S'thmtn	1023·9	-4	N'W	4	b	72	55	8	-	4	9	0	1	-
	Dungeness ...	*	*	NE	4	b	*	*	7	-	6	*	0	1	-
	Lympne ...	1023·8	+2	N'E	5	b	65	75	8	5	-	1	1	1	2500
2	Shoeburyness	1024·4	-4	NE	2	b	71	75	7	1	-	-	Tr.	Tr.	2500
	Felixstowe ...	1024·3	-2	N	3	bc	70	65	8	5	-	9	2-3	4-6	1500
	Gorleston ...	1024·8	0	N	5	bc	59	85	6	7	-	-	4-6	4-6	2500
	Cranwell ...	1025·5	-6	NE'N	3	c	76	45	7	7	-	6	1	7-8	4000
3	Birmingham ...	1025·5	-4	NNW	3	bc	73	55	6	1	-	-	2-3	2-3	2500
	Upper Heyford	1025·0	-8	NNE	3	b	76	45	8	-	-	1	0	1	-
4	Ross-on-Wye ...	1024·8	0	NNE	3	b	74	55	8	1	-	1	Tr.		4000
5	Portland Bill...	1024·1	0	N	3	b	76	75	7	-	-	-	0	0	-
	Plymouth ...	1025·2	-6	N	3	b	75	45	8	1	-	1	Tr.	1	4000
	The Lizard ...	1026·0	-2	N'W	3	bc	73	55	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	1027·8	0	N'E	4	b	64	85	8	-	4	2	0	1	-
	Guernsey ...	1024·3	-2	NE'N	2	3₀	67	65	6	-	-	8	0	2-3	-
6	Pembroke ...	1026·2	-4	N	3	bc	69	75	7	5	-	-	4-6	4-6	5700
7	Holyhead ...	1028·3	+2	NW	2	o	59	85	6	5	-	-	10	10	450
	Chester (Sealand)	1027·7	-4	NW	4	e	64	85	9	5	-	6	4-6	7-8	800
8	L'pool (Bidston)	1027·7	0	NW	4	bc	62	85	8	1	-	6	1	4-6	2500
	Manchester	1026·6	-2	NW	4	bc	72	75	7	1	-	2	Tr.	4-6	2500
9	Harrogate ...	1025·2	-6	E	1	c	74	65	8	7	-	-	9	9	4000
10	Spurn Head ...	1026·3	0	ESE	1	bc	62	95	6	-	1	1	0	4-6	-
	Catterick ...	1025·4	-4	NE	2	c	74	65	7	5	-	8	7-8	7-8	4000
	Tynemouth ...	1026·2	+4	SE	2	bc	65	75	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	1025·8	-8	SW	3	c	65	75	8	7	-	-	9+	9+	4000
	Leuchars ...	1025·8	+2	NW	3	c	73	55	9	1	-	1	7-8	7-8	4000
12	Renfrew (Abbotsinch)	1027·2	-2	WNW	2	e	65	75	8	7	-	-	9+	9+	1500
	Eskdalemuir ...	1025·7	-2	W'N	3	bc	71	55	8	1	-	1	4-6	4-6	2500
13A	Tiree ...	1027·7	+4	WSW	2	if	61	85	7	5	7	-	9+	10	220
13B	Stornoway ...	1026·6	+4	SE	2	F	55	95	1	5	-	-	10	10	<150
15	Dalwhinnie ...	1027·0	0	NW	1	c	65	65	8	4	2	-	4-6	10	4000
	Aberdeen ...	1026·4	+8	ESE	2	c	59	85	7	5	-	-	10	10	2500
	Wick ...	1025·8	+2	WNW	2	c	60	75	8	5	7	-	4-6	7-8	2600
16	Lerwick ...	1024·3	+2	W'N	3	c	55	85	8	5	7	-	7-8	9+	1500
17	Blacksod Point	1029·2	0	SW	2	c	60	85	9	7	-	-	10	10	1500
18	Malin Head ...	1028·2	+2	W	3	c	59	95	6	8	-	-	9+ (~~10~~)	9+ (~~10~~)	220
	Aldergrove ...	1028·5	-4	NNW	2	bc	68	75	8	7	5	1	4-6	4-6	2500
	Donaghadee ...	1028·5	+2	-	0	c	60	85	8	8	3	-	4-6	7-8	1500
19	Birr Castle ...	1029·2	-8	NW	2	bc	68	65	8	1	-	1	2-3	4-6	2500
20	Valentia Obsy.	1029·6	-4	NW	3	b	64	75	8	1	-	-	Tr.	Tr.	2500
	Roches Point...	1029·9	-6	SW	2	bc	68	75	8	1	3	-	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 30th June

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)...	1024·1	0	N'E	3	bc	76	35	8	-	-	1	0	2-3	-	0	*
	Croydon ...	1023·5	+2	NE'N	3	b	75	35	8	-	-	1	0	1	-	0	*
	S. Farnborough	1023·8	+2	NNE	2	bc	76	35	8	-	-	1	0	2-3	-	0	*
	Boscombe Down	1023·9	-2	NNE	3	bc	75	45	8	-	-	2	0	4-6	-	0	*
	Calshot, S'thmtn	1023·4	-4	N'W	4	bc	77	45	8	1	-	1	Tr.	2-3	4000	0	1
	Dungeness ...	*	*	NE	2	bc	*	*	7	-	8	*	0	2-3	-	*	1
	Lympne ...	1024·1	+4	NNE	4	bc	66	55	8	-	-	4	0	4-6	-	1	*
2	Shoeburyness	1024·3	0	ENE	3	bc	66	85	7	-	-	1	0	2-3	-	0	*
	Felixstowe ...	1024·0	-2	NNE	3	bc	66	65	8	-	-	1	0	4-6	-	0	1
	Gorleston ...	1024·6	-2	N'E	4	bc	62	75	7	-	-	6	0	4-6	-	0	2
	Cranwell ...	1025·3	+4	NE'E	2	bc	73	65	6	7	-	8	1	2-3	4000	0	*
3	Birmingham ...	1024·9	-2	NNW	3	c	71	75	8	-	7	-	0	7-8	-	1	*
	Upper Heyford	1024·8	0	NNE	2	bc	75	45	8	-	-	2	0	2-3	-	0	*
4	Ross-on-Wye ...	1024·2	-4	NNE	3	3₀	74	65	7	-	-	2	0	2-3	-	0	*
5	Portland Bill...	1023·7	-6	S	2	b	68	85	7	-	-	-	0	0	-	0	2
	Plymouth ...	1024·5	0	S	1	b	70	65	8	-	-	1	0	Tr.	-	0	0
	The Lizard ...	1025·6	-2	N'W	4	bc	69	65	8	7	-	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1026·9	-6	N	4	if	61	95	6	5	-	-	9+	9+	1500	0	2
	Guernsey ...	1023·8	-2	N	3	b	69	65	7	-	-	-	0	0	-	0	2
6	Pembroke ...	1025·3	-10	NNE	3	bc	66	75	7	-	8	9	0	4-6 (~~7-8~~)	-	0	2
7	Holyhead ...	1027·2	-6	NNW	2	bc	60	85	8	-	-	2	0	2-3	-	0	1
	Chester (Sealand)	1027·0	-2	NW	4	b	65	75	8	-	-	1	0	1	-	0	*
8	L'pool (Bidston)	1026·9	-2	WNW	3	b	63	85	8	-	-	1	0	Tr.	-	0	
	Manchester	1026·0	0	NW	4	b	69	75	8	4	-	1	Tr.	Tr.	4000	0	*
9	Harrogate ...	1025·2	0	SE	2	c	71	75	9	5	-	-	7-8	7-8	4000	0	*
10	Spurn Head ...	1025·7	-4	NE	3	bc	64	75	7	-	2	8	0	4-6	-	0	2
	Catterick ...	1025·7	+2	NE	2	bc	68	75	6	5	-	9	2-3	2-3	4000	0	*
	Tynemouth ...	1026·3	0	NNE	1	c	60	95	7	4	-	-	9+	9+	4000	0	1
11	Inchkeith ...	1025·1	-6	W	3	c	68	75	8	7	6	1	4-6	7-8	4000	0	2
	Leuchars ...	1026·3	+2	ENE	3	bc	63	75	8	7	-	1	1	2-3	4000	0	*
12	Renfrew (Abbotsinch)	1028·4	-6	NWW	3	c	69	75	8	7	-	1	7-8	7-8	2500	0	*
	Eskdalemuir ...	1025·6	-2	N'W	2	c	69	65	8	1	-	2	4-6	7-8	4000	1	
13A	Tiree ...	1027·7	-2	WSW	2	if	59	95	4	5	-	-	10	10	<150	1	1
13B	Stornoway ...	1026·1	-4	SSW	3	c	59	95	7	5	2	-	7-8	10	800	1	2
15	Dalwhinnie ...	1027·4	-2	NW	2	c	66	65	8	4	1	-	4-6	10	4000	0	
	Aberdeen ...	1027·0	+2	E'S	2	c	56	85	7	5	7	-	2-3	9+	1500	0	1
	Wick ...	1026·3	0	NE	2	bc	58	65	8	7	3	-	2-3	2-3	2500	0	1
16	Lerwick ...	1025·2	+6	W'N	3	c	55	75	3	8	7	-	7-8	8	1500	0	*
17	Blacksod Point	1028·5	-4	W	2	c	60	75	9	5	-	-	7-8	7-8	1500	0	2
18	Malin Head ...	1028·0	-4	W'S	2	c	59	95	7	8	-	-	10	10	220	0	0
	Aldergrove ...	1027·6	-2	NNE	1	bc	67	85	8	7	5	-	4-6	4-6	2500	0	
	Donaghadee ...	1028·2	-2	-	0	of	59	85	3	5	-	-	10	10	800	0	0
19	Birr Castle ...	1027·3	-6	NW	1	bc	72	55	8	1	-	-	2-3	2-3	2500	0	*
20	Valentia Obsy.	1028·6	-10	NW	3	b	64	75	9	1	-	-	Tr.	Tr.	2500	0	1
	Roches Point...	1027·9	-8	SE	2	bc	62	85	8	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS. Weather.

District	Stations	7h.–13h. 30th (37)	13h.–18h. 30th (38)	18h. 30th to 1h. 1st (39)	1h.–7h. 1st (40)
1	London (Kew)...	b	bybcy	bcy b	b3₀
	Croydon ...	bbc3₀b	by	bcybc	bcm₀bm
	S. Farnborough	by	by	by bc	bcw bc
	Boscombe Down	b3₀y	bby	b bc	bbcc
	Calshot, S'thmtn	bcyby	by	by pw	bw bc
	Dungeness ...	b	bc		bc
	Lympne ...	cm₀bq	bbcy	bcbv	bvb
2	Shoeburyness	cbc	b	b	bw
	Felixstowe ...	c3₀cbc	bc	bc	bc, off
	Gorleston ...	oid₀c	bc	bc3₀	boffd
	Cranwell ...	bbcyc	cybcb	bcm₀c	cm₀
3	Birmingham ...	bbc	bcc	bcc	cbc
	Upper Heyford	b3₀y	bcy	bcy	bccm₀
4	Ross-on-Wye ...	b	bybcy	bcc b	bwcbc
5	Portland Bill...	b	b	b	b
	Plymouth ...	bbcy	by	b	bw
	The Lizard ...	bcy	bc	bcb	b
	Scilly (St. Mary's)	b	bbcc	bcize	bbcw
	Guernsey ...	b3bc	bc3b	b	b
6	Pembroke ...	bc	bc	bc	bcb
7	Holyhead ...	cwom₀	obcm₀	bcbw	bw
	Chester (Sealand)	coc	bcb	bwm	bFf cm
8	L'pool (Bidston)	cobc	b	b	co
	Manchester	f₀b⊕	b	bw	bbcmw
9	Harrogate ...	bbcc	cbc	c	c
10	Spurn Head ...	bc	bc	bcf	ffw
	Catterick ...	bcc	cbcbm₀	bz	cmw
	Tynemouth ...	bc	bcc	cbc	bcoff
11	Inchkeith ...	c	c	cFFc	FFd
	Leuchars ...	cvbc⊕	cybcb	boff	ffo m₀
12	Renfrew (Abbotsinch)	cd₀c	c	cbc	bc wc
	Eskdalemuir ...	c	bcybc	bc	cm₀
13A	Tiree ...	fcif	ifcif	if d₀	ifc
13B	Stornoway ...	FFc	ff-c	c	cd₀
15	Dalwhinnie ...	c	c		c
	Aberdeen ...	c	c3₀c	cbcc	co
	Wick ...	c	cbc	c	c
16	Lerwick ...	c	c	c	cd₀dm
17	Blacksod Point	cbc	bc	bc	pf₀
18	Malin Head ...	c	c	cpdm	c
	Aldergrove ...	od₀d₀bc	bc	bcc	c
	Donaghadee ...	oc	coff	off	offc
19	Birr Castle ...	cbc	bcy	bc	bco
20	Valentia Obsy.	bcob	b	bbcc	c
	Roches Point...	cbc	bc	bcc	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/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. – rain. s, snow.
rs, sleet. ‥ 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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

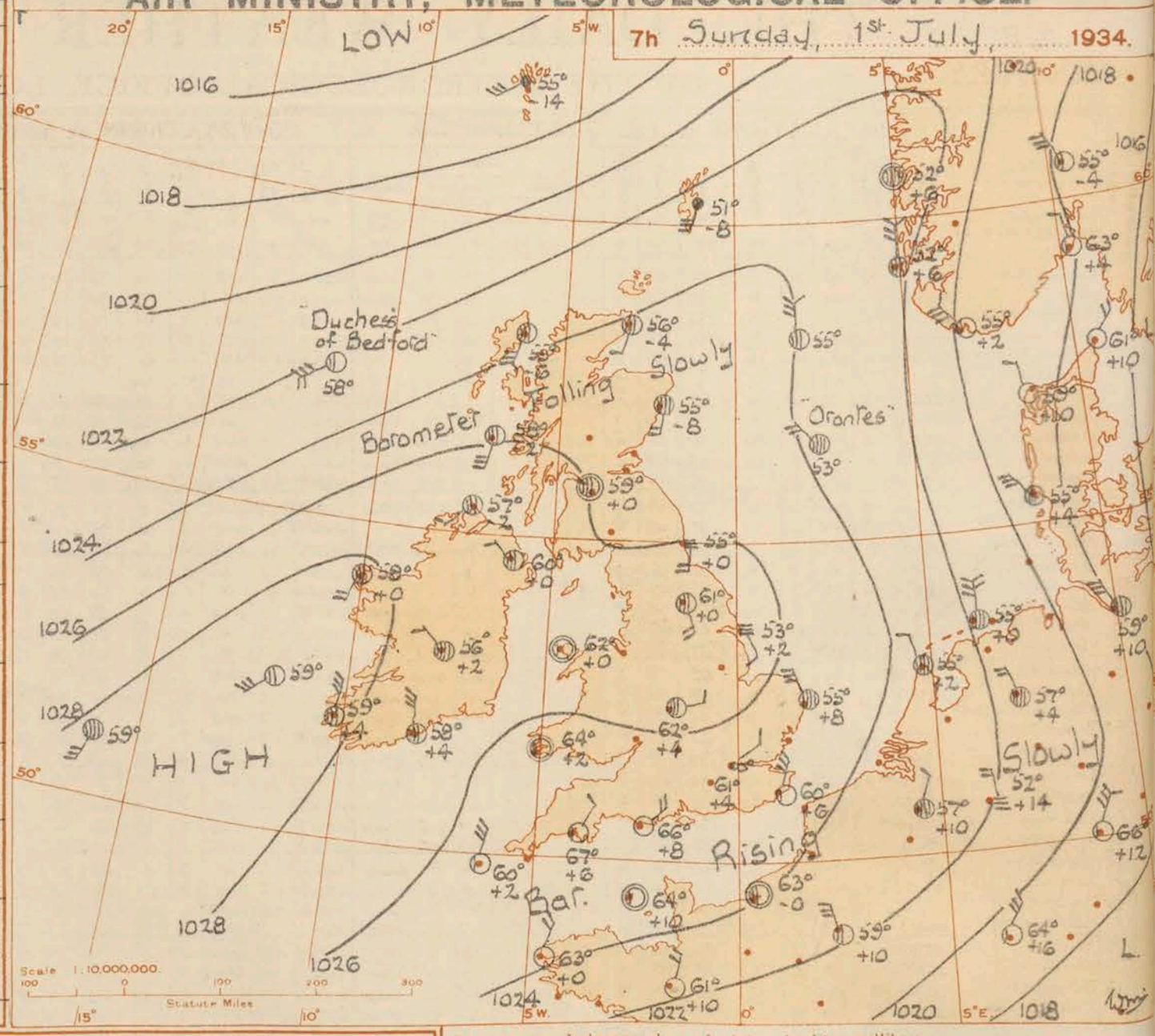
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 30th June 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 29th to 9h. 30th	Temperature. Max. 9h.—17h. 30th	Rainfall. Night. 17h. 29th to 9h. 30th	Rainfall. Day. 9h.—17h. 30th	Sunshine. Sunrise to 17h. 30th	Sunshine. Sunrise to Sunset. 29th
1	Tunbridge W.	bcb	b	52	76	-	-	10·1	9·9
	Bournemouth	b	b	54	81	-	-	12·0	11·7
	Ventnor ...	b	b3	54	77	-	-	12·2	13·9
	Southsea ...	b	b	56	81	-	-	12·1	12·8
	Bognor Regis	b	b	55	77	-	-	12·3	12·7
	Littlehampton	b	bcb	53	80	-	-	11·9	11·1
	Worthing ...	b	b	53	78	-	-	12·4	12·6
	Brighton ...	bc	bc	53	80	-	-	12·0	14·0
	Eastbourne†	b	b	54	75	-	-	11·5	12·4
	Hastings† ...	b	b	54	73	-	-	11·3	11·6
	Folkestone ...	bcb	b	56	70	-	-	12·0	11·3
	Dover... ...	bc	bcy	57	68	-	-	11·6	10·3
	Deal	oc	cb	56	65	-	-	3·8	6·9
	Ramsgate	c	cbcb	56	63	-	-	4·3	8·0
	Margate ...	c	bc	56	61	-	-	3·8	8·4
2	Southend ...	cbcb	b3	55	75	-	-	7·9	9·4
	Maldon	cb	b	54	73	-	-	7·8	8·6
	Clacton-on-Sea	cbc	bc	55	71	-	-	7·5	9·7
	Dovercourt ...	bcc	bcy	55	72	-	-	6·9	7·4
	Lowestoft ...	od,c	bc	54	61	Trace	-	5·2	4·2
	Skegness ...	bcb	b	49	63	-	-	10·5	6·0
	Mablethorpe	c	bc	49	59	-	-	9·0	4·1
	Cleethorpes...	b	b	51	68	-	-	12·0	6·7
3	Leamington S.	b	b	50	79	-	-	11·2	5·9
4	Cheltenham†	b3	bq3	51	79	-	-	11·5	6·7
5	Bath	b	b	52	79	-	-	11·6	7·3
	Weymouth ...	b	b	55	79	-	-	12·1	13·1
	Jersey ...	b	b	58	73	-	-	12·0	14·5
	Torquay ...	by	by	54	77	-	-	12·3	14·5
	Penzance ...	b	b	55	72	-	-	11·6	9·7
	St. Ives ...	b	b	57	63	-	-	8·8	5·8
	Bude	wb	b	46	67	-	-	11·8	11·6
	Ilfracombe ...	b	b	53	71	-	-	12·6	10·3
6	Aberystwyth	cbc	bcc	49	67	-	-	12·2	15·6
7	Llandudno ...	bcb	bcb	51	64	-	-	7·2	10·7
	Colwyn Bay...	cobcb	bccbc	53	68	-	-	3·6	11·9
	Rhyl	cbcb	bcb	48	64	-	-	6·0	13·6
8	Wallasey ...	cbcb	b	56	65	-	-	5·1	15·9
	Southport‖ ...	oc	cb	55	67	-	-	5·7	14·7
	Blackpool ...	cbc	bbc	56	66	-	-	8·2	15·8
	Morecambe ...	bbc	b	52	69	-	-	9·5	15·8
9	Ilkley... ...	b	bbcc	49	78	-	-	6·2	11·7
10	Berwick-on-T.	bcc	cbc	55	69	-	-	5·5	12·1
11	Dunbar ...	bc	bc	57	73	-	-	6·0	10·8
12	Troon... ...	coc	cbc	57	62	-	-	1·3	9·3
	Douglas ...	bc	bc	57	70	-	-	10·9	12·1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 5/10 clouded. ◑ Sky 5/10 to 8/10 clouded. ◑ Sky 8/10 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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st July, 1934.
1 S.E. England 2. E. England...	Light northerly wind, moderate on coast; considerable cloud on coast; otherwise fine or fair, warm.
3. E. Midlands	Light northerly wind; fine and warm.
4. W. Midlands	As 6 - 8.
5. S.W. England	Light to moderate northeasterly wind; fine and warm.
6. South Wales 7. North Wales 8. N.W. England	Light variable wind; fine and warm.
9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light to moderate west to southwest wind; bright periods; rather warm or warm.
13. A. W. Scotland B. N.W. Scotland	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate southwest wind, fresh locally; cloudy, occasional local drizzle or slight rain.
17. N.W. Ireland 18. N.E. Ireland	As 9 - 13A.
19. S.E. Ireland 20. S.W. Ireland	Wind variable, light or moderate; fair; rather warm.

GENERAL INFERENCE.

An anticyclone to southwest of Ireland extends over the British Isles to Norway. Except for local drizzle or slight rain in the extreme Northwest weather will be fair or fine.

FURTHER OUTLOOK.

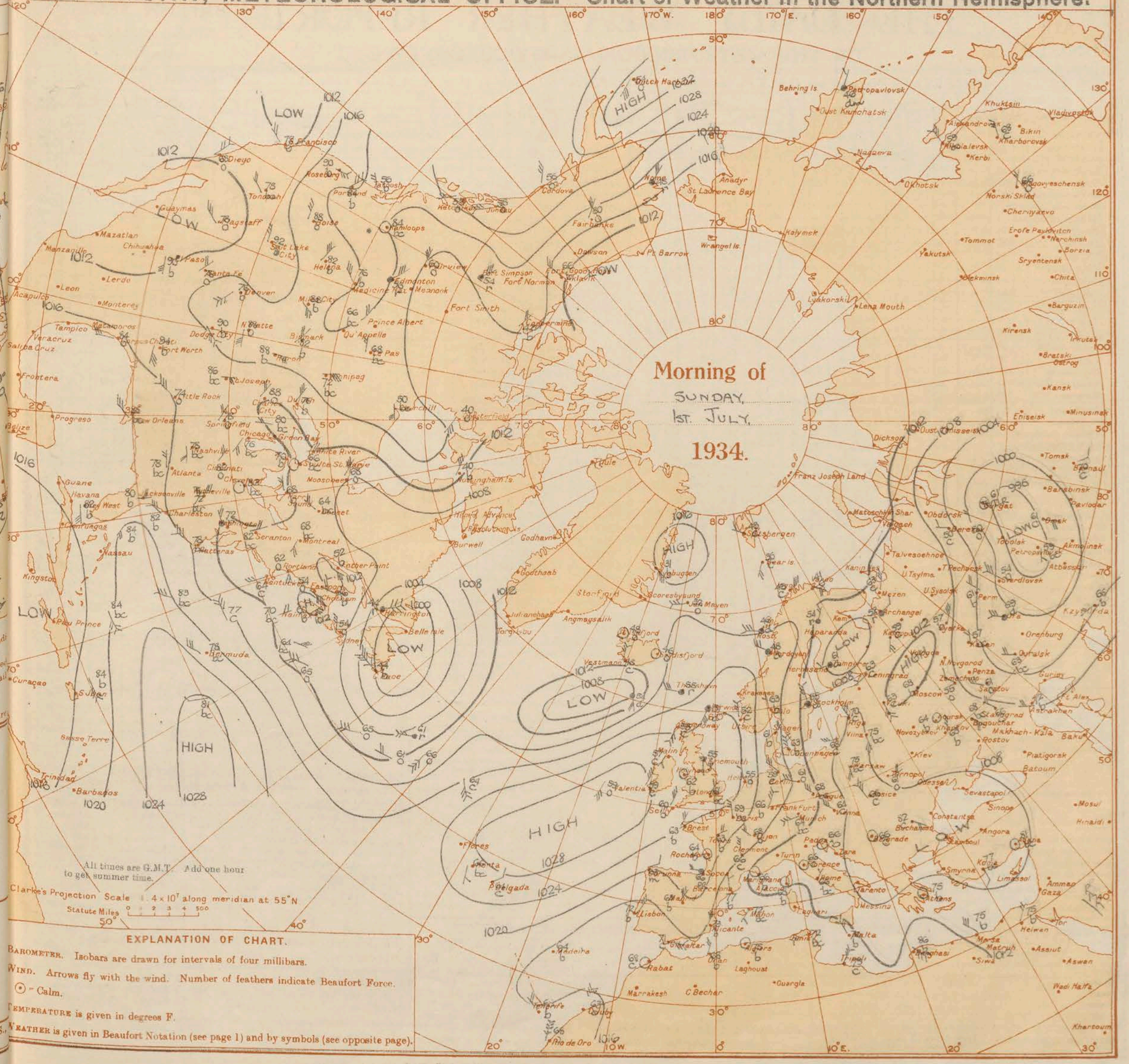
Rather unsettled in the Northwest; mainly fair elsewhere.

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 Ps 247/274 (1) Wt. 8016, D.6001, Gp. 9 PIM 6/34

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 1st July 1934.

No. 26519

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

Distrct.	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	1025·5	+6	-	0	bc	57	95	6	-	-	1	0	2·3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1025·4	-2	N'E	2	b	56	85	8	-	-	1	0	Tr	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1025·2	+2	NW	2	b	56	85	6	-	-	-	0	0'	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1024·7	+4	NE	2	b	64	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1025·0	0	N'E	4	b	62	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1026·2	-6	N'E	4	b/f	57	95	6	-	-	-	0	0	-
	Guernsey ...	175	1025·1	+6	-	0	b	58	85	7	-	-	-	0	0	-
6	Pembroke ...	142	1025·6	0	ENE	1	bc	60	85	7	5	-	-	2·3	2·3	4000
7	Holyhead ...	26	1026·6	-4	NW	1	b	56	95	8	-	3	1	0	1	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1026·5	0	NE	2	of	56	95	1	5	-	-	10	10	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026·3	-4	-	0	bc	57	95	7	2	-	-	2·3	2·3	2500
11	Inchkeith ...	190	1026·4	+2	ENE	2	of	54	95	1	5	-	-	10	10	<150
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1024·7	-10	SSW	2	c	55	95	6	8	2	-	4·6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1025·5	-10	SSW	2	c	52	95	8	5	1	-	7·8	10	1500
16	Lerwick ...	54	1024·6	-4	SW	2	c	51	95	8	5	1	-	7·8	9+	1500
17	Blacksod Point	18	1028·0	-2	-	0	c	55	95	8	-	7	-	0	7·8	-
18	Malin Head ...	52	1027·1	-6	-	0	c	56	95	7	8	-	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1028·4	-10	NW	2	c	57	95	8	9	-	-	10	10	2500
	Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distrct.	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. Amounts. Low 0-10 (26)	Cloud. Amounts. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew) ...	1026·4	+10	NE'N	2	b	61	75	6	-	3	-	0	1	-	0	*
	Croydon ...	1025·9	+4	ENE	1	3o	61	85	6	1	-	-	2·3	2·3	2500	0	*
	S. Farnborough	1025·8	+8	N	1	bc	63	75	7	-	8	1	0	4·6	-	0	*
	Boscombe Down	1025·8	+4	NNW	1	c	60	85	6	-	3	-	0	7·8	-	0	*
	Calshot (S'thmtn)	1025·3	+6	NNW	2	bc	62	85	6	5	4	-	4·6	4·6	4000	0	1
	Dungeness ...	*	*	NNE	1	bc	*	*	7	5	7	*	2·3	4·6	4000	*	0
	Lympne ...	1025·7	+6	N'E	3	b	60	75	8	1	-	1	Tr.	1	4000	1	*
2	Shoeburyness	1026·0	+4	NE	2	b	62	85	7	1	-	1	Tr.	1	4000	0	*
	Felixstowe ...	1025·7	+12	N'E	2	3o	55	95	6	5	-	-	10	10	450	0	0
	Gorleston ...	1025·5	+8	NNW	3	old	55	95	6	6	-	-	10	10	1500	0	2
	Cranwell ...	1026·7	+6	NE	1	bc	62	85	6	7	-	-	4·6	4·6	4000	0	*
3	Birmingham ...	1026·5	+4	E	1	c	62	85	7	-	3	-	0	9	-	0	*
	Upper Heyford	1026·3	+4	NE	1	c	63	85	6	5	-	-	9+	9+	2500	0	*
4	Ross-on-Wye ...	1025·9	-4	NNW	2	3o	61	95	7	5	-	-	Tr.	Tr.	4000	0	*
5	Portland Bill ...	1025·4	+8	NE	2	b	66	75	7	-	-	-	0	0	-	0	2
	Plymouth ...	1025·2	+6	NE	1	b	67	75	8	-	-	1	0	Tr.	-	0	0
	The Lizard ...	1025·5	+4	NE'E	3	b	65	75	8	-	-	-	0	0	-	0	2
	Scilly (St. Mary's)	1025·9	+2	NNE	3	b	60	95	7	1	-	-	Tr.	Tr.	4000	0	2
	Guernsey ...	1025·0	+10	-	0	b	64	85	7	-	-	-	0	0	-	0	2
6	Pembroke ...	1025·2	+2	-	0	b	64	85	7	-	3	-	0	1	-	0	1
7	Holyhead ...	1026·3	0	-	0	b	62	85	8	1	4	-	Tr.	1	4000	0	0
	Chester (Sealand)	1026·3	+2	-	0	3o	59	95	6	5	-	-	2·3	2·3	1500	0	*
8	L'pool (Bidston)	1026·4	0	W'S	2	0	58	95	6	5	-	-	10	10	1500	0	*
	Manchester	1026·3	0	-	0	3o	61	95	5	5	-	-	4·6	4·6	450	0	*
9	Harrogate ...	1026·5	0	SSE	2	c	61	85	6	-	3	-	0	9	-	0	*
10	Spurn Head ...	1027·3	+2	SSE	1	f-	53	95	3	5	-	-	10	10	<150	0	1
	Catterick ...	1026·0	-2	-	0	m	58	95	4	5	-	-	9+	9+	2500	1	*
	Tynemouth ...	1026·0	0	S	2	of	55	95	2	5	-	-	10	10	1500	0	0
11	Inchkeith ...	1026·1	-2	ENE	1	f-	55	95	2	5	-	-	10	10	<150	1	*
	Leuchars ...	1026·1	-2	-	0	0	56	95	6	5	-	-	10	10	450	0	*
12	Renfrew (Abbotts I)	1025·9	0	-	0	c	59	95	8	5	-	-	9+	9+	1500	0	*
	Eskdalemuir ...	1025·7	-2	-	0	c	58	95	6	5	-	-	9	9	800	1	*
13A	Tiree	1025·8	-2	SW	3	c	58	95	9	5	7	-	Tr.	9+	800	1	2
13B	Stornoway ...	1023·5	-6	SSW	4	c	55	85	8	8	2	-	4·6	10	1500	1	2
15	Dalwhinnie ...	1025·9	-6	W	2	c	58	85	8	4	4	1	4·6	7·8	800	0	*
	Aberdeen ...	1025·0	-8	S	2	0	55	95	7	5	-	-	10	10	2500	0	1
	Wick	1023·7	-4	SSW	1	c	56	95	7	5	1	-	7·8	9+	1500	0	1
16	Lerwick ...	1022·4	-8	SSW	3	d.d.	51	95	4	5	-	-	10	10	220	1	*
17	Blacksod Point	1028·3	0	SW	2	c	58	85	8	8	-	-	9+	9+	1500	0	2
18	Malin Head ...	1026·7	-2	SW	1	c	57	95	8	5	5	9	1	9	2500	0	0
	Aldergrove ...	1027·2	0	NW	1	c	60	95	7	5	-	-	9+	9+	800	0	*
	Donaghadee ...	1026·7	0	-	0	c	57	95	7	5	-	-	7·8	7·8	1500	0	0
19	Birr Castle ...	1027·3	+2	NW	1	0	56	95	7	5	-	-	10	10	2500	0	*
20	Valentia Obsy.†	1028·1	+4	N'E	3	c	59	85	9	5	-	-	9+	9+	2500	0	1
	Roches Point ...	1027·0	+4	N	3	c	58	85	8	3	-	-	7·8	7·8	2500	0	2

PAST 24 HOURS.

Distrct.	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 30th Hrs. (36)
1	London (Kew) ...	76	57	46	-	-	14·7
	Croydon ...	76	53	48	-	-	13·7
	S. Farnborough	79	50	41	-	Tr.	14·8
	Boscombe Down	77	54	49	-	-	14·4
	Calshot (S'thmtn)	79	58	53	-	-	14·8
	Dungeness ...	70	52	*	-	-	*
	Lympne ...	68	51	50	-	-	10·2
2	Shoeburyness	72	51	41	-	-	9·4
	Felixstowe ...	71	49	46	-	-	8·8
	Gorleston ...	63	52	50	-	Tr.	7·4
	Cranwell ...	79	53	48	-	-	13·7
3	Birmingham ...	76	60	55	-	-	10·2
	Upper Heyford	78	54	49	-	-	*
4	Ross-on-Wye ...	77	56	50	-	-	13·8
5	Portland Bill ...	78	59	*	-	-	*
	Plymouth ...	77	58	47	-	-	14·9
	The Lizard ...	74	60	*	-	-	*
	Scilly (St. Mary's)	65	56	*	-	0·1	14·9
	Guernsey ...	70	55	50	-	-	14·8
6	Pembroke ...	70	59	*	-	-	14·6
7	Holyhead ...	68	55	50	-	-	5·3
	Chester (Sealand)	67	50	46	-	-	11·2
8	L'pool (Bidston)	63	58	56	-	-	8·1
	Manchester	73	53	48	-	-	12·2
9	Harrogate ...	75	56	51	-	-	10·7
10	Spurn Head ...	68	51	*	-	Tr.	13·7
	Catterick ...	76	52	49	-	-	10·7
	Tynemouth ...	69	54	53	-	-	*
11	Inchkeith ...	71	54	54	-	1	10·7
	Leuchars ...	73	54	54	-	0·1	11·7
12	Renfrew (Abbotts I)	69	51	47	Tr.	-	3·2
	Eskdalemuir ...	72	49	45	-	-	11·5
13A	Tiree	62	54	53	Tr.	Tr.	0·2
13B	Stornoway ...	62	54	*	0·1	Tr.	0·0
15	Dalwhinnie ...	69	43	36	-	-	1·8
	Aberdeen ...	67	54	52	-	-	1·4
	Wick	65	52	*	-	-	*
16	Lerwick ...	58	51	*	-	Tr.	1·3
17	Blacksod Point	61	53	*	-	Tr.	*
18	Malin Head ...	62	55	*	-	Tr.	1·4
	Aldergrove ...	72	57	57	0·1	-	7·1
	Donaghadee ...	65	51	*	-	-	*
19	Birr Castle ...	72	52	42	-	-	8·8
20	Valentia Obsy.†	67	58	54	Tr.	-	14·3
	Roches Point ...	71	56	*	-	-	*

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.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	b	by bcy	bcy b3o	76	57	46	-	-	14·7	*	*	7
Croydon	217	bf c3o b	by	bcy bm	76	53	48	-	-	13·7	*	*	4
Greenwich (Royal Observatory) ...	149	cb	by	bm.	78	56	43	-	-	12·5	49	68	7
City (Bunhill Row)	—	*		*	*	*	*	*	*	14·2	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	78	58	54	—		14·6	98	75	*
‡Regents Pk. (Botanic Gardens) ...	189	*	*	*						14·4			*
Camden Square	110	b	b	*	79	57	50	-	-	*	*	65	*
Kensington	80	b	bc	*	78	55	49	-	-	14·6	At 18h. 54	65	*
Hampstead Observatory	450	b	b	bc	75	54	49	-	-	14·4	*	72	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 1st

South Kensington. Max.	Time.	Min.	Time.
0·3	7h 15m	0·0	17h 30m

Kew Observatory. Max.	Time.	Min.	Time.
0·3	22-24h 30m	<0·1	15-18h 30m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 30th June. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 1st July. 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	1018·3	NNW	5	b	77	1022·2	NNW	3	bc	59	81	57	-	-
Brussels	1019·0	N'W	1	b	73	1023·2	NNE	1	o	57	81	54	-	Tr.
Berlin	1012·9	NNE	3	bc	82	1015·7	NW'W	4	o	61	86	59	-	-
Zürich	1013·0	ESE	1	c	68	1016·6	NNE	1	b	61	79	?	4	?
Rome						1010·6	NE	1	bc	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	1½ miles.
5	Poor visibility	2½ ,,
6	Moderate ,,	6½ ,,
7	Good ,,	12½ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 2nd July 1934.

No. 26520

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1025.3	-10	NNE	3	bc	74	45	8	7	-	5	4-6	4-6	4000
	Croydon	1024.8	-10	NNE	2	bc	75	55	8	1	-	1	1	2-3	4000
	S. Farnborough	1024.9	-8	NNE	2	bc	78	45	8	1	-	-	4-6	4-6	4000
	Boscombe Down	1025.3	-2	NNE	1	c	74	65	7	7	-	-	9+	9+	4000
	Calshot, S'thmtn	1024.2	-6	NNW	2	bc	75	55	8	7	-	-	4-6	4-6	800
	Dungeness	*	*	NE	3	bc	*	*	7	7	7	*	4-6	4-6	4000
	Lympne	1025.1	-2	NNE	2	bc	65	75	8	1	-	1	4-6	4-6	2500
2	Shoeburyness	1026.1	-4	E'S	2	bc	65	85	7	1	-	-	4-6	4-6	1500
	Felixstowe	1026.1	-2	ENE	4	b	63	65	7	1	-	1	Tr	Tr	1500
	Gorleston	1026.0	0	NNE	3	c	59	75	7	5	-	-	9+	9+	2500
	Cranwell	1025.8	-6	SE'E	2	bc	77	55	8	1	-	-	2-3	2-3	4000
3	Birmingham	1025.1	-4	SSE	1	c	73	65	6	7	-	-	7-8	7-8	4000
	Upper Heyford	1025.6	-6	-	0	c	75	65	8	5	-	-	9	9	4000
4	Ross-on-Wye	1024.4	-6	N	2	bc	77	55	7	1	3	-	4-6	4-6	4000
5	Portland Bill	1025.7	0	NNE	2	b	64	85	7	-	-	-	0	0	-
	Plymouth	1025.7	-2	S	3	b	66	85	8	2	-	1	1	1	4000
	The Lizard	1025.9	0	E'S	3	b	71	75	7	1	-	-	1	1	4000
	Scilly (St. Mary's)	1026.2	0	NE	2	b	69	85	7	5	-	-	Tr	Tr	2500
	Guernsey	1025.7	0	ENE	2	bc	68	65	7	-	3	1	0	2-3	-
6	Pembroke	1024.9	0	WNW	1	b	66	75	7	8	-	-	Tr	Tr	4000
7	Holyhead	1026.2	-2	NW'N	3	bc	61	85	8	2	-	-	2-3	2-3	4000
	Chester (Sealand)	1026.2	-2	NW	4	bc	69	75	8	7	-	-	2-3	2-3	2500
8	L'pool (Bidston)	1026.5	+2	NW	3	b	64	85	8	1	-	-	1	1	5700
	Manchester	1024.9	-14	WNW	3	b	75	65	7	1	-	-	1	1	2500
9	Harrogate	1024.9	-6	S'E	1	c	69	75	6	6	2	-	9	10	2500
10	Spurn Head	1027.0	-2	SSE	2	c	58	85	6	5	2	-	2-3	10	800
	Catterick	1024.3	-10	S	3	c	71	75	6	5	-	-	9+	9+	2500
	Tynemouth	1024.8	-8	SSE	2	c	58	95	6	5	-	-	7-8	7-8	1500
11	Inchkeith	1024.1	-10	WSW	2	bc	68	75	8	-	5	6	0	4-6	-
	Leuchars	1023.3	-18	SSW	2	bc	71	65	8	1	8	9	2-3	4-6	2500
12	Renfrew (Abbotts.)	1024.3	-10	W	3	bc	69	65	9	1	8	-	1	4-6	4000
	Eskdalemuir	1023.7	-8	SW'W	3	bc	71	65	8	1	8	1	4-6	4-6	2500
13A	Tiree	1024.9	0	SW	4	c	59	85	8	5	1	-	4-6	10	800
13B	Stornoway	1021.4	-4	WSW	4	c/d	58	85	7	8	7	-	4-6	7-8	1500
15	Dalwhinnie §	1022.9	-10	W	3	bc	67	55	8	4	1	1	2-3	4-6	4000
	Aberdeen	1022.0	-18	S'E	3	c	69	75	8	8	3	-	2-3	7-8	2500
	Wick	1022.0	-14	ENE	2	c	56	95	8	8	7	-	4-6	7-8	1500
16	Lerwick	1019.9	-18	WSW	4	c	56	85	8	5	3	9	4-6	9	1500
17	Blacksod Point	1027.5	+2	SW	2	c	62	85	8	5	-	-	9+	9+	1500
18	Malin Head	1026.0	-2	W	3	c	59	95	8	8	3	-	9	9+	1500
	Aldergrove	1026.4	-2	WSW	2	c	65	75	8	5	3	-	7-8	9+	1500
	Donaghadee	1026.1	-4	SE	1	bc	59	85	7	8	3	2	4-6	4-6	2500
19	Birr Castle	1027.1	-2	NW	1	c	66	75	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1028.4	+2	NW'N	4	c	65	75	9	7	-	-	9	9	5700
	Roches Point	1027.4	+2	N	3	c	62	85	8	3	-	-	7-8	7-8	2500

OBSERVATIONS at 18h. G.M.T. 1st July — PAST 24 HOURS

Stations	Barom. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 1st (37)	13h.–18h. 1st (38)	18h. 1st to 1h. 2nd (39)	1h.–7h. 2nd (40)
London (Kew)	1023.8	-6	N'W	2	bc	77	45	8	1	-	-	2-3	2-3	4000	0	*	bc	bcy	bcyb	bcmo
Croydon	1023.3	-8	E'S	2	b	75	55	8	1	-	-	1	1	4000	0	*	bmo3obcy	bbcy	byb	bcmo
S. Farnborough	1023.8	-2	N'E	1	bc	77	55	8	1	7	-	4-6	4-6	4000	0	*	bcy	bcy	bcybbw	bwbc
Boscombe Down	1024.0	-6	-	0	bc	75	65	7	7	-	8	2-3	4-6	4000	0	*	cbcc	ccybc	bc	bcmo
Calshot, S'thmtn	1025.0	0	SW'S	3	b	68	65	7	-	6	-	0	Tr	-	0	1	bbcy	bc3ob	bbw	bcwbmo
Dungeness	*	*	E	3	bc	*	*	7	-	8	*	0	2-3	-	*	3	c	c	*	bc
Lympne	1025.4	-2	ENE	2	b	62	85	8	-	-	1	0	1	-	0	*	b, cbc	bcb	bifb	bff
Shoeburyness	1025.3	-4	E'S	2	b	60	85	7	-	-	1	0	1	-	0	*	cbc	bc	b	bwbcmo
Felixstowe	1025.4	-4	ESE	2	bc	59	85	8	5	-	1	4-6	4-6	800	0	1	omob	bbc	bcc	cb3o
Gorleston	1025.1	-4	E'S	1	bc	58	75	7	5	-	-	2-3	2-3	2500	0	2	ocbcc	cbc	bcc	cbcw
Cranwell	1024.1	-12	ESE	3	bc	73	65	8	5	-	-	2-3	2-3	4000	0	*	bcbbc	by	bbcmo	bcmo
Birmingham	1023.4	-8	NW	1	c	75	55	8	8	3	-	4-6	7-8	4000	0	*	cbc	cbc	cbc	bcc
Upper Heyford	1024.0	-8	S	1	b	76	65	8	5	-	-	Tr	Tr	4000	0	*	cbcc	cb	bc	bcbmo
Ross-on-Wye	1023.4	-6	W	1	c	76	65	7	8	-	-	7-8	7-8	4000	0	*	b3obc	bcyc	bcb	bw
Portland Bill	1024.9	-4	SW	1	bc	63	95	7	4	7	1	2-3	4-6	2500	0	2	b	bbc	cbc	b3o
Plymouth	1025.0	+2	S	2	b	67	65	8	2	-	1	1	1	4000	0	1	b	b	b	bw
The Lizard	1025.5	-2	W'S	1	b	67	75	7	-	-	-	0	0	-	0	1	b	b	b	bbc
Scilly (St. Mary's)	1026.2	0	N'W	3	b	65	85	7	-	-	-	0	0	-	0	1	b	b	bifw	bw
Guernsey	1025.4	-6	N	2	b	67	65	8	-	-	-	0	0	-	0	2	bbc	bcb	bw	bwbcz
Pembroke	1024.1	-4	ENE	1	b	69	65	7	8	-	-	Tr	Tr	4000	0	1	b	b	b	bcfmo
Holyhead	1026.1	-2	WNW	1	c	60	85	8	1	3	-	Tr	9	4000	0	0	bwb	bbcc	cbw	bwc
Chester (Sealand)	1026.0	+4	NW	4	c	63	85	8	5	-	-	7-8	7-8	4000	0	*	mobcb	bbc	bc	bcmow
L'pool (Bidston)	1026.2	-2	NW	3	bc	65	75	8	1	4	-	1	2-3	5700	0	*	obcb	bbc	b	b, cbc
Manchester	1025.1	+2	NW	4	b	68	65	8	1	4	9	Tr	Tr	4000	0	*	bcmob	by	bw	bw
Harrogate	1024.0	-6	SW	3	bc	71	65	7	-	8	-	0	2-3	-	0	*	cbcg	cbc	bcb	b
Spurn Head	1024.4	-6	SSE	4	bc	58	95	7	-	2	9	0	4-6	-	0	3	fdc	cbc	ifcw	bc
Catterick	1023.4	+2	NW'W	2	c	69	75	7	5	-	-	9+	9+	2500	0	*	b3oc	c3oc	cbc	bwbc
Tynemouth	1022.1	-10	W	2	bc	70	65	6	9	-	-	4-6	4-6	1500	0	1	offc	cbc	bc	bc
Inchkeith	1023.8	+6	W	4	c	61	85	8	2	7	-	2-3	7-8	2500	0	2	3obc	bcc	cbc	bcc
Leuchars	1022.8	+4	W	4	c/pr	64	65	9	7	3	1	7-8	9	5700	0	*	omdobc	bqypro	cxbw	bwbcc
Renfrew (Abbotts.)	1024.3	-6	W'S	3	b	64	65	8	4	4	-	1	1	4000	0	*	cbc	bccb	bbc	bc
Eskdalemuir	1023.8	+2	W'N	3	c	61	75	8	5	-	-	9+	9+	4000	1	*	cmobc	bccw	cb, c	c
Tiree	1024.7	0	W'S	3	c	59	85	8	2	-	-	7-8	7-8	2500	1	2	cir	irobc	bc	bcw
Stornoway	1020.1	0	W	7	c	59	65	8	8	7	-	4-6	7-8	1500	1	4o	cdr	c	cproc	c
Dalwhinnie §	1023.6	0	W	4	bc	61	75	8	8	-	-	4-6	4-6	2500	0		bc	bc	*	d
Aberdeen	1021.9	+4	N	1	c/pr	59	95	8	9	4	9	4-6	7-8	1500	1	1	ocbc	cprc	probc	bccq
Wick	1019.8	-10	W	3	c/r	60	85	8	8	7	-	4-6	7-8	1500	1	1	cproc	ciro	ciro	ciroc
Lerwick	1017.6	-16	SW	5	c/r	53	95	7	8	3	8	4-6	9	800	1	*	ododmc	cirmo	ciromo	oddmo
Blacksod Point	1027.4	0	W	1	c	59	85	8	-	7	-	0	10	-	1	2	bc	id	cbc	cbc
Malin Head	1027.7	0	W	3	bc	59	85	7	2	-	-	2-3	2-3	800	0	0	c	cjp	cbc	bc
Aldergrove	1026.3	-2	WSW	1	c	65	65	9	7	-	-	7-8	7-8	4000	0	*	cdoc	c	bcw	bcw
Donaghadee	1025.9	-2	-	0	c	60	75	8	8	3	-	4-6	7-8	2500	0	0	cbc	bc	c	cbc
Birr Castle	1026.7	-4	NW	1	c	68	65	8	5	-	-	9+	9+	2500	0	*	oc	c	cbc	bco
Valentia Obsy.	1028.6	+2	NW'W	3	c	62	75	9	7	-	1	9	9	5700	0	0	c	c	bw	bwbcc
Roches Point	1026.5	-4	N	2	bc	69	65	8	5	-	-	4-6	4-6	2500	0	2	cpoc	cbc	bc	bc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

§ The observations entered in the 18h section (Cols. 15-30) refer to 17h in this report.

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_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 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.

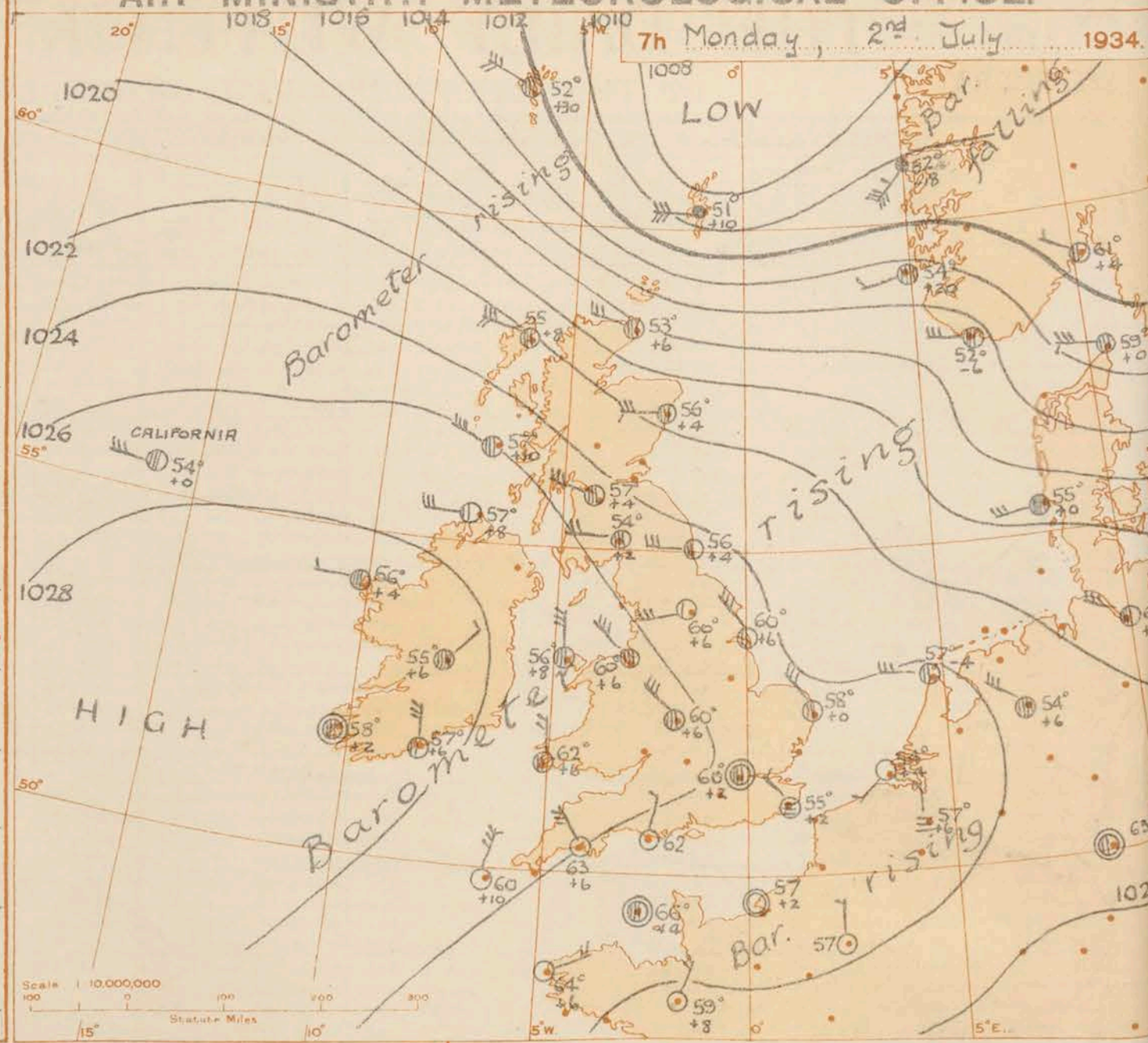
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 1st July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 30m. to 9h. 1st.	Temperature. Max. 9h.—17h. 1st.	Rainfall. Night. 17h. 32m. to 9h. 1st.	Rainfall. Day. 9h.—17h. 1st.	Sunshine. Sunrise to 17h. 1st.	Sunshine. Sunrise to Sunset. 30m.
1	Tunbridge W.	bbc	br	52	78	–	–	12·2	12·7
	Bournemouth	b	b	55	78	–	–	10·7	14·5
	Ventnor ...	b3	b3	59	73	–	–	11·7	13·9
	Southsea ...	b	b	58	75	–	–	11·1	14·8
	Bognor Regis	bcb	b	57	73	–	–	11·7	14·0
	Littlehampton	bc	bcb	55	76	–	–	12·0	13·9
	Worthing ...	b	b	56	73	–	–	12·4	14·8
	Brighton ...	b	bc	57	74	–	–	12·3	14·1
	Eastbourne†	bbcb	b	56	68	–	–	12·0	13·8
	Hastings† ...	b	b	58	70	–	–	12·7	13·4
	Folkestone ...	bbc	b	54	66	–	–	10·9	13·5
	Dover... ...	oc	cbcb	54	65	–	–	7·6	13·2
	Deal	bo	ob	56	65	–	–	6·7	5·4
	Ramsgate ...	c	cbcb	56	61	–	–	8·8	4·6
	Margate ...	c	bc	57	62	–	–	7·8	5·8
2	Southend ...	b	b	54	69	–	–	12·0	10·0
	Maldon ...	b	b	54	72	–	–	11·3	10·1
	Clacton-on-Sea	bcmo	bc	51	64	–	–	6·9	9·9
	Dovercourt ...	bcv	bcv	52	67	–	–	6·9	9·1
	Lowestoft ...	cbcb	b	51	63	–	–	?	5·2
	Skegness ...	o	obc	51	59	–	–	3·2	12·7
	Mablethorpe	oc	cbc	52	60	–	–	3·6	11·5
	Cleethorpes...	oc	cbc	52	69	–	–	4·7	13·4
3	Leamington S.	cbc	cbc	58	77	–	–	4·8	11·4
4	Cheltenham†	c3o	cbc3o	57	78	–	–	7·5	12·6
5	Bath	bbc	bcc	57	81	–	–	7·9	13·7
	Weymouth ...	b	b3	52	75	–	–	11·5	14·8
	Jersey ...	b	b	58	76	–	–	12·5	14·7
	Torquay ...	b	bgv	58	76	–	–	12·4	14·8
	Penzance ...	b	b	57	74	–	–	11·0	13·8
	St. Ives ...	b	b	53	66	–	–	10·3	10·8
	Bude	wb	bbc	51	70	–	–	11·5	14·4
	Ilfracombe ...	b	b	60	75	–	–	12·2	15·0
6	Aberystwyth	bc	bc	53	68	–	–	11·4	15·1
7	Llandudno ...	bbc	bbcb	53	70	–	–	10·7	9·7
	Colwyn Bay...	bcb	bbc	55	67	–	–	11·0	6·8
	Rhyl	bccb	bbcb	53	66	–	–	9·8	9·2
8	Wallasey ...	b	b	58	67	–	–	8·0	8·2
	Southport‖ ...	om	b	56	69	–	–	5·0	8·8
	Blackpool ...	ocm	cbc	56	68	–	–	6·2	11·0
	Morecambe ...	3bc	b	59	68	–	–	8·1	12·6
9	Ilkley... ...	c	c	56	75	–	–	2·3	6·4
10	Berwick-on-T.	ofc	cpro	53	62	–	Trace	5·1	8·2
11	Dunbar ...	omb	bc	53	71	–	–	5·2	8·2
12	Troon... ...	wcbcc	bcevc	57	64	–	–	4·2	2·4
	Douglas ...	cb	cb	57	67	–	–	5·3	13·8

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

AIR MINISTRY. METEOROLOGICAL OFFICE.



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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 2nd July, 1934.
1 S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light northerly wind; fine; very warm or hot.
5. S.W. England 6. South Wales 7. North Wales	Light northerly to variable winds; fair, apart from coastal mist in early morning; warm.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light northwest winds; fair generally; rather warm.
13. A. W. Scotld. B. N.W. Scotland 14. Mid Scotland 15. N.E. Scotland	Light or moderate west winds; fair, apart from slight local showers at first; average or rather high temperature.
16. Orkneys and Shetlands.	Fresh westerly winds, veering and moderating; local showers; rather cool.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable winds; mainly fair; rather warm.

GENERAL INFERENCE.

A large anticyclone centred to the Southwest of Ireland covers the British Isles. A disturbance between Faeroe and Norway is moving east, while another disturbance far out on the Atlantic is also moving east. Weather will be fair or fine everywhere except in the North of Scotland where local showers will occur at first.

FURTHER OUTLOOK.

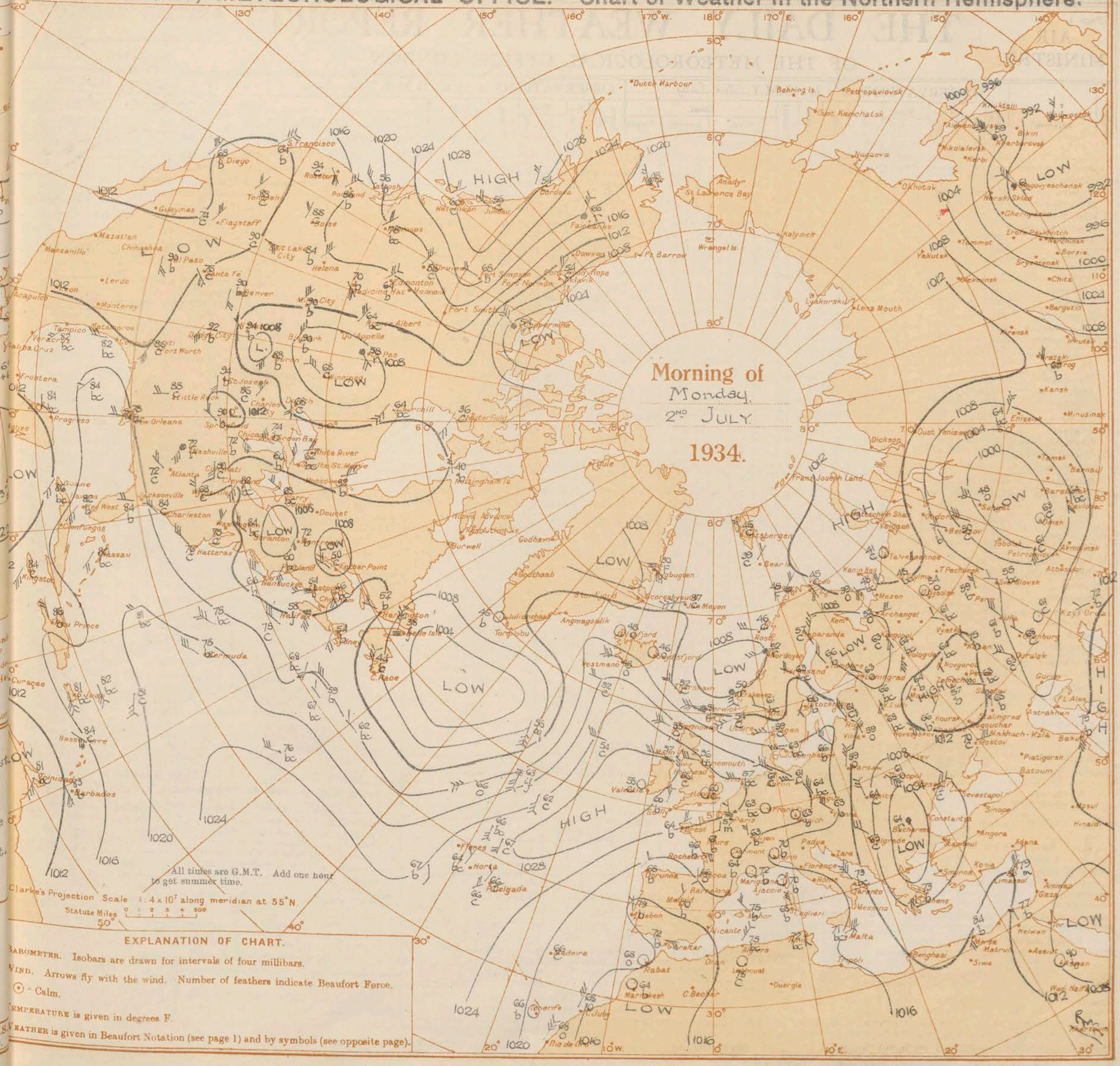
Fair in Southeast England.

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. Pa 248/2756. Wt. 8016. D.500. Gp 908. 29/40. 7/34.

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

Monday 2nd July 1934.

No. 24520

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

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	1024.8	+2	S'W	3	b	58	95	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1026.0	+2	-	0	bf	48	95	2	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1024.9	-6	SW'S	2	c	56	85	7	S	-	-	9	9-	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1024.9	0	SW	1	bc	59	95	7	5	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1026.0	0	N	1	b	59	95	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1026.7	0	NNE	3	b/f	58	95	6	-	-	-	0	0	-
	Guernsey	175	1025.3	+2	-	0	b	57	85	7	-	-	-	0	0	-
6	Pembroke	142	1025.2	0	N	1	b	58	85	7	5	-	-	Tr	Tr	4000
7	Holyhead	26	1026.5	+2	-	0	b	57	95	8	-	3	1	0	1	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1023.7	-2	WNW	3	c	60	95	6	5	7	-	4-6	7-8	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1023.8	+2	W	2	bc	60	85	7	4	-	-	4-6	4-6	4000
11	Inchkeith	190	1024.1	+8	W	4	bc	54	85	8	-	4	1	0	2-3	-
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts Inch)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1020.9	+8	W	6	c	54	75	8	8	2	-	9	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1018.6	-10	W	2	ic	53	85	8	8	1	-	7-8	7-8	1500
16	Lerwick	54	1010.8	-36	WSW	6	c	51	95	5	5	2	-	4-6	10	800
17	Blacksod Point	18	1028.4	+6	-	0	c	54	85	8	-	5	-	0	7-8	-
18	Malin Head	52	1026.7	+2	W	3	bc	55	95	7	4	-	-	2-3	2-3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1023.5	0	NW	2	b	57	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1025.7	+12	NNE	2	bc	64	75	5	7	-	-	4-6	4-6	4000	0	*
	Croydon	1025.0	+2	-	0	3o	60	85	6	8	3	-	7-8	9	4000	0	*
	S. Farnborough	1025.6	+10	N	1	b	63	85	6	8	-	-	1	1	5700	0	*
	Boscombe Down	1025.8	+10	N'E	3	bc	62	85	6	-	7	-	0	2-3	-	0	*
	Calshot (S'thmtn)	1025.7	+6	NW'W	2	3o	61	85	6	-	3	-	0	Tr	-	0	1
	Dungeness	*	*	S	1	3o	*	*	5	4	-	*	4-6	4-6	1500	*	0
	Lympne	1025.8	+2	NW	1	f	55	95	3	5	-	-	10	10	<150	0	*
2	Shoeburyness	1025.0	+4	NNW	1	bc	61	95	6	7	6	-	4-6	4-6	4000	0	*
	Felixstowe	1024.8	+2	W'N	1	3o	60	95	6	-	-	1	0	2-3	-	0	0
	Gorleston	1024.1	0	NW	3	bc	58	85	6	4	-	-	4-6	4-6	2500	0	2
	Cranwell	1025.9	+4	NW'N	3	3o	62	85	6	7	4	-	2-3	4-6	4000	0	*
3	Birmingham	1026.9	+6	NNW	3	c	60	85	6	-	3	-	0	7-8	-	0	*
	Upper Heyford	1026.4	+8	NNE	3	3o	61	85	6	5	3	1	Tr	1	800	0	*
4	Ross-on-Wye	1026.1	+4	N	2	b	62	85	7	1	-	-	Tr	Tr	4000	0	*
5	Portland Bill	1025.5	+6	NNE	1	b	62	85	6	-	-	-	0	0	-	0	2
	Plymouth	1026.0	+6	NNW	3	b	63	85	8	-	-	-	0	0	-	0	1
	The Lizard	1026.1	+2	N'E	4	bc	64	85	8	7	-	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1027.2	+10	NE'N	4	b	60	95	7	-	-	-	0	0	-	0	2
	Guernsey	1025.3	+4	-	0	3o	66	75	6	-	3	8	0	7-8	-	0	2
6	Pembroke	1025.6	+6	N	1	3o	63	85	6	5	4	-	4-6	4-6	5700	0	0
7	Holyhead	1027.6	+8	N	3	c	56	85	7	5	-	-	9+	9+	4000	0	1
	Chester (Sealand)	1027.5	+6	NW	3	c	60	85	7	5	-	-	9+	9+	1500	0	*
8	L'pool (Bidston)	1027.9	+4	NW'N	3	bc	58	85	8	7	-	8	2-3	2-3	4000	0	*
	Manchester	1026.7	+4	NNW	2	b	61	85	7	1	-	1	Tr	Tr	2500	0	*
9	Harrogate	1026.0	+6	WSW	3	b	60	85	9	2	-	1	Tr	1	4000	0	*
10	Spurn Head	1025.3	+6	NNW	3	bc	60	85	8	7	-	-	4-6	4-6	2500	0	2
	Catterick	1026.1	+10	WNW	2	bc	59	75	8	4	-	4	1	4-6	4000	0	*
	Tynemouth	1024.6	+4	W	3	bc	56	75	7	1	-	2	2-3	4-6	4000	0	1
11	Inchkeith	1024.1	0	SW	4	c	55	85	8	5	6	-	?	9	4000	0	2
	Leuchars	1023.2	+2	W	3	c	57	75	8	1	5	6	Tr	7-8	4000	1	*
12	Renfrew (Abbotts Inch)	1025.2	+4	W'N	3	c	57	75	8	1	-	2	2-3	7-8	4000	0	*
	Eskdalemuir	1025.4	+2	W	2	c	54	75	8	2	-	1	9	9	2500	1	*
13A	Tiree	1026.1	+10	WNW	3	c	57	85	8	4	7	6	Tr	7-8	4000	0	2
13B	Stornoway	1022.7	+8	WNW	5	c	55	75	8	8	4	9	4-6	9	1500	1	2
15	Dalwhinnie	1024.5	+12	W	2	c	50	85	8	9	1	-	7-8	9	800	1	*
	Aberdeen	1021.4	+2	W'N	4	c	56	65	8	5	7	-	4-6	9	2500	1	1
	Wick	1019.1	+6	WNW	3	c	53	85	7	8	2	-	7-8	9+	1500	1	2
16	Lerwick	1009.8	+10	W	6	d₀d₀	51	95	6	6	-	-	10	10	800	1	*
17	Blacksod Point	1028.8	+4	W	1	c	56	95	8	7	-	-	10	10	1500	0	1
18	Malin Head	1027.2	+8	W	3	bc	57	85	7	2	-	4	2-3	2-3	1500	0	0
	Aldergrove	1028.3	+6	WSW	2	c	55	85	8	5	-	4	7-8	9	4000	0	*
	Donaghadee	1027.9	+4	NW	2	bc	59	75	8	8	3	2	4-6	4-6	2500	0	1
19	Birr Castle	1028.6	+6	NE	1	0	55	95	7	5	-	-	10	10	2500	0	*
20	Valentia Obsy.†	1029.3	+2	-	0	c	58	95	8	5	-	1	7-8	7-8	1500	0	0
	Roches Point	1028.6	+6	N	3	bc	57	85	8	5	-	-	4-6	4-6	2500	0	2

PAST 24 HOURS.

District	Stations	Temperature Max. Day 7h-18h °F.	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 Last Hrs. (36)
1	London (Kew)	~~78~~ 76	60	52	-	~~2~~ 27	~~14.7~~
	Croydon	78	56	54	-	-	14.1
	S. Farnborough	81	55	47	-	-	12.0
	Boscombe Down	76	57	52	-	-	6.7
	Calshot (S'thmtn)	77	56	51	-	-	10.1
	Dungeness	66	44	*	-	-	*
	Lympne	67	47	42	-	-	14.3
2	Shoeburyness	67	52	41	-	-	12.2
	Felixstowe	65	53	46	-	-	8.5
	Gorleston	62	52	50	-	-	5.8
	Cranwell	78	56	54	-	-	13.2
3	Birmingham	77	57	54	-	-	3.8
	Upper Heyford	77	57	54	-	-	*
4	Ross-on-Wye	80	54	46	-	-	10.1
5	Portland Bill	70	56	*	-	-	*
	Plymouth	71	60	54	-	-	14.4
	The Lizard	71	58	*	-	-	*
	Scilly (St. Mary's)	70	57	*	-	0.1	14.4
	Guernsey	70	56		-	-	14.8
6	Pembroke	72	55	*	-	-	14.8
7	Holyhead	64	55	45	-	-	10.9
	Chester (Sealand)	72	56	51	-	-	11.9
8	L'pool (Bidston)	66	56	54	-	-	11.0
	Manchester	76	50	43	-	-	10.9
9	Harrogate	71	53	48	-	-	3.0
10	Spurn Head	60	57	*	Tr	Tr	3.4
	Catterick	74	51	46	-	-	2.2
	Tynemouth	71	54	51	-	-	*
11	Inchkeith	68	52	49	-	-	9.1
	Leuchars	74	48	42	Tr	-	6.3
12	Renfrew (Abbotts Inch)	69	52	48	-	-	6.6
	Eskdalemuir	73	47	43	-	-	8.6
13A	Tiree	60	52	45	0.5	-	5.8
13B	Stornoway	63	52	*	1	0.2	6.6
15	Dalwhinnie	68	48	44	-	1	5.3
	Aberdeen	69	51	43	3	Tr	5.5
	Wick	64	51	*	2	0.3	*
16	Lerwick	58	49	*	1	0.3	1.1
17	Blacksod Point	65	48	*	Tr	-	*
18	Malin Head	61	54	*	-	-	2.4
	Aldergrove	67	46	37	Tr	Tr	3.0
	Donaghadee	64	48	*	-	-	*
19	Birr Castle	69	55	47	-	-	2.5
20	Valentia Obsy.†	68	51	47	-	Tr	3.9
	Roches Point	71	55	*	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	bc	bcy	bcybbcm	76	60	52	-	-	~~14.7~~ 13.7	*	*	6
Croydon	217	bm₀bcy	bbcy	byobcm	78	56	54	-	-	14.1	*	*	5
Greenwich (Royal Observatory)	149	by	by	bc	80	55	48	-	-	14.9	45	70	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	~~13.8~~	*	*	*
Westminster (St. James' Park)	27	*	*	*	80	61	56	—		14.3	56	76	*
‡Regents Pk. (Botanic Gardens)	128	*	*	*	83	60	55	-	-	14.4	55	71	*
Camden Square	110	b	b	*	82	61	55	-	-	*	*	68	*
Kensington	80	bc	b	*	80	60	54	-	-	13.7	At 18h. 47	67	*
Hampstead Observatory	450	b	b	bc	77	58	52	-	-	14.6		75	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time
0.3	6h-7h 2nd	0.0	17h 1st

Kew Observatory Max.	Time	Min.	Time
0.2	6h 2nd	<0.1	14h-18h 1st

FOREIGN OBSERVATIONS.

18h. G.M.T. 1st July

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.
Paris	1020.7	N	3	3o	75
Brussels	1022.7	N	2	c	64
Berlin	1015.5	N	5	bc	73
Zürich					
Rome					

7h. G.M.T. 2nd July

Stations	Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1024.6	NNW	1	o/f	57	77	54	-	-
Brussels	1024.7	NNW	1	f	57	68	52	-	-
Berlin	1020.7	W	3	c	61	79	55	-	-
Zürich	1021.1	NW	3	b	61		57		-
Rome									

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	1½ miles.
5 Poor visibility	2½ „
6 Moderate „	6½ „
7 Good „	12½ „
8 Very good „	31 „
9 Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

§ The periods referred to in cols. 31, 32, 34 and 35 are 07-17h and 17-07h in this report.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 3rd July 1934.

No. 26521

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

Division	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew) ...	10252	-8	NNW	2	c	77	45	7	8	-	-	7-8	7-8	4000
	Croydon ...	10246	-6	NE'N	2	c	76	55	6	8	-	-	7-8	7-8	5700
	S. Farnborough	10249	-4	NNW	2	bc	81	45	7	1	-	-	4-6	4-6	4000
	Boscombe Down	10253	-4	N	2	bc	74	55	8	1	-	-	4-6	4-6	2500
	Calshot, S'thmtn	10248	-6	NNW	2	bc	78	55	7	1	-	-	2-3	2-3	4000
	Dungeness ...	*	*	SW	2	c	*	*	5	5	-	*	9	9	1500
	Lympne ...	10258	+2	SE	2	bc	69	75	7	1	-	-	2-3	2-3	5700
2	Shoeburyness	10253	+6	E	3	bc	70	65	6	7	-	-	2-3	2-3	4000
	Felixstowe ...	10258	+10	ENE	4	bc	67	65	7	7	-	-	2-3	2-3	2500
	Gorleston ...	10255	+6	N'E	4	bc	64	65	7	4	-	8	2-3	4-6	2500
	Cranwell ...	10254	-2	WN	3	3o	72	45	6	7	-	-	7-8	7-8	4000
3	Birmingham ...	10267	0	NNW	3	bc	69	55	8	7	3	-	4-6	4-6	4000
	Upper Heyford	10260	-4	N	3	c	74	55	7	1	-	-	7-8	7-8	2500
4	Ross-on-Wye ...	10263	0	NW	2	bc	72	55	8	7	-	-	4-6	4-6	4000
5	Portland Bill...	10255	0	SW	2	bc	70	85	7	5	-	-	2-3	2-3	2500
	Plymouth ...	10262	+2	SW	4	bc	69	75	8	1	-	-	2-3	2-3	4000
	The Lizard ...	10265	+2	S'E	1	bc	72	65	8	1	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	10280	+4	NEN	3	b	67	85	7	-	-	-	0	0	-
	Guernsey ...	10257	0	ES	1	b	69	75	6	-	-	-	0	0	-
6	Pembroke ...	10283	+2	N	2	bc	71	65	7	5	-	-	2-3	2-3	4000
7	Holyhead ...	10287	+4	WNW	2	bc	60	75	8	1	-	5	1	2-3	4000
	Chester (Sealand)	10286	+2	NW	3	bc	63	65	9	1	-	5	1	2-3	4000
8	L'pool (Bidston)	10285	+2	NWW	4	bc	61	75	9 8	1	-	1	1	2-3	2500
	Manchester	10274	+4	NW	4	bc	66	55	8	1	4	4	4-6	4-6	2500
9	Harrogate ...	10257	0	SW	3	c	68	55	9	5	-	-	9	9	4000
10	Spurn Head ...	10258	0	NE	4	c	66	65	7	1	1	1	4-6	7-8	5700
	Catterick ...	10258	0	NWW	3	c	65	55	8	7	-	8	4-6	7-8	4000
	Tynemouth ...	10257	+4	W	3	bc	66	55	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	10254	+4	W	3	c	64	55	8	1	5	6	2-3	7-8	4000
	Leuchars ...	10261	+6	WNW	3	c	65	55	9	1	5	1	1	7-8	2500
12	Renfrew (Abbotts I)	10266	+6	NWW	4	c	64	55	8	1	-	1	2-3	7-8	4000
	Eskdalemuir ...	10259	+6	NWW	3	c	62	55	8	7	-	6	7-8	9+	2500
13A	Tiree ...	10283	+2	WNW	3	bc	58	75	9	2	4	2	1	4-6	2500
13B	Stornoway ...	10251	+10	WNW	5	c	58	65	8	8	7	8	4-6	9	2500
15	Dalwhinnie ...	10255	+2	W	4	bc	59	85	8	1	4	4	2-3	4-6	4000
	Aberdeen ...	10231	+2	NWW	4	c	60	65	8	5	7	1	Tr.	7-8	2500
	Wick ...	10224	+20	WNW	6	c	56	65	8	8	1	-	4-6	7-8	2500
16	Lerwick ...	10148	+20	WNW	5	old	53	95	7	6	-	-	10	10	800
17	Blacksod Point	10299	+6	NW	3	c	61	65	9	-	3	-	0	7-8	-
18	Malin Head ...	10286	+8	NW	3	bc	59	85	7	2	9	3	2-3	4-6	1500
	Aldergrove ...	10288	+2	WSW	2	c	60	75	9	8	7	-	9	9+	2500
	Donaghadee ...	10292	+8	NE	2	bc	60	75	8	5	3	2	2-3	4-6	1500
19	Birr Castle ...	10291	-2	NW	2	c	67	55	8	8	-	1	7-8	7-8	2500
20	Valentia Obsy.	10298	0	NWN	4	bc	64	75	9	2	7	1	1	2-3	1500
	Roches Point...	10295	+6	N	2	bc	63	75	8	5	-	-	4-6	4-6	2500

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

Division	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)	10249	0	NNW	3	bc	76	45	6	8	-	-	2-3	2-3	4000	0	*
	Croydon	10245	+2	EN	2	c	73	65	6	8	-	-	9	9	4000	0	*
	S. Farnborough	10246	0	N'W	2	b	75	55	7	-	-	-	0	0	- 4000	0	*
	Boscombe Down	10252	0	N	2	b	74	55	8 6	1	-	-	Tr.	Tr.	~~7200~~	0	*
	Calshot, S'thmtn	10247	0	SSW	3	bc	70	75	7	1	6	-	2-3	4-6	4000	0	2
	Dungeness	*	*	ENE	2	bc	*	*	6	5	7	*	2-3	4-6	2500	*	1
	Lympne	10260	+2	ENE	2	b	65	75	8	1	-	-	Tr.	Tr.	5700	0	*
2	Shoeburyness	10257	0	ESE	3	b	63	75	8	-	7	-	0	1	-	0	*
	Felixstowe	10261	+2	ENE	3 8	bc	62	65	8	5	-	8	2-3	4-6	4000	0	1
	Gorleston	10269	+6	NNE	3	c	61	75	7	4	-	-	9	9	2500	0	2
	Cranwell	10261	+6	EN	2	c	67	55	8	7	-	8	9	9+	4000	0	
3	Birmingham	10265	0	NNW	3	bc	68	55	8	-	7	2	0	4-6	-	0	*
	Upper Heyford	10256	-2	NEN	3	3o	72	55	7	1	-	1	Tr.	2-3	4000	0	*
4	Ross-on-Wye	10254	0	N	2	bc	71	55	8	7	-	2	4-6	4-6	4000	0	
5	Portland Bill	10247	-6	NW	3	b	69	85	7	-	-	-	0	0	-	0	2
	Plymouth	10258	-4	N'W	4	bc	71	75	8	4	-	1	1	2-3	4000	0	1
	The Lizard	10264	-4	N	4	bc	71	65	8	7	-	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	10277	-2	NNE	3	b	64	85	8	-	-	3	0	1	-	0	2
	Guernsey	10250	-4	N	2	3o	69	65	6	-	-	-	0	0	-	0	1
6	Pembroke	10270	0	NE	2	bc	65	55	8	5	-	9	2-3	2-3	4000	0	0
7	Holyhead	10285	-2	NW	1	bc	60	75	8	-	4	1	0	2-3	-	0	1
	Chester (Sealand)	10283	-2	NWW	3	bc	61	65	8	1	-	2	Tr.	4-6	4000	0	*
8	L'pool (Bidston)	10275	0	WNW	4	bc	61	65	8	1	-	2	1	2-3	4000	0	*
	Manchester	10275	0	NW	4	bc	63	55	8	1	-	2	1	4-6	4000	0	*
9	Harrogate	10254	0	W	2	c	67	55	9	8	-	2	4-6	7-8	4000	0	*
10	Spurn Head	10269	+6	SE	1	c	61	75	7	5	7	1	4-6	7-8	4000	0	2
	Catterick	10262	+4	ENE	2	bc	63	65	7	4	-	8	4-6	4-6	2500	0	*
	Tynemouth	10255	0	ESE	2	bc	61	75	8	1	-	1	2-3	2-3	4000	0	1
11	Inchkeith	10254	-6	W	3	bc	62	75	8	7	4	6	1	4-6	4000	0	2
	Leuchars	10249	-2	WNW	3	bc	68	45	9	1	4	8	1	4-6	4000	0	*
12	Renfrew (Abbotts I)	10264	0	W'N	3	c	63	55	9	4	4	2	Tr.	7-8	4000	0	*
	Eskdalemuir	10255	0	NWW	3	c	64	55	8	1	-	2	1	7-8	4000	1	*
13A	Tiree	10283	0	WNW	2	bc	58	75	9	2	4	2	1	4-6	2500	0	2
13B	Stornoway	10259	+2	WNW	3	c	56	85	7	8	7	-	7-8	9+	1500	1	1
15	Dalwhinnie	10258	+2	W	2	bc	61	55	8	1	4	1	1	2-3	4000	0	
	Aberdeen	10236	+6	NWN	4	bc	64	55	8	1	-	9	Tr.	4-6	2500	0	1
	Wick	10233	0	WNW	5	c	57	75	8	5	3	-	4-6	7-8	2500	0	3
16	Lerwick	10183	+18	WNW	5	c/c	51	85	7	5	2	-	4-6	10	1500	1	*
17	Blacksod Point	10293	-2	N	2	bc	61	65	9	1	-	4	1	4-6	4000	0	1
18	Malin Head	10285	+2	W	3	c	58	85	7	2	-	2	4-6	7-8	1500	0	0
	Aldergrove	10288	0	NW	2	c	61	75	9	8	4	-	9	9	4000	0	
	Donaghadee	10296	0	NNE	2	c	57	95	8	5	3	-	4-6	7-8	1500	0	0
19	Birr Castle	10283	-4	NW	1	bc	69	45	8	8	-	-	4-6	4-6	2500	0	*
20	Valentia Obsy.	10294	-2	NWN	3	c	64	65	9	1	3	2	Tr.	7-8	2500	0	1
	Roches Point	10287	-4	SW	2	bc	68	65	8	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS.

Division	Stations	Weather 7h.–13h. 2nd (37)	Weather 13h.–18h. 2nd (38)	Weather 18h. 2nd to 1h. 3rd (39)	Weather 1h.–7h. 3rd (40)
1	London (Kew)	bzo bc	bc by zo	bcyzo	bczo
	Croydon	cbmozoy	bcczoy	cbcmo	bcc
	S. Farnborough	bmobby	bcy by	bybcw	bcwmo
	Boscombe Down	bcbbcy	bcy by	bybc	bcbcmo
	Calshot, S'thmtn	bcby	bcy	bbw	bcmo
	Dungeness	o	bc	*	bc
	Lympne	fbmocb	bbcb	cb	bbc
2	Shoeburyness	cbczo	bc zob	b	bwc
	Felixstowe	bzobc	bc	bc	bc
	Gorleston	bcq	bcq	bc	bbc
	Cranwell	bcy	bczoy	cbcmo	cmoz
3	Birmingham	bc	bbc	bcb	b
	Upper Heyford	bmoc	bcb	bcb,c	cbmo
4	Ross-on-Wye	bc	bcy	bcyb	bbcb
5	Portland Bill	bbc	bcb	b	b
	Plymouth	b	bbcb	b	bc
	The Lizard	bc	bc	bcb	b
	Scilly (St. Mary's)	b	b	b	bbcb
	Guernsey	bcbz	bz	bz	bwm
6	Pembroke	bc	bcy	b	bcb
7	Holyhead	cbc	bc	bcbw	bw
	Chester (Sealand)	cbc	bbcv	bcbw	bbc
8	L'pool (Bidston)	bcb	bbv bc	bc	bcw
	Manchester	bc	bcy	bw	bwoF
9	Harrogate	bbcc	cbc	cb	b
10	Spurn Head	bcc	bc	cbc	cbcz
	Catterick	bcy	bcybc	bcw	wbc
	Tynemouth	bc	bc	bc	bc
11	Inchkeith	c	cbc	bcc	bcc
	Leuchars	cbcyv	bc vy	bcyvw	bcw
12	Renfrew (Abbotts I)	bcc	cy	cyb	bbc
	Eskdalemuir	pfoc	cbcy	bcyc	bcwc
13A	Tiree	bc	bc	bcw	bcc
13B	Stornoway	c	c	c	cz
15	Dalwhinnie	bc	bc	*	bc
	Aberdeen	cqc	cq bcy	bcyc	c
	Wick	c	c	c	c
16	Lerwick	oddoido	oidocio	c	c
17	Blacksod Point	bc	bc	bc	b
18	Malin Head	bc	bc	bc	bc
	Aldergrove	c	c	cbcb	bwoFF
	Donaghadee	bc	bcc	cbc	bc
19	Birr Castle	odo cy	cbcy	~~x~~bc	bcc
20	Valentia Obsy.	cbc	bbcc	cbcbw	bwbcv
	Roches Point	bc	bc	bc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

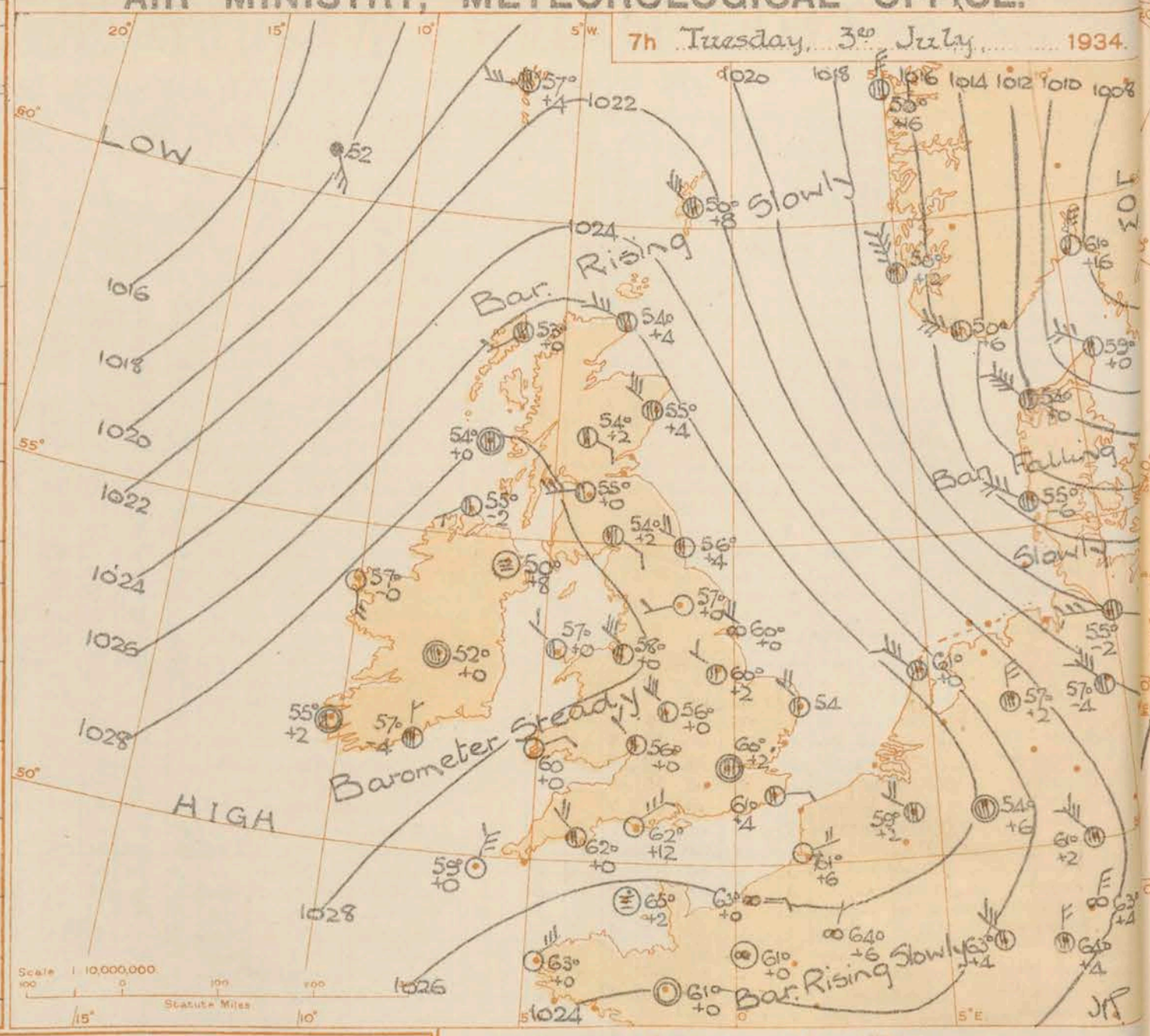
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Mon. 2nd July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h.—17h. 2nd	Rainfall. Night. 17h. 1st to 9h. 2nd	Rainfall. Day. 9h.—17h. 2nd	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset. 1st
1	Tunbridge W.	b bc	bcc	51	79	-	-	9.3	14.4
	Bournemouth	b	b	57	83	-	-	10.0	11.5
	Ventnor ...	b3	b3	57	72	-	-	10.8	13.5
	Southsea ...	bcb	bbc	57	80	-	-	9.2	13.0
	Bognor Regis	bcb	b	56	71	-	-	9.7	13.6
	Littlehampton	bc	bc	53	73	-	-	8.5	14.1
	Worthing ...	bcbc	bbcc	56	70	-	-	8.7	14.8
	Brighton ...	b	cbc	55	65	-	-	10.1	14.7
	Eastbourne†	bbc	bcc	54	73	-	-	8.5	14.4
	Hastings† ...	b	bbcc	54	67	-	-	9.6	15.2
	Folkestone ...	bbcnb	b	48	67	-	-	10.3	13.4
	Dover... ...	bccnbc	bcb	51	69	-	-	10.7	9.9
	Deal	ncbc	b	51	70	-	-	10.3	9.2
	Ramsgate ...	bc	bcb	53	68	-	-	10.0	11.1
	Margate ...	bc	bc	52	67	-	-	9.5	10.4
2	Southend ...	cbc	bcb	57	79	-	-	9.5	14.4
	Maldon ...	cb	bcbv	51	75	-	-	6.9	13.9
	Clacton-on-Sea	bccbbc	bc	56	71	-	-	9.6	9.6
	Dovercourt ...	bcv	bcv	54	73	-	-	10.3	9.2
	Lowestoft ...	b	b	52	67	-	-	11.4	
	Skegness ...	bc	bc	55	66	-	-	10.0	4.4
	Mablethorpe	bc	bcc	53	65	-	-	10.5	5.6
	Cleethorpes...	b	b	55	69	-	-	10.1	5.7
3	Leamington S.	b	b	58	74	-	-	11.2	5.5
4	Cheltenham†	bqb	bbcy	56	77	-	-	10.3	8.0
5	Bath	b	bbc	58	78	-	-	11.4	8.9
	Weymouth ...	b	b	56	77	-	-	11.5	11.9
	Jersey ...	b	b	58	79	-	-	12.3	15.2
	Torquay ...	b	bbc	60	75	-	-	10.9	14.2
	Penzance ...	b	b	57	75	-	-	10.5	13.2
	St. Ives ...	b	b	56	66	-	-	11.7	13.1
	Buda	wb	b	50	70	-	-	12.2	14.0
	Ilfracombe ...	b	b	58	70	-	-	12.2	13.7
6	Aberystwyth	3 bc	bc	57	65	-	-	9.1	14.5
7	Llandudno ...	cbc	bcb	56	63	-	-	7.0	12.1
	Colwyn Bay...	obc	b	55	64	-	-	6.6	12.6
	Rhyl	cbcb	b	57	63	-	-	7.3	12.0
8	Wallasey ...	bcc	b	58	64	-	-	9.4	10.7
	Southport‖ ...	bc	bbcb	57	65	-	-	11.5	7.6
	Blackpool ...	cbc	bbc	56	64	-	-	12.5	8.3
	Morecambe ...	b	b	58	65	-	-	12.5	10.0
9	Ilkley... ...	b	b	53	70	-	-	10.2	3.7
10	Berwick-on-T.	bcc	bc	51	69	-	-	10.2	5.2
11	Dunbar ...	bc	bc	51	68	-	-	8.7	6.8
12	Troon... ...	wbcbv	bcbcb	55	67	-	-	9.9	6.0
	Douglas ...	bcab	cbbc	52	63	-	-	10.0	6.4

† 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. 3rd July, 1934.
1 S.E. England	Light northerly or variable wind; fair; warm.
2 E. England	Light or moderate northerly wind; fair; rather warm inland.
3 E. Midlands 4 W. Midlands	As 1.
5 S.W. England 6 South Wales	Light north or northeast or variable wind; fair or fine; warm.
7 North Wales 8 N.W. England 9 N. Midlands 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man	Light northwest or variable wind; fair; rather warm.
13 A. W. Scotland B. N.W. Scotland	Light southwesterly wind, freshening; cloudy, perhaps occasional rain; average temperature.
14 Mid Scotland 15 N.E. Scotland 16 Orkneys and Shetlands	Light or moderate westerly wind, backing southwest; mainly fair; average or rather high temperature.
17 N.W. Ireland 18 N.E. Ireland	Light or moderate south or southwest wind; fair; average or rather high temperature.
19 S.E. Ireland 20 S.W. Ireland	Light variable 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 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.

A large anticyclone covers the British Isles. A depression over the Baltic is moving southeast while another depression out on the Atlantic is tending to move north and a trough of low pressure will approach Iceland. Weather will be fair or fine except in the extreme Northwest where occasional rain may occur.

FURTHER OUTLOOK.

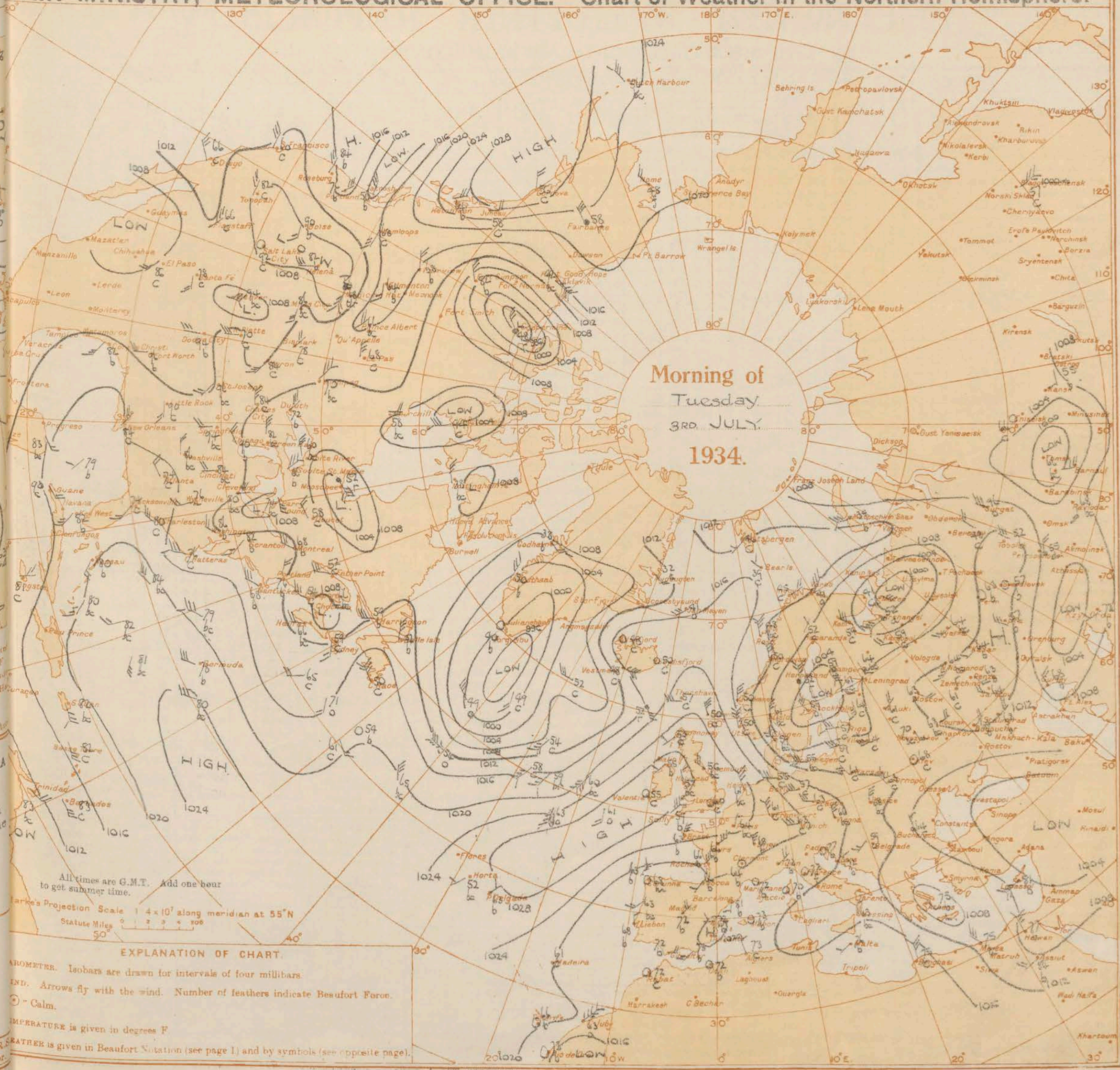
Fair except in the extreme Northwest.

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. 24, 2756, 14, 304, D.6001, 6, 908, 29/40, 7/34

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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 3rd July 1934.

No. 26521

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

Division	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	1026.8	+10	E	1	bc	57	95	7	7	3	-	2.3	4.6	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1027.2	+2	NE'N	3	b	54	75	8	5	-	-	Tr	Tr	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1026.9	+2	NW'W	1	b	55	85	7	-	4	-	0	1	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1025.6	+2	NE	4	b	63	75	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1026.9	-2	NNE	5	b	58	75	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1028.1	0	NNE	3	b	57	95	8	-	-	-	0	0	-
	Guernsey	175	1025.5	0	N	1	b	60	85	7	-	-	-	0	0	-
6	Pembroke	142	1028.0	+2	N	1	b	53	75	7	5	-	-	1	1	4000
7	Holyhead	26	1029.1	0	NW	2	b	55	85	8	-	4	1	0	1	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1027.4	+2	W'S	2	bc	56	85	8	-	7	8	0	2.3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1026.2	+2	W	3	bc	56	75	7	2	-	2	4.6	4.6	2500
11	Inchkeith	190	1026.6	+10	SW	3	c	54	85	8	4	6	-	4.6	7.8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1027.0	+2	W	2	c	50	95	7	8	7	-	7.8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	7.8	10	*
	Wick	81	1023.8	+2	WNW	3	c	52	95	8	8	1	-	4.6	7.8	1500
16	Lerwick	54	1021.0	+6	NW	3	c	49	85	8	5	2	-	7.8	7.8	1500
17	Blacksod Point	18	1029.3	0	-	0	b	49	95	8	-	-	1	0	1	-
18	Malin Head	52	1029.2	-2	-	0	bc	51	95	7	2	-	-	4.6	4.6	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1029.8	+6	S	1	b	54	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Division	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)	1027.3	+6	-	0	c	63	65	6	7	7	-	4-6	7-8	4000	0	*
	Croydon	1027.0	+2	-	0	c	60	65	7	5	9	-	2-3	7-8	5700	0	*
	S. Farnborough	1027.3	+6	-	0	bc	60	85	6	7	-	-	4-6	4-6	7200	0	*
	Boscombe Down	1027.2	+2	N	3	bc	58	85	6	-	3	-	0	2-3	-	0	*
	Calshot (S'thmtn)	1026.6	+4	N'E	1	b	62	75	6	-	8	1	0	Tr	-	0	1
	Dungeness	*	*	ENE	2	bc	*	*	7	5	-	*	4-6	4-6	4000	*	1
	Lympne	1027.3	+4	E	1	bc	61	75	8	-	3	1	0	2-3	-	0	*
2	Shoeburyness	1027.4	+4	E'S	2	c	61	75	8	4	-	-	9	9	5700	0	*
	Felixstowe	1027.4	+2	-	0	bc	61	65	8	-	-	5	0	4-6	-	0	0
	Gorleston	1027.0	+2	NW	2	bc	54	85	6	-	7	6	0	4-6	-	0	1
	Cranwell	1027.4	+2	NW'W	1	bc	60	65	6	-	-	9	0	4-6	-	0	*
3	Birmingham	1027.9	0	NNW	3	bc	56	85	6	-	7	1	0	2-3	-	0	*
	Upper Heyford	1027.5	-2	NW	1	3o	57	85	6	-	7	1	0	1	-	0	*
4	Ross-on-Wye	1027.6	0	NW'N	1	bc	56	75	8	-	-	2	0	2-3	-	0	*
5	Portland Bill	1026.4	+12	NE	4	b	62	75	7	-	-	-	0	0	-	0	3
	Plymouth	1026.4	0	NNW	2	b	62	75	~~8~~ 7	-	-	1	0	Tr	-	0	1
	The Lizard	1026.7	+2	NNE	3	b	60	75	8	-	-	-	0	0	-	0	2
	Scilly (St. Mary's)	1027.7	0	NE'N	4	b	59	85	8	-	-	-	0	0	-	0	2
	Guernsey	1025.3	+2	-	0	m	65	85	4	-	-	-	0	0	-	0	2
6	Pembroke	1027.4	0	ENE	1	b	60	75	8	-	-	9	0	1	-	0	1
7	Holyhead	1028.5	0	NW'N	1	bc	57	85	8	-	-	1	0	2-3	-	0	1
	Chester (Sealand)	1028.7	0	NW'W	3	bc	58	85	7	1	-	1	2-3	4-6	2500	0	*
8	L'pool (Bidston)	1028.9	0	NW	3	bc	57	75	8	7	-	2	1	2-3	4000	1	*
	Manchester	1028.1	0	-	0	bf	51	95	2	-	-	-	0	0	-	0	*
9	Harrogate	1027.7	0	WSW	1	bc	57	75	9	-	-	2	0	2-3	-	0	*
10	Spurn Head	1027.0	0	WNW	2	3o	60	85	5	5	2	8	2-3	4-6	800	0	1
	Catterick	1027.5	+4	WNW	1	bc	56	75	8	-	-	2	0	4-6	-	0	*
	Tynemouth	1026.5	+4	WNW	2	bc	56	65	7	4	-	1	2-3	4-6	4000	0	1
11	Inchkeith	1027.3	+6	SW	3	bc	52	85	7	5	5	6	2-3	7-8	1500	0	2
	Leuchars	1026.9	0	W	2	bc	55	75	9	-	7	1	0	4-6	-	0	*
12	Renfrew (Abbotsinch)	1027.5	0	W'S	3	bc	55	75	9	-	-	1	0	2-3	-	0	*
	Eskdalemuir	1027.3	+2	SE	1	c	54	75	8	-	4	7	0	7-8	-	1	*
13A	Tiree	1028.2	0	-	0	c	54	85	8	5	-	-	7-8	7-8	4000	0	1
13B	Stornoway	1026.8	0	SW	1	c	53	85	8	8	7	-	7-8	9+	1500	1	1
15	Dalwhinnie	1027.5	+2	E	1	bc	54	75	8	1	1	1	1	4-6	4000	0	*
	Aberdeen	1026.4	+4	NW	3	c	55	75	8	5	7	-	2-3	9+	2500	0	1
	Wick	1025.9	+4	WNW	4	c	54	85	8	8	7	-	4-6	7-8	2500	0	2
16	Lerwick	1023.0	+8	NW	3	c	50	85	7	5	2	-	7-8	9+	800	0	*
17	Blacksod Point	1028.4	0	S	2	b	57	85	9	-	-	-	0	0	-	0	2
18	Malin Head	1028.2	-2	SW	1	b	55	95	7	2	-	3	Tr	1	1500	0	0
	Aldergrove	1029.7	+8	-	0	bF	50	95	1	-	-	-	0	0	-	0	*
	Donaghadee	1030.4	+4	-	0	bc	56	85	8	5	3	-	2-3	4-6	1500	0	0
19	Birr Castle	1029.0	0	-	0	c	52	95	8	5	-	-	7-8	7-8	2500	0	*
20	Valentia Obsy.†	1028.9	+2	-	0	bc	55	85	9	7	3	-	1	2-3	2500	0	0
	Roches Point	1028.9	-4	N	1	c	57	85	8	5	-	-	7-8	7-8	2500	0	1

PAST 24 HOURS.

Division	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 2nd hrs. (36)
1	London (Kew)	78	57	49	-	-	11.0
	Croydon	78	54	49	-	-	7.3
	S. Farnborough	81	52	44	-	-	12.3
	Boscombe Down	77	52	50	-	-	13.4
	Calshot (S'thmtn)	80	58	52	-	-	12.3
	Dungeness	66	55	*	-	-	*
	Lympne	73	47	44	-	-	10.8
2	Shoeburyness	75	50	40	-	-	~~11.9~~
	Felixstowe	72	48	44	-	-	~~10.9~~
	Gorleston	68	50	49	-	-	~~11.0~~ 11.5
	Cranwell	74	49	44	-	-	11.2
3	Birmingham	72	51	48	-	-	11.6
	Upper Heyford	75	52	45	-	-	*
4	Ross-on-Wye	76	49	40	-	-	12.6
5	Portland Bill	72	58	*	-	-	*
	Plymouth	72	56	54	-	-	15.2
	The Lizard	76	56	*	-	-	*
	Scilly (St. Mary's)	67	56	*	-	-	14.8
	Guernsey	72	58	54	-	-	~~14.3~~
6	Pembroke	72	51	*	-	-	13.3
7	Holyhead	62	53	46	-	-	11.8
	Chester (Sealand)	64	48	41	-	-	8.0
8	L'pool (Bidston)	62	54	51	-	-	9.7
	Manchester	67	43	40	-	-	12.1
9	Harrogate	69	49	45	-	-	10.0
10	Spurn Head	68	55	*	-	-	11.1
	Catterick	69	~~48~~ 45	39	-	-	10.5
	Tynemouth	66	51	49	-	-	*
11	Inchkeith	66	50	46	-	-	11.4
	Leuchars	69	46	36	-	-	9.5
12	Renfrew (Abbotsinch)	65	45	45	-	-	13.0
	Eskdalemuir	66	41	35	Tr.	-	8.5
13A	Tiree	60	46	33	-	-	15.5
13B	Stornoway	60	50	*	-	-	3.0
15	Dalwhinnie	63	47	45	-	-	8.6
	Aberdeen	65	53	49	-	-	3.2
	Wick	58	51	*	-	-	*
16	Lerwick	55	49	*	0.6	-	0.0
17	Blacksod Point	62	46	*	-	-	*
18	Malin Head	60	47	*	-	-	12.9
	Aldergrove	64	40	34	-	-	4.6
	Donaghadee	62	46	*	-	-	*
19	Birr Castle	70	45	36	Tr.	-	8.4
20	Valentia Obsy.†	65	45	41	-	Tr.	10.4
	Roches Point	71	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 (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	bzobc	bcbyzo	bcyzobc	78	57	49	—	—	10.2	*	*	6
Croydon	217	cbmzy	bczzy	cbcmbc	78	54	49	—	—	7.3	*	*	7
Greenwich (Royal Observatory)	149	cbcy	bcy	cm	81	53	44	—	—	6.6	54	67	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7.2	*	*	*
Westminster (St. James' Park)	27	*	*	*	80	59	53	—		7.3	47	51	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	81	57	51	—	—	9.3	54	59	*
Camden Square	110	bc	cbc	*	80	57	51	—	—	*	*	64	*
Kensington	80	bc	bc	*	79	57	51	—	—	7.9	At 18h. 50	52	*
Hampstead Observatory	450	b	bc	bc	79	54	50	—	—	9.8	*	69	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0.5	21h 2nd	<0.3	9h 17, 2nd 23h 2nd–6h	0.2	21h 2nd	<0.1	17h 2nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 2nd July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 3rd July 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	1022.7	N	2	b	77	1024.9	NNE	1	3o	64	81	57	-	-
Brussels	1023.5	N	4	bc	70	1026.0	ENE	2	c	59	75	50	-	-
Berlin	1017.3	NW	5	c	75	1018.0	W	4	c	57	77	55	-	-
Zurich	1013.8	ENE	2	b	75	1021.2	SSW	1	bc	63	82	55	-	-
Rome	1013.4	NW	7	bc	73						*	*	-	

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.

† Our observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 4th JULY 1934.

No. 26522

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

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)	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)	10262	-4	-	0	c	72	45	6	8	-	-	7-8	7-8	4000
	Croydon	10257	-10	-	0	c	73	45	7	7	-	-	7-8	7-8	5700
	S. Farnborough	10258	-10	WNW	2	bc	73	45	7	7	-	-	4-6	4-6	5700
	Boscombe Down	10259	-8	NNW	3	bc	71	55	7	7	-	-	4-6	4-6	4000
	Calshot, S'thmtn	10267	-2	ESE	4	b	69	65	8	1	-	-	1	1	4000
	Dungeness	*	*	E	2	bc	*	*	7	4	7	*	2-3	4-6	4000
	Lympne	1027.3	0	SE'E	2	bc	64	65	8	7	-	8	4-6	4-6	4000
2	Shoeburyness	1026.8	-6	E'S	2	bc	69	55	8	7	2	9	2-3	4-6	4000
	Felixstowe	1026.9	-4	SSE	3	bc	66	55	8	1	-	6	2-3	4-6	4000
	Gorleston	10269	0	NNE	3	bc	65	55	6	1	-	1	2-3	4-6	4000
	Cranwell	10264	-6	N'W	2	bc	73	45	6	1	-	8	2-3	4-6	4000
3	Birmingham	10267	-2	N	3	b	71	45	8	-	-	1	0	1	-
	Upper Heyford	1026.1	-10	N	1	b	72	55	7	1	-	1	1	1	2500
4	Ross-on-Wye	10262	-4	WN	2	b	72	45	8	1	-	1	Tr.	1	5700
5	Portland Bill	10259	-6	E	2	b	67	75	7	-	-	-	0	0	-
	Plymouth	10259	-4	SW	3	b	68	75	7	1	-	-	Tr.	Tr.	4000
	The Lizard	10265	0	ESE	2	bc	69	65	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	10275	0	NEN	4	b	64	75	8	-	-	-	0	0	-
	Guernsey	10253	-2	ENE	1	zo	67	75	6	-	-	-	0	0	-
6	Pembroke	10269	-6	NNE	2	b	68	45	8	-	7	-	0	Tr.	-
7	Holyhead	10288	+2	NWN	2	bc	60	75	8	1	-	1	1	4-6	4000
	Chester (Sealand)	10284	0	NWW	4	bc	62	65	8	-	-	6	0	2-3	-
8	L'pool (Bidston)	10286	+2	NW	3	b	60	75	9	-	-	1	0	1	-
	Manchester	10276	-4	WNW	3	bc	67	55	8	1	-	1	Tr.	2-3	2500
9	Harrogate	10268	0	SE	1	b	69	55	8	7	-	1	Tr.	1	4000
10	Spurn Head	10278	+4	E'N	4	bc	64	65	8	-	7	1	0	4-6	-
	Catterick	10270	-4	NNE	2	bc	69	55	8	1	-	2	1	2-3	4000
	Tynemouth	10274	0	ENE	2	bc	60	85	8	1	6	-	2-3	2-3	4000
11	Inchkeith	10266	-4	S	1	bc	64	65	7	5	6	-	2-3	4-6	2500
	Leuchars	10265	-8	E	3	bc	68	55	8	1	3	-	Tr.	4-6	4000
12	Renfrew (Abbotts I)	1026.2	-8	SW	2	b	69	55	9	1	-	-	1	1	4000
	Eskdalemuir	10262	-4	S'W	2	bc	67	55	8	1	-	1	2-3	2-3	4000
13A	Tiree	10274	-4	SW'S	4	bc	60	75	9	2	7	-	2-3	4-6	2500
13B	Stornoway	10255	-6	SSW	4	c	55	75	9	5	7	-	7-8	10	2500
15	Dalwhinnie	10259	-4	WSW	3	bc	65	45	8	1	1	1	Tr.	4-6	5700
	Aberdeen	10269	+4	ESE	3	c	61	65	8	8	-	7	9	10	2500
	Wick	10269	+6	NW	3	pro	58	75	8	8	1	-	7-8	10	1500
16	Lerwick	10247	+4	WNW	2	c	55	65	8	8	3	-	7-8	7-8	2500
17	Blacksod Point	10280	-2	SSE	2	bc	62	75	9	1	-	-	2-3	2-3	4000
18	Malin Head	10274	+6	W	3	b	60	75	8	2	-	-	Tr.	Tr.	2500
	Aldergrove	10283	-6	WSW	2	bc	66	65	9	7	-	1	2-3	2-3	2500
	Donaghadee	10285	-4	ESE	2	bc	62	75	8	-	3	2	0	2-3	-
19	Birr Castle	10277	-12	S	2	bc	71	55	8	1	-	-	4-6	4-6	2500
20	Valentia Obsy.	1028.3	-6	WNW	2	b	63	75	9	1	-	-	Tr.	Tr.	2500
	Roches Point	10287	+2	SW	1	c	62	85	8	5	-	-	7-8	7-8	2500

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

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)
London (Kew)	1024.7	-6	E	2	bc	75	45	7	8	-	-	4-6	4-6	4000	0	•
Croydon	10244	-6	E'S	2	bc	73	55	7	7	-	-	4-6	4-6	7200	0	•
S. Farnborough	10243	-4	-	0	bc	75	45	7	7	-	-	2-3	2-3	5700	0	•
Boscombe Down	10245	-8	NE'N	1	b	74	45	7	1	-	-	Tr.	Tr.	4000	0	•
Calshot, S'thmtn	1025.1	-10	E	2	b	67	75	7	-	6	-	0	Tr.	-	0	2
Dungeness	*	*	NE	3	bc	*	*	7	5	7	*	2-3	4-6	4000	*	1
Lympne	1026.1	-6	ESE	2	bc	63	65	8	-	-	6	0	2-3	-	0	
Shoeburyness	1025.8	-6	E'S	3	bc	65	75	9	-	7	1	0	2-3	-	0	•
Felixstowe	10264	0	NE'E	3	bc	62	75	8	-	-	9	0	2-3	-	0	0
Gorleston	10266	-2	NNE	3	bc	62	65	7	-	-	1	0	2-3	-	0	2
Cranwell	10264	+2	E	3	bc	66	65	8	5	3	8	2-3	4-6	4000	0	
Birmingham	10250	-4	NNW	3	b	72	45	7	-	-	1	0	Tr.	-	0	•
Upper Heyford	1025.0	-6	N	1	b	75	45	7	-	-	1	0	Tr.	-	0	•
Ross-on-Wye	10244	-10	N'E	2	b	73	45	8	-	-	-	0	0	-	0	•
Portland Bill	10249	-4	E	2	b	61	85	7	-	-	-	0	0	-	0	2
Plymouth	10247	-6	SW	1	b	67	65	7	1	-	-	Tr.	Tr.	4000	0	0
The Lizard	10250	-6	E	1	b	68	65	7	-	-	-	0	0	-	0	0
Scilly (St. Mary's)	10256	-6	NNE	4	b	62	75	8	5	-	-	Tr.	Tr.	4000	0	2
Guernsey	10240	-10	ENE	2	b	66	75	7	-	-	-	0	0	-	0	2
Pembroke	10247	-6	NNE	2	b	66	55	7	5	-	-	1	1	4000	0	1
Holyhead	10265	-16	-	0	b	63	55	8	-	-	1	0	Tr.	-	0	0
Chester (Sealand)	1026.9	-10	NWN	3	bc	63	55	8	-	-	2	0	2-3	-	0	•
L'pool (Bidston)	1026.9	-4	NW	3	b	62	65	9	-	-	1	0	Tr.	-	0	•
Manchester	10264	-4	NNW	3	b	67	55	8	-	-	1	0	Tr.	-	0	•
Harrogate	10254	-6	SE	1	bc	70	55	7	2	4	2	Tr.	2-3	-	0	•
Spurn Head	10274	-2	E'S	1	bc	60	75	8	-	1	1	0	2-3	-	0	1
Catterick	10252	-4	E'S	1	bc	71	55	6	1	-	2	2-3	2-3	4000	0	•
Tynemouth	10259	-6	E	2	bc	58	85	8	1	-	-	2-3	2-3	4000	0	1
Inchkeith	10250	-12	W	1	b	64	85	8	4	-	-	1	1	4000	0	!
Leuchars	10250	-10	ESE	3	b	62	65	8	7	-	-	1	1	5700	0	•
Renfrew (Abbotts I)	10254	-4	W'S	3	b	66	65	9	4	4	-	Tr.	Tr.	4000	0	•
Eskdalemuir	10247	-4	SSW	3	bc	67	65	8	2	-	1	1	2-3	2500	0	
Tiree	10255	-8	SSW	4	ido	58	85	8	5	2	-	7-8	9+	2500	0	2
Stornoway	10232	-12	SSW	4	roro	54	95	6	8	2	-	4-6	10	800	1	2
Dalwhinnie	10249	-2	W	5	c	62	65	8	4	4	-	7-8	9	4000	0	•
Aberdeen	10261	-6	E	2	iro	54	85	6	6	7	-	7-8	10	4000	0	1
Wick	10252	-8	NW	1	roro	52	95	7	8	2	-	7-8	10	1500	1	2
Lerwick	10245	0	NNE	1	c	54	75	8	8	7	-	4-6	7-8	1500	0	
Blacksod Point	1027.0	-4	W	3	bc	61	75	9	1	-	-	2-3	2-3	4000	0	2
Malin Head	10269	-6	WNW	2	bc	61	85	8	7	-	9	1	2-3	4000	0	0
Aldergrove	1026.0	-12	SW	2	bc	69	55	8	1	5	4	1	4-6	4000	0	
Donaghadee	10266	-6	S	2	bc	60	75	8	8	3	2	2-3	4-6	2500	0	0
Birr Castle	10256	-16	WNW	2	b	73	45	8	1	-	-	Tr.	Tr.	2500	0	•
Valentia Obsy.	10268	-6	WN	2	b	63	75	9	1	-	-	Tr.	Tr.	2500	0	0
Roches Point	1026.7	-10	SW	1	bc	64	75	8	5	-	-	2-3	2-3	2500	0	1

PAST 24 HOURS.

Stations	Weather 7h.–13h. 3rd (37)	13h.–18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.–7h. 4th (40)
London (Kew)	bczo	bcy	bzo	bzow
Croydon	bcy	bczoy	bcyb	bbcmo
S. Farnborough	bczo bcy	bcy	bcybw	bwb
Boscombe Down	bcmzoy	bcyby	by	bmo
Calshot, S'thmtn	bmobcy	b	bbw	bwb
Dungeness	bc	bc	*	bc
Lympne	bc	bc	bbmo	bmob
Shoeburyness	cbc	bc bv	bv	bw
Felixstowe	bcvy	bcvy	bcv	bc
Gorleston	bcy	bcy	bc	bcc
Cranwell	bczoy	zo bcy	bcbbm	bbcmo
Birmingham	b	b	b	bbc
Upper Heyford	bczo	by	b	bmo
Ross-on-Wye	by	by	byb	bmwbc
Portland Bill	b	b	b	b
Plymouth	b	b	bzow	bwzo
The Lizard	bbc	bcb	b	b
Scilly (St. Mary's)	b	b	b	bw
Guernsey	bzo	bzb	bw	bw
Pembroke	by	b	bcbw	bz
Holyhead	bc	bcby	bbw	bwbc
Chester (Sealand)	bcb	by	bwmo	bcijw
L'pool (Bidston)	bbcb	bv	b	bbfmw
Manchester	bfby	by	bw	bwf
Harrogate	b	b	b	b
Spurn Head	bc	bcv	bcw	bc
Catterick	bcy	bczoy	yzobw	bwbc
Tynemouth	bc	bc	bc	bc
Inchkeith	cbc	bcb	bcc	cbc
Leuchars	cy	bcyb	bbc	bcc
Renfrew (Abbotts I)	bcb	by	bybc	bcc
Eskdalemuir	cby	byb	b	bbcc
Tiree	cbcc	bcc	cDrc	drrf
Stornoway	cproc	crr	c	c
Dalwhinnie	bc	bc	•	bc
Aberdeen	cbcc	ciro	cido	c
Wick	cpro	cror	cror	rrddoff
Lerwick	c	c	cbcc	cproorro
Blacksod Point	bc	bc	b	bc
Malin Head	bc	bc	bc	bc
Aldergrove	bFFwbc	bcb	bcybw	bwFF
Donaghadee	bcb	bbc	bc	bczo
Birr Castle	cbcy	bcby	bbc	bcb
Valentia Obsy.	bcbv	bv	bvw	bwbcef
Roches Point	c	cbc	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, 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_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.

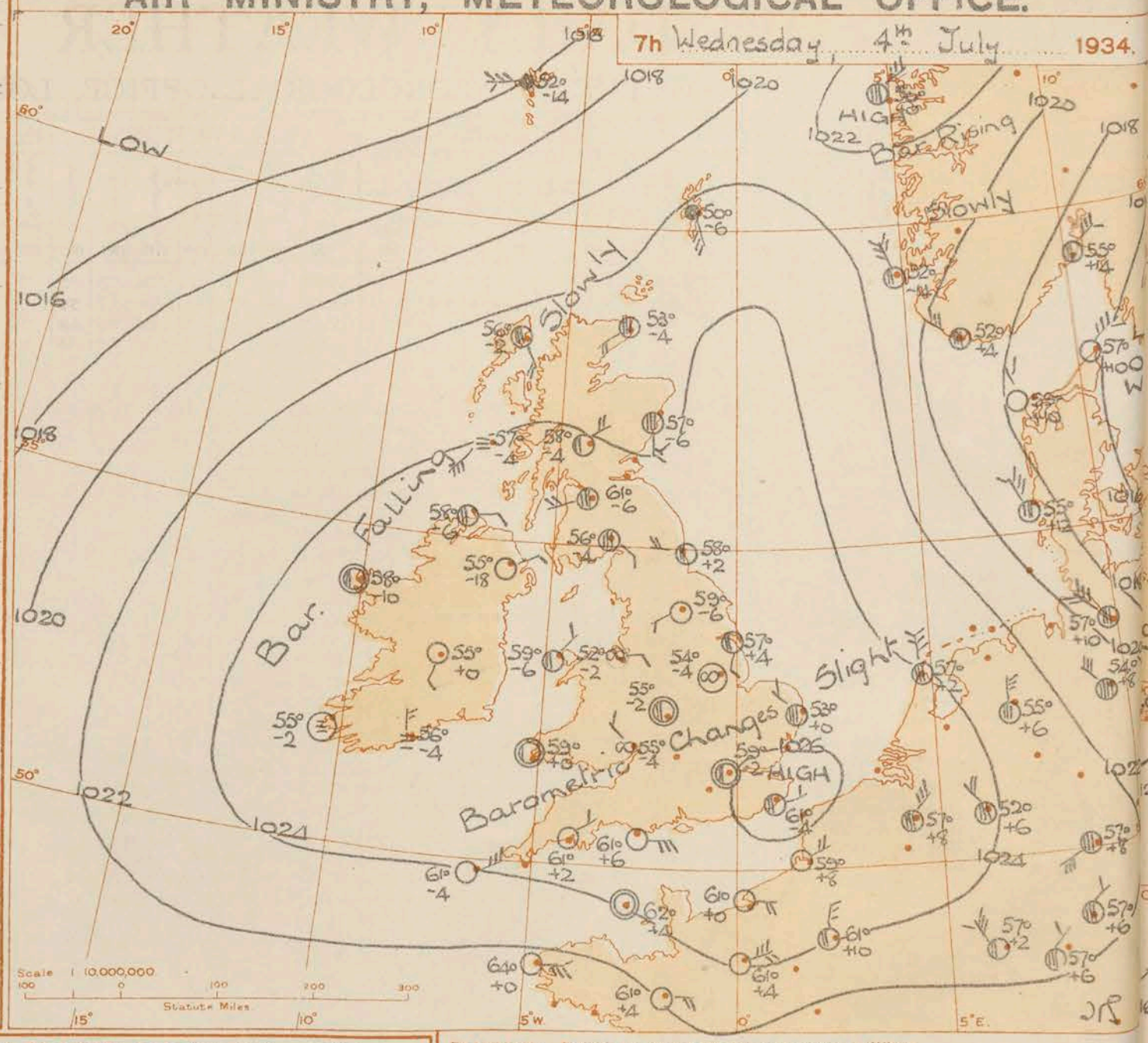
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Tues. 3rd July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	bbc	bco	49	75	-	-	8.7	9.4
	Bournemouth	b	b	55	73	-	-	11.0	13.0
	Ventnor ...	bbc3	bcb3	59	69	-	-	10.8	12.6
	Southsea ...	cb	b	59	71	-	-	10.2	10.9
	Bognor Regis	bcb	b	56	68	-	-	8.4	10.4
	Littlehampton	bbc	bcb	55	68	-	-	8.3	9.8
	Worthing ...	bbcb	b	56	65	-	-	8.9	9.8
	Brighton ...	bc	b	57	67	-	-	10.9	10.5
	Eastbourne†	b	bbcwy	56	68	-	-	11.5	8.7
	Hastings† ...	b	bbc.bc	55	67	-	-	11.5	9.6
	Folkestone ...	b	b	55	67	-	-	12.0	11.9
	Dover... ...	b	bbc	55	69	-	-	11.6	12.6
	Deal	bbcb	b	53	69	-	-	11.4	12.2
	Ramsgate ...	b	b	57	66	-	-	11.8	11.5
	Margate ...	bc	bc	58	67	-	-	12.1	11.4
2	Southend ...	cbcb	b	54	72	-	-	9.5	10.7
	Maldon ...	b	bbc	48	75	-	-	9.4	8.3
	Clacton-on-Sea	bc	bc	53	67	-	-	11.8	10.7
	Dovercourt ...	bcv	bcv	52	68	-	-	12.2	11.4
	Lowestoft ...	b	b	45	69	-	-	11.6	12.2
	Skegness ...	b	b	50	67	-	-	11.5	10.6
	Mablethorpe	bc	bcv	46	62	-	-	12.0	10.8
	Cleethorpes ...	b3	b	51	65	-	-	11.6	11.1
3	Leamington S.	b	b	50	77	-	-	11.2	12.7
4	Cheltenham†	by	b3.y	51	78	-	-	11.8	12.9
5	Bath	b	b	55	77	-	-	10.8	12.2
	Weymouth ...	b	b	59	72	-	-	12.0	14.2
	Jersey ...	b	b	60	79	-	-	12.0	14.5
	Torquay ...	b	b3	55	74	-	-	12.4	12.2
	Penzance ...	b	b	58	73	-	-	11.0	13.0
	St. Ives ...	b	b	57	64	-	-	12.4	14.9
	Bude	wb	b	44	68	-	-	11.8	14.9
	Ilfracombe ...	b	b	56	67	-	-	12.3	15.3
6	Aberystwyth	3bc	bc	49	66	-	-	11.5	11.8
7	Llandudno ...	b	b	49	64	-	-	12.3	9.2
	Colwyn Bay...	bcb	b	49	63	-	-	12.1	8.8
	Rhyl	b	b	45	62	-	-	12.1	9.8
8	Wallasey ...	b	b	56	65	-	-	12.5	11.5
	Southport‖ ...	cbcb	b	55	65	-	-	12.3	13.3
	Blackpool ...	cbc	bcb	55	64	-	-	11.7	14.9
	Morecambe ...	b	b	50	67	-	-	11.5	15.5
9	Ilkley... ...	b	b	47	78	-	-	10.4	11.3
10	Berwick-on-T.	bc	bc	49	61	-	-	9.8	11.6
11	Dunbar ...	bc	bc	49	62	-	-	9.6	10.9
12	Troon... ...	wcbv	bbcb	52	72	-	-	12.2	12.7
	Douglas ...	cbbc	bc	50	65	-	-	11.4	12.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 4/10 to 5/10 clouded. Sky 7/10 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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 4th July, 1934.
1 S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable wind; fine or fair; warm.
5. S.W. England	Light or moderate easterly wind; fine; warm.
6. South Wales 7. North Wales	As 1 - 4.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable to southwesterly winds; fair or fine; warm.
13. A. W. Scotld. B. N.W. Scotland	Light or moderate southwesterly wind; cloudy; local drizzle; average or rather high temperature.
14. Mid-Scotland	Light or moderate southwesterly wind; mainly fair; rather warm.
15. N.E. Scotland 16. Orkneys and Shetlands	Light or moderate south to southwest wind; local rain at first; then mainly fair; average or rather high temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable to light or moderate southerly wind; fine or fair; warm.

GENERAL INFERENCE.

A large anticyclone over the British Isles is tending to decrease in intensity and drift eastwards.

Weather will be fair or fine except for local rain at first in the extreme North.

FURTHER OUTLOOK.

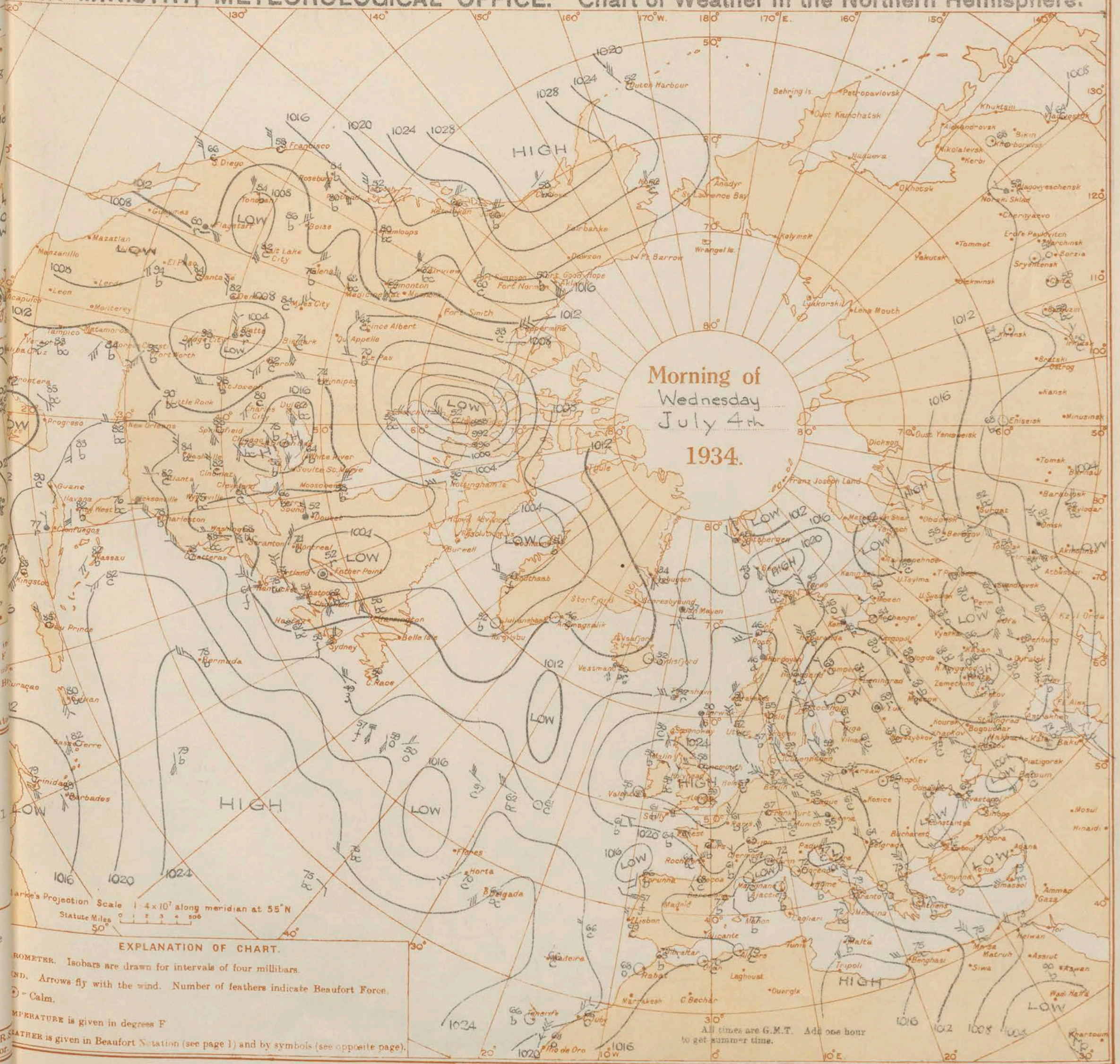
Mainly fair or fine but a tendency to become less settled with perhaps local thunder later.

Forecasts issued at 0930 G.M.T.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 4th JULY 1934.

No. 26522

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

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	1026.4	+2	SE'S	1	bo	53	85	7	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1026.9	+2	ENE	3	bo	51	95	6	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1026.3	0	WNW	1	bc	54	85	7	4	–	–	2-3	2-3	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1025.0	-4	E	3	b	60	75	7	–	–	–	0	0	–
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1024.8	0	NE	3	b	58	85	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1024.9	-6	NE'N	3	b	56	95	8	–	–	–	0	0	–
	Guernsey	175	1024.6	+2	–	0	b	59	85	7	–	–	–	0	0	–
6	Pembroke	142	1024.2	0	NE	1	b	56	85	8	5	–	–	Tr	Tr	5700
7	Holyhead	26	1025.9	-2	–	0	bc	54	85	8	–	4	1	0	2-3	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1026.7	0	–	0	bc	54	95	8	–	1	–	0	2-3	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1025.4	-8	S	2	bc	56	85	6	5	–	–	4-6	4-6	800
11	Inchkeith	190	1025.3	+4	W	1	c	56	95	8	5	–	–	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1023.0	0	S	3	c	53	95	7	5	2	–	9	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1023.8	-8	S	2	ro ro	51	95	7	6	2	–	7-8	10	1500
16	Lerwick	54	1024.7	+4	S'E	3	c	50	95	8	5	3	1	4-6	7-8	800
17	Blacksod Point	18	1026.4	-2	–	0	bo	50	95	9	–	–	–	0	0	–
18	Malin Head	52	1025.7	-2	W	1	bo	51	95	8	5	3	4	Tr	1	4000
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1026.3	-10	SSW	1	bo	55	95	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	1026.1	0	–	0	b	61	65	6	7	–	–	Tr	Tr	4000	0	*
Croydon	1025.9	-2	–	0	b	59	75	6	–	3	–	0	Tr	–	0	*
S. Farnborough	1025.8	0	SSE	2	b	59	65	7	–	–	1	0	Tr	–	0	*
Boscombe Down	1025.8	+2	ESE	1	ho	59	85	6	–	–	1	0	1	–	0	*
Calshot (S'thmtn)	1025.6	+2	ESE	3	b	62	65	7	–	–	–	0	0	–	0	1
Dungeness	*	*	NE	1	bc	*	*	7	5	–	*	2-3	2-3	2500	*	1
Lympne	1026.2	-4	ENE	1	b	61	65	8	–	–	1	0	Tr	–	0	*
Shoeburyness	1026.3	0	SSE	1	bc	62	75	8	–	4	8	0	2-3	–	0	*
Felixstowe	1026.1	0	–	0	bc	61	65	8	–	–	9	0	2-3	–	0	0
Gorleston	1025.9	0	NWW	1	c	53	85	6	4	–	–	7-8	7-8	2500	0	2
Cranwell	1025.8	-4	–	0	ho	54	85	6	–	–	4	0	2-3	–	0	*
Birmingham	1025.4	-2	–	0	bc	55	85	5	–	–	9	0	2-3	–	0	*
Upper Heyford	1025.9	-2	ESE	1	ho	56	85	6	–	3	6	0	2-3	–	0	*
Ross-on-Wye	1025.3	-4	NNW	1	ho	57	75	6	–	–	1	0	2-3	–	0	*
Portland Bill	1025.1	+6	E	3	b	61	85	7	–	–	–	0	0	–	0	3
Plymouth	1024.4	+2	NE	1	b	61	75	8	–	–	–	0	0	–	0	0
The Lizard	1024.2	0	NE'E	4	b	61	85	8	–	–	–	0	0	–	0	1
Scilly (St. Mary's)	1023.4	-4	E'N	3	b	61	95	6	–	–	–	0	0	–	0	2
Guernsey	1024.0	+4	–	0	b	62	75	7	–	–	–	0	0	–	0	2
Pembroke	1024.8	0	NE	1	b3	59	85	6	5	–	4	1	1	5700	0	1
Holyhead	1024.7	-6	NNE	1	bc	59	75	8	–	–	4	0	2-3	–	0	1
Chester (Sealand)	1025.6	-2	ESE	1	ho	52	95	5	–	–	2	0	4-6	–	0	*
L'pool (Bidston)	1025.5	-2	–	0	bcf	59	85	4	–	–	2	0	2-3	–	0	*
Manchester	1025.2	-2	–	0	bcf	47	95	3	–	–	4	0	2-3	–	0	*
Harrogate	1025.1	-6	SW	1	bc	59	75	7	–	4	4	0	2-3	–	0	*
Spurn Head	1025.9	+4	S'W	1	bc	57	85	7	4	–	9	2-3	2-3	1500	0	2
Catterick	1024.9	-6	~~NE~~	2	bc	59	85	8	–	–	6	0	4-6	–	0	*
Tynemouth	1024.1	0	~~ESE~~ W	2	bc	58	75	6	2	–	1	2-3	4-6	2500	0	1
Inchkeith	1024.2	+2	SW	1	c	56	85	8	5	3	–	9+	9+	2500	0	1
Leuchars	1024.1	-4	WSW	1	c	59	85	8	5	4	1	4-6	9	7200	0	*
Renfrew (Abbotts I)	1024.4	-6	W'S	2	c	61	85	8	8	–	–	9+	9+	4000	0	*
Eskdalemuir	1024.7	-4	SE'E	1	c	56	85	8	5	–	3	9	9+	1500	0	
Tiree	1024.3	-4	SWS	3	f	57	95	3	5	–	–	10	10	<150	1	1
Stornoway	1022.8	-2	SSE	2	c	56	95	7	5	7	–	7-8	9+	1500	1	1
Dalwhinnie	1024.2	-4	NE	2	bc	58	85	8	4	4	–	2-3	4-6	800	0	*
Aberdeen	1023.7	-6	S	2	c	57	85	7	5	7	–	9+	10	4000	0	1
Wick	1022.7	-4	SW	2	c	53	95	7	5	2	–	7-8	10	1500	1	2
Lerwick	1022.5	-6	S'E	3	ro ro	50	95	6	6	–	–	10	10	800	1	*
Blacksod Point	1024.2	-10	–	0	b	58	85	9	1	–	–	1	1	4000	0	1
Malin Head	1024.5	-6	E	1	b	58	85	8	5	–	–	Tr	Tr	4000	0	0
Aldergrove	1025.2	-18	ENE	1	b/f	55	95	6	–	–	–	0	0	–	0	*
Donaghadee	1025.4	-2	–	0	bc	52	95	6	7	–	–	2-3	2-3	2500	0	0
Birr Castle	1024.6	0	SSW	1	b	55	95	8	–	–	–	0	0	–	0	*
Valentia Obsy.†	1024.3	-2	–	0	cf	55	95	3	5	–	–	7-8	7-8	<150	0	0
Roches Point	1024.3	-4	N	2	f	56	95	3	5	–	–	10	10	<150	0	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 3rd Hrs. (36)
London (Kew)	77	54	43	–	–	8.9
Croydon	73	49	44	–	–	7.7
S. Farnborough	78	45	36	–	–	11.7
Boscombe Down	75	52	43	–	–	13.4
Calshot (S'thmtn)	72	55	48	–	–	13.8
Dungeness	67	46	*	–	–	*
Lympne	66	46	41	–	–	13.6
Shoeburyness	70	46	37	–	–	10.8
Felixstowe	67	47	44	–	–	13.3
Gorleston	67	49	47	–	–	14.7
Cranwell	76	45	40	–	–	12.7
Birmingham	74	52	37	–	–	13.6
Upper Heyford	76	51	41	–	–	*
Ross-on-Wye	75	49	41	–	–	14.4
Portland Bill	70	57	*	–	–	*
Plymouth	68	54	51	–	–	14.6
The Lizard	69	57	*	–	–	*
Scilly (St. Mary's)	65	55	*	–	–	15.3
Guernsey	68	56	50	–	–	14.6
Pembroke	70	53	*	–	–	15.2
Holyhead	64	53	39	–	–	15.4
Chester (Sealand)	65	37	31	–	–	15.2
L'pool (Bidston)	63	53	45	–	–	15.2
Manchester	70	39	36	–	–	12.2
Harrogate	71	49	44	–	–	14.1
Spurn Head	66	52	*	–	Tr	13.7
Catterick	73	44	39	–	–	13.6
Tynemouth	61	53	50	–	–	*
Inchkeith	66	55	53	–	–	13.9
Leuchars	69	54	51	–	–	9.6
Renfrew (Abbotts I)	70	54	52	–	–	15.2
Eskdalemuir	70	41	36	–	–	15.1
Tiree	61	56	56	(Tr)	2	3.8
Stornoway	56	53	*	2	–	0.0
Dalwhinnie	71	53	53	–	–	6.6
Aberdeen	63	53	52	Tr	Tr	2.4
Wick	58	50	*	1	3	*
Lerwick	58	49	*	–	1	3.3
Blacksod Point	62	48	*	–	–	*
Malin Head	61	48	*	–	–	14.3
Aldergrove	70	46	41	–	–	12.1
Donaghadee	64	41	*	–	–	*
Birr Castle	73	47	37	–	–	12.5
Valentia Obsy.†	65	47	41	–	Tr	15.4
Roches Point	67	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	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
Kew	18	bc jo	bc y	b jo w	77	54	43	–	–	8.9	*	*	6
Croydon	217	bc y	bc jo y	bc y o bc y	73	49	44	–	–	7.7	*	*	8
Greenwich (Royal Observatory)	149	c jo y	c jo y	b y	76	49	37	–	–	7.7	49	52	6
City (Bunhill Row)	—				*	*	*	*	*	6.6	*	*	*
Westminster (St. James' Park)	27	*	*	*	78	57	51	–		8.6	39	46	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	79	54	48	–	–	7.0	49	45	*
Camden Square	110	bc	cbc	*	79	54	48	–	–	*	*	52	*
Kensington	80	bc	bc	*	77	55	47	–	–	7.1	At 18h. 45	50	*
Hampstead Observatory	450	bm	bc	b	76	53	47	–	–	7.5		55	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6	11h 3rd	<0.3	14h 3rd to 7h 4th

Kew Observatory Max.	Time.	Min.	Time.
0.2	24h 3rd	<0.1	20h 3rd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 3rd July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 4th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1023.0	N	3	bc	73	1024.3	NNE	3	b	61	77	54	–	–
Brussels	1024.6	N	4	bc	64	1024.7	NNE	3	c	57	70	46	–	–
Berlin	1015.6	WNW	6	c	63	1015.5	W'N	5	c	55	64	52	–	–
Lisbon	1019.6	NNE	2	c	70	1019.5	NNE	3	b	57	81	52	–	–
Rome	1013.9	NW	3	c	75	1012.5	NE	1	b	77	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	1½ miles.
5	Poor visibility	2½ „
6	Moderate „	6½ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

†1 hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 5th. July 1934.

No. 26,523.

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

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)	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)	1023.9	-16	W'S	1	bc	72	45	7	1	-	2	Tr.	4-6	4000
	Croydon	1023.6	-18	-	0	bc	75	45	7	1	-	2	4-6	4-6	5700
	S. Farnborough	1023.5	-10	E	1	bc	75	45	7	1	-	-	4-6	4-6	5700
	Boscombe Down	1023.6	-14	S	2	bc	76	55	7	1	-	1	2-3	2-3	4000
	Calshot, S'thmtn	1024.3	-4	ESE	3	b	69	65	8	-	4	9	0	Tr.	-
	Dungeness	*	*	E	2	bc	*	*	7	5	7	*	2-3	4-6	4000
	Lympne	1025.3	-6	ESE	3	bc	64	65	8	-	-	8	0	4-6	-
2	Shoeburyness	1025.0	-10	ESE	2	bc	63	75	8	-	-	6	0	4-6	-
	Felixstowe	1025.3	-6	SE'E	3	bc	62	75	8	-	-	4	0	4-6	-
	Gorleston	1025.0	-2	ESE	3	c	61	65	7	5	-	-	7-8	7-8	4000
	Cranwell	1023.4	-12	WNW	1	3₀	78	45	6	-	9	9	0	4-6	-
3	Birmingham	1023.2	-4	WSW	2	bc	75	45	8	1	-	1	1	4-6	4000
	Upper Heyford	1023.3	-12	W	2	c	80	45	8	1	-	6	4-6	7-8	4000
4	Ross-on-Wye	1022.7	-8	W	2	bc	78	45	7	1	-	9	2-3	2-3	5700
5	Portland Bill	1024.1	-10	SE	2	b	66	75	8	-	-	-	0	0	-
	Plymouth	1023.4	-6	ESE	4	b	73	55	8	-	-	-	0	0	-
	The Lizard	1023.0	-2	E'N	4	b	66	75	7	-	-	1	0	Tr.	-
	Scilly (St. Mary's)	1022.5	-4	E'S	4	b	67	75	7	-	-	-	0	0	-
	Guernsey	1023.4	-6	E'S	2	b	68	65	7	-	-	-	0	0	-
6	Pembroke	1023.4	-2	SE'S	1	b	66	65	6	5	-	-	1	1	5700
7	Holyhead	1023.8	-6	NW	1	b	63	75	8	-	-	1	0	1	-
	Chester (Sealand)	1023.4	-14	NE'N	1	3₀	74	55	6	-	-	2	0	2-3	-
8	L'pool (Bidston)	1024.0	-6	NNW	2	bc	70	55	9	-	-	4	0	2-3	-
	Manchester	1023.2	-14	NW	1	bc	75	35	6	-	-	6	0	4-6	-
9	Harrogate	1022.9	-6	SE	1	bc	73	55	9	-	-	4	0	4-6	-
10	Spurn Head	1024.0	-6	SSE	3	c	62	85	8	-	2	1	0	7-8	-
	Catterick	1022.8	-8	E	1	bc	75	45	7	-	-	6	0	4-6	-
	Tynemouth	1023.7	-4	ESE	2	bc	62	85	7	1	-	2	2-3	4-6	4000
11	Inchkeith	1023.1	-10	SW	1	c	72	85	8	5	3	-	9+	9+	2500
	Leuchars	1023.1	-6	E	3	bc	71	65	7	7	-	9	4-6	4-6	5700
12	Renfrew (Abbotsl.)	1022.8	-6	WNW	2	c	69	75	8	8	-	-	9+	9+	4000
	Eskdalemuir	1022.4	-4	S'W	1	c	67	75	8	5	-	-	10	10	2500
13A	Tiree	1023.8	-6	SE'S	1	c	60	85	7	5	-	-	9	9	800
13B	Stornoway	1022.3	-4	SSW	3	c	59	85	7	8	7	-	7-8	7-8	1500
15	Dalwhinnie	1023.0	0	SW	2	ir	64	95	6	3	2	-	7-8	10	800
	Aberdeen	1022.5	-8	SSE	2	c	68	55	8	7	7	1	Tr.	7-8	2600
	Wick	1022.1	-2	S	1	c	55	95	7	5	1	-	7-8	9	1500
16	Lerwick	1020.7	-6	SW	3	id	53	95	4	5	-	-	10	10	220
17	Blacksod Point	1022.5	-6	-	0	bc	65	65	9	1	3	-	Tr.	4-6	4000
18	Malin Head	1022.9	-8	E'N	2	bc	58	95	8	2	-	-	2-3	2-3	2500
	Aldergrove	1023.2	-10	SSW	2	3₀	73	65	8	1	-	-	4-6	4-6	4000
	Donaghadee	1023.8	-6	SSE	1	bc	64	65	7	5	3	-	2-3	4-6	1500
19	Birr Castle	1022.5	-4	S	1	bc	77	45	8	1	-	-	2-3	2-3	2500
20	Valentia Obsy.	1022.1	-14	S	3	bc	68	75	8	1	-	6	1	2-3	2500
	Roches Point	1022.7	-8	SE	2	bc	63	85	8	5	-	-	2-3	2-3	2500

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

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)	1021.3	-16	SSW	3	bc	76	45	8	1	-	-	2-3	2-3	2500	0	*
	Croydon	1021.4	-10	SW'S	3	b	71	45	8	7	-	1	Tr.	1	5700	0	*
	S. Farnborough	1021.3	-8	S	3	b	72	55	8	-	-	1	0	1	-	0	*
	Boscombe Down	1021.6	-8	SSW	3	b	71	55	7	-	-	1	0	Tr.	-	0	*
	Calshot, S'thmtn	1022.5	-18	E	3	b	66	65	8	-	-	-	0	0	-	0	2
	Dungeness		*	E	2	bc	*	*	7	-	7	*	0	4-6	-	*	1
	Lympne	1023.3	-12	E'S	3	bc	62	55	8	-	1	1	0	4-6	-	0	*
2	Shoeburyness	1022.8	-10	ESE	3	c	64	65	8	-	-	8	0	7-8	-	0	*
	Felixstowe	1023.4	-10	ESE	3	bc	60	85	8	-	-	4	0	4-6	-	0	1
	Gorleston	1023.5	-10	SE'S	3	bc	61	75	7	4	3	-	2-3	4-6	4000	0	2
	Cranwell	1021.4	-6	ESE	2	c	75	55	6	-	3	8	0	7-8	-	0	*
3	Birmingham	1020.6	-14	WNW	2	bc	78	45	7	7	-	1	2-3	2-3	2500	0	*
	Upper Heyford	1020.7	-14	W	1	bc	77	55	7	2	-	-	4-6	4-6	4000	0	*
4	Ross-on-Wye	1020.7	-14	WSW	2	b	77	45	7	-	-	1	0	1	-	0	*
5	Portland Bill	1022.0	-16	E	2	b	61	75	8	-	-	-	0	0	-	0	2
	Plymouth	1021.4	-8	E'S	4	b	70	45	8	-	-	1	0	Tr.	-	0	1
	The Lizard	1020.8	-12	ENE	4	b	64	75	8	7	-	-	1	1	4000	0	1
	Scilly (St. Mary's)	1020.5	-12	ESE	4	b	65	85	7	-	-	-	0	0	-	0	2
	Guernsey	1021.1	-18	E'N	4	bc	64	65	9	-	-	6	0	2-3	-	0	3
6	Pembroke	1020.4	-16	NW	1	b	68	55	7	-	-	-	0	0	-	0	1
7	Holyhead	1021.4	-18	N	1	b	66	65	8	-	-	-	0	0	-	0	1
	Chester (Sealand)	1022.2	-6	WNW	3	b	67	65	7	-	4	1	0	1	-	0	*
8	L'pool (Bidston)	1022.3	-8	NW'N	2	b	68	65	8	-	-	1	0	1	-	0	*
	Manchester	1021.5	-4	NW'N	3	b	74	45	8	-	-	1	0	Tr.	-	0	*
9	Harrogate	1021.1	-10	SW	1	b	77	35	8	-	4	1	0	Tr.	-	0	*
10	Spurn Head	1022.2	-6	SSE	4	c	60	85	7	-	1	4	0	9+	-	0	3
	Catterick	1020.9	-2	NNE	3	bc	72	55	6	-	-	1	0	2-3	-	0	*
	Tynemouth	1022.3	-10	S	1	bc	62	85	6	2	4	-	2-3	4-6	2500	0	1
11	Inchkeith	1022.1	-12	NE	1	bc	59	95	8	5	6	-	Tr.	2-3	2500	0	1
	Leuchars	1021.3	-10	SE	3	c	67	75	7	5	3	-	7-8	7-8	5700	0	*
12	Renfrew (Abbotsl.)	1020.6	-12	SW'W	2	b	72	55	9	1	-	-	Tr.	Tr.	4000	0	*
	Eskdalemuir	1020.3	-14	SW'S	2	b	73	65	8	1	-	-	1	1	4000	0	*
13A	Tiree	1021.5	-16	N'W	1	f	56	95	2	5	-	-	10	10	<150	1	1
13B	Stornoway	1021.2	-10	S	3	bc	60	85	7	2	7	8	2-3	2-3	1500	1	2
15	Dalwhinnie	1021.3	-8	SW	1	bc	64	95	8	3	4	-	4-6	4-6	4000	1	
	Aberdeen	1022.0	-4	SE	2	c	63	65	8	5	-	-	9+	9+	4000	0	0
	Wick	1022.9	-4	SSE	2	c	58	95	7	8	1	-	7-8	9	1500	1	1
16	Lerwick	1020.3	-8	WSW	3	c	54	55	6	5	1	-	7-8	9+	800	1	*
17	Blacksod Point	1020.2	-8	-	0	bc	61	75	9	1	-	1	Tr.	2-3	4000	0	1
18	Malin Head	1021.3	-6	N	2	b	60	95	7	-	3	-	0	1	-	0	1
	Aldergrove	1020.8	-16	SE'S	3	3₀	71	65	8	1	-	-	1	1	4000	0	*
	Donaghadee	1021.5	-6	-	0	bc	65	75	8	5	-	-	2-3	2-3	1500	0	0
19	Birr Castle	1019.8	-10	S	2	b	76	45	8	1	-	-	1	1	2500	0	*
20	Valentia Obsy.	1019.9	-12	W'N	2	c	64	75	8	1	-	2	Tr.	7-8	2500	0	0
	Roches Point	1020.6	-12	SE	2	bc	65	85	8	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS. WEATHER.

District	Stations	7h.–13h. 4th. (37)	13h.–18h. 4th. (38)	18h. 4th. to 1h. 5th. (39)	1h.–7h. 5th. (40)
1	London (Kew)	b3₀bcy	bcy	b	by
	Croydon	b3₀bcy	bcy	byb	b
	S. Farnborough	bybcy	bcyby	bybcb	bm₀
	Boscombe Down	b3₀bbcy	bcy by	bybcb	b
	Calshot, S'thmtn	b	b	bw	bwbm₀
	Dungeness	bc	bc	*	b
	Lympne	bbc	bcy	bcy bw	bwcb
2	Shoeburyness	bbc	bc	bc	bcb
	Felixstowe	bcy	bc	bc	bcb
	Gorleston	cbcc	cbc	bcb	bbc
	Cranwell	bc3₀y	bc3₀y	bcm₀	bcm₀
3	Birmingham	bc	bc	bcb	bm
	Upper Heyford	bccy	cbcy	bcyb	bbm₀
4	Ross-on-Wye	bbcy	by	byb	bm₀w
5	Portland Bill	b	b	b	b
	Plymouth	by	by	by	b
	The Lizard	b	bbc	cb	bbcw
	Scilly (St. Mary's)	b	b	bbcb	b
	Guernsey	b	b	bbcb	b
6	Pembroke	b3	b3₀by	b	bc
7	Holyhead	bcb	b	bbcw	bcbw
	Chester (Sealand)	bc3₀y	by	bwm₀	bwm
8	L'pool (Bidston)	bcy	by b	bbc	bcbmw
	Manchester	bfbcy	by	bwm₀	bwm
9	Harrogate	bbc	bcb	b	b
10	Spurn Head	b	bc	cbc	bc
	Catterick	bcy	bcb3₀y	y3₀bw	bm₀
	Tynemouth	bc	bc	bc	bcbff
11	Inchkeith	c	cbc	bc	cbc3₀
	Leuchars	cbc	bcc	bccbm₀	bcwm₀fg
12	Renfrew (Abbotsl.)	c	cbcby	bybw	wb3₀
	Eskdalemuir	c	cbcby	bw	bwm₀
13A	Tiree	fioc	cbiff	ffbcw	bc
13B	Stornoway	c	cbc	bcc	cF
15	Dalwhinnie	ir	ir	*	b
	Aberdeen	c3₀bcc	cyc	cm₀	bcbm₀w
	Wick	c	c	r₀FF	r₀Fe
16	Lerwick	ofsf₀idm	Oidmcm	cmffec	c
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head	bc	bc	bc	bc
	Aldergrove	bm₀bc3₀	bcb3₀	b3₀bw	bcwb3₀
	Donaghadee	bc	bc	bcb	b
19	Birr Castle	bbc	bcb	bbc	bc
20	Valentia Obsy.	c[illegible]bc	bcc	cbcbw	bwbcc
	Roches Point	ffebc	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/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 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.

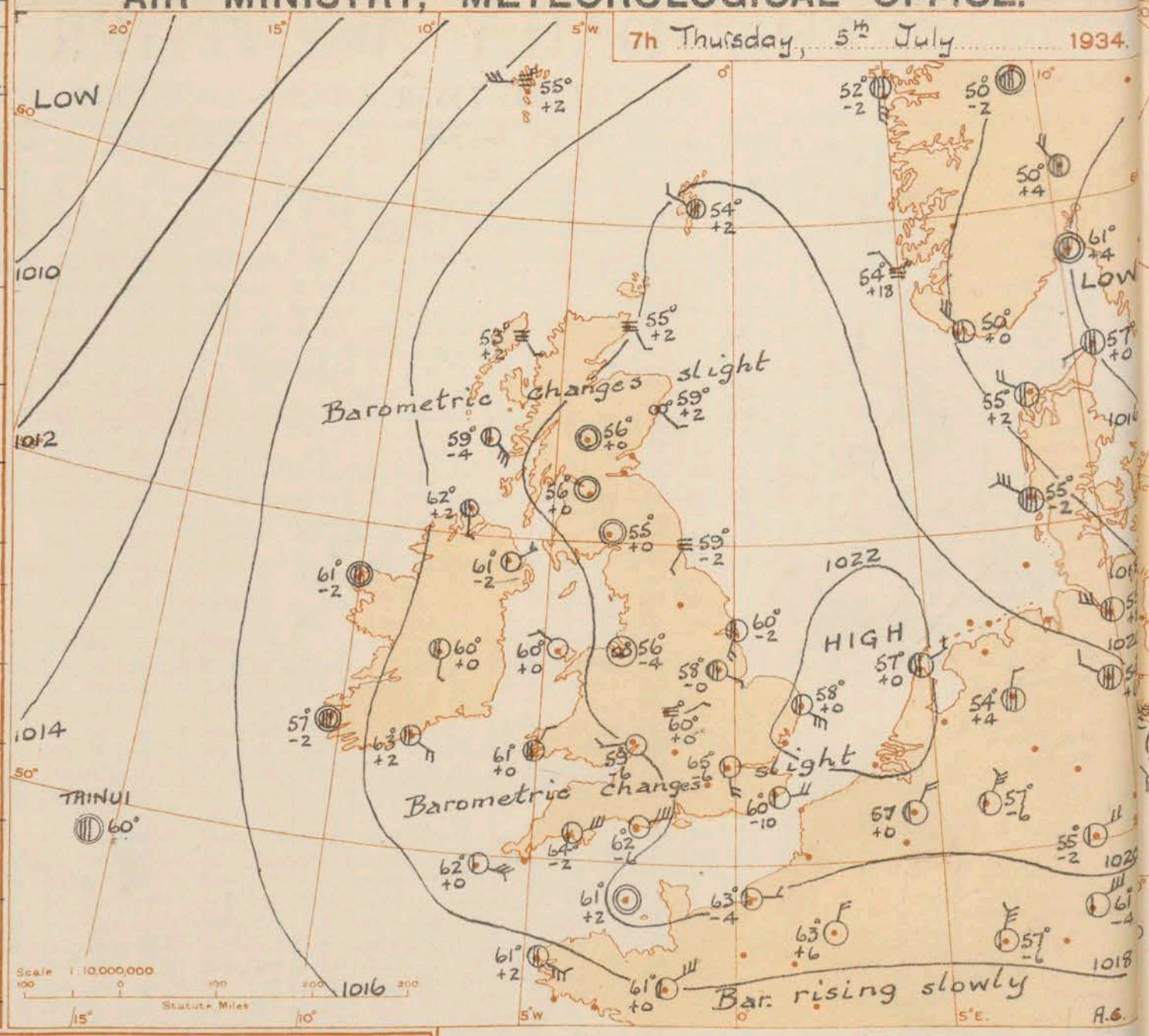
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Wednesday 4th July 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.	b	b	47	77	-	-	12.3	10.3
	Bournemouth	b	b	51	71	-	-	12.0	13.3
	Ventnor ...	b	b	58	72	-	-	12.1	12.7
	Southsea ...	b	b	55	68	-	-	12.4	12.4
	Bognor Regis	b	b	54	67	-	-	12.2	10.3
	Littlehampton	b	b	50	66	-	-	12.2	10.3
	Worthing ...	b	b	52	64	-	-	12.1	11.0
	Brighton ...	b	bc	54	67	-	-	11.9	12.6
	Eastbourne†	b	bv	52	66	-	-	12.5	12.6
	Hastings† ...	b	b	53	67	-	-	11.9	13.7
	Folkestone ...	b	b	51	65	-	-	12.5	14.5
	Dover... ...	bbc	bc	51	68	-	-	10.6	14.1
	Deal	bbcbc	coc	49	67	-	-	8.3	14.0
	Ramsgate ...	bbc	bc	58	65	-	-	8.9	13.9
	Margate ...	bc	bc	53	65	-	-	10.0	14.7
2	Southend ...	bbcc	cbc	54	70	-	-	9.9	11.9
	Maldon ...	obc	bcbv	46	72	-	-	8.2	11.8
	Clacton-on-Sea	bc	bc	52	66	-	-	9.7	14.4
	Dovercourt ...	bcv	bcv	50	66	-	-	9.9	14.4
	Lowestoft ...	bc	bc	46	65	-	-	?	14.5
	Skegness ...	bc	bc	50	65	-	-	9.4	14.3
	Mablethorpe	bc	bc	43	66	-	-	10.5	14.2
	Cleethorpes...	b	bc	46	71	-	-	9.7	14.3
3	Leamington S.	bbc	b	51	81	-	-	9.7	13.2
4	Cheltenham†	by	bgy	51	80	-	-	11.5	14.1
5	Bath	b	b	53	80	-	-	11.6	13.2
	Weymouth ...	b	b	54	68	-	-	12.1	14.7
	Jersey ...	b	b	59	78	-	-	12.3	14.7
	Torquay ...	b	bvy	53	69	-	-	12.1	14.8
	Penzance ...	b	b	56	69	-	-	11.0	13.4
	St. Ives ...	b	b	57	71	-	-	12.1	15.2
	Bude	wb	b	53	76	-	-	11.7	14.6
	Ilfracombe ...	b	b	58	72	-	-	11.8	15.2
6	Aberystwyth	3bc	bbc	51	70	-	-	12.1	14.5
7	Llandudno ...	b	b	48	67	-	-	11.0	14.9
	Colwyn Bay...	bcb	b	46	66	-	-	11.3	15.3
	Rhyl	b	b	44	69	-	-	12.3	15.4
8	Wallasey ...	b	b	50	69	-	-	10.8	15.8
	Southport‡ ...	bcb	b	46	72	-	-	11.9	15.4
	Blackpool ...	bcb	bcb	46	70	-	-	11.3	14.3
	Morecambe ...	cbc	b	48	69	-	-	9.5	14.6
9	Ilkley... ...	b	b	47	84	-	-	9.7	12.8
10	Berwick-on-T.	cbc	bcc	52	63	-	-	5.0	13.0
11	Dunbar ...	bc	bc	54	67	-	-	6.5	12.1
12	Troon... ...	wbcbw	bcb	55	65	-	-	6.5	14.9
	Douglas ...	bc	bcb	50	68	-	-	11.4	14.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 4/10 to 5/10 clouded. Sky 7/10 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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th July, 1934.

Districts.	Forecasts
1 S.E. England	Light or moderate southeast or east wind; fine; warm or very warm.
2 E. England 3 E. Midlands 4 W. Midlands	Light or moderate variable or southeast wind; fine or fair; warm or very warm.
5 S.W. England	Moderate easterly wind; fair or fine; warm.
6 South Wales 7 North Wales 8 N.W. England 9 N. Midlands	Light or moderate variable or southeast wind; fine or fair; warm or very warm.
10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man	Light variable or southerly wind; fine or fair; warm.
13. A W. Scotld. B N.W. Scotland	Light or moderate southerly wind; mainly fair but local coastal fog and perhaps drizzle; rather warm.
14 Mid Scotland 15 N.E. Scotland 16 Orkneys and Shetlands	Light or moderate southerly wind; mainly fair; warm inland.
17 N.W. Ireland	Light or moderate southerly wind; mainly fair but perhaps local rain or drizzle later; rather warm.
18 N.E. Ireland 19 S.E. Ireland	Light or moderate southerly wind; fine or fair; warm.
20 S.W. Ireland	As 17.

GENERAL INFERENCE.

The central regions of an anticyclone of decreasing intensity cover the North Sea. Weather will be mainly fine or fair.

FURTHER OUTLOOK.

Mainly fair or fine.

Forecasts issued at 0930 G.M.T.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 5th. July 1934.

No. 26, 523.

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

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	1021·9	+2	–	0	b	56	75	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1022·6	0	ENE	2	b	49	85	8	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1022·2	0	SE	3	b	58	85	7	–	–	–	0	0	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021·2	–2	E	2	b	60	65	8	–	–	–	0	0	–
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1020·3	–2	NE'E	4	b	58	85	8	–	–	1	0	Tr	–
	Scilly (St. Mary's)	163	1019·7	–6	ESE	4	b	58	95	8	–	–	–	0	0	–
	Guernsey	175	1020·3	–4	–	0	b	56	85	8	–	–	–	0	0	–
6	Pembroke	142	1019·5	0	NNE	1	b	57	85	7	–	–	–	0	0	–
7	Holyhead	26	1020·7	–4	S'E	1	bc	58	75	7	5	–	5	2-3	4-6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1021·7	–2	S'E	3	bc	58	95	7	–	7	–	0	2-3	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1021·0	–2	–	0	bc	58	95	6	2	–	–	2-3	2-3	2500
11	Inchkeith	190	1021·2	0	N	1	bc	59	95	8	5	–	9	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1021·0	–2	–	0	c	53	95	7	8	6	–	4-6	9	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1021·3	–2	SE	1	F	55	95	1	5	–	–	10	10	<150
16	Lerwick	54	1020·4	+2	S	1	f	50	95	2	5	–	–	10	10	<150
17	Blacksod Point	18	1018·0	–8	–	0	bc	55	95	8	1	–	–	2-3	2-3	2500
18	Malin Head	52	1019·3	–6	–	0	b	54	95	7	5	–	–	Tr	Tr	4000
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1018·9	–6	S	1	b	56	95	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1021·0	0	ESE	1	b	64	55	7	1	–	–	Tr	Tr	4000	0	*
	Croydon	1020·8	–6	S'E	2	b	65	45	8	–	–	1	0	Tr	–	0	*
	S. Farnborough	1020·7	0	S'E	2	b	60	65	6	–	–	–	0	0	–	0	*
	Boscombe Down	1020·4	–2	–	0	b	60	75	7	–	–	–	0	0	–	0	*
	Calshot (S'thmtn)	1020·7	–2	E	2	b	63	75	6	–	–	–	0	0	–	0	1
	Dungeness	*	*	E	2	b	*	*	7	–	7	*	0	1	–	*	1
	Lympne	1021·6	–10	E	2	b	60	75	8	1	3	–	Tr	Tr	2500	0	*
2	Shoeburyness	1021·9	0	ESE	2	bc	63	85	8	1	–	1	2-3	2-3	2500	0	*
	Felixstowe	1022·2	0	E'S	2	bc	61	85	8	1	–	1	2-3	2-3	1500	0	0
	Gorleston	1022·0	0	SE'S	3	bc	58	85	7	–	–	4	0	2-3	–	0	2
	Cranwell	1021·6	0	SE	1	bc	58	85	6	5	3	1	1	2-3	4000	0	*
3	Birmingham	1020·7	0	ENE	1	m	60	85	4	–	–	–	0	0	–	0	*
	Upper Heyford	1020·4	–2	–	0	3o	59	75	6	–	–	–	0	0	–	0	*
4	Ross-on-Wye	1020·2	–6	W	1	3o	59	85	6	–	–	–	0	0	–	0	*
5	Portland Bill	1019·7	–6	E	3	b	62	65	7	–	–	–	0	0	–	0	2
	Plymouth	1019·4	–2	E	3	b	64	65	8	–	–	1	0	Tr	–	0	1
	The Lizard	1019·3	+4	ENE	3	bc	62	85	8	7	–	–	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1018·8	0	ESE	4	b	62	85	8	–	–	3	0	1	–	0	2
	Guernsey	1020·2	+2	–	0	b	61	85	7	–	–	–	0	0	–	0	2
6	Pembroke	1019·0	0	NE	1	bc	61	85	7	5	8	1	Tr	2-3	5700	0	1
7	Holyhead	1019·9	0	NW'N	1	b	60	85	7	–	–	–	0	0	–	0	0
	Chester (Sealand)	1020·6	–4	–	0	3o	56	85	5	–	–	–	0	0	–	0	*
8	L'pool (Bidston)	1020·6	–4	–	0	m	63	85	4	–	–	8	0	2-3	–	1	*
	Manchester	1020·3	–2	–	0	m	56	85	4	–	–	–	0	0	–	0	*
9	Harrogate	1020·9	0	SW	1	b	62	75	5	–	–	–	0	0	–	0	*
10	Spurn Head	1021·3	–2	S'W	2	bc	60	85	8	–	1	1	0	2-3	–	0	1
	Catterick	1020·8	–2	–	0	b	57	85	6	–	–	–	0	0	–	0	*
	Tynemouth	1020·5	–2	SW	1	bf	59	75	3	–	–	–	0	0	–	0	1
11	Inchkeith	1021·0	–4	N	1	3o	58	95	6	5	–	–	4-6	4-6	1500	0	0
	Leuchars	1020·4	0	SW	1	bc3g	58	95	7	7	–	–	2-3	2-3	4000	0	*
12	Renfrew (Abbotts I)	1020·2	0	–	0	3o	56	95	5	–	–	–	0	0	–	0	*
	Eskdalemuir	1020·8	0	–	0	b	55	85	6	–	–	–	0	0	–	0	*
13A	Tiree	1018·8	–4	SE	3	bc	59	85	8	7	6	–	4-6	4-6	4000	0	2
13B	Stornoway	1019·8	+2	SSE	1	F	53	95	1	·	·	·	10	10	<150	1	1
15	Dalwhinnie	1021·3	0	–	0	b	56	85	8	–	–	–	0	0	–	1	*
	Aberdeen	1020·3	+2	SE	1	3o	59	85	6	–	3	–	0	1	–	0	0
	Wick	1019·9	+2	SSE	1	F	55	95	1	·	·	·	10	10	<150	1	1
16	Lerwick	1020·2	+2	WNW	1	c	54	95	8	5	7	–	4-6	9	1500	0	*
17	Blacksod Point	1017·2	–2	–	0	bc	61	85	9	–	–	1	0	4-6	–	0	1
18	Malin Head	1018·5	+2	S	1	bc	62	85	7	7	–	–	4-6	4-6	4000	0	0
	Aldergrove	1019·8	–2	E'N	1	b	61	85	7	–	8	–	0	Tr	–	0	*
	Donaghadee	1020·2	0	–	0	b	57	85	7	–	–	–	0	0	–	0	0
19	Birr Castle	1018·9	0	S	1	bc	60	75	7	5	–	–	4-6	4-6	2500	0	*
20	Valentia Obsy.†	1017·4	–2	–	0	c	57	95	8	–	–	3	0	7-8	–	0	2
	Roches Point	1018·3	+2	SE	2	bc	63	85	8	5	–	–	2-3	2-3	2500	0	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 4th Hrs. (36)
1	London (Kew)	80	53	44	–	–	12·1
	Croydon	77	52	46	–	–	13·6
	S. Farnborough	79	48	38	–	–	~~12·7~~
	Boscombe Down	76	52	49	–	–	14·3
	Calshot (S'thmtn)	72	54	49	–	–	15·1
	Dungeness	66	55	*	–	–	*
	Lympne	65	48	44	–	–	11·4
2	Shoeburyness	66	48	39	–	–	8·4
	Felixstowe	64	56	50	–	–	~~9·6~~
	Gorleston	62	55	52	–	–	3·7
	Cranwell	82	50	46	–	–	12·8
3	Birmingham	80	56	47	–	–	10·8
	Upper Heyford	80	52	44	–	–	*
4	Ross-on-Wye	80	53	45	–	–	14·0
5	Portland Bill	66	54	*	–	–	*
	Plymouth	75	56	44	–	–	15·1
	The Lizard	68	57	*	–	–	*
	Scilly (St. Mary's)	68	56	*	–	–	14·4
	Guernsey	69	56	51	–	–	15·3
6	Pembroke	72	54	*	–	–	14·7
7	Holyhead	67	55	45	–	–	15·2
	Chester (Sealand)	75	44	39	–	–	13·8
8	L'pool (Bidston)	71	59	54	–	–	12·8
	Manchester	79	44	39	–	–	11·9
9	Harrogate	79	52	47	–	–	13·5
10	Spurn Head	65	56	*	–	–	8·4
	Catterick	79	46	41	–	–	14·1
	Tynemouth	65	55	52	–	–	*
11	Inchkeith	73	56	47	–	–	5·9
	Leuchars	73	49	42	–	–	6·4
12	Renfrew (Abbotts I)	75	43	40	–	–	7·1
	Eskdalemuir	75	43	37	–	–	6·2
13A	Tiree	63	52	45	0·1	–	4·5
13B	Stornoway	64	50	*	–	–	7·6
15	Dalwhinnie	69	41	34	3	Tr	~~0·5~~
	Aberdeen	69	50	44	–	–	2·6
	Wick	59	54	*	–	3	*
16	Lerwick	57	50	*	1	–	0·0
17	Blacksod Point	67	53	*	–	–	*
18	Malin Head	63	53	*	–	–	12·1
	Aldergrove	74	49	46	–	–	13·0
	Donaghadee	66	52	*	–	–	*
19	Birr Castle	78	52	41	–	–	12·4
20	Valentia Obsy.†	71	50	46	–	Tr	13·2
	Roches Point	66	59	*	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 (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	b3o bcy	bcy	by	80	53	44	–	–	12·1	*	*	7
Croydon	217	b3o bcy	bcy	byb	77	52	46	–	–	13·6	*	*	8
Greenwich (Royal Observatory)	149	b3oy	bcb3oy	by	82	49	40	–	–	13·1	45	51	7
City (Bunhill Row)	—				*	*	*	*	*	12·1	*	*	*
Westminster (St. James' Park)	27	*	*	*	80	56	49	–		12·5	43	43	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	80	55	47	–	–	12·8	43	42	*
Camden Square	110	bbc	bcb	*	81	55	50	–	–	*	*	52	*
Kensington	80	bc3	bc	*	81	56	46	–	–	12·0	At 18h. 48	42	*
Hampstead Observatory	450	b	b	bm	79	56	48	–	–	13·5	*	51	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0·5	9h 4th	<0·3	18h 4th 16 4th 5th	0·1	16h 4th	<0·1	18h 4th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 4th. July. Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 5th. July. 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	1020·1	NNE	4	b	72	1018·9	NNE	2	3o	63	75	50	–	–
Brussels	1021·2	·	·	bc	66	1020·7	NNE	2	b	57	70	48	–	–
Berlin	1015·6	NNW	5	bc	70	1018·3	WNW	3	c	57	70	52	0·5	–
Zürich	1017·5	NNE	4	bc	66	1016·0	NNE	3	b	55	75	52	–	–
Rome	1011·1	SE	2	b	75	1013·5	SE	4	b	75	*	*	–	–

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 „	12¼ „
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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 6th July 1934.

No. 26524

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1020·1	-2	ENE	3	b	77	45	7	-	-	-	0	0	-
	Croydon	1019·9	-4	SE'E	2	b	76	45	8	1	-	-	Tr	Tr	4000
	S. Farnborough	1019·5	-4	SE	3	b	79	35	8	1	-	8	Tr	Tr	4000
	Boscombe Down	1019·3	-6	SSE	2	b	75	55	7	-	-	1	0	Tr	-
	Calshot, S'thmtn	1020·6	+2	E'S	4	b	71	55	8	-	-	-	0	0	-
	Dungeness	*	*	NE	3	b	*	*	7	-	-	*	0	0	-
	Lympne	1021·3	-2	E'S	4	b	68	45	8	1	-	-	Tr	Tr	4000
2	Shoeburyness	1021·8	+2	E	3	b	~~66~~ 67	65	8	-	4	-	0	Tr	-
	Felixstowe	1022·1	+2	E'S	2	bc	65	65	8	-	-	1	0	2·3	-
	Gorleston	1022·1	+4	SE'E	3	bc	62	75	7	-	4	4	0	4·6	-
	Cranwell	1020·3	-6	SE	2	bc	82	45	7	-	-	4	0	2·3	-
3	Birmingham	1019·7	0	SE	2	b	78	45	7	-	-	-	0	0	-
	Upper Heyford	1019·6	-2	E	1	b	80	45	8	-	-	8	0	Tr	-
4	Ross-on-Wye	1018·5	-6	E	2	zo	79	45	6	1	-	-	Tr	Tr	5700
5	Portland Bill	1019·7	+2	E	2	b	65	75	7	-	-	-	0	0	-
	Plymouth	1019·1	-6	S'W	3	b	67	75	8	-	-	1	0	1	-
	The Lizard	1018·8	0	NE'E	3	bc	67	85	8	7	1	1	4·6	4·6	4000
	Scilly (St. Mary's)	1018·9	+2	ESE	4	c	67	85	7	-	-	3	0	7·8	-
	Guernsey	1019·2	-6	ENE	3	b	66	65	7	-	-	-	0	0	-
6	Pembroke	1019·0	0	S	1	b	66	~~55~~	7	-	-	1	0	1	-
7	Holyhead	1019·4	-4	WNW	4	b	67	65	6	-	-	-	0	0	-
	Chester (Sealand)	1019·0	-10	S'E	1	b	83	35	6	1	-	-	Tr	Tr	4000
8	L'pool (Bidston)	1019·4	-2	N	2	b	74	45	8	-	-	-	0	0	-
	Manchester	1019·0	-6	SW'W	1	b	81	35	7	1	-	-	Tr	Tr	4000
9	Harrogate	1019·7	-6	SE	3	b	77	45	7	-	-	3	0	Tr	-
10	Spurn Head	1021·3	0	~~NE~~ SE'S	4	bc	65	75	7	3	1	4	2·3	4·6	4000
	Catterick	1019·2	-10	SSE	2	zo	80	35	6	1	-	-	1	1	4000
	Tynemouth	1020·2	+2	SE	2	bc	64	75	5	5	-	-	4·6	4·6	1500
11	Inchkeith	1019·8	+4	NNE	1	bc	64	85	7	5	-	-	2·3	2·3	1500
	Leuchars	1019·7	-2	E	2	b	69	65	7	1	-	-	Tr	Tr	4000
12	Renfrew (Abbotts.)	1019·0	-6	WSW	2	bc	77	45	8	8	-	-	2·3	2·3	4000
	Eskdalemuir	1019·2	-2	SSW	3	b	73	45	7	1	-	-	Tr	Tr	4000
13A	Tiree	1018·4	0	SE'S	4	b	67	75	7	-	4	-	0	1	-
13B	Stornoway	1019·0	-2	SE	3	bc	63	75	8	7	7	-	2·3	2·3	2500
15	Dalwhinnie	1018·5	-4	N	1	bc	73	45	8	1	-	-	2·3	2·3	4000
	Aberdeen	1020·3	+4	ESE	3	b	64	75	7	-	-	-	0	0	-
	Wick	1020·0	+6	SSE	2	bc	60	95	7	7	6	-	4·6	4·6	1500
16	Lerwick	1020·5	-8	SSW	2	cdo	54	95	7	5	2	-	7·8	10	450
17	Blacksod Point	1017·6	+4	WSW	2	c	68	65	7	-	3	-	0	7·8	-
18	Malin Head	1017·5	-4	SW	2	b	72	55	7	5	8	3	Tr	1	4000
	Aldergrove	1018·5	-6	S'E	3	zo	75	45	7	1	8	-	2·3	2·3	4000
	Donaghadee	1020·5	0	SE	2	zo	63	75	6	-	-	-	0	0	-
19	Birr Castle	1018·0	-6	S	2	c	77	45	7	1	-	7	Tr	10	4000
20	Valentia Obsy.	1017·4	+2	SSE	2	c	71	65	8	5	3	1	4·6	9	7200
	Roches Point	1018·6	+4	SE	2	bc	65	85	8	5	-	-	4·6	4·6	2500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1019·6	0	E'N	4	bc	73	45	8	-	-	6	0	2·3	-	0	•
Croydon	1019·4	+2	ESE	3	bc	71	45	8	-	-	1	0	2·3	-	0	
S. Farnborough	1018·4	0	ENE	3	b	76	45	7	1	-	1	Tr	Tr	4000	0	•
Boscombe Down	1017·9	-6	SSE	2	b	74	55	7	-	-	2	0	1	-	0	•
Calshot, S'thmtn	1019·3	-10	E	2	b	68	65	8	-	5	-	0	1	-	0	2
Dungeness	*	*	NE	4	b	*	*	7	4	-	*	1	1	4000	•	3
Lympne	1020·0	-4	NE	4	b	64	55	8	-	-	-	0	0	-	0	•
Shoeburyness	1020·8	-8	E	3	b	63	75	8	-	-	5	0	1	-	0	•
Felixstowe	1021·0	-6	NE	3	b	61	75	9	-	-	1	0	1	-	0	1
Gorleston	1021·3	-6	E	2	bc	61	65	7	-	-	1	0	2·3	-	0	2
Cranwell	1019·7	-2	E'N	2	bc	78	45	8	-	3	4	0	2·3	-	0	
Birmingham	1018·1	-4	SE	2	bc	81	45	8	1	-	-	2·3	2·3	2500	0	•
Upper Heyford	1018·4	-6	E	2	zo	78	45	7	1	-	5	Tr	1	2500	0	•
Ross-on-Wye	1017·3	-10	SSE	1	zo	80	45	7	5	-	1	Tr	1	4000	0	•
Portland Bill	1018·5	-10	E	2	bc	63	75	7	-	-	8	0	4·6	-	0	2
Plymouth	1018·5	0	E	1	c	72	55	8	-	-	6	0	7·8	-	0	1
The Lizard	1018·4	-2	NE	3	bc	65	75	8	7	4	-	4·6	4·6	4000	0	1
Scilly (St. Mary's)	1018·2	-6	E'S	3	c	67	75	7	-	-	7	0	7·8	-	0	2
Guernsey	1017·7	-10	NE	4	bc	62	75	7	-	1	-	0	4·6	-	0	3
Pembroke	1017·3	-8	NNW	1	bc	72	45	7	-	-	1	0	2·3	-	0	1
Holyhead	1018·9	+10	NNW	1	bc	68	75	7	-	-	6	0	2·3	-	0	0
Chester (Sealand)	1019·2	+4	NW'W	3	b	69	65	7	1	-	-	1	1	4000	0	•
L'pool (Bidston)	1019·3	-2	NNW	2	b	68	65	7	-	-	-	0	0	-	0	
Manchester	1018·3	+4	NNW	3	zo	76	55	6	8	-	-	7·8	7·8	4000	0	•
Harrogate	1020·9	-6	SE	3	c	74	55	8	-	7	-	0	9	-	0	•
Spurn Head	1020·5	-2	SSE	3	c	63	75	8	-	2	1	0	7·8	-	0	2
Catterick	1018·4	-2	S'W	2	b	77	45	7	-	-	-	0	0	-	0	•
Tynemouth	1019·0	-8	SE	3	bc	65	77	6	2	-	-	4·6	4·6	2500	0	1
Inchkeith	1018·8	-8	NNE	1	bc	65	95	7	5	-	-	2·3	2·3	1500	0	0
Leuchars	1018·8	-2	ESE	2	b	69	75	6	-	-	-	0	0	-	0	•
Renfrew (Abbotts.)	1018·6	-2	WSW	3	b	74	45	8	-	-	-	0	0	-	0	•
Eskdalemuir	1018·5	-2	SW'S	2	b	75	45	8	-	-	-	0	0	-	0	
Tiree	1018·2	-2	SE'S	1	bc	65	75	7	-	~~-~~	~~2~~ 6	0	4·6	-	0	1
Stornoway	1017·8	-6	SSE	2	bc	61	85	7	7	7	-	2·3	4·6	2500	1	1
Dalwhinnie	*	-4	SW	4	bc	74	45	8	1	-	-	4·6	4·6	5700	0	
Aberdeen	1019·7	-6	E'S	2	b	61	85	6	-	-	-	0	0	-	0	0
Wick	1019·9	0	SE	2	F	54	95	1	5	-	-	10	10	<150	1	1
Lerwick	1020·4	+2	-	0	c	55	95	6	5	7	-	4·6	7·8	450	1	*
Blacksod Point	1017·7	0	S	1	c	66	75	7	-	7	-	0	10	-	0	1
Malin Head	1017·9	-4	N'E	1	c	64	85	7	-	8	9	0	9	-	0	0
Aldergrove	1018·4	0	S'E	2	zo	73	45	7	-	-	6	0	9	-	0	0
Donaghadee	1019·1	-4	S	2	zo	64	75	6	-	3	[illegible]	0	2·3	-	0	0
Birr Castle	1017·2	-4	S	1	c	77	45	7	1	-	7	2·3	10	4000	0	•
Valentia Obsy.	1017·6	-2	SSE	2	c	69	55	8	5	-	-	9+	9+	5700	0	0
Roches Point	1018·0	-6	SE	2	bc	65	85	8	5	-	-	2·3	2·3	2500	0	2

PAST 24 HOURS. Weather.

Stations	7h.–13h. 5th (37)	13h.–18h. 5th (38)	18h. 5th to 1h. 6th (39)	1h.–7h. 6th (40)
London (Kew)	by	bc	b	bmow
Croydon	by	by	byb	boffbc
S. Farnborough	bzoby	by	bybw	bwbmo
Boscombe Down	bcy	by	byb	bcbzo
Calshot, S'thmtn	by	bc	b	bmo
Dungeness	b	bc	•	bc
Lympne	by	bc	bbv	bwv
Shoeburyness	b	b	b	bwv
Felixstowe	bcb	bv	bvb	bwbc
Gorleston	bc	bc	bcb	bbc
Cranwell	bczoy	bbcy	bcb	bbczo
Birmingham	mb	b	b	b
Upper Heyford	bzoy	byzo	b	b
Ross-on-Wye	bz	byzbcz	bczob	b
Portland Bill	b	bbc	bbc	bc
Plymouth	b	bbcy	bcyb	b
The Lizard	bc	bc	bc	bc
Scilly (St. Mary's)	bbcc	c	cbcb	bbcc
Guernsey	b	bbc	bcw	bwbcz
Pembroke	b	b	bcb	b
Holyhead	bwb	bzo	bcw	bcwc
Chester (Sealand)	bzoy	qb	bwmo	bwmo
L'pool (Bidston)	mby	by	b	bmo
Manchester	bfzoy	bczoy	cybmo	bzo
Harrogate	b	bbcc	c	cvz
Spurn Head	bc	bc	cbc	bc
Catterick	mozoy	bzoyb	bbc	bmo
Tynemouth	bff bc	bcmo	bc	bc
Inchkeith	zobc	bc	bc	bczow
Leuchars	bwb	bzo	bzofg	bffbc
Renfrew (Abbotts.)	bzob	b	bzow	bzow
Eskdalemuir	by	by	bybw	bwmo
Tiree	bcb	b bc	bcw	bccr
Stornoway	fbc	bc	bcc	c
Dalwhinnie	bc	bc	•	b
Aberdeen	bczo	bzo	bzo	bzffw
Wick	Febc	FF	FzcFFe	FFe
Lerwick	ccdo	c cdo mo	~~[illegible]~~	FFeido
Blacksod Point	bc	bc	proc	pro
Malin Head	bc	bcc	cmotl	c
Aldergrove	bbczo	bczo	czobc	bc
Donaghadee	bzo	bzo	bc	bc
Birr Castle	bccy	cy	cbc	bcc
Valentia Obsy.	c	cy	cycbcw	bcwc
Roches Point	bc	bc	bccw	ifebcz

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.

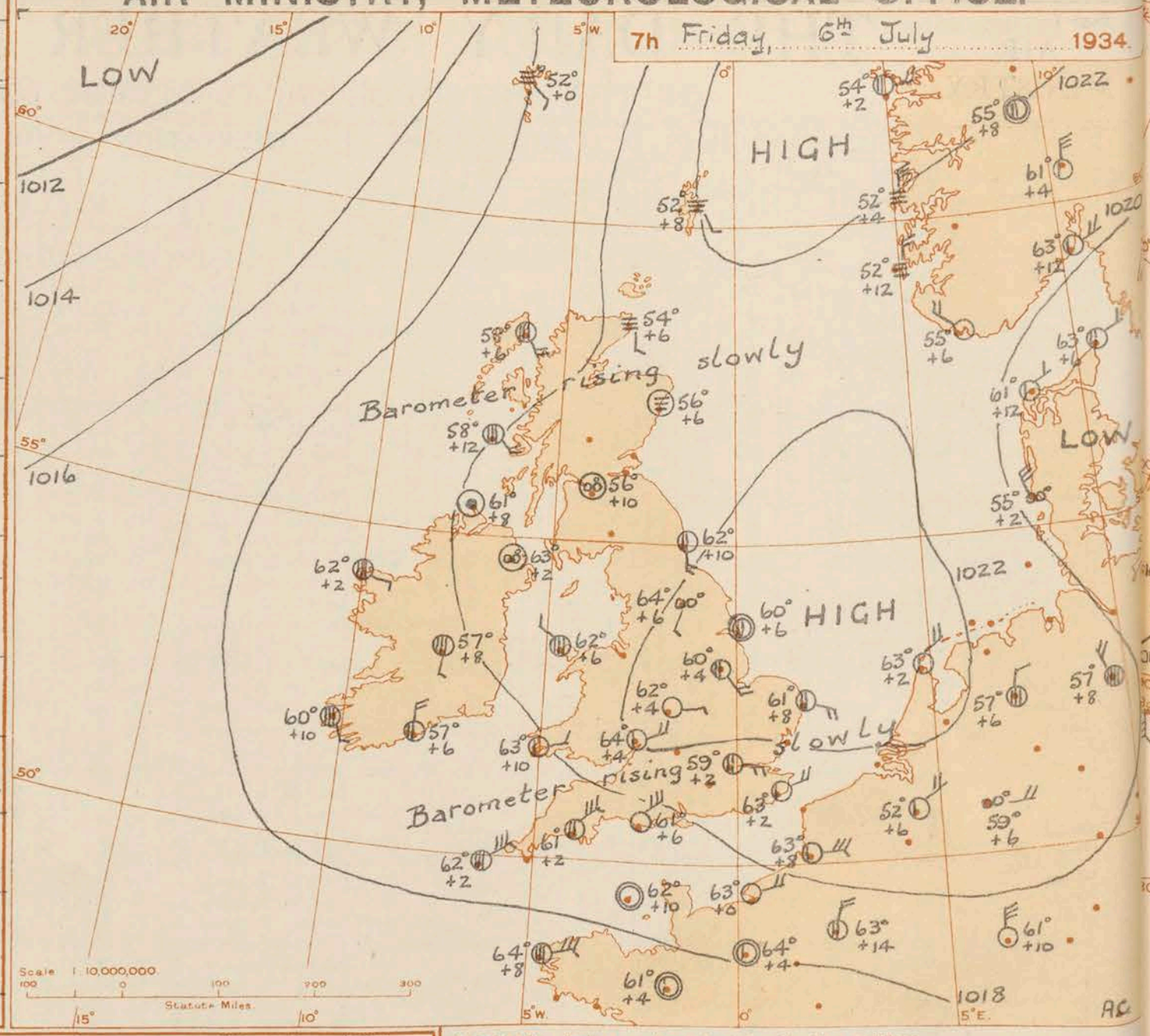
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 5th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 4th to 9h. 5th	Temperature. Max. 9h.—17h. 5th	Rainfall. Night. 17h. 4th to 9h. 5th	Rainfall. Day. 9h.—17h. 5th	Sunshine. Sunrise to 17h. 5th	Sunshine. Sunrise to Sunset. 4th
1	Tunbridge W.	b	b	47	77	-	-	12·3	14·3
	Bournemouth	b	b	45	73	-	-	12·0	14·5
	Ventnor ...	b	b	60	68	-	-	11·7	14·0
	Southsea ...	b	b	55	70	-	-	11·9	14·6
	Bognor Regis	b	b	55	70	-	-	12·1	14·2
	Littlehampton	b	b	52	71	-	-	12·2	14·4
	Worthing ...	b	b	53	67	-	-	12·3	14·5
	Brighton ...	bc	b	54	71	-	-	12·2	14·1
	Eastbourne†	b	bc	54	69	-	-	11·8	14·5
	Hastings† ...	b	b	55	71	-	-	12·7	13·5
	Folkestone ...	b	b	54	71	-	-	12·4	13·4
	Dover... ...	b	by	55	72	-	-	12·5	12·2
	Deal	b	b	57	69	-	-	12·4	9·4
	Ramsgate ...	bcb	b	57	65	-	-	12·5	10·2
	Margate ...	bcb	b	56	65	-	-	12·7	11·9
2	Southend ...	b	b	56	71	-	-	12·0	11·3
	Maldon ...	b	bv	51	69	-	-	12·1	10·1
	Clacton-on-Sea	bc	bc	59	66	-	-	12·1	10·7
	Dovercourt ...	bcv	b	57	67	-	-	12·0	10·4
	Lowestoft ...	b	b	53	64	-	-	12·9	?
	Skegness ...	b	b	57	68	-	-	12·1	10·6
	Mablethorpe	bc	bcv	52	67	-	-	12·1	10·8
	Cleethorpes ...	b	b	52	70	-	-	11·9	11·0
3	Leamington S.	b	b	54	82	-	-	11·0	10·5
4	Cheltenham†	bby	by	54	82	-	-	11·4	13·6
5	Bath	b	b	52	82	-	-	11·6	14·1
	Weymouth ...	b	b	51	68	-	-	12·3	14·9
	Jersey ...	b	bc	61	76	-	-	12·3	15·3
	Torquay ...	b	by	51	71	-	-	12·2	14·9
	Penzance ...	b	b	55	72	-	-	11·0	13·5
	St. Ives ...	b	b	58	75	-	-	11·4	15·1
	Bude	wb	bbc	48	76	-	-	11·6	14·5
	Ilfracombe ...	b	b	56	73	-	-	12·1	14·7
6	Aberystwyth	bc	bbc	56	71	-	-	12·0	14·3
7	Llandudno ...	b	b	55	74	-	-	11·9	13·6
	Colwyn Bay...	b	b	54	71	-	-	11·9	13·9
	Rhyl	b	b	51	73	-	-	11·7	15·1
8	Wallasey ...	b	b	56	76	-	-	12·1	13·6
	Southport‖ ...	b3	b	51	77	-	-	12·0	14·5
	Blackpool ...	b	bbc	52	76	-	-	11·8	14·4
	Morecambe ...	bbc	bbc	50	80	-	-	12·2	13·0
9	Ilkley... ...	b	b	48	80	-	-	10·7	12·3
10	Berwick-on-T.	b	b	53	65	-	-	12·6	7·8
11	Dunbar ...	bcm	bc	53	67	-	-	11·6	8·9
12	Troon... ...	wb3	b3b	50	77	-	-	12·4	9·3
	Douglas ...	b3bc	bc3	52	72	-	-	12·0	14·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 5/10 clouded. ◐ Sky 5/10 to 9/10 clouded. ◐ Sky 9/10 to 10/10 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. 6th July, 1934.
1 S.E. England 2 E. England... 3 E. Midlands	Light or moderate easterly wind; fine; warm or very warm inland.
4 W. Midlands	Light easterly wind; fine; very warm.
5 S.W. England	Moderate easterly wind; fair or fine; warm.
6 South Wales	As 4.
7 North Wales 8 N.W. England 9 N. Midlands	Light southerly wind; fair or fine; warm or very warm.
10 N.E. England 11 S.E. Scotland	Light southerly wind; fair or fine; warm or very warm inland.
12 S.W. Scotland & Isle of Man	As 7 - 9.
13. A. W. Scotld. B. N.W. Scotland	Light or moderate southerly wind; mainly fair but perhaps local thundery showers; warm.
14 Mid Scotland 15 N.E. Scotland	Light southerly wind; fair apart from local coastal fog; warm inland.
16 Orkneys and Shetlands	Light southerly or variable wind; mainly fair but local mist or fog; average temperature.
17 N.W. Ireland 18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	Light southerly or variable wind; mainly fair but perhaps local thundery showers; warm.

WCH

GENERAL INFERENCE.

The central regions of a large high pressure area extend from Western Norway to the Southern North Sea. Weather will be fair or fine apart from local showers in the extreme West and Northwest.

FURTHER OUTLOOK.

Mainly fair or fine apart from a possible thundery tendency.

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.

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, 6th July 1934.

No. 26.524

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

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	1021·1	+6	ESE	1	b	54	95	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1021·3	+2	NE	3	b	53	95	9	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1022·1	+6	E	3	b	59	85	7	–	–	–	0	0	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1019·0	+6	ENE	3	bc	61	85	7	5	–	–	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1019·0	+2	NE'E	3	bc	59	85	8	7	–	1	2-3	2-3	4000
	Scilly (St. Mary's)	163	1018·3	0	E	3	b	59	85	7	–	–	–	0	0	–
	Guernsey	175	1018·1	0	–	0	bc	57	95	7	–	1	–	0	2-3	–
6	Pembroke	142	1018·1	+6	–	0	b	62	65	7	5	–	–	Tr	Tr	5700
7	Holyhead	26	1019·6	+2	–	0	bc	61	75	7	–	3	1	0	2-3	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1021·3	+2	S'W	2	bc	60	85	7	–	1	–	0	2-3	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1020·4	+4	S	2	bc	60	85	7	5	–	–	4·6	4·6	1500
11	Inchkeith	190	1020·3	–6	SW	1	bc	54	85	7	5	–	–	2-3	2-3	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1019·1	+6	–	0	c	57	85	6	5	7	–	4·6	7·8	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1020·7	0	SE	1	F	52	95	1	5	–	–	10	10	<150
16	Lerwick	54	1021·5	+10	S	1	F	53	95	1	5	–	–	10	10	<150
17	Blacksod Point	18	1018·8	+4	–	0	c	59	95	7	–	7	–	0	9+	–
18	Malin Head	52	1018·3	+4	–	0	c	60	85	7	8	–	–	9+	9+	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1018·3	+6	S	3	b	63	85	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1021·9	+14	E	3	bc	63	75	5	–	–	1	0	2·3	–	0	*
	Croydon	1021·3	+2	ESE	2	bc	59	85	6	–	–	2	0	4·6	–	0	*
	S. Farnborough	1021·5	+4	ENE	2	b	59	85	6	–	–	1	0	1	–	0	*
	Boscombe Down	1020·7	+2	E'N	2	b	60	75	6	–	–	5	0	1	–	0	*
	Calshot (S'thmtn)	1020·6	+6	ENE	3	b	65	65	7	–	–	9	0	1	–	0	1
	Dungeness	*	*	NE	3	bc	*	*	7	–	8	*	0	2·3	–	*	2
	Lympne	1021·7	+4	E'N	2	b	63	75	9	–	–	1	0	1	–	0	*
2	Shoeburyness	1022·6	+6	E	3	bc	63	85	8	–	–	6	0	2·3	–	0	*
	Felixstowe	1022·4	+8	NE'E	2	bc	63	85	8	1	–	1	1	2·3	1500	0	1
	Gorleston	1023·3	+8	ESE	2	bc	61	85	7	–	–	4	0	2·3	–	0	2
	Cranwell	1022·7	+4	S'E	2	bc	60	75	6	–	3	4	0	4·6	–	0	*
3	Birmingham	1022·4	+4	ESE	1	b	62	55	8	–	–	–	0	0	–	0	*
	Upper Heyford	1022·2	+2	E	1	bc	61	75	7	–	–	5	0	2·3	–	0	*
4	Ross-on-Wye	1022·0	+4	ENE	2	b	64	65	7	–	–	1	0	Tr	–	0	*
5	Portland Bill	1019·7	+6	ENE	3	b	61	85	7	–	–	–	0	0	–	0	3
	Plymouth	1019·1	+6	E'N	4	b	63	75	8	–	–	1	0	Tr	–	0	1
	The Lizard	1018·4	+2	NE'E	4	bc	61	85	7	7	7	–	2·3	4·6	4000	0	2
	Scilly (St. Mary's)	1018·4	+2	ENE	4	c	62	85	8	–	3	3	0	7·8	–	0	2
	Guernsey	1018·2	+10	–	0	3o	62	75	6	–	1	–	0	2·3	–	0	2
6	Pembroke	1019·0	+10	E	1	b	63	75	7	–	–	2	0	1	–	0	0
7	Holyhead	1020·3	+6	NW'W	1	c	62	75	7	5	–	–	7·8	7·8	4000	0	1
	Chester (Sealand)	1021·5	+6	SE'S	2	3o	62	75	6	–	–	–	0	0	–	0	*
8	L'pool (Bidston)	1021·5	+6	SE	3	3o	64	65	5	–	–	–	0	0	–	0	*
	Manchester	1021·8	+10	SE'E	1	3o	66	65	6	–	–	–	0	0	–	0	*
9	Harrogate	1022·0	+6	SSW	1	3o	64	75	5	–	–	1	0	1	–	0	*
10	Spurn Head	1022·9	+6	–	0	bc	60	75	8	–	1	1	0	2·3	–	0	1
	Catterick	1021·8	+8	SSE	2	bc	59	85	6	–	–	4	0	2·3	–	0	*
	Tynemouth	1021·0	+10	S	2	bc	62	85	6	5	–	–	4·6	4·6	800	0	1
11	Inchkeith	1021·2	+10	SW	1	m	56	95	4	5	–	5	2·3	4·6	1500	0	1
	Leuchars	1021·5	+10	WSW	1	b	56	95	6	–	–	1	0	1	–	0	*
12	Renfrew (Abbotts L)	1021·1	+10	–	0	3o	56	85	5	–	–	4	0	4·6	–	0	*
	Eskdalemuir	1021·5	+8	–	0	bc	59	85	6	–	4	–	0	2·3	–	0	
13A	Tiree	1020·0	+12	SE'S	2	c	58	95	7	5	–	–	9	9	4000	1	1
13B	Stornoway	1019·5	+6	SSE	2	c	58	85	7	5	7	–	7·8	7·8	2500	0	1
15	Dalwhinnie	1021·5	+8	–	0	bc	68	85	8	–	–	1	0	2·3	–	1	*
	Aberdeen	1021·1	+6	–	0	of	56	95	2	5	–	–	10	10	<150	0	0
	Wick	1020·1	+6	S	1	F	54	95	1	·	·	·	10	10	<150	1	1
16	Lerwick	1022·1	+8	SSE	1	F	52	95	1	·	·	·	10	10	<150	1	*
17	Blacksod Point	1019·7	+2	ESE	1	c	62	85	7	–	7	–	0	9+	–	1	1
18	Malin Head	1020·2	+8	–	0	pr	61	85	7	8	2	–	7·8	10	2500	1	0
	Aldergrove	1020·6	+2	–	0	3o	63	75	7	–	8	8	0	4·6	–	0	*
	Donaghadee	1021·2	+4	S	1	c	60	85	7	8	3	2	4·6	7·8	2500	0	0
19	Birr Castle	1019·5	+8	S	1	c	57	95	8	5	–	8	4·6	7·8	2500	0	*
20	Valentia Obsy.†	1019·5	+10	SSE	1	c	60	85	8	–	3	3	0	9	–	0	0
	Roches Point	1019·8	+6	N	2	bc	57	95	6	5	–	–	4·6	4·6	1500	0	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 5th Hrs. (36)
1	London (Kew)	77	56	46	–	–	14·8
	Croydon	78	51	45	–	–	15·4
	S. Farnborough	80	45	33	–	–	14·5
	Boscombe Down	78	52	47	–	–	14·5
	Calshot (S'thmtn)	71	55	49	–	–	14·6
	Dungeness	67	58	~~46~~ 48	–	–	*
	Lympne	69	52	~~49~~	–	–	14·9
2	Shoeburyness	67	49	37	–	–	14·1
	Felixstowe	65	51	48	–	–	15·3
	Gorleston	63	58	56	–	–	15·4
	Cranwell	83	49	43	–	–	14·1
3	Birmingham	82	56	45	–	–	13·0
	Upper Heyford	82	51	43	–	–	*
4	Ross-on-Wye	81	55	44	–	–	12·8
5	Portland Bill	66	56	*	–	–	*
	Plymouth	75	57	54	–	–	13·7
	The Lizard	68	59	*	–	–	*
	Scilly (St. Mary's)	70	57	*	–	–	15·0
	Guernsey	69	57	51	–	–	14·4
6	Pembroke	74	55	*	–	–	13·3
7	Holyhead	68	57	51	–	–	14·2
	Chester (Sealand)	84	52	45	–	–	13·0
8	L'pool (Bidston)	76	60	57	–	–	13·5
	Manchester	84	56	49	–	–	10·9
9	Harrogate	78	55	50	–	–	10·3
10	Spurn Head	66	56	*	–	–	14·0
	Catterick	81	55	51	–	–	13·1
	Tynemouth	66	60	56	–	–	*
11	Inchkeith	71	54	46	–	–	14·3
	Leuchars	73	48	40	–	–	14·2
12	Renfrew (Abbotts L)	78	44	41	–	–	15·0
	Eskdalemuir	77	46	39	–	–	14·7
13A	Tiree	69	53	46	–	3	12·2
13B	Stornoway	66	55	*	–	–	11·9
15	Dalwhinnie	78	42	36	–	–	15·0
	Aberdeen	68	54	45	–	–	14·8
	Wick	61	50	*	–	Tr	*
16	Lerwick	58	51	*	Tr	Tr	0·0
17	Blacksod Point	68	56	*	–	2	*
18	Malin Head	74	58	*	–	Tr	9·8
	Aldergrove	77	50	45	–	–	12·5
	Donaghadee	66	50	*	–	–	*
19	Birr Castle	79	52	42	–	–	10·9
20	Valentia Obsy.†	73	54	47	–	Tr	3·5
	Roches Point	68	55	*	–	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	by	bc	bm.w	77	56	46	–	–	14·8	*	*	6
Croydon	217	by	by	by bg fg bc	78	51	45	–	–	15·4	*	*	7
Greenwich (Royal Observatory)	149	by	by	bc b	78	51	41	–	–	15·3	78	51	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	14·1	*	*	*
Westminster (St. James' Park)	27	*	*	*	76	57	52	–		14·8	39	61	*
‡Regents Pk. (Botanic Gardens)	128	*	*	*	79	54	48	–	–	~~14·5~~	50	58	*
Camden Square	110	b	b	*	81	54	48	–	–	*	*	65	*
Kensington	80	bg	b	*	79	55	48	–	–	14·8	At 18h. 48	64	*
Hampstead Observatory	450	b	b	c	76	51	49	–	–	14·4	*	67	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time
0·6	7h 6th	<0·3	8h 5th; 3h 16th 6th

Kew Observatory Max.	Time	Min.	Time
0·3	6h 6th	0·1	10h 5th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 5th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 6th July 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	NNE	4	b	77	1018·5	NNE	2	bc	63	79	54	–	–
Brussels	1018·4	NE	3	b	70	1020·8	ENE	2	b	63	73	52	–	–
Berlin	1016·0	NNE	3	c	73	1018·3	WNW	2	bc	63	75	54	–	–
Zurich	1014·3	ENE	3	b	72	1018·2	ESE	1	b	59	75		–	
Rome	1014·2	SSE	3	bc	73	1016·6	SE	1	bc	75	*	*	–	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 3, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ ,,
6 Moderate ,,	6¼ ,,
7 Good ,,	12¼ ,,
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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 7th July 1934.

No. 26.525

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

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)	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)	1021·8	+2	E	4	b	76	45	8	1	-	1	Tr	1	2500
	Croydon	1021·4	+4	E'S	4	b	77	45	8	1	-	1	Tr	Tr	4000
	S. Farnborough	1020·7	-4	E	3	b	80	45	8	1	-	8	Tr	Tr	4000
	Boscombe Down	1020·3	-4	E'S	3	b	79	45	8	-	-	1	0	1	-
	Calshot, S'thmtn	1020·9	-2	ESE	4	b	72	55	8	-	4	1	0	1	-
	Dungeness			NE	3	bc			7	-	-		0	2-3	-
	Lympne	1022·2	0	NE	4	b	71	55	9	-	-	-	0	0	-
2	Shoeburyness	1023·3	+4	E'N	4	b	69	65	8	-	-	-	0	0	-
	Felixstowe	1023·7	+6	NE'E	4	b	66	75	9	-	-	1	0	Tr	-
	Gorleston	1023·7	+4	E'S	2	b	62	75	7	-	-	1	0	1	-
	Cranwell	1022·6	-2	SE'E	2	b	80	45	9	-	3	-	0	1	-
3	Birmingham	1021·7	-2	SE	2	b	80	25	8	-	-	1	0	1	-
	Upper Heyford	1021·7	+2	E	2	b	79	45	8	-	-	1	0	1	-
4	Ross-on-Wye	1020·4	0	ESE	3	bc	79	35	8	-	-	2	0	2-3	-
5	Portland Bill	1019·8	+6	E'S	4	b	66	65	8	-	-	-	0	0	-
	Plymouth	1019·6	+2	E	4	bc	72	45	8	-	-	4	0	2-3	-
	The Lizard	1019·0	+2	ENE	5	bc	68	75	8	7	-	1	2-3	2-3	4000
	Scilly (St. Mary's)	1019·4	+4	E	4	c	69	85	7	-	-	6	0	7-8	-
	Guernsey	1018·9	0	E	2	3_0	65	75	6	-	7	-	0	2-3	-
6	Pembroke	1019·2	0	SSE	1	bc	72	55	7	-	-	2	0	2-3	-
7	Holyhead	1020·9	+2	-	0	c	68	75	7	-	-	7	0	9+	-
	Chester (Sealand)	1021·3	-2	S'E	3	bc	82	35	6	-	-	6	0	4-6	-
8	L'pool (Bidston)	1021·5	0	E'S	3	bc	78	45	7	-	-	1	0	2-3	-
	Manchester	1021·3	-2	S'W	3	bc	81	[illegible]	8	1	-	5	Tr	2-3	4000
9	Harrogate	1021·6	0	S'E	1	b	79	45	7	-	-	1	0	Tr	-
10	Spurn Head	1023·6	+2	SE	3	bc	64		7	-	7	-	0	2-3	-
	Catterick	1021·7	-2	SE'S	3	b	80	45	7	1	-	1	Tr	Tr	4000
	Tynemouth	1021·5	+4	SE	3	bc	65	75	6	9	-	-	4-6	4-6	1500
11	Inchkeith	1021·4	0	S	1	c	72	95	7	5	7	9	4-6	9	1500
	Leuchars	1021·1	-2	E	2	bc	77	55	7	-	-	6	0	4-6	-
12	Renfrew (Abbotts I.)	1020·5	-2	SW	2	c	80	45	7	1	-	6	Tr	9	4000
	Eskdalemuir	1021·3	+4	SSW	2	bc	73	55	7	7	-	-	4-6	4-6	4000
13A	Tiree	1021·4	+8	S'W	3	c	65	85	7	5	-	-	7-8	7-8	4000
13B	Stornoway	1021·0	+8	SSW	3	c	67	75	6	8	6	-	4-6	9	2500
15	Dalwhinnie	1020·8	0	SW	3	bc	77	45	8	1	-	8	2-3	4-6	5700
	Aberdeen	1021·2	0	ESE	2	3_0	65	75	6	1	-	1	Tr	1	2500
	Wick	1020·9	+2	S	3	c	58	85	7	5	3	1	4-6	7-8	1500
16	Lerwick	1022·6	-4	S	1	m	53	95	4	5	1	-	9	10	220
17	Blacksod Point	1020·8	+12	W	3	bc	65	85	8	-	5	-	0	4-6	-
18	Malin Head	1020·4	+4	E'N	2	c	64	75	7	8	8	-	7-8	9+	2500
	Aldergrove	1020·6	-2	ESE	2	3_0	77	45	7	1	8	8	1	9	5700
	Donaghadee	1021·3	0	SE	2	bc	69	75	6	8	3	2	2-3	4-6	2500
19	Birr Castle	1020·0	-2	S	1	c	80	45	8	-	-	7	0	10	-
20	Valentia Obsy.	1020·3	+4	NW	3	c	71	55	8	1	-	2	1	9	4000
	Roches Point	1019·9	+4	SE	2	bc	67	75	8	5	-	-	4-6	4-6	2500

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

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)	1021·7	+6	E	4	b	77	45	8	-	-	4	0	1	-	0	•
	Croydon	1021·7	+8	ENE	3	bc	73	55	8	-	-	5	0	2-3	-	0	•
	S. Farnborough	1020·8	+12	E'N	3	bc	77	45	8	-	-	4	0	2-3	-	0	•
	Boscombe Down	1019·9	+2	E	3	bc	79	45	8	-	-	2	0	4-6	-	0	•
	Calshot, S'thmtn	1020·5	0	ESE	4	bc	70	75	8	-	-	5	0	2-3	-	0	2
	Dungeness			NE	4	b			7	5	-		1	1	4000	•	3
	Lympne	1022·3	+2	NE	4	b	69	65	8	-	-	4	0	Tr	-	0	
2	Shoeburyness	1022·8	-2	E'N	4	b	66	75	8	-	-	4	0	1	-	0	•
	Felixstowe	1023·4	+2	ENE	3	bc	64	65	9	-	-	4	0	2-3	-	0	1
	Gorleston	1023·5	0	NE'E	3	b	63	75	7	-	-	1	0	1	-	0	2
	Cranwell	1022·5	+2	E'N	2	bc	78	55	8	-	9	9	0	4-6	-	0	
3	Birmingham	1020·9	0	ESE	2	bc	81	35	8	-	3	2	0	4-6	-	0	•
	Upper Heyford	1021·0	+2	E	3	bc	79	35	8	-	-	2	0	4-6	-	0	•
4	Ross-on-Wye	1020·2	-6	SE'E	2	c	80	45	7	5	5	5	1	7-8	5700	0	•
5	Portland Bill	1019·5	-6	E'S	3	bc	65	65	8	5	-	1	2-3	4-6	2500	0	2
	Plymouth	1019·5	0	E	4	bc	72	45	8	-	3	1	0	2-3	-	0	1
	The Lizard	1019·7	0	NE'E	4	bc	63	75	8	7	-	-	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1019·6	+4	E	4	bc	65	75	6	-	8	-	0	4-6	-	0	3
	Guernsey	1018·4	0	NE	3	3_0	65	75	6	-	7	-	0	2-3	-	0	3
6	Pembroke	1019·6	-2	-	0	bc	73	55	7	-	7	9	0	4-6	-	0	1
7	Holyhead	1021·3	+2	NW	1	c	65	75	7	-	7	-	0	9+	-	0	0
	Chester (Sealand)	1020·9	+2	SE'S	2	c	80	35	7	-	7	6	0	7-8	-	0	•
8	L'pool (Bidston)	1021·1	0	NW'W	2	c	77	45	7	-	-	6	0	7-8	-	0	
	Manchester	1020·8	+2	SSW	2	bc	82	25	8	-	-	6	0	4-6	-	0	•
9	Harrogate	1021·8	0	SSE	1	b	78	45	9	-	-	1	0	1	-	0	•
10	Spurn Head	1023·2	-2	SE	4	bc	63	75	7	-	1	1	0	2-3	-	0	3
	Catterick	1021·3	0	SE'S	1	bc	77	45	8	4	9	2	1	4-6	7200	0	•
	Tynemouth	1021·4	0	SE	2	c	65	75	7	5	-	-	7-8	7-8	1500	0	1
11	Inchkeith	1021·4	-2	SE	1	c	66	85	7	5	1	-	4-6	10	1500	0	0
	Leuchars	1021·2	+2	S	1	c	73	55	7	1	8	6	Tr	9	4000	0	•
12	Renfrew (Abbotts I.)	1020·7	+2	WNW	1	c	75	55	8	-	-	7	0	9+	-	0	•
	Eskdalemuir	1021·7	+2	NNW	1	c	68	75	7	7	-	-	9+	9+	5700	0	
13A	Tiree	1021·8	0	NW'N	1	bc	64	75	7	-	3	-	0	2-3	-	0	1
13B	Stornoway	1021·2	0	S	3	c	59	95	6	8	6	-	4-6	7-8	1500	1	1
15	Dalwhinnie	1020·7	0	SW	3	3_0	75	55	8	1	-	8	2-3	4-6	5700	0	•
	Aberdeen	1021·7	+4	NE	1	c	67	75	7	-	8	7	0	9+	-	0	0
	Wick	1021·9	+6	S	1	c	56	95	7	5	1	-	7-8	9	1500	0	1
16	Lerwick	1022·4	-2	SW	2	F	52	95	1	5	-	-	10	10	<150	0	•
17	Blacksod Point	1022·8	+6	N	1	c	62	95	6	-	2	-	0	10	-	0	1
18	Malin Head	1022·0	+6	NNE	2	bc	62	75	7	1	8	-	Tr	2-3	4000	0	0
	Aldergrove	1020·9	+2	SSE	3	3_0	74	55	7	1	8	7	Tr	9+	4000	0	•
	Donaghadee	1021·1	-2	SSE	1	c	60	85	6	8	3	2	4-6	7-8	1500	0	0
19	Birr Castle	1019·8	-2	S	1	c	82	45	8	-	-	7	0	10	-	1	•
20	Valentia Obsy.	1020·6	+2	W'N	2	bc	70	75	8	1	3	2	Tr	4-6	4000	0	0
	Roches Point	1020·3	+6	SE	2	bc	67	75	8	5	-	9	2-3	4-6	2500	0	1

PAST 24 HOURS. WEATHER.

District	Stations	7h.–13h. 6th (37)	13h.–18h. 6th (38)	18h. 6th to 1h. 7th (39)	1h.–7h. 7th (40)
1	London (Kew)	$b3_0bcy$	by	bc	$bcbm_0w$
	Croydon	by	bbcy	bcyb	$bbcm_0cff$
	S. Farnborough	by	[illegible]	bcyb	bm_0
	Boscombe Down	$b3_0by$	bybcy	bcyb	$bcbbc3_0$
	Calshot, S'thmtn	by	by	b	b
	Dungeness	b	b	•	bc
	Lympne	bbcby	bvy	bbv	[illegible]
2	Shoeburyness	b	b	bcbw	bw
	Felixstowe	bcbv	bv	bvbw	bbc
	Gorleston	bcb	b	bc	bc
	Cranwell	by	bcy	c	bcm_0c
3	Birmingham	b	bbc	bc	bbc
	Upper Heyford	by	bbcy	bcyb	$b3_0$
4	Ross-on-Wye	by	bybcy	cyby	bbc
5	Portland Bill	b	bbc	b	bbc
	Plymouth	bbcy	bcy		bbc
	The Lizard	bc	bc	bc	bc
	Scilly (St. Mary's)	c	cbc	bccbc	cbcc
	Guernsey	bcz	bcz	bcb	bbc
6	Pembroke	b	bcy	bcb	$bcbm_0$
7	Holyhead	cb, c⊕	c	cbcw	$bc3_0w$
	Chester (Sealand)	$b3_0bc$	bcc	$cbcm_0$	$bccm_0$
8	L'pool (Bidston)	$b3_0b$	bbccy	cybc	bc3b
	Manchester	$b3_0y$	bbcy	bybc	$bbc3_0$
9	Harrogate	b	b	bbc	bcb
10	Spurn Head	bc	bc	bcc	c
	Catterick	$b3_0by$	bybcy	ybc	cbcb
	Tynemouth	bc	bcc	cbc	bc
11	Inchkeith	$bc3_0$	bcc	c	cpr
	Leuchars	bm_0bcy	bcyc	$cybcm_0$	$cbcm_0w$
12	Renfrew (Abbotts I.)	$b3_0bcc$	cbccy⊕	cyc	$wc3_0$
	Eskdalemuir	$b3_0bcy$	pr_0c	c	cbw
13A	Tiree	c	cbc	bcw	bc
13B	Stornoway	cpr	cpr_0	c	c
15	Dalwhinnie	3bc	3bc	•	3bc
	Aberdeen	$fb3_0$	bcyc	$c3_0$	$cbcb3_0$
	Wick	Ffsc	omcmc	c	cm_0m
16	Lerwick	$FFbcm_0$	cmFF	$cFcpcm_0$	cmmt
17	Blacksod Point	bc	bc	bc	bc
18	Malin Head	c	cbc	bc	bcc
	Aldergrove	$bcc3_0$	$c3_0$	$c3_0bc$	$bc3_0bm_0$
	Donaghadee	$bc3_0$	$bb3_0$	cbc	$bc3_0$
19	Birr Castle	c	c	c	cb
20	Valentia Obsy.	cy	cybc	bcw	bcwb
	Roches Point	3_0bc	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/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. r_0, 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 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.

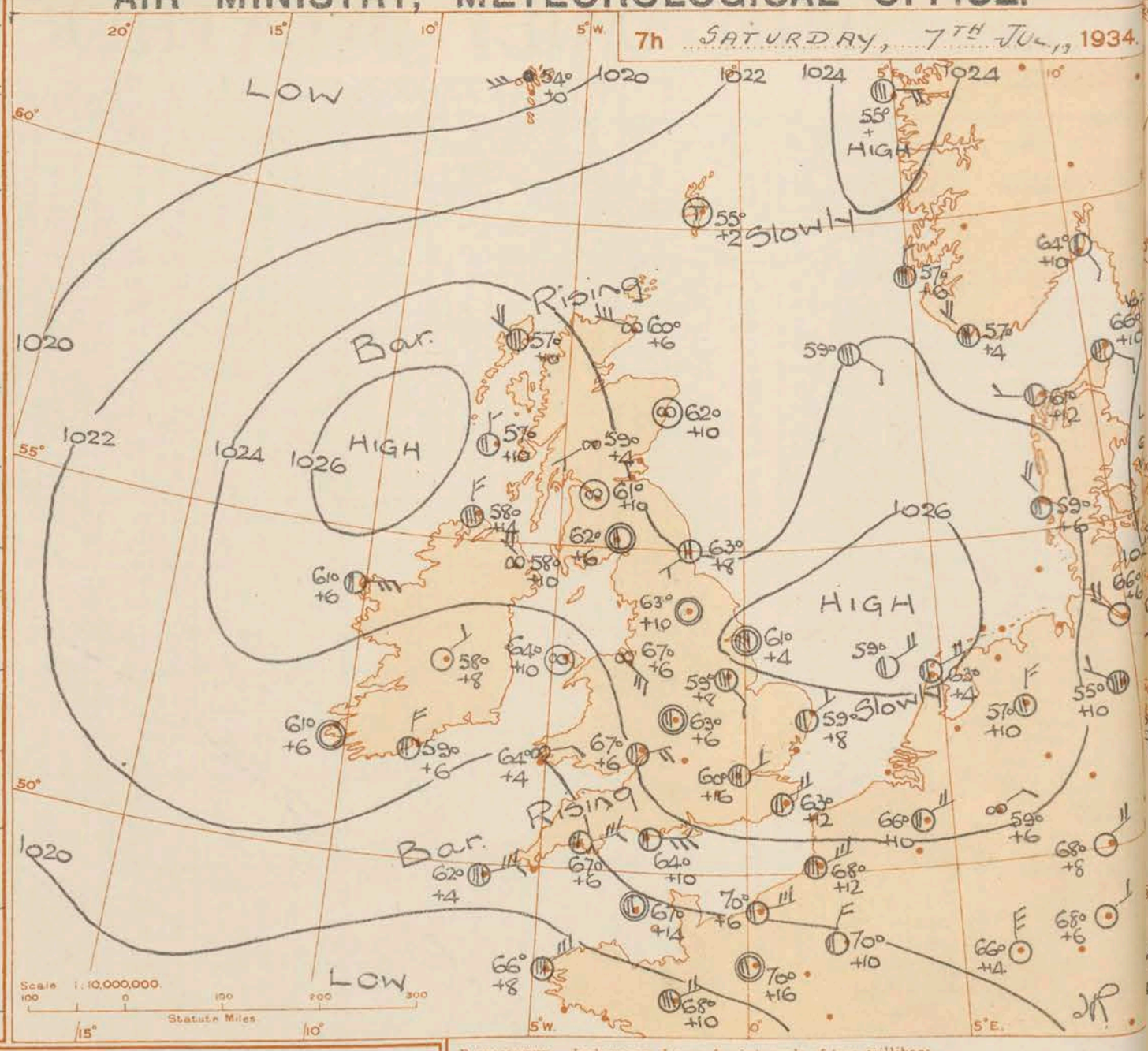
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 6th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 5th to 9h. 6th	Temperature. Max. 9h.—17h. 6th	Rainfall. Night. 17h. 5th to 9h. 6th	Rainfall. Day. 9h.—17h. 6th	Sunshine. Sunrise to 17h. 6th	Sunshine. Sunrise to Sunset. 5th
1	Tunbridge W.	b	b	48	79	–	–	12·6	15·1
	Bournemouth	b	b	51	80	–	–	12·0	13·8
	Ventnor ...	b	b	59	72	–	–	12·2	13·4
	Southsea ...	b	b	56	79	–	–	12·5	14·2
	Bognor Regis	b	b	54	73	–	–	12·6	14·4
	Littlehampton	b	b	52	77	–	–	12·6	14·8
	Worthing ...	b	b	56	73	–	–	12·6	15·1
	Brighton ...	b	b	57	83	–	–	12·4	15·0
	Eastbourne†	b	b	54	72	–	–	12·4	14·5
	Hastings† ...	b	b	55	77	–	–	12·8	15·5
	Folkestone ...	b	b	57	74	–	–	12·5	14·8
	Dover... ...	yb	by	59	73	–	–	12·7	14·8
	Deal	b	b	58	71	–	–	12·6	14·9
	Ramsgate ...	b	b	58	66	–	–	12·1	14·7
	Margate ...	bc	b	58	66	–	–	12·6	15·4
2	Southend ...	b	b	54	73	–	–	12·1	14·5
	Maldon ...	b	bv	50	72	–	–	12·0	14·7
	Clacton-on-Sea	bc	bc	56	67	–	–	12·0	15·1
	Dovercourt ...	bcv	bv	53	68	–	–	12·7	?
	Lowestoft ...	b	b	55	66	–	–	13·0	15·8
	Skegness ...	b	b	56	66	–	–	12·5	13·9
	Mablethorpe	bcb	bbc	51	65	–	–	12·6	13·8
	Cleethorpes...	b	b	50	67	–	–	12·5	14·3
3	Leamington S.	b	b	53	83	–	–	12·5	13·3
4	Cheltenham†	by	byb	54	82	–	–	12·2	13·5
5	Bath	b	b	54	83	–	–	12·2	14·0
	Weymouth ...	by	b	57	72	–	–	12·4	14·4
	Jersey ...	b	b	61	81	–	–	12·3	14·0
	Torquay ...	b	by	59	71	–	–	12·3	14·4
	Penzance ...	b	b	55	73	–	–	10·9	13·0
	St. Ives ...	b	b	59	75	–	–	11·9	13·4
	Bude	wb	bbc	53	79	–	–	12·0	13·8
	Ilfracombe ...	b	b	62	74	–	–	11·7	14·0
6	Aberystwyth	bbc	bbc	59	77	–	–	11·1	14·1
7	Llandudno ...	bcb	bbc	59	77	–	–	10·5	14·0
	Colwyn Bay...	bcb	bbc	59	79	–	–	10·2	14·0
	Rhyl	b	b	55	85	–	–	10·9	13·6
8	Wallasey ...	b	b	60	84	–	–	10·6	14·0
	Southport‖ ...	b	bbc	59	85	–	–	10·8	13·5
	Blackpool ...	bcb	bbc	59	81	–	–	11·1	13·9
	Morecambe ...	bcbbc	bbcb	63	80	–	–	11·0	13·7
9	Ilkley	b	b	54	85	–	–	10·9	11·0
10	Berwick-on-T.	bc	bccc	54	66	–	–	9·2	15·4
11	Dunbar ...	bcm	bcm	53	72	–	–	8·3	14·1
12	Troon... ...	wby	bbc	52	79	–	–	10·2	15·1
	Douglas ...	cb3c	cbc3	57	73	–	–	5·6	14·0

† 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. 7th July, 1934
1 S.E. England 2. E. England...	Light or moderate east or northeast wind; fine today, perhaps less settled later with a thundery tendency; warm or very warm except on coast.
3. E. Midlands 4. W. Midlands	Light or moderate east or northeast wind; fine today, perhaps less settled later with a thundery tendency; very warm.
5. S.W. England	Moderate east or northeast wind; fair or fine today, perhaps less settled later with a thundery tendency; warm.
6. South Wales	As 3 - 4.
7. North Wales 8. N.W. England 9. N. Midlands	Light variable or easterly wind; fine or fair; very warm.
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	Light variable wind; fair; warm, except locally on coast.
15. N.E. Scotland 16. Orkneys and Shetlands	Light westerly or variable wind; mainly fair; rather warm.
17. N.W. Ireland 18. N.E. Ireland	Light variable or easterly wind; fair; warm.
19. S.E. Ireland 20. S.W. Ireland	Light or moderate east or northeast wind; fine today, perhaps less settled later with a thundery tendency; 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 2/10 to 5/10 clouded. Sky 7/10 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 belt of high pressure covers the British Isles while a depression situated off Northwest Spain is likely to move northeast. Weather will be fair or fine, but may become less settled tomorrow in the South with a thundery tendency.

FURTHER OUTLOOK.

Probably a thundery tendency in the South; mainly fair in the North.

Forecasts issued at

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

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 7th July 1934.

No. 26.525

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

Distrct.	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	1023.4	+2	-	0	b	58	95	8	-	-	1	0	Tr	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1023.9	+2	ENE	3	b	59	75	9	-	-	1	0	Tr	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1024.6	+4	E'N	2	bc	61	85	7	-	4	-	0	2-3	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1020.9	+2	E	4	b	63	85	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1020.5	+2	NE	4	bc	60	85	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1021.0	+6	NE	3	bc	59	85	7	4	-	-	2-3	2-3	4000
	Guernsey	175	1019.5	+2	-	0	b	61	75	7	-	-	-	0	0	-
6	Pembroke	142	1021.2	+8	SE	1	bc	63	75	7	5	-	-	2-3	2-3	5700
7	Holyhead	26	1022.4	+4	-	0	3o	61	75	6	3	-	-	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1024.5	+4	S	2	bc	59	95	7	-	7	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1023.0	+4	WSW	2	bc	65	75	6	5	-	-	4-6	4-6	800
11	Inchkeith	190	1023.1	+6	W	2	pr	65	95	8	8	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1022.6	+6	NW	1	c	57	95	6	8	6	-	7-8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1022.4	+2	W	1	c	56	95	7	8	3	8	4-6	9	2500
16	Lerwick	54	1023.2	+4	SSE	1	c	54	95	6	5	1	-	7-8	9+	1500
17	Blacksod Point	18	1023.8	+4	W	3	b	57	95	8	-	-	-	0	0	-
18	Malin Head	52	1023.7	+6	-	0	3o	56	95	6	5	-	-	2-3	2-3	2500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1022.7	+6	S	3	b	61	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distrct.	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)	1025.2	+10	E'S	3	b	64	75	5	-	8	1	0	1	-	0	*
	Croydon	1025.5	+16	ENE	1	c/f	60	95	5	5	-	5	4.6	7.8	800	0	*
	S. Farnborough	1024.6	+10	ENE	2	b	63	85	5	-	3	-	0	1	-	0	*
	Boscombe Down	1023.7	+8	E	2	bc	63	75	6	-	-	2	0	4.6	-	0	*
	Calshot (S'thmtn)	1023.7	+10	ENE	3	bc	68	75	8	-	-	9	0	2.3	-	0	2
	Dungeness	*	*	NE	3	bc	*	*	7	5	-	*	4.6	4.6	4000	*	3
	Lympne	1024.8	+10	E'N	3	bc	66	65	8	-	-	1	0	2.3	-	0	*
2	Shoeburyness	1025.9	+16	E	2	bc	67	85	8	-	-	2	0	2.3	-	0	*
	Felixstowe	1025.9	+12	NE'E	2	bc	63	85	8	-	-	4	0	4.6	-	0	1
	Gorleston	1025.9	+8	NE	1	bc	63	85	7	-	9	-	0	4.6	-	0	2
	Cranwell	1026.3	+8	SE	1	c	59	85	7	-	3	-	0	9	-	0	*
3	Birmingham	1025.6	+6	-	0	bc	63	65	6	-	3	-	0	4.6	-	0	*
	Upper Heyford	1025.1	+4	E	1	b	65	65	8	-	-	9	0	1	-	0	*
4	Ross-on-Wye	1024.4	+6	E	2	bc	67	65	7	-	5	-	0	4.6	-	0	*
5	Portland Bill	1022.7	+10	E	4	bc	64	75	8	5	-	1	2.3	4.6	2500	0	3
	Plymouth	1021.0	+6	E'N	4	bc	67	75	8	-	-	6	0	4.6	-	0	1
	The Lizard	1020.2	+2	NE'E	5	bc	63	85	8	7	-	2	2.3	4.6	4000	0	3
	Scilly (St. Mary's)	1020.9	+4	ENE	4	c	62	85	7	-	9	3	0	7.8	-	0	2
	Guernsey	1020.9	+14	-	0	bc	67	75	7	-	7	1	0	4.6	-	0	2
6	Pembroke	1021.8	+4	E	1	3o	64	75	6	-	-	1	0	2.3	-	0	1
7	Holyhead	1023.4	+10	-	0	3o	64	75	6	-	4	-	0	Tr	-	0	0
	Chester (Sealand)	1024.7	+6	SE'S	3	3o	67	65	6	-	4	1	0	1	-	0	*
8	L'pool (Bidston)	1024.9	+12	SE'E	3	bc	68	65	7	-	-	1	0	2.3	-	0	*
	Manchester	1025.0	+8	SSE	1	3o	67	65	6	-	4	1	0	2.3	-	0	*
9	Harrogate	1025.2	+10	-	0	3o	63	85	5	-	-	8	0	1	-	0	*
10	Spurn Head	1026.1	+4	-	0	c	61	85	7	-	7	-	0	7.8	-	0	1
	Catterick	1025.1	+6	SSE	3	bc	60	85	7	-	-	8	0	2.3	-	0	*
	Tynemouth	1023.4	+8	SW	1	bc	63	85	6	5	-	-	4.6	4.6	800	0	1
11	Inchkeith	1023.3	+8	SW	1	c	60	95	7	5	1	-	2.3	10	1500	0	1
	Leuchars	1023.9	+4	WSW	1	c	64	85	7	-	-	8	0	9	-	0	*
12	Renfrew (Abbotts'l)	1024.1	+10	-	0	3o	61	95	6	-	-	7	0	10	-	0	*
	Eskdalemuir	1024.5	+6	-	0	bc	62	75	6	-	-	2	0	4.6	-	0	*
13A	Tiree	1025.2	+10	N	1	bc	57	95	8	1	7	-	Tr	4.6	4000	0	1
13B	Stornoway	1024.6	+10	NW	2	c	57	85	8	5	7	-	7.8	9+	1500	1	1
15	Dalwhinnie	1024.7	+4	SW	1	3o	59	85	8	-	-	5	0	2.3	-	0	*
	Aberdeen	1023.2	+10	-	0	3o	62	85	6	-	7	-	0	Tr	-	0	0
	Wick	1023.3	+6	WNW	3	3o	60	85	6	5	9	-	4.6	9	1500	0	1
16	Lerwick	1023.2	+2	-	0	c	55	95	5	5	9	-	4.6	9+	800	0	*
17	Blacksod Point	1025.9	+6	E	3	c	61	85	8	7	-	-	7.8	7.8	1500	0	2
18	Malin Head	1025.4	+14	N	2	c	58	95	7	8	-	-	10	10	1500	0	0
	Aldergrove	1025.0	+10	NW'N	2	3o	58	95	6	1	-	-	Tr	Tr	4000	0	*
	Donaghadee	1024.5	+10	N	1	bc	59	85	6	8	3	-	4.6	4.6	1500	0	0
19	Birr Castle	1023.7	+8	NE	1	b	58	85	7	-	-	-	0	0	-	0	*
20	Valentia Obsy.†	1023.2	+6	-	0	b	61	95	8	-	-	-	0	0	-	0	0
	Roches Point	1023.2	+6	N	2	bc	59	85	8	5	-	-	2.3	2.3	2500	0	2

PAST 24 HOURS.

Distrct.	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 6h. Hrs. (36)
1	London (Kew)	79	58	48	-	-	13.9
	Croydon	78	54	48	-	-	13.9
	S. Farnborough	81	55	41	-	-	13.2
	Boscombe Down	81	57	52	-	-	14.7
	Calshot (S'thmtn)	74	61	58	-	-	15.2
	Dungeness	70	59	*	-	-	*
	Lympne	73	56	53	-	-	15.1
2	Shoeburyness	70	51	40	-	-	14.4
	Felixstowe	67	51	49	-	-	14.9
	Gorleston	64	58	56	-	-	14.9
	Cranwell	83	50	47	-	-	14.2
3	Birmingham	83	59	48	-	-	13.7
	Upper Heyford	82	54	*	-	-	*
4	Ross-on-Wye	82	54	45	-	-	13.3
5	Portland Bill	67	60	*	-	-	*
	Plymouth	73	61	58	-	-	14.9
	The Lizard	68	59	*	-	-	*
	Scilly (St. Mary's)	69	58	*	-	-	13.3
	Guernsey	66	60	54	-	-	14.8
6	Pembroke	74	58	*	-	-	12.6
7	Holyhead	69	58	49	-	-	8.4
	Chester (Sealand)	85	55	50	-	-	11.4
8	L'pool (Bidston)	84	63	*	-	-	10.7
	Manchester	84	58	52	-	-	12.7
9	Harrogate	80	55	49	-	-	12.2
10	Spurn Head	67	56	*	-	-	14.6
	Catterick	81	55	50	-	-	10.2
	Tynemouth	68	61	58	-	-	*
11	Inchkeith	78	60	58	-	Tr	7.7
	Leuchars	79	55	49	-	-	10.3
12	Renfrew (Abbotts'l)	81	53	51	-	-	10.6
	Eskdalemuir	75	49	41	Tr	-	5.8
13A	Tiree	67	55	45	-	-	4.0
13B	Stornoway	67	54	*	0.6	-	4.4
15	Dalwhinnie	78	46	40	-	-	10.1
	Aberdeen	75	54	50	-	-	7.3
	Wick	61	54	*	-	-	*
16	Lerwick	54	52	*	-	Tr	0.0
17	Blacksod Point	70	56	*	-	-	*
18	Malin Head	66	56	*	-	-	5.2
	Aldergrove	79	53	49	-	-	11.4
	Donaghadee	71	56	*	-	-	*
19	Birr Castle	82	51	40	-	-	11.3
20	Valentia Obsy.†	74	54	48	-	Tr	11.4
	Roches Point	71	55	*	-	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	b3o bcy	by	bcbm w	79	58	48	-	-	13.9	*	*	7
Croydon	217	by	bbcy	bcbm cfg	78	54	48	-	-	13.9	*	*	6
Greenwich (Royal Observatory)	149	by	by	bw	79	54	45	-	-	14.2	46	62	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	14.4	*	*	*
Westminster (St. James' Park)	27	*	*	*	78	59	55	-		14.2	44	63	*
Regents Pk. (Botanic Gardens)	189	*	*	*	80	57	51	-	-	14.3	54	60	*
Camden Square	110	b	b	*	83	56	50	-	-	*	*	65	*
Kensington	80	bc	bc	*	80	58	51	-		14.3	At 18h.	63	*
Hampstead Observatory	450	b	b	b	78	54	51	-	-	14.3	53	66	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.	Kew Observatory. Max.	Time.	Min.	Time.
0.5	8h 6th	<0.3	10h 6th to 3h 7th	0.3	6h 7th	<0.1	13h 6th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 6th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 7th July. 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	1017.5	NNE	3	b	84	1021.3	NNE	2	b	70	86	59	-	-
Brussels	1020.6	NNE	3	b	75	1023.5	ENE	2	b	66	79	55	-	-
Berlin	1017.1	NNW	4	bc	75	1019.5	NW	2	b	68	79	57	-	-
Zürich	1017.6	ENE	1	b	77	1021.2	N	1	b	61	84	55	-	-
Rome	1016.6	-	0	c	75	1019.3	-	0	b	72	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 „
2	Fog	550 „
3	Moderate fog	1,100 „
4	Mist or haze	1½ miles.
5	Poor visibility	2½ „
6	Moderate „	6½ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

*The observations are from Valentia W/T station. † Maximum and Minimum temperatures are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 8th July 1934.

No. 26·526

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1024·3	-2	E'N	3	b	79	35	8	-	-	1	0	1	-
	Croydon	1024·1	0	ESE	3	bc	79	45	8	-	-	2	0	2-3	-
	S. Farnborough	1023·4	-10	E'S	3	bc	82	45	7	-	-	2	0	2-3	-
	Boscombe Down	1023·2	-6	E	3	bc	80	45	7	-	-	2	0	4-6	-
	Calshot, S'thmtn	1023·8	-2	ESE	4	bc	74	75	8	-	-	1	0	4-6	-
	Dungeness	*	*	NE	3	bc	*	*	7	5	8	*	2-3	4-6	4000
	Lympne	1025·1	-4	ENE	3	bc	74	45	9	-	-	2	0	2-3	-
2	Shoeburyness	1025·4	-4	ENE	3	bc	72	55	8	-	-	8	0	2-3	-
	Felixstowe	1025·8	-2	NE'E	3	bc	67	65	9	-	-	9	0	2-3	-
	Gorleston	1026·0	-2	NNE	3	bc	65	75	7	-	-	9	0	4-6	-
	Cranwell	1025·2	-8	SE	1	b	80	45	9	-	-	-	0	0	-
3	Birmingham	1024·4	-2	ESE	2	b	82	35	8	-	-	-	0	0	-
	Upper Heyford	1024·0	-10	E	2	b	81	45	8	-	-	1	0	1	-
4	Ross-on-Wye	1023·3	-4	E'S	2	b	82	35	8	1	-	-	Tr.	Tr.	5700
5	Portland Bill	1023·1	+2	E	4	c	66	75	8	4	-	1	4-6	7-8	2500
	Plymouth	1021·8	+2	E'N	4	c	75	65	8	-	-	8	0	7-8	-
	The Lizard	1021·6	+4	NE'E	5	c	65	85	7	7	7	-	4-6	9	4000
	Scilly (St. Mary's)	1021·3	+4	E'N	4	c	71	75	6	-	7	3	0	7-8	-
	Guernsey	1021·3	0	E'S	2	bc	70	65	7	8	3	-	4-6	4-6	4000
6	Pembroke	1022·3	-2	SE	2	bc	76	55	7	7	7	-	1	2-3	7200
7	Holyhead	1024·6	+2	NWN	2	z_o	69	75	6	2	-	-	Tr.	Tr.	4000
	Chester (Sealand)	1024·5	~~+2~~ -6	~~SSE~~ SE'S	2	b	~~79~~ 85	~~45~~ 35	8	1	-	1	Tr	Tr	4000
8	L'pool (Bidston)	1024·6	0	NW	1	b	83	35	8	-	-	-	0	0	-
	Manchester	1024·4	-2	SW	3	b	84	35	7	1	-	-	Tr.	Tr.	4000
9	Harrogate	1024·3	-6	SE	1	b	80	45	8	-	-	3	0	Tr.	-
10	Spurn Head	1026·1	~~(—)~~ 0	SE	3	bc	65	75	7	-	1	-	0	2-3	-
	Catterick	1024·2	-6	SSE	2	b	84	35	7	3	-	-	1	1	4000
	Tynemouth	1024·1	0	SE	1	bc	67	75	6	1	-	-	2-3	2-3	4000
11	Inchkeith	1023·9	+2	SW	1	c	76	75	7	5	1	-	4-6	10	1500
	Leuchars	1024·1	+2	S	1	c	80	45	7	7	-	8	4-6	7-8	4000
12	Renfrew (Abbotsinch)	1024·4	0	NWW	2	c	78	55	8	7	-	1	4-6	7-8	4000
	Eskdalemuir	1023·7	0	W'S	2	bc	79	45	6	1	-	1	2-3	4-6	4000
13A	Tiree	1027·3	+6	NNW	2	bc	61	85	9	1	3	-	Tr.	2-3	4000
13B	Stornoway	1027·0	+6	NW	3	c	64	75	9	7	7	-	4-6	7-8	4000
15	Dalwhinnie	1025·6	+2	W	3	z_o	71	55	8	1	4	1	1	4-6	5700
	Aberdeen	1025·4	+18	N'W	2	pr_o	67	75	7	6	7	-	2-3	9+	4000
	Wick	1026·1	+4	NW	3	c	61	85	8	5	1	-	4-6	7-8	2500
16	Lerwick	1024·5	+10	W	2	c/pr	55	85	7	8	9	-	4-6	10	1500
17	Blacksod Point	1026·2	+6	N	4	b	65	85	9	-	-	1	0	1	-
18	Malin Head	1027·3	+8	N'E	1	bc	59	85	8	-	-	2	0	2-3	-
	Aldergrove	1026·1	+8	NNW	3	z_o	70	75	6	1	-	-	Tr.	Tr.	4000
	Donaghadee	1025·8	+4	NNE	2	c	61	85	7	8	3	2	4-6	7-8	2500
19	Birr Castle	1023·3	-2	NE	1	b	84	35	8	1	-	-	1	1	4000
20	Valentia Obsy.	1023·9	+2	W'N	1	b	69	75	8	1	-	-	Tr.	Tr.	4000
	Roches Point	1023·2	+4	SE	1	bc	74	75	8	5	-	-	2-3	2-3	2500

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

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 Mod. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1024·0	0	E'S	3	b	79	35	8	-	-	1	0	1	-	0	*
Croydon	1023·7	-2	E'S	3	b	76	35	8	-	-	1	0	Tr.	-	0	*
S. Farnborough	1023·3	+2	E'N	4	b	78	45	8	-	-	1	0	1	-	0	*
Boscombe Down	1022·4	-2	SSE	3	bc	79	55	7	-	-	1	0	2-3	-	0	*
Calshot, S'thmtn	1023·5	0	ESE	4	bc	[illegible]	65	8	-	4	1	0	4-6	-	0	2
Dungeness	*	*	NE	4	bc	70	*	7	4	7	*	2-3	4-6	4000	*	2
Lympne	1024·7	+2	NNE	3	bc	69	45	9	-	-	1	0	2-3	-	0	*
Shoeburyness	1025·2	-2	ENE	3	bc	67	65	8	-	-	8	0	2-3	-	0	*
Felixstowe	1025·3	-4	NE'E	4	b	64	65	9	-	-	1	0	1	-	0	2
Gorleston	1025·8	-4	NE'N	2	bc	65	75	7	-	4	-	0	2-3	-	0	2
Cranwell	1024·8	+2	E	2	b	79	45	9	-	3	-	0	Tr.	-	0	*
Birmingham	1023·6	-4	ESE	2	b	82	35	8	-	-	-	0	0	-	0	*
Upper Heyford	1023·2	-6	ENE	2	b	81	35	7	-	-	1	0	1	-	0	*
Ross-on-Wye	1022·8	-6	E	2	b	83	25	8	-	-	1	0	1	-	0	*
Portland Bill	1023·0	-6	E	3	c	66	75	8	4	-	1	4-6	7-8	2500	0	2
Plymouth	1022·2	-2	E'S	3	bc	76	55	8	-	3	8	0	4-6	-	0	1
The Lizard	1021·9	0	NE'E	4	bc	67	75	7	7	3	-	4-6	4-6	4000	0	3
Scilly (St. Mary's)	1021·1	-4	E'N	4	bc	68	75	7	-	-	3	0	2-3	-	0	3
Guernsey	1021·3	0	E'N	4	bc	67	75	7	5	-	-	2·3	2·3	4000	0	3
Pembroke	1022·4	-4	NNW	1	bc	75	55	7	-	-	5	0	2-3	-	0	0
Holyhead	1024·6	-2	NW	2	z_o	64	75	6	-	-	-	0	0	-	0	1
Chester (Sealand)	1024·0	0	NW'W	3	b	75	65	7	1	-	5	Tr.	Tr.	4000	0	*
L'pool (Bidston)	1024·4	-12	N	2	b	77	45	8	-	-	-	0	0	-	0	*
Manchester	1023·5	-2	NNW	3	bc	80	45	7	7	-	-	2-3	2-3	4000	0	*
Harrogate	1024·0	0	S	1	b	79	35	9	-	-	3	0	Tr.	-	0	*
Spurn Head	1025·7	-2	SSE	3	bc	63	75	7	-	1	1	0	2-3	-	0	2
Catterick	1023·7	0	S'E	2	bc	80	35	7	2	-	-	2-3	2-3	5700	0	*
Tynemouth	1024·2	0	SE	1	bc	66	75	6	9	6	-	4-6	4-6	2500	0	1
Inchkeith	1026·3	+20	NE	3	bc	62	95	7	5	6	-	4-6	4-6	1500	0	2
Leuchars	1026·8	+16	E	3	b	62	75	8	1	-	1	1	1	5700	0	*
Renfrew (Abbotsinch)	1024·7	+2	NW	2	bc	76	55	8	1	3	1	Tr.	2-3	5700	0	*
Eskdalemuir	1024·2	+2	NW	2	bc	74	65	7	1	-	2	1	4-6	4000	0	*
Tiree	1027·9	0	N'W	2	b	59	85	9	-	4	-	0	1	-	0	1
Stornoway	1028·0	+6	NW	2	b	64	65	9	7	-	-	1	1	2500	0	1
Dalwhinnie	1026·5	+6	NE	4	b	68	65	8	1	-	-	1	1	5700	0	*
Aberdeen	1027·3	+12	N'E	3	bc	62	65	8	8	8	-	4-6	4-6	4000	1	0
Wick	1027·4	+6	NW	3	bc	60	65	8	7	4	8	2-3	2-3	2500	0	1
Lerwick	1025·2	0	W	4	bc	56	85	8	4	9	1	4-6	4-6	800	1	*
Blacksod Point	1025·7	-4	NNE	4	b	67	65	9	-	-	-	0	0	-	0	2
Malin Head	1027·3	0	N	2	b	59	85	9	-	-	9	0	1	-	0	0
Aldergrove	1025·9	-2	NNW	3	b	68	65	8	-	8	4	0	1	-	0	*
Donaghadee	1025·8	0	N	2	bc	61	75	8	7	3	2	2-3	4-6	2500	0	1
Birr Castle	1022·9	-4	S	1	c	82	45	8	1	-	-	7-8	7-8	2500	0	*
Valentia Obsy.	1023·2	-2	W'N	2	bc	71	75	8	1	-	-	4-6	4-6	5700	0	0
Roches Point	1023·5	+4	SE	1	bc	73	75	8	5	-	-	2-3	2-3	2500	0	2

PAST 24 HOURS. — WEATHER.

Stations	7h.–13h. 7th (37)	13h.–18h. 7th (38)	18h. 7th to 1h. 8th (39)	1h.–7h. 8th (40)
London (Kew)	by	bbcby	by	bz_ow
Croydon	b$m_o z_o$y	bcv	byvbw	bw$m_o z_o$
S. Farnborough	b$z_o$by	by	byb	bwm_o
Boscombe Down	bcz_oy	bcbbcy	bcyb	b
Calshot, S'thmtn	bc	bc	bcb	b
Dungeness	bc	bc	*	b
Lympne	bbcvy	bcvy	bcvyb	bwb
Shoeburyness	bbc	bcb	b	bw
Felixstowe	bcbv	bv	bvb	b
Gorleston	bc	bc	bc	bcb
Cranwell	bcyby	by	byb	b
Birmingham	bcb	b	b	b
Upper Heyford	by	by	by	b
Ross-on-Wye	bcby	by	by	bw
Portland Bill	bcc	c	bcb	bbc
Plymouth	bcc⊕	cybc⊕	bcy	~~c~~ bc
The Lizard	bcc	cbc	bcbw	bbc
Scilly (St. Mary's)	c	cbc	bcb	bbc
Guernsey	bc	bc	bcbw	bwbc
Pembroke	bbcy	bby	b	bbc
Holyhead	b$z_o m_o$	bz_o	bm_ow	bm_ow
Chester (Sealand)	b	by	bwm_o	bwm_o
L'pool (Bidston)	bby	by	yb	bbz_ow
Manchester	bcby	bbcy	bz_o	bm_o
Harrogate	b	b	b	bo
Spurn Head	bc	bc	bcbw	bc
Catterick	bby	bcy	bcyc	cm_o
Tynemouth	bc	bc	co	o
Inchkeith	c	cbc	bcw	bcc
Leuchars	cbcy	bcycq	bw	bwc
Renfrew (Abbotsinch)	cbc	cbcby	b	b
Eskdalemuir	bybcy	bcybc	bc	bcc
Tiree	bc	bcb	bbcw	bc
Stornoway	c	c·b	bbc	bc
Dalwhinnie	zbc	b	*	bc
Aberdeen	cpr$_o$	ctPR	bc	bcb
Wick	cm$_o$mc	cbc	bc	bc
Lerwick	cm$_o$t-pr	cbc	bcc	c
Blacksod Point	bc	bc	bc	b
Malin Head	cbc	bc	bc	bc
Aldergrove	bz_o	bz_ob	b	b
Donaghadee	bcc	cbc	bc	bc
Birr Castle	by	bbccy	cbc	bcb
Valentia Obsy.	b	bbc	bcbw	bwb
Roches Point	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 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.

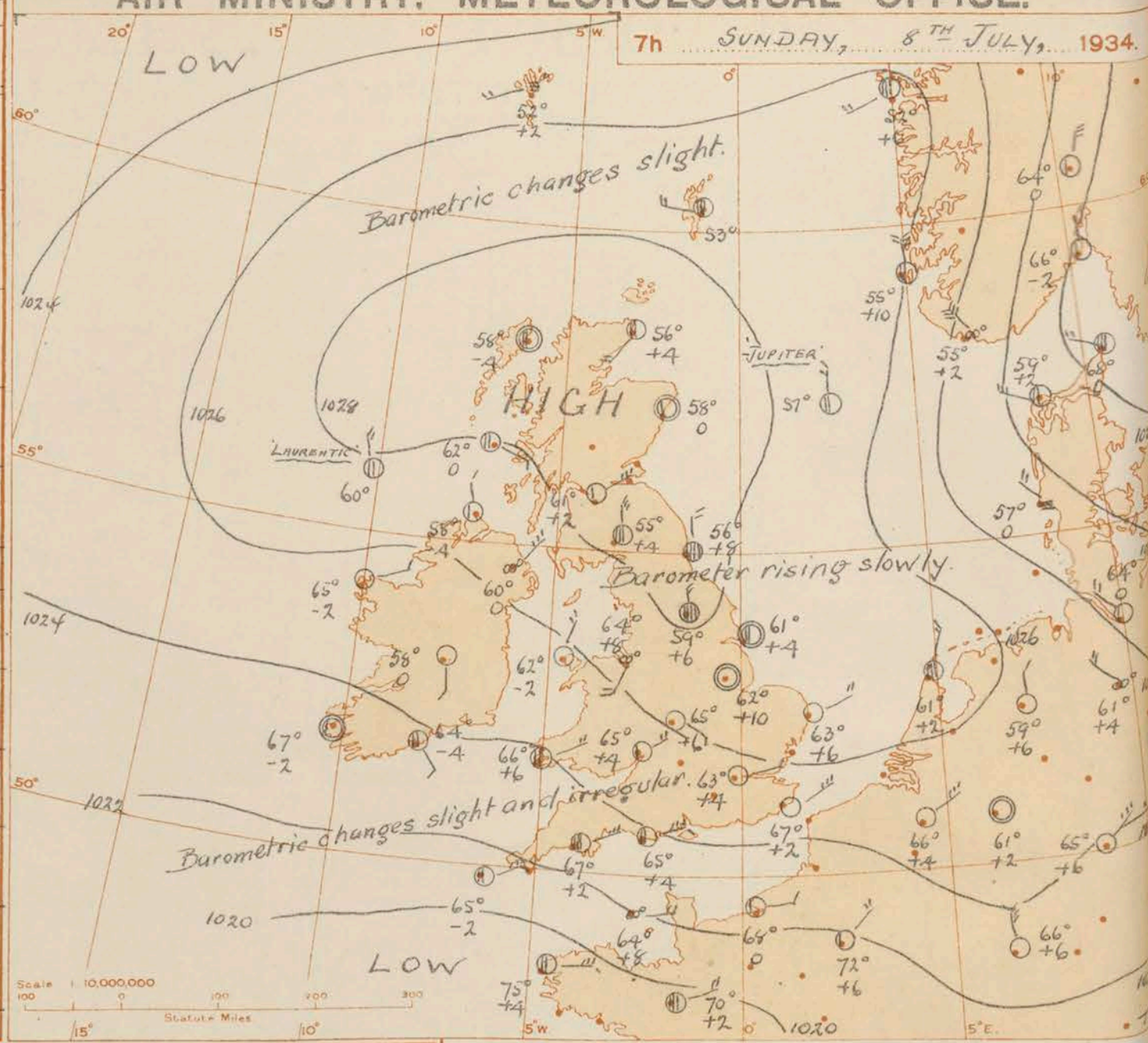
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 7h July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	54	81	-	-	12·5	14·7
	Bournemouth	b	b	60	84	-	-	11·8	14·7
	Ventnor ...	b	b	64	74	-	-	12·1	14·1
	Southsea ...	b	b	61	79	-	-	12·2	14·9
	Bognor Regis	b	b	60	75	-	-	12·3	14·8
	Littlehampton	bcb	bbc	57	77	-	-	12·5	14·0
	Worthing ...	b	b	60	74	-	-	12·0	14·7
	Brighton ...	b	bc	61	79	-	-	12·1	14·6
	Eastbourne†	b	bv	58	72	-	-	12·1	14·5
	Hastings† ...	b	b	59	77	-	-	12·4	15·1
	Folkestone ...	b	b	61	75	-	-	12·7	14·9
	Dover... ...	ybc	bcby	61	75	-	-	12·5	15·1
	Deal	b	b	57	72	-	-	12·6	15·0
	Ramsgate ...	b	b	60	67	-	-	12·1	14·1
	Margate ...	bc	bc	59	67	-	-	12·3	15·3
2	Southend ...	b	b	55	76	-	-	12·0	14·1
	Maldon ...	b	bv	53	75	-	-	11·8	14·7
	Clacton-on-Sea	bc	bc	56	69	-	-	12·3	14·5
	Dovercourt ...	bv	bc	53	65	-	-	12·5	15·3
	Lowestoft ...	b	b	56	69	-	-	13·1	15·4
	Skegness ...	bcb	b	59	68	-	-	8·8	14·6
	Mablethorpe	cbc	bv	51	67	-	-	7·9	14·3
	Cleethorpes...	cbc	bcb	53	72	-	-	8·5	14·1
3	Leamington S.	b	b	54	84	-	-	11·4	13·7
4	Cheltenham†	by	by	58	85	-	-	12·6	13·8
5	Bath	b	b	58	85	-	-	12·0	14·1
	Weymouth ...	b	b	62	74	-	-	12·6	15·0
	Jersey ...	b	b	65	82	-	-	11·8	15·2
	Torquay ...	b	bbc	61	74	-	-	10·4	15·0
	Penzance ...	bbcc	b	59	75	-	-	6·2	13·0
	St. Ives ...	b	b	59	75	-	-	5·8	14·0
	Bude	bc	bc	50	82	-	-	7·4	14·2
	Ilfracombe ...	b	b	59	81	-	-	12·0	13·8
6	Aberystwyth	3bc	bbc	58	78	-	-	11·9	11·3
7	Llandudno ...	b	b	60	79	-	-	11·7	10·5
	Colwyn Bay...	b	b	59	78	-	-	11·6	10·2
	Rhyl	b	b	57	83	-	-	11·8	10·9
8	Wallasey ...	b	b	63	84	-	-	11·5	11·1
	Southport‖ ...	b	b	61	83	-	-	11·5	11·6
	Blackpool ...	b	b	62	82	-	-	11·9	11·4
	Morecambe ...	3bc	b	63	81	-	-	11·9	12·0
9	Ilkley	b	b	54	84	-	-	9·9	12·2
10	Berwick-on-T.	bcb	bc	59	72	-	-	11·1	9·2
11	Dunbar ...	bcm	bc	60	79	-	-	9·0	8·3
12	Troon... ...	wcbb3	b3b	59	81	-	-	8·7	10·2
	Douglas ...	b3	bc3	58	77	-	-	12·0	5·6

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

AIR MINISTRY. METEOROLOGICAL OFFICE.



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 2/10 clouded. Sky 4/10 to 5/10 clouded. Sky 7/10 to 8/10 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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 8th July, 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	Light or moderate easterly winds; fine; very warm inland.
10 N.E. England 11 S.E. Scotland	Light northerly or variable wind; fair; warm except locally on coast.
12 S.W. Scotland & Isle of Man	Light northeast to east wind; fine; very warm inland.
13. A. W. Scotld. B. N.W. Scotland 14 Mid Scotland 15 N.E. Scotland 16 Orkneys and Shetlands	Light variable wind; fine; very warm inland.
17 N.W. Ireland 18 N.E. Ireland	As 12 - 13A.
19 S.E. Ireland 20 S.W. Ireland	As 1 - 9

GENERAL INFERENCE.

An anticyclone centred over Eastern Scotland covers the British Isles. Weather will be fine or fair generally and also very warm inland.

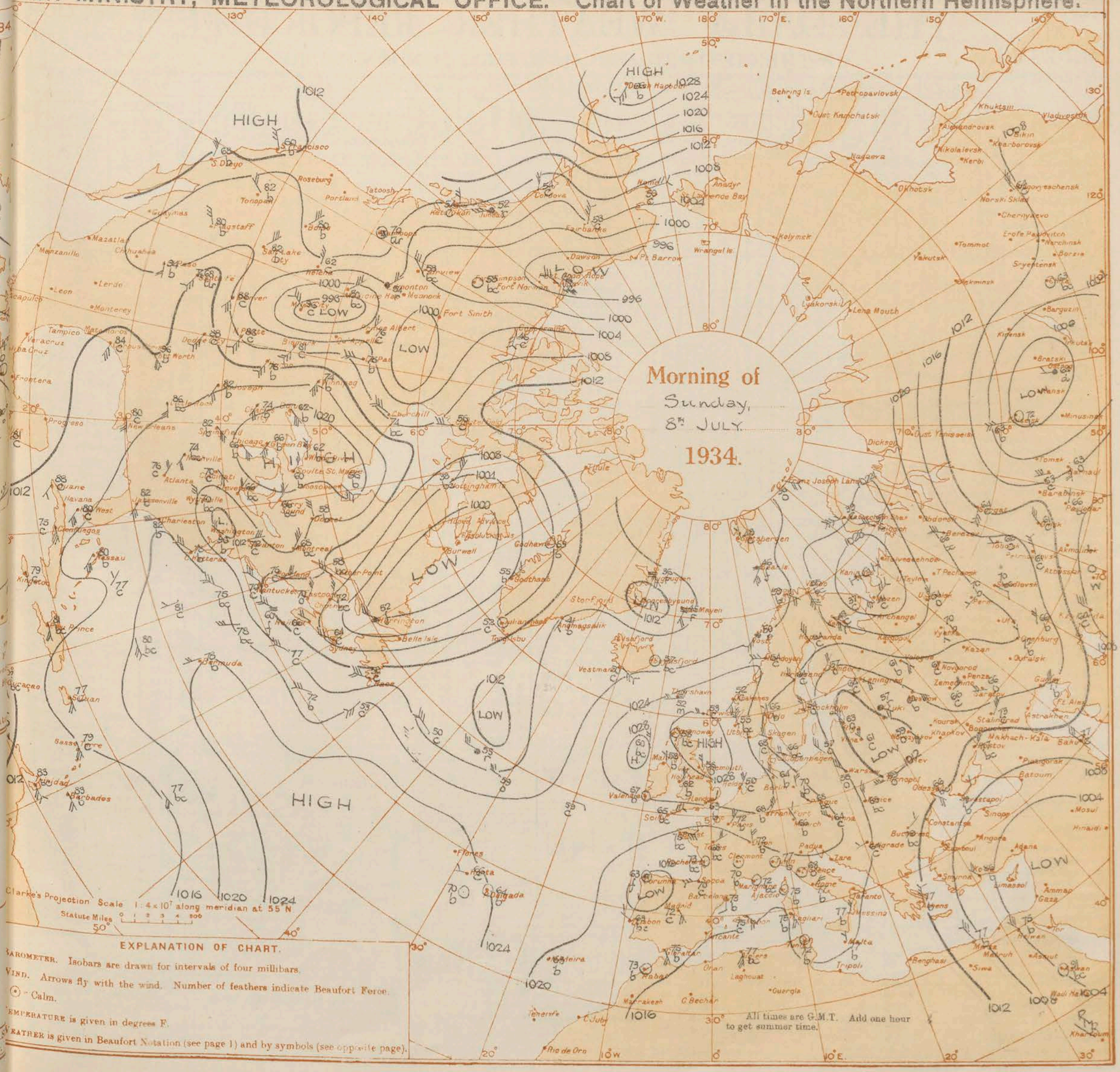
FURTHER OUTLOOK.

Little change.

Forecasts issued at 1130 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

Sunday, 8th July 1934.

No. 26.526.

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

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	1025.4	0	E	1	b	57	95	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1025.8	–2	NE'N	3	b	56	85	8	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1026.4	0	–	0	bc	60	85	7	–	1	–	0	2-3	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1025.2	–8	E	4	b	63	75	8	–	–	–	0	0	–
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1022.1	0	NE'E	5	b	61	85	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1022.6	+2	E'N	4	b	61	85	7	–	–	–	0	0	–
	Guernsey	175	1022.0	–4	–	0	b	60	85	8	–	–	–	0	0	–
6	Pembroke	142	1022.1	0	ENE	1	b	68	65	7	–	–	–	0	0	–
7	Holyhead	26	1025.3	–2	NNW	2	b	59	85	6	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1026.9	+2	–	0	b	60	95	7	–	1	–	0	Tr.	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1027.4	+16	NNW	3	0	58	95	6	5	–	–	10	10	1500
11	Inchkeith	190	1029.4	+8	NE	1	bc	55	95	8	5	–	–	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1029.6	+4	–	0	bc	50	95	6	7	7	–	1	2-3	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1028.9	+6	WNW	2	bc	50	95	8	5	4	–	2-3	2-3	2500
16	Lerwick	54	1027.7	+10	W'N	2	c	52	95	8	5	2	–	4-6	7-8	1500
17	Blacksod Point	18	1026.1	+6	–	0	b	62	85	8	–	–	–	0	0	–
18	Malin Head	52	1028.1	0	S	1	b	53	95	9	–	4	1	0	Tr.	–
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1024.1	+10	E	1	b	66	95	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1025.9	+6	E'S	2	b	65	65	6	-	-	-	0	0	-	0	*
Croydon	1025.3	+4	E	1	b	63	85	6	-	-	-	0	0	-	0	*
S. Farnborough	1025.4	+2	NE'E	2	b	63	76	6	-	-	-	0	0	-	0	*
Boscombe Down	1024.9	+8	NE'E	2	b	65	75	7	-	-	5	0	1	-	0	*
Calshot, (S'thmtn)	1024.6	+4	NE'E	3	b	68	65	8	-	-	1	0	Tr.	-	0	2
Dungeness	*	*	NE	3	b	*	*	7	-	-	*	0	0	-	*	2
Lympne	1025.6	+2	NE'E	3	b	67	75	8	-	-	-	0	0	-	0	*
Shoeburyness	1026.8	+10	NE	3	b	67	85	8	-	-	-	0	0	-	0	*
Felixstowe	1026.7	+4	NE'E	2	b	65	75	8	-	-	-	0	0	-	0	1
Gorleston	1026.6	+6	ENE	2	b	63	85	7	-	-	-	0	0	-	0	1
Cranwell	1027.7	+10	-	0	b	62	75	8	-	-	-	0	0	-	0	*
Birmingham	1027.1	+6	ESE	1	b	65	55	8	-	-	-	0	0	-	0	*
Upper Heyford	1026.1	+8	E	1	b	66	65	7	-	-	5	0	Tr.	-	0	*
Ross-on-Wye	1025.5	+4	NE'E	2	b	65	65	7	-	-	1	0	Tr.	-	0	*
Portland Bill	1023.8	+4	ENE	4	bc	65	75	7	4	-	1	2-3	4-6	2500	0	3
Plymouth	1022.8	+2	ENE	3	c	67	65	8	-	-	8	0	7-8	-	0	1
The Lizard	1021.9	0	NE	5	bc	62	85	8	7	3	-	2-3	4-6	4000	0	3
Scilly (St. Mary's)	1021.8	–2	ENE	4	bc	65	76	8	-	-	3	0	4-6	-	0	2
Guernsey	1022.0	+8	E'N	2	3o	64	75	6	5	-	1	4-6	4-6	4000	0	2
Pembroke	1023.3	+6	ENE	1	bc	66	65	7	-	7	-	0	2-3	-	0	1
Holyhead	1025.0	–2	N'E	2	b	62	95	6	-	-	-	0	0	-	0	1
Chester (Sealand)	1026.6	+8	S'W	2	3o	64	85	6	-	-	-	0	0	-	0	*
L'pool (Bidston)	1026.8	+4	ESE	3	b	67	65	6	-	-	-	0	0	-	1	*
Manchester	1026.6	+8	ENE	3	3o	65	75	6	-	-	-	0	0	-	0	*
Harrogate	1028.3	+6	N	2	0	59	95	5	5	-	-	10	10	2500	0	*
Spurn Head	1027.5	+4	-	0	bc	61	85	7	-	1	-	0	2-3	-	0	1
Catterick	1028.8	+8	NNE	3	0	59	95	6	5	-	-	10	10	450	0	*
Tynemouth	1028.7	+8	N	2	0	56	95	7	5	-	-	10	10	1500	0	1
Inchkeith	1029.9	+2	E	2	c	57	95	8	5	3	-	4-6	7-8	2500	0	1
Leuchars	1030.0	+2	ENE	2	c	59	75	8	5	-	-	9	9	6700	0	*
Renfrew (Abbotts'l)	1028.7	+2	ENE	3	b	61	75	8	-	-	1	0	1	-	0	*
Eskdalemuir	1028.9	+4	N	3	c	55	85	7	5	-	-	9	9	800	0	
Tiree	1027.6	0	ESE	1	bc	62	75	7	-	3	1	0	2-3	-	0	1
Stornoway	1028.7	–4	-	0	bc	58	85	9	7	7	-	1	2-3	2500	1	0
Dalwhinnie	1029.3	–2	S	2	bc	60	65	8	4	1	3	1	4-6	4000	0	*
Aberdeen	1029.7	0	-	0	b	58	75	8	-	-	3	0	Tr.	-	1	0
Wick	1029.5	+4	SW	2	bc	56	85	8	1	3	-	2-3	2-3	4000	0	1
Lerwick	1027.8	0	W'N	2	c	53	95	8	8	7	-	4-6	9	1500	0	*
Blacksod Point	1026.0	–2	E	1	b	65	85	8	-	-	-	0	0	-	0	1
Malin Head	1026.8	–4	N	1	b	58	85	8	-	-	4	0	Tr.	-	0	0
Aldergrove	1027.4	0	NE'E	3	3o	60	85	7	-	-	1	0	Tr.	-	0	*
Donaghadee	1027.8	0	NNE	2	bc	57	95	7	8	3	-	2-3	2-3	1500	0	1
Birr Castle	1026.1	0	S	1	b	58	95	8	-	-	-	0	0	-	0	*
Valentia Obsy.†	1023.8	–2	-	0	b	67	75	8	-	-	1	0	Tr.	-	0	0
Roches Point	1023.8	–4	SE	1	bc	64	85	8	5	-	-	2-3	2-3	2500	0	1

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 7h Hrs. (36)
London (Kew)	82	57	45	-	-	14.1
Croydon	81	53	51	-	-	13.8
S. Farnborough	84	48	39	-	-	14.3
Boscombe Down	83	56	53	-	-	14.6
Calshot, (S'thmtn)	74	59	52	-	-	13.7
Dungeness	70	60	*	-	-	*
Lympne	75	54	52	-	-	15.4
Shoeburyness	72	50	44	-	-	13.3
Felixstowe	68	52	49	-	-	15.4
Gorleston	67	57	55	-	-	16.9
Cranwell	84	47	43	-	-	11.4
Birmingham	84	60	49	-	-	13.0
Upper Heyford	83	54	43	-	-	*
Ross-on-Wye	84	64	44	-	-	15.1
Portland Bill	67	60	*	-	-	*
Plymouth	77	60	49	-	-	10.9
The Lizard	68	61	*	-	-	*
Scilly (St. Mary's)	71	60	*	-	-	9.6
Guernsey	70	53	55	-	-	14.3
Pembroke	78	61	*	-	-	14.3
Holyhead	70	58	53	-	-	14.7
Chester (Sealand)	87	51	44	-	-	13.4
L'pool (Bidston)	84	62	58	-	-	13.2
Manchester	85	55	46	-	-	11.7
Harrogate	81	58	53	-	-	12.4
Spurn Head	87	57	*	-	Tr.	11.1
Catterick	86	58	57	-	-	11.3
Tynemouth	74	56	55	-	-	*
Inchkeith	79	55	49	-	-	9.2
Leuchars	81	55	50	-	-	10.1
Renfrew (Abbotts'l)	79	54	50	-	-	13.0
Eskdalemuir	82	52	50	-	-	12.8
Tiree	62	52	47	-	-	11.9
Stornoway	66	47	*	-	-	8.5
Dalwhinnie	76	48	40	-	-	10.4
Aberdeen	71	50	48	5	-	4.0
Wick	63	48	*	-	-	*
Lerwick	58	50	*	6	-	4.8
Blacksod Point	68	59	*	-	-	*
Malin Head	61	40	*	-	-	10.9
Aldergrove	72	47	43	-	-	14.2
Donaghadee	62	54	*	-	-	*
Birr Castle	86	52	43	-	-	12.6
Valentia Obsy.†	75	58	52	-	Tr.	14.3
Roches Point	76	60	*	-	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.	Weather Night.	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
KEW	18	by	bbchy	by b3o w	82	57	45	–	-	14.1	*	*	7
CROYDON	217	bm3oy	bcv	by vb w3o	81	53	51	–	-	13.8	*	*	6
GREENWICH (Royal Observatory)	149	by*	by*	by*	~~81~~ 82	52	39	-	-	13.7	39	56	7
CITY (Bunhill Row)	---				*	*	*	*	*	13.2			*
WESTMINSTER (St. James' Park)	27	*	*	*	81	58	52	–		13.8	37	53	*
‡REGENTS PK. (Botanic Gardens)	189	*	*	*	82	56	48	–	–	13.5	45	47	*
CAMDEN SQUARE	116	b	b	*	86	56	49	–	–	*	*	53	*
KENSINGTON	80	bc	b	*	83	56	46	–	–	13.5	At 18h. 40	50	*
HAMPSTEAD OBSERVATORY	450	b	b	b	80	55	50	-	-	13.2		59	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 8th

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0.5	8-10h 7th.	<0.3	16-20h 7th.

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.2	6h. 8th.	<0.1	17h. 7th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Th. G.M.T. 8th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
PARIS	1019.8	NNE	4	bc	84	1021.7	NE	2	b	72	88	59	—	-
BRUSSELS	1022.2	NE	3	b	79	1024.6	NE	3	b	66	81	57	—	-
BERLIN	1019.5	NNW	5	3o	75	1021.2	N	2	b	70	82	61	—	-
ZURICH	1019.5	ENE	3	bc	77	1021.4	-	0	b	63	86	55	—	-
ROME	1017.7	WNW	3	b	75	1017.8	NE	2	b	77	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	2¼ ,,
6	Moderate ,,	6¼ ,,
7	Good ,,	12¼ ,,
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.

† Our observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 9th. July 1934.

No. 26,527.

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

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)	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)	1024.8	-8	E'S	3	b	82	25	8	-	-	1	0	Tr	-
	Croydon	1024.4	-10	ESE	3	b	81	35	8	-	-	-	0	0	-
	S. Farnborough	1023.9	-14	E'S	4	b	84	35	8	-	-	1	0	Tr	-
	Boscombe Down	1024.0	-6	E	3	b	82	45	8	-	-	3	0	1	-
	Calshot, S'thmtn	1024.3	-4	E'S	5	b	75	55	8	-	-	1	0	Tr	-
	Dungeness	*	*	NE	3	bc	*	*	7	7	-	*	2.3	2.3	4000
	Lympne	1025.4	-6	NNE	4	b	77	35	9	-	-	-	0	0	-
2	Shoeburyness	1026.6	0	ENE	4	b	71	65	8	-	-	1	0	1	-
	Felixstowe	1027.0	-2	NE'E	4	b	67	75	8	-	-	-	0	0	-
	Gorleston	1027.4	-2	NE	2	b	66	75	7	-	-	-	0	0	-
	Cranwell	1026.7	-10	E	2	b	82	35	9	-	3	-	0	Tr	-
3	Birmingham	1025.5	-4	E	3	b	82	35	8	-	-	-	0	0	-
	Upper Heyford	1024.7	-10	E	2	b	84	35	8	-	-	5	0	Tr	-
4	Ross-on-Wye	1023.4	-8	E	4	b	83	25	8	-	-	1	0	Tr	-
5	Portland Bill	1022.9	-10	ESE	5	b	68	75	7	-	-	-	0	0	-
	Plymouth	1022.1	-6	ENE	4	bc	77	55	8	-	-	8	0	4-6	-
	The Lizard	1021.6	0	NE'E	4	bc	68	75	8	7	4	4	2-3	4-6	4000
	Scilly (St. Mary's)	1020.8	-6	E	5	bc	70	75	7	-	-	3	0	2-3	-
	Guernsey	1021.4	-8	ENE	4	bc	67	75	7	5	6	-	4-6	4-6	4000
6	Pembroke	1023.0	-8	SE	3	bc	77	35	7	-	7	8	0	2-3	-
7	Holyhead	1024.8	-2	NW	1	bz₀	69	75	6	-	-	-	0	0	-
	Chester (Sealand)	1025.8	-8	SE	2	b	84	35	7	5	-	-	Tr	Tr	7200
8	L'pool (Bidston)	1025.5	-4	E	3	b	81	35	7	-	-	-	0	0	-
	Manchester	1025.8	-6	SE	2	z₀	83	35	6	-	-	1	0	Tr	-
9	Harrogate	1027.6	-6	N'W	2	b	70	75	7	-	-	3	0	Tr	-
10	Spurn Head	1028.3	+2	E	3	bc	68	65	7	-	1	-	0	2-3	-
	Catterick	1028.4	-8	NE	3	z₀	67	75	6	5	-	-	4-6	4-6	1500
	Tynemouth	1029.1	+2	NE	1	bc	64	85	8	9	-	-	4-6	4-6	1500
11	Inchkeith	1028.5	-4	E	3	bc	63	65	8	5	-	4	1	2-3	4000
	Leuchars	1029.7	-2	E	3	b	63	65	8	-	-	4	0	1	-
12	Renfrew (Abbotts I)	1027.0	-12	NNE	3	b	75	55	7	-	-	1	0	1	-
	Eskdalemuir	1026.9	-10	SE	2	bc	72	65	8	-	-	1	0	2-3	-
13A	Tiree	1027.5	-4	NNW	1	bc	63	75	8	-	-	6	0	2-3	-
13B	Stornoway	1028.4	-4	SE	2	bc	62	75	9	7	4	4	2-3	4-6	4000
15	Dalwhinnie†	1027.0	-4	W	1	bc	75	35	8	4	1	3	1	2-3	4000
	Aberdeen	1029.3	-4	SE	3	b	64	65	8	-	-	3	0	1	-
	Wick	1029.4	0	S	3	bc	60	85	8	7	4	8	2-3	4-6	4000
16	Lerwick	1027.8	-10	W	3	c	55	85	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	1025.6	-2	-	0	b	79	55	8	1	-	-	1	1	4000
18	Malin Head	1026.8	-6	E'N	3	b	61	85	7	-	-	5	0	1	-
	Aldergrove	1026.4	-6	ENE	2	z₀	77	55	6	-	-	-	0	0	-
	Donaghadee	1027.0	-2	NNE	1	b	66	75	8	-	-	-	0	0	-
19	Birr Castle	1024.5	-4	NE	1	b	81	45	8	-	-	-	0	0	-
20	Valentia Obsy.	1022.1	-10	ESE	3	bc	83	45	8	1	-	2	2-3	4-6	4000
	Roches Point	1023.9	-4	SE	2	bc	72	65	7	5	-	-	2-3	2-3	2500

OBSERVATIONS at 18h. G.M.T. 8th. July — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 8th. (37)	Weather 13h.–18h. 8th. (38)	Weather 18h. 8th. to 1h. 9th. (39)	Weather 1h.–7h. 9th. (40)
London (Kew)	1023.9	-2	E'S	3	b	78	35	8	-	-	8	0	1	-	0	·	by	by	by	cbcm₀
Croydon	1023.8	-2	ESE	4	b	74	35	9	-	-	2	0	Tr	-	0	·	bz₀y	by	byw	bwocm₀
S. Farnborough	1022.7	-6	E'N	4	b	79	35	8	-	-	1	0	Tr	-	0	·	bz₀by	by	yb	bwomc
Boscombe Down	1022.2	-2	E'N	3	bc	82	35	8	-	-	5	0	2-3	-	0	·	by	by	byb	bbm₀
Calshot, S'thmtn	1022.3	-12	ESE	5	b	73	65	8	-	-	4	0	1	-	0	2	by	b	b bw	bwb
Dungeness	*	*	NE	4	bc	*	*	7	-	8	*	0	2-3	-	*	3	bc	bc	*	f bc
Lympne	1024.5	-10	NE'N	5	b	70	55	8	-	-	-	0	0	-	0	·	by	by	byb	bwifm₀b
Shoeburyness	1025.0	-10	ENE	6	b	67	75	8	-	-	-	0	0	-	0	·	b	b	bbc	bcb
Felixstowe	1025.6	-8	NE	4	b	65	65	8	-	-	-	0	0	-	0	2	bv	bzV	bzom₀	om₀b
Gorleston	1026.4	-6	NE'N	3	bc	63	85	6	5	-	-	4-6	4-6	2500	0	2	bbc	bbcz₀	bcoif	b
Cranwell	1025.8	-6	E'N	3	b	72	55	8	1	3	-	Tr	1	4000	0	·	by	by	by bcc	cm₀bc
Birmingham	1023.3	-10	E	2	b	82	25	8	-	-	1	0	Tr	-	0	·	b	b	bbc	bcm
Upper Heyford	1022.9	-10	ENE	2	b	83	35	8	-	-	5	0	Tr	-	0	·	b	by	b	bom
Ross-on-Wye	1022.1	-16	E'N	3	b	84	25	8	-	-	1	0	1	-	0	·	by	by	by	bwm₀
Portland Bill	1021.0	-10	E	3	bc	67	75	8	4	-	1	2-3	4-6	2500	0	3	bcb	bbc	bcb	b
Plymouth	1020.8	-10	E'S	3	bc	79	45	8	-	8	8	0	4-6	-	0	1	bcy	bcy	bcyb	b
The Lizard	1020.0	-8	ENE	4	bc	67	85	8	7	-	1	4-6	4-6	4000	0	3	bc	bc	bcb	bbc
Scilly (St. Mary's)	1019.7	-8	E	5	bc	70	75	7	-	-	3	0	4-6	-	0	3	bc	bccbc	cbcbl	blbc
Guernsey	1020.1	-6	E'N	3	bc	67	65	7	5	-	-	4-6	4-6	4000	0	3	bcz	bccbc	bcb	bz
Pembroke	1022.2	-8	SE'E	1	bc	78	45	7	-	-	8	0	2-3	-	0	1	bcy	bcy	bcb	b
Holyhead	1023.4	-10	NNW	1	z₀	68	75	6	-	-	-	0	0	-	0	1	bm₀z₀	bz₀	bmbw	bwb
Chester (Sealand)	1023.7	-8	E'S	3	b	85	25	8	-	-	3	0	1	-	0	·	bz₀y	by	by	bwm₀cm
L'pool (Bidston)	1023.6	-10	E'S	3	b	83	25	7	-	-	1	0	Tr	-	0	·	by	by	by	b
Manchester	1024.2	-8	E	4	z₀	82	35	6	-	-	1	0	1	-	0	·	bz₀y	bz₀y	bz₀	bm₀
Harrogate	1026.7	-6	SE	2	b	70	65	7	-	-	5	0	Tr	-	0	·	bb	b	b	cbc
Spurn Head	1027.4	-2	E'S	4	c	59	95	6	5	2	-	9+	10	800	0	3	bc	co	fyc	cbcw
Catterick	1027.1	-6	NNE	2	z₀	64	75	6	-	-	1	0	1	-	0	·	bm₀bcz₀	bz₀	bz₀cw	woc
Tynemouth	1027.8	-8	E	1	bc	61	85	8	7	-	-	4-6	4-6	4000	0	1	obc	bc	bbc	cff bc
Inchkeith	1026.7	-8	NE	3	bc	59	85	8	-	-	4	0	4-6	-	0	2	cbc	bc	bc	bcw
Leuchars	1027.5	-12	E	3	b	63	75	9	-	-	1	0	1	-	0	·	cb	b	bbccw	cobw
Renfrew (Abbotts I)	1025.2	-10	E	3	b	74	55	8	-	-	1	0	Tr	-	0	·	by	by	by bc	bwz₀
Eskdalemuir	1025.5	-8	ENE	2	b	71	65	8	-	-	1	0	Tr	-	0	·	cbcb	b	b	bwb
Tiree	1026.0	-8	N	1	b	62	85	8	-	-	5	0	Tr	-	0	1	bc	bcb	bw	b
Stornoway	1027.0	-10	NE	3	bc	60	85	9	-	4	6	0	4-6	-	0	1	bc	bc	bcb	b
Dalwhinnie†	1026.6	-12	S	2	b	76	45	8	4	-	-	1	1	4000	0	·	bc	bc	*	b
Aberdeen	1027.8	-14	S'E	3	b	61	75	8	-	5	1	0	1	-	0	1	b	b	b	b
Wick	1027.4	-4	SE	2	c	59	75	8	7	6	8	4-6	7-8	2500	0	1	bc	bcc	cbc	FFbc
Lerwick	1027.2	-8	W	3	bc	57	85	8	7	3	-	2-3	4-6	1500	0	·	c	cbc	c	bcw
Blacksod Point	1023.0	-6	N	4	b	72	75	8	-	-	-	0	0	-	0	3	b	bc	b	b
Malin Head	1024.9	-8	E'N	3	b	60	85	7	-	-	-	0	0	-	0	0	bc	bc	bc	bc
Aldergrove	1025.2	-6	E'N	2	z₀	74	65	6	-	-	-	0	0	-	0	·	bz₀	bz₀	bz₀w	bm₀w
Donaghadee	1025.2	-8	-	0	b	67	75	7	-	-	-	0	0	-	0	0	bzb	b	b	b
Birr Castle	1022.1	-6	NE	2	c	83	45	8	1	-	8	2-3	7-8	2500	0	·	by	bbccy	cbc	bcbw
Valentia Obsy.	1021.4	-6	W'S	1	c	70	75	8	-	3	2	0	7-8	-	0	0	bbcy	bcyc	cbcbw	bwbc
Roches Point	1020.6	-6	SE	3	bc	74	65	7	5	-	-	2-3	2-3	2500	0	2	bc	bc	bc	bc

†On this report Dalwhinnie observations in Cols. 15-29 refer to 17h. G.M.T.

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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

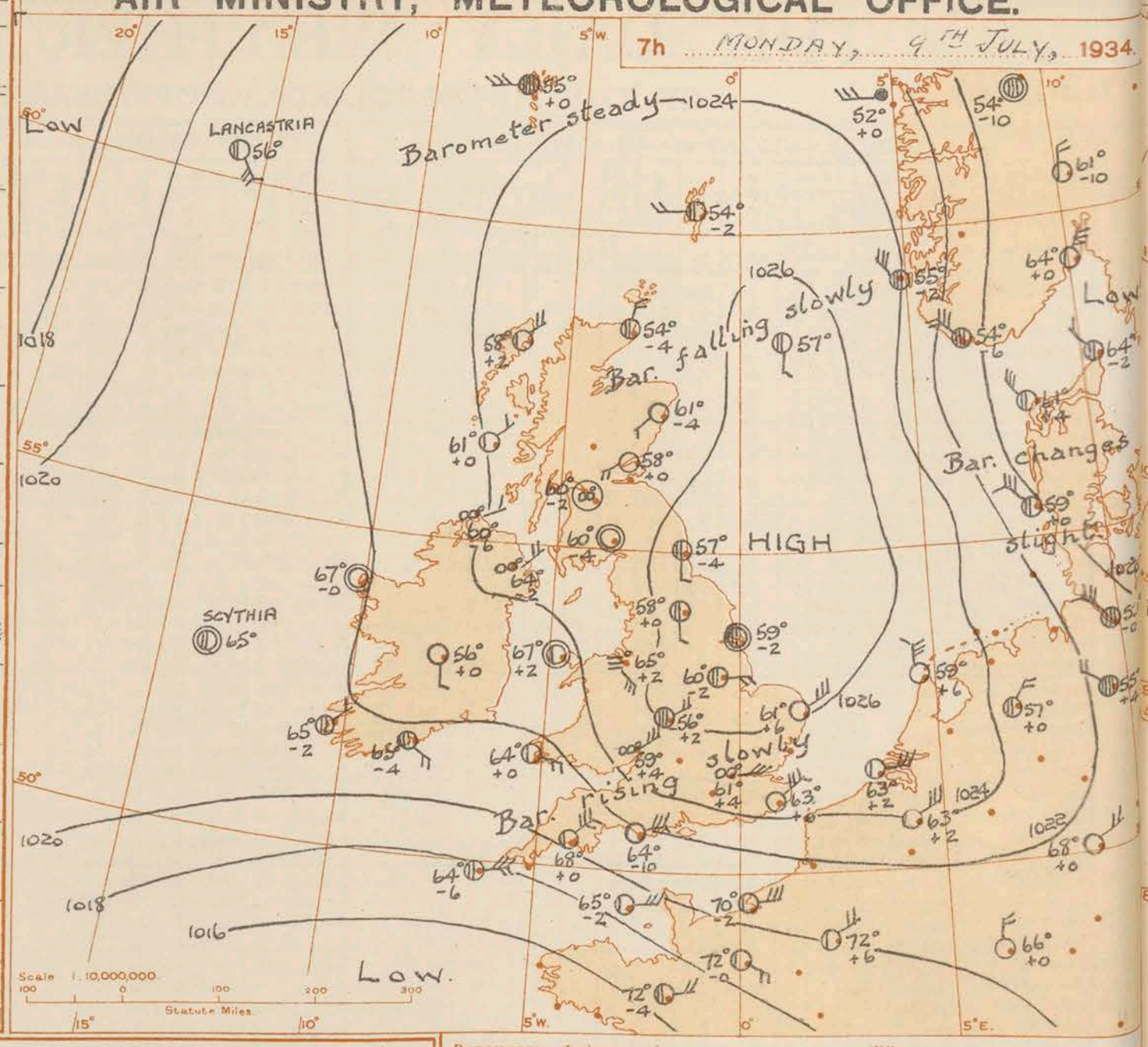
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Sunday 8th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 7th to 9h. 8th.	Temperature. Max. 9h.—17h. 8th.	Rainfall. Night. 17h. 7th to 9h. 8th.	Rainfall. Day. 9h.—17h. 8th.	Sunshine. Sunrise to 17h. 8th.	Sunshine. Sunrise to Sunset. 7th.
1	Tunbridge W.	b	b	52	82	-	-	12·5	15·4
	Bournemouth	b	b	53	85	-	-	12·0	13·3
	Ventnor ...	b	b	64	77	-	-	12·3	13·3
	Southsea ...	b	b	60	83	-	-	12·4	13·5
	Bognor Regis	b	b	59	77	-	-	12·4	14·6
	Littlehampton	b	b	55	82	-	-	12·6	15·0
	Worthing ...	b	b	60	82	-	-	12·6	14·8
	Brighton ...	b	b	61	87	-	-	12·4	15·0
	Eastbourne†	b	bv	57	75	-	-	12·4	14·9
	Hastings† ...	b	b	53	81	-	-	12·8	15·1
	Folkestone ...	b	b	62	78	-	-	12·4	15·1
	Dover... ...	yb	by	54	78	-	-	12·6	15·0
	Deal	b	b	55	73	-	-	12·2	15·4
	Ramsgate ...	b	b	61	68	-	-	12·4	14·4
	Margate ...	b	b	60	67	-	-	12·6	14·8
2	Southend ...	b	b	54	77	-	-	12·2	14·5
	Maldon ...	b	bv	52	74	-	-	12·3	14·6
	Clacton-on-Sea	bcbw	b	56	69	-	-	12·4	15·2
	Dovercourt ...	b	bv	53	69	-	-	12·9	15·0
	Lowestoft ...	b	b	52	69	-	-	12·6	16·2
	Skegness ...	b	b	52	67	-	-	12·3	11·6
	Mablethorpe	b	b	46	66	-	-	11·8	10·2
	Cleethorpes ...	b	bc	50	68	-	-	12·2	11·5
3	Leamington S.	b	b	51	85	-	-	12·7	14·0
4	Cheltenham†	by	by	57	88	-	-	12·4	15·2
5	Bath	b	b	54	87	-	-	12·1	14·5
	Weymouth ...	b	b	60	76	-	-	12·7	12·8
	Jersey ...	b	bc	64	83	-	-	11·0	14·5
	Torquay ...	by	by	57	75	-	-	11·8	12·0
	Penzance ...	b	b	61	77	-	-	10·6	8·6
	St. Ives ...	b	b	61	78	-	-	11·5	8·5
	Bude	bc	bc	50	84	-	-	11·8	9·2
	Ilfracombe ...	b	b	63	74	-	-	11·0	13·7
6	Aberystwyth	bbbc	bbc	64	86	-	-	12·2	14·8
7	Llandudno ...	b	b	58	84	-	-	11·6	14·1
	Colwyn Bay...	b	b	56	84	-	-	11·6	14·2
	Rhyl	b	b	55	88	-	-	11·7	14·4
8	Wallasey ..	b	b	61	86	-	-	11·8	13·5
	Southport‖ ..	b3	b	58	87	-	-	11·6	13·3
	Blackpool ..	cb	bbc	60	83	-	-	11·8	13·7
	Morecambe ...	b	b	64	84	-	-	11·8	14·2
9	Ilkley... ...	b	b	56	78	-	-	10·3	13·2
10	Berwick-on-T.	b	bbc	56	63	-	-	12·3	11·7
11	Dunbar ...	b	bc	54	63	-	-	10·3	9·0
12	Troon... ...	wb3	b3	54	81	-	-	11·6	11·3
	Douglas ...	b3	b3	58	77	-	-	11·6	14·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. 9th July, 1934.
1 S.E. England 2. E. England...	Moderate east or northeast wind, fresh locally on coast; fine; warm generally, very warm inland.
3. E. Midlands 4. W. Midlands	Light or moderate east wind; fine; very warm.
5. S.W. England 6. South Wales 7. North Wales	Moderate or fresh east wind, strong locally; mainly fine or fair, but chance of thunder in extreme southwest, especially later; warm or very warm.
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.	Light variable or southeast wind; fine; very warm.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 3 - 4.

GENERAL INFERENCE.

An anticyclone over the North Sea is decreasing in intensity and a depression over the Bay of Biscay is moving slightly north. Weather will be fine apart from a thundery tendency in the extreme southwest of England.

FURTHER OUTLOOK.

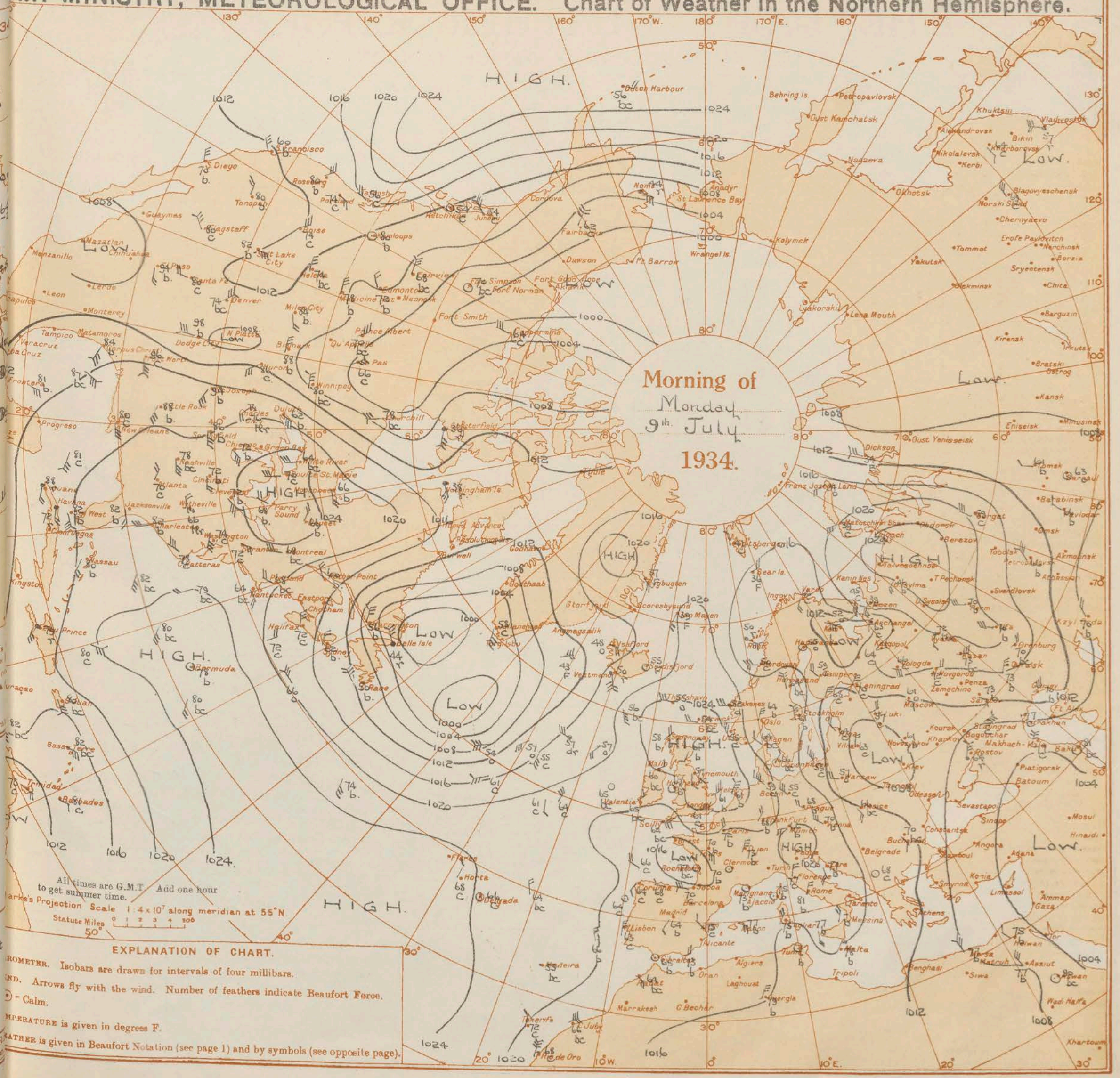
Mainly fine but thundery tendency in Southwest England, perhaps spreading after tomorrow; continuing very warm.

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. Fc 248/2756. Wt. 8016 D 5001. 8c 908 29143 7/34

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

Monday 9th July 1934.

No. 26,527.

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

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	1024.8	-2	E	2	bc	58	95	8	5	–	–	2-3	2-3	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1024.9	+2	NE'N	4	b	56	95	8	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1026.3	-2	NE	3	b	60	85	6	–	–	–	0	0	–
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021.7	-6	E'N	4	b	64	75	8	–	–	–	0	0	–
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1019.9	-2	NE'E	5	b	63	75	8	–	–	–	0	0	–
	Scilly (St. Mary's)	183	1020.1	0	ENE	4	2	63	85	8	5	–	–	1	1	4000
	Guernsey	175	1020.5	-2	E'S	1	b	62	85	7	–	–	–	0	0	–
6	Pembroke	142	1021.0	+4	NE	1	b	66	75	7	5	–	–	Tr	Tr	7200
7	Holyhead	26	1023.2	0	SE'E	2	b	62	75	7	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1027.4	0	E'S	1	c	57	95	7	5	2	–	4-6	7-8	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1027.4	-4	WSW	1	c	57	95	6	9	–	–	7-8	7-8	1500
11	Inchkeith	190	1026.8	-8	N	2	bc	56	95	8	5	–	9	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1026.4	-4	WNW	1	bc	52	85	7	5	–	–	2-3	2-3	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1025.8	-8	W	2	bc	47	95	7	5	4	–	2-3	4-6	2500
16	Lerwick	54	1026.1	0	W	3	c	53	95	7	5	2	–	7-8	10	800
17	Blacksod Point	18	1022.1	-2	–	0	b	66	75	8	–	–	–	0	0	–
18	Malin Head	52	1024.6	-6	NE	1	b	58	85	7	5	–	–	Tr	Tr	4000
	Aldergrove	228	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1024.9	-6	E'S	1	b	66	85	8	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1024.7	+6	ENE	3	c	61	85	5	7	–	–	7-8	7-8	4000	0	*
	Croydon	1024.3	+4	E	3	3o	61	85	6	5	–	–	9+	9+	800	0	*
	S. Farnborough	1024.3	+4	ENE	3	c	60	85	5	5	–	–	9+	9+	450	0	*
	Boscombe Down	1023.0	+2	ENE	3	3o	61	85	6	–	–	–	0	0	–	0	*
	Calshot (S'thmtn)	1022.9	+4	NE'E	3	b	67	75	7	–	–	–	0	0	–	0	1
	Dungeness	*	*	NE	3	bc	*	*	6	5	–	*	2-3	2-3	2500	*	1
	Lympne	1024.6	+6	NE	4	b	63	85	7	–	–	–	0	0	–	0	*
2	Shoeburyness	1025.5	+6	ENE	3	b	65	75	8	–	–	–	0	0	–	0	*
	Felixstowe	1025.3	+8	NE	3	b	62	85	8	–	–	–	0	0	–	0	1
	Gorleston	1026.0	+6	NE'E	3	b	61	85	7	–	–	–	0	0	–	0	2
	Cranwell	1026.3	-2	E	2	bc	60	85	7	7	–	–	4-6	4-6	1500	0	*
3	Birmingham	1026.1	+2	ENE	2	c	56	95	5	5	–	–	9+	9+	1500	0	*
	Upper Heyford	1025.6	+10	ENE	3	3o	57	95	6	5	–	–	9+	9+	450	0	*
4	Ross-on-Wye	1024.6	+4	ENE	3	3o	58	85	6	1	–	–	Tr	Tr	4000	0	*
5	Portland Bill	1020.7	-10	E	4	b	64	85	7	–	–	–	0	0	–	0	3
	Plymouth	1020.0	0	ENE	5	b	63	75	8	–	8	1	0	Tr	–	0	2
	The Lizard	1018.8	0	NE	6	bc	63	85	8	7	–	1	1	2-3	4000	0	3
	Scilly (St. Mary's)	1017.6	-6	E	5	bc	64	85	7	2	9	1	1	2-3	4000	0	3
	Guernsey	1019.4	-2	E	3	b	65	75	6	–	4	–	0	1	–	0	2
6	Pembroke	1020.7	0	ESE	2	b	64	75	7	–	–	1	0	Tr	–	0	1
7	Holyhead	1023.1	+2	–	0	b	67	65	7	–	–	1	0	Tr	–	0	0
	Chester (Sealand)	1025.6	+2	SSE	3	m	55	95	4	5	–	–	7-8	7-8	220	0	*
8	L'pool (Bidston)	1025.1	0	ESE	3	b	63	75	6	–	–	–	0	0	–	0	*
	Manchester	1025.4	+2	SE	1	3o	61	75	5	–	–	–	0	0	–	0	*
9	Harrogate	1026.5	0	S	1	bc	58	85	6	5	–	–	2-3	2-3	2500	0	*
10	Spurn Head	1026.3	-2	–	0	bc	59	95	7	5	1	–	2-3	4-6	1500	0	1
	Catterick	1026.3	-6	SSE	2	c	56	85	7	5	–	–	9+	9+	1500	0	*
	Tynemouth	1026.1	-4	S	1	bc	57	85	6	5	–	–	2-3	2-3	1500	0	1
11	Inchkeith	1026.0	0	NW	1	bc	56	95	7	5	–	–	2-3	2-3	1500	0	0
	Leuchars	1025.4	-10	WSW	2	b	58	85	8	–	–	–	0	0	–	0	*
12	Renfrew (Abbotts I.)	1025.2	-2	–	0	3o	60	75	6	–	–	–	0	0	–	0	*
	Eskdalemuir	1025.1	-4	–	0	b	60	85	7	–	–	–	0	0	–	0	
13A	Tiree	1024.3	0	NE'N	1	b	61	85	7	–	–	5	0	Tr	–	0	1
13B	Stornoway	1025.8	+2	NE	2	b	58	85	8	5	–	–	Tr	Tr	2500	0	1
15	Dalwhinnie	1025.3	-4	W	1	b	62	75	8	–	–	–	0	0	–	0	*
	Aberdeen	1024.4	-4	SSW	1	b	61	75	8	–	–	–	0	0	–	0	0
	Wick	1025.5	-4	NNE	2	bc	54	95	7	7	4	8	2-3	4-6	2500	0	1
16	Lerwick	1025.2	-2	W	2	bc	54	85	8	8	3	1	4-6	4-6	800	0	*
17	Blacksod Point	1021.8	0	–	0	b	67	75	8	–	–	–	0	0	–	0	0
18	Malin Head	1023.6	-6	E'N	1	3o	60	85	6	5	–	–	2-3	2-3	4000	0	0
	Aldergrove	1024.5	-2	NE'E	2	3o	64	85	6	–	–	–	0	0	–	0	*
	Donaghadee	1025.1	0	–	0	b	61	85	7	–	–	–	0	0	–	0	0
19	Birr Castle	1022.5	0	S	1	b	56	95	8	–	–	–	0	0	–	0	*
20	Valentia Obsy.†	1020.9	-2	NE'E	1	bc	65	75	8	–	–	6	0	2-3	–	0	0
	Roches Point	1021.1	-4	SE	2	bc	65	85	7	5	–	–	2-3	2-3	2500	0	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 9th Hrs. (36)
1	London (Kew)	83	51	54	–	–	15.2
	Croydon	82	57	54	–	–	15.3
	S. Farnborough	86	55	47	–	–	15.2
	Boscombe Down	85	57	54	–	–	14.7
	Calshot (S'thmtn)	77	62	55	–	–	15.5
	Dungeness	71	57	*	–	–	*
	Lympne	77	54	53	–	–	15.3
2	Shoeburyness	72	56	52	–	–	14.2
	Felixstowe	68	53	51	–	–	15.0
	Gorleston	66	58	56	–	–	13.3
	Cranwell	83	56	54	–	–	14.7
3	Birmingham	85	53	40	–	–	15.3
	Upper Heyford	85	54	49	–	–	*
4	Ross-on-Wye	85	55	46	–	–	15.6
5	Portland Bill	69	60	*	–	–	*
	Plymouth	80	65	63	–	–	12.5
	The Lizard	69	61	*	–	–	*
	Scilly (St. Mary's)	71	61	*	–	–	13.5
	Guernsey	70	61	56	–	–	12.3
6	Pembroke	81	60	*	–	–	14.2
7	Holyhead	71	59	46	–	–	14.1
	Chester (Sealand)	87	51	42	–	–	14.5
8	L'pool (Bidston)	85	59	55	–	–	14.0
	Manchester	85	55	47	–	–	~~13.6~~
9	Harrogate	74	55	54	–	–	10.0
10	Spurn Head	68	55	*	–	Tr	12.3
	Catterick	68	52	45	–	–	7.5
	Tynemouth	68	54	52	–	–	*
11	Inchkeith	63	55	48	–	–	14.2
	Leuchars	65	50	41	–	–	13.6
12	Renfrew (Abbotts I.)	78	49	46	–	–	15.0
	Eskdalemuir	76	48	43	–	–	12.0
13A	Tiree	67	51	38	–	–	16.0
13B	Stornoway	64	46	*	–	–	15.2
15	Dalwhinnie	78	45	36	–	–	15.7
	Aberdeen	64	55	49	–	–	15.2
	Wick	61	46	*	–	–	*
16	Lerwick	53	51	*	–	–	6.5
17	Blacksod Point	79	60	*	–	–	*
18	Malin Head	61	56	*	–	–	14.7
	Aldergrove	77	55	51	–	–	14.7
	Donaghadee	69	56	*	–	–	*
19	Birr Castle	85	50	42	–	–	13.4
20	Valentia Obsy.†	85	57	50	–	Tr	11.3
	Roches Point	75	60	*	–	–	*

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	bg	bg	bg c bcm	83	51	54	–	–	15.2	*	*	6
Croydon	217	bg g	bg	bg bcm	82	57	54	–	–	15.3	*	*	6
Greenwich (Royal Observatory)	149	bg *	bg *	bc bg *	84	56	53	–	–	15.2	32	56	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	14.6	*	*	*
Westminster (St. James' Park)	27	*	*	*	84	57	55	–		15.1	33	63	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	85	57	54	–	–	14.7	34	55	*
Camden Square	110	b	b	*	88	57	54	–	–	*	*	60	*
Kensington	80	b	b	*	86	58	53	–	–	15.0	At 18h. 42	61	*
Hampstead Observatory	460	b	b	bm	83	53	52	–	–	14.4	*	69	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0.3	7h. 9th.	<0.3	9h. 8th. to 6h. 9th.	0.2	7h. 8th.	<0.1	13-17h. 8th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 8th. July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 9th. July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1013.4	NNE	3	c	86	1020.1	NE	2	b	72	91	61	–	–
Brussels	1023.4	NE	4	b	79	1023.2	NE	3	b	63	82	*	–	–
Berlin	1018.3	N	4	c	81	1019.5	NW'W	3	o	55	84	*	–	–
Zürich						1020.0	NNE	1	b	63		55		–
Rome	1016.7	WNW	3	bc	73	1017.4	NE'N	2	b	81		*	–	–

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 "	12¼ "
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

§ On this report the Dalwhinnie observations Cols 31-35 refer to the periods 7h-17h. and 17h-7h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 10th July 1934.

No. 26528

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

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)	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)	1023.1	-10	E	4	b	79	35	8	-	-	-	0	0	-
	Croydon	1023.0	-6	E	4	b	78	35	8	-	-	-	0	0	-
	S. Farnborough	1022.0	-18	E'N	4	b	83	35	7	-	-	-	0	0	-
	Boscombe Down	1021.4	-14	E	3	z0	81	45	6	-	-	-	0	0	-
	Calshot, S'thmtn	1022.1	-6	ESE	5	b	72	65	8	-	-	-	0	0	-
	Dungeness	*	*	NE	4	b	*	*	7	-	-	*	0	0	-
	Lympne	1023.5	-8	NE	4	b	74	35	9	-	-	-	0	0	-
2	Shoeburyness	1024.6	-6	ENE	4	b	67	75	8	-	-	-	0	0	-
	Felixstowe	1025.1	-6	NE	4	b	65	75	9	-	-	-	0	0	-
	Gorleston	1025.4	0	NE	2	b	64	75	7	-	-	-	0	0	-
	Cranwell	1024.3	-14	E	2	b	80	45	8	-	-	-	0	0	-
3	Birmingham	1023.3	-12	SE	2	b	81	45	7	-	-	-	0	0	-
	Upper Heyford	1022.9	-14	ENE	3	b	83	45	8	-	-	-	0	0	-
4	Ross-on-Wye	1022.0	-14	ESE	3	z0	82	35	7	-	-	-	0	0	-
5	Portland Bill	1020.4	-8	E	5	b	68	75	7	-	-	-	0	0	-
	Plymouth	1019.5	-12	E'N	5	b	75	65	8	-	-	8	0	1	-
	The Lizard	1019.5	0	NE'E	5	bc	67	85	7	7	7	4	2.3	4.6	4000
	Scilly (St. Mary's)	1018.6	+2	E'S	5	c	70	75	6	-	7	1	0	7.8	-
	Guernsey	1019.2	-2	E'N	2	z0	67	75	6	-	3	-	0	2.3	-
6	Pembroke	1019.6	-8	SE	2	z0	75	55	6	-	-	-	0	0	-
7	Holyhead	1022.2	-10	WNW	1	b	66	75	7	-	-	-	0	0	-
	Chester (Sealand)	1023.1	-16	SSE	2	z	82	45	6	-	-	-	0	0	-
8	L'pool (Bidston)	1023.2	0	E	3	b	80	45	7	-	-	-	0	0	-
	Manchester	1023.3	-14	S	1	z0	81	45	6	-	-	-	0	0	-
9	Harrogate	1024.2	-10	SE	2	b	76	55	7	-	-	-	0	0	-
10	Spurn Head	1026.0	-2	SE	3	bc	65	65	8	-	1	-	0	2.3	-
	Catterick	1023.6	-16	SSE	2	b	79	45	7	-	-	-	0	0	-
	Tynemouth	1024.5	-8	SE	2	bc	60	85	7	5	-	-	4.6	4.6	1500
11	Inchkeith	1023.9	-14	N	1	bc	66	75	7	7	-	-	2.3	2.3	2500
	Leuchars	1023.2	-14	E	3	b	77	55	7	1	-	-	Tr	Tr	4000
12	Renfrew (Abbotts I.)	1022.7	-16	NW	1	b	81	45	7	2	-	1	1	1	5700
	Eskdalemuir	1022.9	-10	S	1	b	77	45	7	1	-	-	Tr	Tr	4000
13A	Tiree	1023.6	-6	NE'N	2	b	69	75	7	-	-	1	0	Tr	-
13B	Stornoway	1024.8	-2	NE	3	bc	63	85	9	7	7	1	Tr	2.3	4000
15	Dalwhinnie	1022.9	-4	N	1	b	79	25	8	4	-	-	1	1	4000
	Aberdeen	1024.1	-4	E	3	b	72	55	8	-	-	-	0	0	-
	Wick	1025.4	+2	NE	3	bc	57	95	8	5	4	-	2.3	2.3	2500
16	Lerwick	1024.6	-12	WSW	3	c	57	85	8	5	3	-	7.8	9	800
17	Blacksod Point	1021.0	-4	-	0	b	80	55	8	1	-	-	Tr	Tr	5700
18	Malin Head	1022.4	-6	E'N	3	z0	63	85	6	5	-	-	2.3	2.3	4000
	Aldergrove	1022.9	-8	ESE	2	z0	79	55	6	-	-	-	0	0	-
	Donaghadee	1023.9	-4	E	1	b	68	75	6	-	-	-	0	0	-
19	Birr Castle	1021.2	-14	SE	1	b	86	25	8	-	-	-	0	0	-
20	Valentia Obsy.	1019.6	-4	WSW	3	b	74	65	8	-	-	1	0	Tr	-
	Roches Point	1022.7	-4	SE	2	bc	73	55	8	5	-	-	2.3	2.3	2500

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

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)
London (Kew)	1021.6	-8	E	4	b	76	25	8	-	-	-	0	0	-	0	*
Croydon	1021.5	-8	E'S	4	b	72	35	8	-	-	-	0	0	-	0	*
S. Farnborough	1020.9	-4	E'N	4	b	76	25	8	-	-	-	0	0	-	0	*
Boscombe Down	1019.7	-6	E'N	4	z0	81	35	6	-	-	-	0	0	-	0	*
Calshot, S'thmtn	1020.1	-12	ESE	4	b	71	75	7	-	-	-	0	0	-	0	2
Dungeness	*	*	NE	4	b	*	*	7	-	-	*	0	0	-	*	2
Lympne	1022.1	-14	NE'N	4	b	68	45	8	-	-	-	0	0	-	0	*
Shoeburyness	1023.0	-10	ENE	4	b	66	55	8	-	-	-	0	0	-	0	*
Felixstowe	1023.7	-6	NE	4	b	64	55	9	-	-	-	0	0	-	0	1
Gorleston	1023.6	-10	NE'E	2	b	64	75	7	-	-	-	0	0	-	0	2
Cranwell	1023.1	-10	ENE	2	b	74	45	8	-	-	-	0	0	-	0	*
Birmingham	1021.0	-12	E	3	b	83	35	8	-	-	-	0	0	-	0	*
Upper Heyford	1021.2	-6	ENE	3	b	82	35	8	-	-	-	0	0	-	0	*
Ross-on-Wye	1019.7	-10	E	3	b	84	35	7	-	-	-	0	0	-	0	*
Portland Bill	1019.0	-6	E'S	4	b	65	75	8	-	-	-	0	0	-	0	3
Plymouth	1018.5	-6	E	4	b	76	45	8	-	8	1	0	1	-	0	2
The Lizard	1018.1	-8	NE'E	4	c	66	85	7	5	7	-	4.6	7.8	2500	0	3
Scilly (St. Mary's)	1018.4	-6	E	3	c	65	85	6	5	7	-	7.8	9	4000	0	3
Guernsey	1017.7	-12	E'N	3	z0	67	75	6	-	3	-	0	4.6	-	0	3
Pembroke	1018.6	-4	ENE	1	z0	77	55	6	-	-	7	0	4.6	-	0	1
Holyhead	1020.7	-10	WNW	2	z0	67	75	6	-	-	-	0	0	-	0	1
Chester (Sealand)	1020.9	-10	SE'E	2	b	86	35	6	-	-	-	0	0	-	0	*
L'pool (Bidston)	1021.2	-8	E'S	2	b	83	35	7	-	-	-	0	0	-	0	*
Manchester	1021.0	-10	SW	2	b	85	35	7	-	-	-	0	0	-	0	*
Harrogate	1022.7	-6	SSE	2	bc	72	55	8	-	8	2	0	4.6	-	0	*
Spurn Head	1023.9	-6	SE	3	bc	61	85	8	-	1	-	0	2.3	-	0	2
Catterick	1021.7	-10	S'E	2	b	78	45	7	-	-	-	0	0	-	0	*
Tynemouth	1022.6	-10	SE	2	bc	61	85	7	5	-	-	2.3	2.3	1500	0	1
Inchkeith	1022.7	-20	N	1	c	63	75	7	5	-	-	7.8	7.8	2500	0	0
Leuchars	1022.4	0	ENE	3	b	65	75	6	1	-	-	Tr	Tr	7200	0	*
Renfrew (Abbotts I.)	1020.9	-10	NW'W	2	b	81	45	8	1	-	1	Tr	Tr	5700	0	*
Eskdalemuir	1021.1	-6	SW'S	2	b	78	55	7	1	-	-	Tr	Tr	4000	0	*
Tiree	1021.9	-12	NNE	2	b	65	85	8	-	-	5	0	Tr	-	0	1
Stornoway	1023.4	-10	NE	3	bc	60	85	9	-	4	4	0	2.3	-	0	1
Dalwhinnie	×	-4	N	1	b	79	35	8	-	1	-	0	1	-	0	
Aberdeen	1023.7	-2	NE'E	2	b	64	65	7	-	7	1	0	1	-	0	0
Wick	1024.2	-6	ENE	2	bc	57	95	8	5	4	1	2.3	2.3	2500	0	1
Lerwick	1024.5	0	W'S	2	c	55	95	8	8	7	-	4.6	9	800	0	*
Blacksod Point	1020.3	-4	N	2	b	73	65	8	-	-	-	0	0	-	0	1
Malin Head	1020.6	-12	E	3	b	64	75	7	5	-	-	Tr	Tr	4000	0	0
Aldergrove	1021.5	-6	ESE	2	z0	78	45	6	-	-	-	0	0	-	0	*
Donaghadee	1021.8	-10	S	1	b	70	65	6	-	-	-	0	0	-	0	0
Birr Castle	1019.7	-8	SE	1	b	85	35	8	1	-	-	Tr	Tr	4000	0	*
Valentia Obsy.	1019.1	-2	WSW	1	b	74	65	8	-	-	-	0	0	-	0	0
Roches Point	1021.7	-4	SE	2	bc	71	65	8	5	-	-	2.3	2.3	2500	0	2

PAST 24 HOURS. — WEATHER

Stations	7h.–13h. 9th (37)	13h.–18h. 9th (38)	18h. 9th to 1h. 10th (39)	1h.–7h. 10th (40)
London (Kew)	bz0b	by	by	bz0
Croydon	cbm0z0y	byv	bybw	bwm0
S. Farnborough	cbcby	by	byb	bm0z0
Boscombe Down	bz0y	bz0y	bz0yb	bcb
Calshot, S'thmtn	b	b	b	b
Dungeness	b	b	b *	c
Lympne	byv	by	byb	b
Shoeburyness	b	b	b	bw
Felixstowe	b	bv	bvybw	b
Gorleston	b	b	b	bc
Cranwell	by	by	byb	b
Birmingham	cbcb	b	b	b
Upper Heyford	cby	by	b	b
Ross-on-Wye	bz0	byz0	byz0	bw
Portland Bill	b	b	b	bbc
Plymouth	b	by	by	by
The Lizard	bc	bcc	cb	bbc
Scilly (St. Mary's)	bcc	c	cbcb	bbccq
Guernsey	bzbc	bcz	bcbbc	bcc
Pembroke	bz0	bbcz0y	bz0	bcbz0y
Holyhead	b	bybz0	bz0	bwbz0
Chester (Sealand)	cm, bz0y	bz0y	ybz0	wm0b
L'pool (Bidston)	b	by	yb	bby
Manchester	bz0y	by	byz0	bz0y
Harrogate	bcb	bbc	bcb	bz
Spurn Head	bc	bc	bc	bc
Catterick	bcm0by	by	by	bcb
Tynemouth	bc	bc	bc	bcw
Inchkeith	bc	bcc	cbc	FFe
Leuchars	bwby	bybz0	bz0m0	bwmff
Renfrew (Abbotts I.)	bz0by	by	bybw	bwcz0
Eskdalemuir	b	by	byb	bcbw
Tiree	b	b	bw	bbcc
Stornoway	bbc	bc	bc	bcc
Dalwhinnie	b	b	*	b
Aberdeen	b	b	boff	offom0
Wick	bc	bc	c	c
Lerwick	bcc	c	comffe	FFe
Blacksod Point	b	b	b	b
Malin Head	z	z	bc	bc
Aldergrove	bz0	bz0y	bz0y	bwbz0
Donaghadee	bz0	bz0	bc	bc
Birr Castle	by	by	b	bw
Valentia Obsy.	bcbyb	b	bbw	bwb
Roches Point	bcy	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/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. r_0, 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 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.

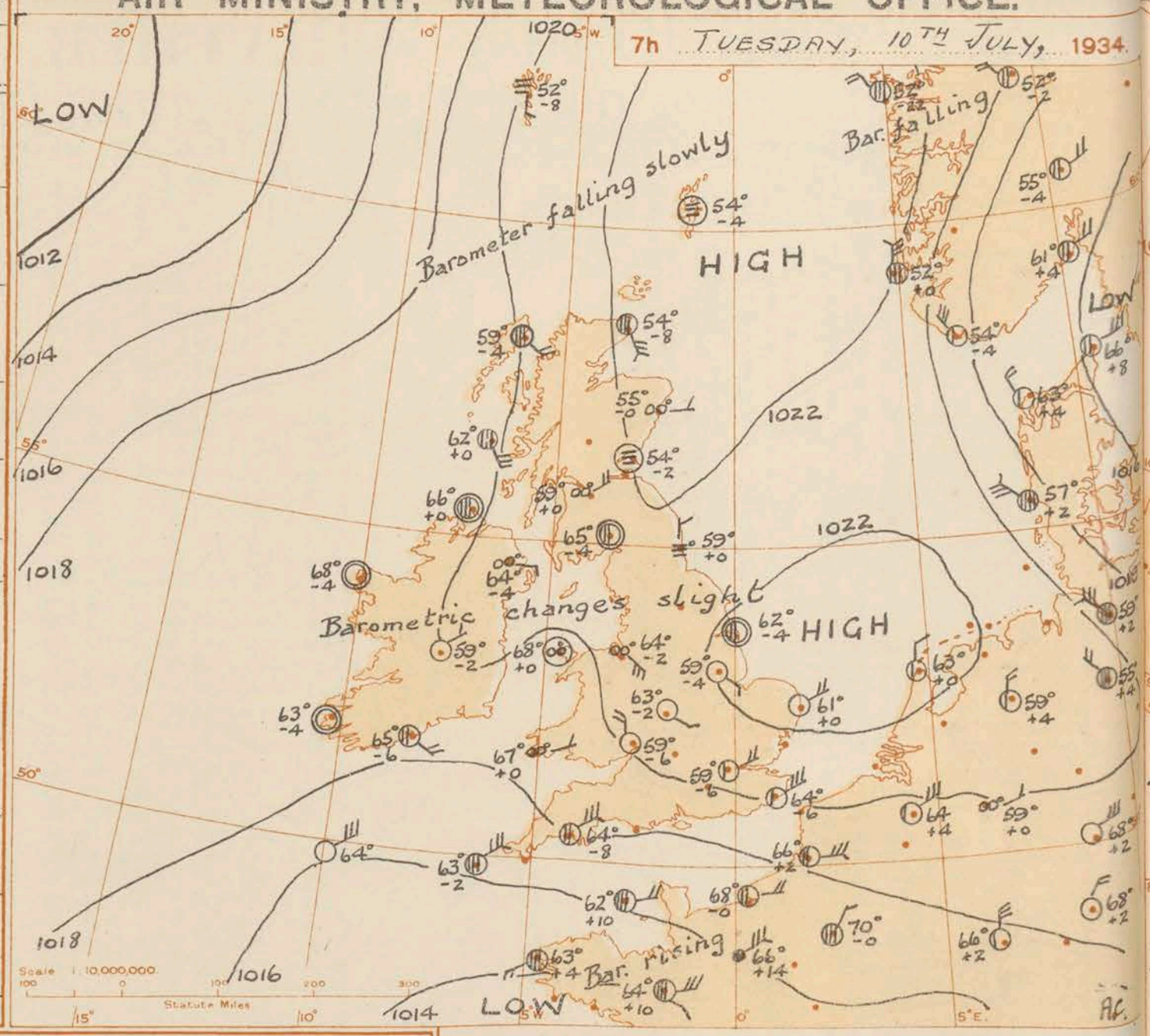
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 9th July 1934.

Districts	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 8th to 9h. 9th	Temperature. Max. 9h.—17h. 9th	Rainfall. Night 17h. 8th to 9h. 9th	Rainfall. Day 9h.—17h. 9th	Sunshine. Sunrise to 17h. 9th	Sunshine. Sunrise to Sunset. 8th
1	Tunbridge W.	b	b	55	80	-	-	9.7	15.2
	Bournemouth	b	b	56	87	-	-	11.8	14.6
	Ventnor ...	b3	b	64	74	-	-	12.2	14.2
	Southsea ...	b	b	61	82	-	-	12.3	15.1
	Bognor Regis	b	b	60	75	-	-	12.2	15.0
	Littlehampton	b	b	58	82	-	-	12.4	15.2
	Worthing ...	b	b	59	82	-	-	12.1	15.3
	Brighton ...	b	b	60	86	-	-	11.8	15.0
	Eastbourne†	b	bvy	57	74	-	-	10.1	14.9
	Hastings† ...	b	b	55	77	-	-	10.5	15.3
	Folkestone ...	b	b	60	74	-	-	11.5	14.9
	Dover... ...	b	by	59	73	-	-	11.9	15.0
	Deal	b	b	58	69	-	-	11.5	14.8
	Ramsgate ...	b	b	57	66	-	-	11.5	14.4
	Margate ...	bc	b	57	65	-	-	12.0	15.2
2	Southend ...	b	b	58	73	-	-	11.8	14.6
	Maldon ...	b	bv	56	72	-	-	12.2	14.9
	Clacton-on-Sea	b	by	57	67	-	-	12.0	14.9
	Dovercourt ...	bv	bv	56	68	-	-	12.3	15.2
	Lowestoft ...	b	b	56	66	-	-	12.5	13.9
	Skegness ...	b	b	56	65	-	-	12.0	13.3
	Mablethorpe	b	bv	57	65	-	-	12.3	12.4
	Cleethorpes ...	b	b	58	67	-	-	11.8	12.4
3	Leamington S.	b3	b	56	85	-	-	9.8	15.4
4	Cheltenham†	b3	by	55	86	-	-	12.1	15.3
5	Bath	b	b	57	87	-	-	12.1	14.1
	Weymouth ...	b3y	by	61	75	-	-	12.6	15.3
	Jersey ...	b	b	65	82	-	-	12.2	12.0
	Torquay ...	b3	b	64	75	-	-	12.3	12.5
	Penzance ...	b	bbc	64	78	-	-	9.7	12.6
	St. Ives ...	b	c	64	78	-	-	9.2	12.4
	Bude	b	b	55	85	-	-	11.9	14.1
	Ilfracombe ...	b	b	64	79	-	-	12.0	14.0
6	Aberystwyth	bcb	bbc	62	86	-	-	12.4	15.4
7	Llandudno ...	b	b	62	79	-	-	12.2	14.1
	Colwyn Bay...	b	b	59	87	-	-	12.5	14.1
	Rhyl	b	b	59	88	-	-	12.3	14.2
8	Wallasey ...	b	b	60	86	-	-	12.0	14.3
	Southport‖ ...	b	b	54	84	-	-	12.0	14.2
	Blackpool ...	b	b	54	83	-	-	12.2	13.9
	Morecambe ...	b	bbc	57	82	-	-	12.0	14.3
9	Ilkley... ...	b	b	54	80	-	-	8.9	13.1
10	Berwick-on-T.	b	b	49	67	-	-	12.0	15.0
11	Dunbar ...	bcm	bc	51	74	-	-	10.6	13.2
12	Troon... ...	wb3	b3b	56	77	-	-	11.6	14.3
	Douglas ...	b3	b3	60	78	-	-	12.0	14.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 4/10 clouded. Sky 7/10 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.

Districts	Forecasts for the 24 hours commencing 12 noon, G.M.T. 10th July, 1934.
1 S.E. England 2 E. England 3 E. Midlands	Light or moderate easterly wind; fine; very warm.
4 W. Midlands 5 S.W. England	Light or moderate easterly wind, fresh locally; mainly fair or fine, but perhaps local thunder, especially later; very warm.
6 South Wales 7 North Wales	As 1 - 4.
8 N.W. England 9 N. Midlands	Light variable wind; fine; very warm.
10 N.E. England 11 S.E. Scotland	Light east or southeast wind; fair; local fog or low cloud, night and morning; warm generally, very warm inland.
12 S.W. Scotland & Isle of Man	As 8 - 10.
13. A. W. Scotld. B. N.W. Scotland	Light or moderate southerly wind; fair at first, perhaps less settled later; very warm inland.
14 Mid Scotland	As 8 - 10.
15 N.E. Scotland 16 Orkneys and Shetlands	As 11.
17 N.W. Ireland	As 13.
18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	Light variable wind; fine; perhaps a thundery tendency later; very warm.

cwd

GENERAL INFERENCE.

The anticyclone over the North Sea continues to decline, but no immediate change is indicated. A shallow depression over France and the Bay of Biscay, and a deeper depression southeast of Greenland, will probably extend their influence slowly.

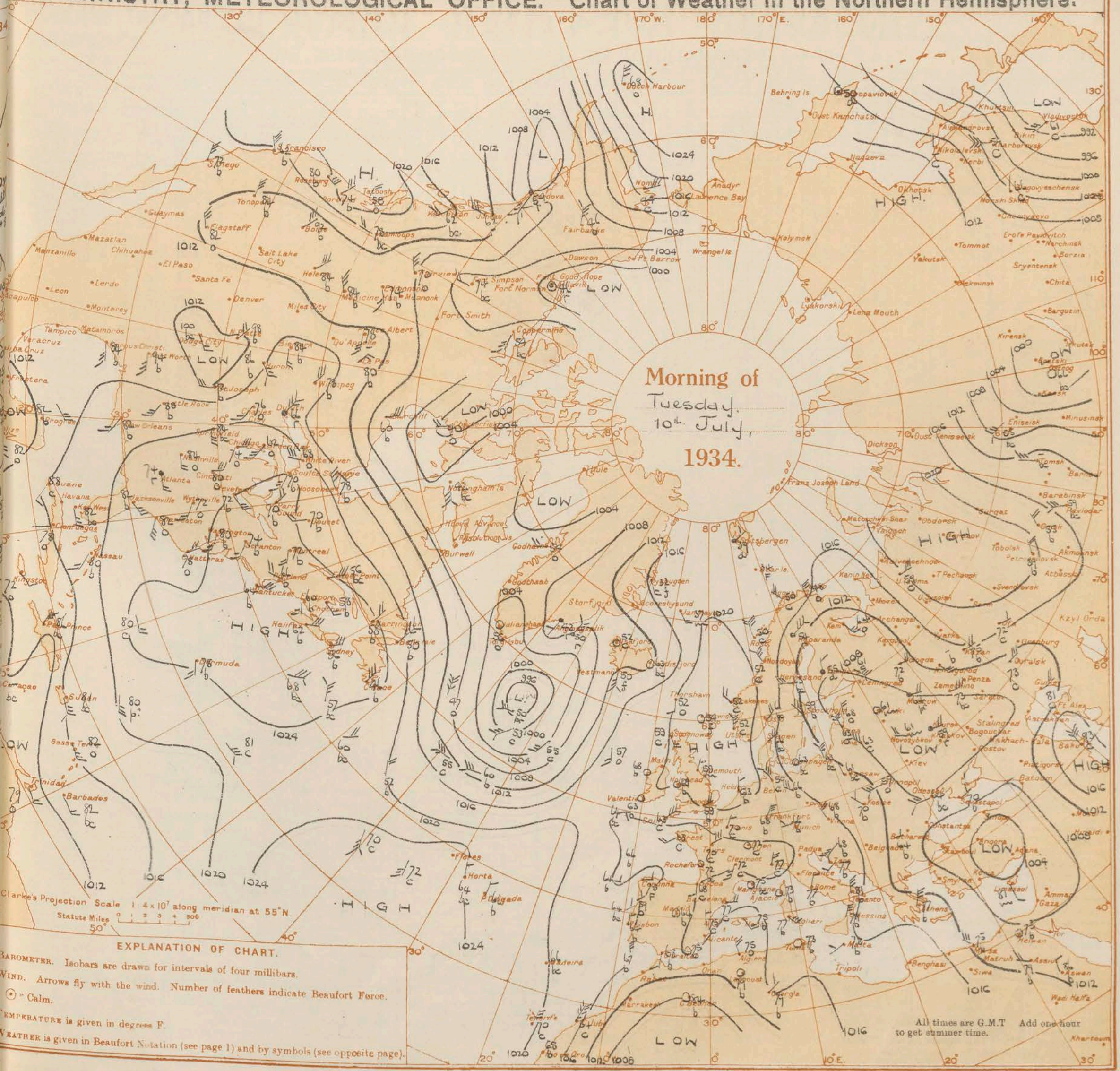
FURTHER OUTLOOK.

Probably becoming less settled in the West and extreme South, with thundery tendency; fair tomorrow in most eastern districts; continuing warm.

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

Tuesday, 10th July 1934.

No. 26528

OBSERVATIONS at 1 hr. G.M.T. 10th July — OBSERVATIONS at 7 hr. G.M.T. 10th July — PAST 24 HOURS.

Observations at 1 hr. G.M.T. 10th July

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	1022.2	0	E	1	b	55	85	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.8	-4	NE'E	4	b	58	85	8	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023.1	-6	NE'E	2	b	60	85	7	–	–	–	0	0	–
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1018.7	-4	ENE	5	b	64	65	7	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1018.9	+4	ENE	4	b	62	75	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1018.1	0	E'S	4	b	62	75	8	2	–	–	1	1	4000
	Guernsey ...	175	1018.3	-4	E	1	bc	62	85	7	8	3	–	4-6	4-6	4000
6	Pembroke ...	142	1018.8	-2	E	3	z₀	66	65	6	–	–	–	0	0	–
7	Holyhead ...	26	1020.0	-8	–	0	z₀	66	65	6	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023.0	-2	S'W	3	bc	59	85	7	–	1	–	0	2-3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1022.2	0	N	1	c	60	85	6	5	–	–	7-8	7-8	1500
11	Inchkeith ...	190	1022.9	+6	NE	2	bc	58	95	7	5	–	–	2-3	2-3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1021.4	-8	–	0	bc	55	85	9	5	–	4	Tr	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1023.9	-6	SSW	2	c	53	95	8	5	1	–	7-8	10	1500
16	Lerwick ...	54	1024.1	0	NNE	1	f	54	95	3	5	–	–	10	10	<150
17	Blacksod Point	18	1019.5	-8	–	0	b	61	95	8	–	–	–	0	0	–
18	Malin Head ...	52	1020.0	-2	S	1	b	66	75	7	5	–	–	Tr	Tr	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1019.7	-6	SE	1	b	64	85	8	–	–	–	0	0	–
	Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Observations at 7 hr. G.M.T. 10th July and Past 24 Hours

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 9th Hrs. (36)
London (Kew)	1021.9	-4	ENE	3	b	63	75	5	–	–	–	0	0	–	0	*	80	57	45	–	–	12.3
Croydon	1020.7	-6	E'N	2	z₀	59	85	6	5	–	–	1	1	1500	0	*	79	51	45	–	–	12.4
S. Farnborough	1020.3	-6	NE'E	2	b	61	75	6	–	–	5	0	Tr	–	0	*	84	51	41	–	–	12.3
Boscombe Down	1019.6	-6	ENE	2	b	62	65	7	–	7	–	0	1	–	0	*	85	53	46	–	–	14.6
Calshot (S'thmtn)	1013.7	-6	NE	4	b	66	65	8	–	4	–	0	Tr	0	0	1	76	58	54	–	–	15.1
Dungeness	*	*	NE	3	bc	*	*	7	–	7	*	0	2-3	–	*	2	71	59	*	–	–	*
Lympne	1020.6	-6	ENE	3	b	64	75	8	–	3	1	0	1	–	0	*	74	55	52	–	–	14.3
Shoeburyness	1021.6	-2	ENE	4	b	64	85	8	1	4	–	Tr	Tr	4000	0	*	70	51	38	–	–	14.2
Felixstowe	1022.1	0	NE'E	3	b	62	85	8	–	–	–	0	0	–	0	1	66	49	47	–	–	15.0
Gorleston	1022.1	0	ENE	2	b	61	75	7	–	–	–	0	0	–	0	2	64	58	56	–	–	14.8
Cranwell	1022.4	-4	SE	1	b	59	65	8	–	–	–	0	0	–	0	*	82	49	42	–	–	12.9
Birmingham	1021.8	-2	SE	1	b	63	45	7	–	–	–	0	0	–	0	*	85	56	52	–	–	12.0
Upper Heyford	1020.9	-12	ENE	2	b	69	65	8	–	–	–	0	0	–	0	*	86	52	46	–	–	*
Ross-on-Wye	1020.8	-6	N	2	b	59	75	8	–	–	–	0	0	–	0	*	85	52	42	–	–	14.5
Portland Bill	1018.2	-8	ENE	4	bc	64	75	7	–	4	–	0	2-3	–	0	3	69	60	*	–	–	*
Plymouth	1017.7	0	ENE	4	b	67	65	8	–	8	1	0	1	–	0	1	79	65	62	–	–	13.7
The Lizard	1016.2	-6	NE	5	bc	65	75	8	7	3	–	4-6	4-6	4000	0	3	68	61	*	–	–	*
Scilly (St. Mary's)	1016.4	-2	ENE	4	c	63	75	8	5	3	9	2-3	7-8	4000	0	3	70	61	*	–	–	8.0
Guernsey	1016.7	+10	E	2	c	62	85	7	–	3	–	0	7-8	–	0	2	71	59	56	–	–	13.8
Pembroke	1018.8	0	E	1	z₀	67	55	6	–	–	–	0	0	–	0	1	80	61	*	–	–	13.7
Holyhead	1019.6	0	–	0	z₀	68	75	6	–	–	–	0	0	–	0	0	76	61	51	–	–	14.9
Chester (Sealand)	1021.2	-2	SE'S	3	z₀	64	65	6	–	–	–	0	0	–	0	*	87	54	47	–	–	13.9
L'pool (Bidston)	1021.0	-2	SE'E	4	b	66	55	6	–	–	–	0	0	–	0	*	84	63	60	–	–	13.7
Manchester	1021.2	-2	S	1	z₀	67	55	6	–	–	–	0	0	–	0	*	86	56	47	–	–	14.1
Harrogate	1021.6	-6	S	1	z₀	62	75	5	–	–	–	0	0	–	0	*	78	53	48	–	–	10.3
Spurn Head	1022.4	-4	–	0	bc	62	75	7	–	1	–	0	2-3	–	0	1	66	57	*	–	–	14.6
Catterick	1021.5	-2	S'E	2	b	58	75	8	–	–	–	0	0	–	0	*	81	52	49	–	–	12.2
Tynemouth	1020.9	0	N	1	m	59	85	4	5	–	–	4-6	4-6	1500	0	1	65	59	57	–	–	*
Inchkeith	1022.1	+8	NE	1	F	56	95	1	5	–	–	10	10	<150	0	0	72	56	54	–	–	15.4
Leuchars	1022.2	-2	–	0	fs	54	95	2	5	–	–	10	10	<150	0	*	78	53	46	–	–	14.1
Renfrew (Abbotts I.)	10~~[illegible]~~ 21.6	0	NE	2	z₀	59	85	5	–	–	8	0	7-8	–	0	*	83	54	48	–	147	~~14.8~~
Eskdalemuir	1020.6	-4	–	0	bc	65	85	7	–	–	1	0	2-3	–	0		82	51	42	–	–	13.7
Tiree	1019.6	0	SSE	3	c	62	85	7	5	7	–	2-3	7-8	4000	0	1	70	55	43	–	–	15.3
Stornoway	1019.9	-4	SE	2	c	59	85	9	–	7	–	0	9	–	0	1	63	53	*	–	–	16.6
Dalwhinnie	*	-4	–	0	bc	62	85	8	–	1	3	0	4-6	–	0	*	84	47	38	–	–	16.0
Aberdeen	1022.3	0	E	1	z₀	55	95	5	5	–	–	10	10	220	0	0	73	53	53	–	–	15.6
Wick	1022.0	-8	SSE	4	c	54	95	7	8	1	–	7-8	9+	1500	0	1	60	52	*	–	–	*
Lerwick	1022.4	-4	–	0	F	54	95	1	5	–	–	10	10	<150	0	*	63	53	*	–	–	8.9
Blacksod Point	1018.4	-4	–	0	b	68	85	8	–	–	–	0	0	–	0	1	80	59	*	–	–	*
Malin Head	1019.0	0	–	0	c	66	85	7	–	–	7	0	9+	–	0	0	70	59	*	–	–	13.0
Aldergrove	1020.4	-4	E'S	1	bc	64	65	7	–	–	2	0	2-3	–	0	*	81	53	46	–	–	15.1
Donaghadee	1020.7	-2	N'W	2	bc	60	85	7	–	3	2	0	2-3	–	0	1	71	53	*	–	–	*
Birr Castle	1020.0	-2	NE	1	b	59	95	7	–	–	–	0	0	–	0	*	86	53	44	–	–	13.5
Valentia Obsy.†	1018.3	-4	–	0	b	63	85	8	–	–	–	0	0	–	0	0	85 (~~75~~)	55	49	–	Tr	15.0
Roches Point	1018.1	-6	SE	2	bc	65	85	7	5	–	–	2-3	2-3	2500	0	2	76	61	*	–	–	*

LONDON OBSERVATIONS.

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

Station	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. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h. (To-day)
		24 hrs. ended 9h.											
Kew ...	18	bz₀.b	by	by bz₀	80	57	45	–	–	12.3	*	*	6
Croydon ...	217	cbmzy	byv	bybwm	79	51	45	–	–	12.4	*	*	7
Greenwich (Royal Observatory) ...	149	by mz	by.	bym	80	51	39	–	–	12.6	32	64	7
City (Bunhill Row) ...	—	*	*	*				*	*	12.5	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	79	57	53	–		12.4	32	61	*
‡Regents Pk. (Botanic Gardens) ...	198	*	*	*	82	55	50	–	–	12.1	41	59	*
Camden Square ...	110	b	b	*	84	54	48	–	–	*	*	61	*
Kensington ...	80	bz	bz	*	81	56	48	–	–	12.9	At 18h. 58	62	*
Hampstead Observatory ...	450	b	b	b	78	53	48	–	–	11.8	*	69	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington.	0.5	7h. 10th.	<0.3	10h 9th to 5h. 10th
Kew Observatory.	0.6	14h. 9th.	0.2	21h. 9th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 9th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 10th July 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 ...	1016.3	NNE	4	b	86	1016.9	NNE	1	c	70	91	63	–	–
Brussels ...	1019.6	NE	3	b	77	1019.4	NE	3	b	64	81	54	–	–
Berlin ...	1016.0	WNW	3	b	79	1016.7	WNW	2	b	66	81	61	–	–
Zurich ...	1017.5	E	2	b	81	1017.9	SE	1	b	63	91	57	–	–
Rome ...	1016.1	SW	1	bc	79	1017.0	NNE	1	b	77	*	*	–	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 1½ miles.
5 Poor visibility 2½ ,,
6 Moderate ,, 6¼ ,,
7 Good ,, 12½ ,,
8 Very good ,, 31 ,,
9 Excellent ,, beyond 31m.

COLUMN 30.—Code for State of Sea.
0 Calm. 5 Very rough.
1 Smooth. 6 High.
2 Slight. 7 Very high.
3 Moderate. 8 Precipitous.
4 Rough. 9 Confused.

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

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

† 1 hr. observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 11th July 1934.

No. 26529

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

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)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1019.0	-14	E	4	b	78	15	8	-	-	-	0	0	-
	Croydon	1018.9	-14	E'N	4	b	79	25	8	-	-	1	0	Tr	-
	S. Farnborough	1018.1	-18	ENE	4	b	83	25	8	-	-	8	0	Tr	-
	Boscombe Down	1017.8	-14	E'N	3	b	82	45	7	-	-	8	0	Tr	-
	Calshot, S'thmtn	1017.6	-18	ESE	4	b	72	75	8	-	-	5	0	1	-
	Dungeness	*	*	NE	3	b	*	*	7	1	-	*	1	1	2500
	Lympne	1019.6	-12	NE'E	4	b	74	35	8	-	-	8	0	1	-
2	Shoeburyness	1020.6	-10	ENE	4	b	71	55	8	-	4	-	0	Tr	-
	Felixstowe	1021.1	-10	NE'E	3	b	66	65	9	-	-	8	0	Tr	-
	Gorleston	1021.3	-4	ESE	2	b	64	75	7	-	-	-	0	0	-
	Cranwell	1020.6	-10	ESE	2	b	82	35	8	-	-	-	0	0	-
3	Birmingham	1019.5	-8	SE	2	b	82	25	8	-	-	-	0	0	-
	Upper Heyford	1018.8	-22	E'S	3	b	83	25	8	-	-	-	0	0	-
4	Ross-on-Wye	1018.3	-10	E'N	2	b	83	25	8	-	-	-	0	0	-
5	Portland Bill	1016.8	-16	ESE	4	bc	68	75	7	4	-	1	2.3	4.6	2500
	Plymouth	1016.0	-8	E'N	5	b	77	45	8	-	8	1	0	1	-
	The Lizard	1015.5	0	ENE	5	bc	67	85	7	7	6	1	2.3	4.6	4000
	Scilly (St. Mary's)	1015.8	-2	E	5	c	70	75	7	5	4	-	2.3	7.8	4000
	Guernsey	1016.2	-4	E	3	c	65	75	7	8	-	-	9	9	4000
6	Pembroke	1016.7	-16	SE	2	b	78	35	7	-	7	-	0	Tr	-
7	Holyhead	1018.9	-6	NNW	2	b	69	65	7	-	-	1	0	Tr	-
	Chester (Sealand)	1019.2	-14	SSE	3	b	84	35	6	-	-	5	0	Tr	-
8	L'pool (Bidston)	1015.0	-2	E	2	b	83	25	7	-	-	1	0	Tr	-
	Manchester	1019.3	-10	SW	2	zo	84	35	6	-	-	1	0	Tr	-
9	Harrogate	1019.1	-10	ESE	3	bc	81	35	7	-	-	2	0	2.3	-
10	Spurn Head	1021.0	-4	SE	3	bc	68	65	7	-	2	1	0	2.3	-
	Catterick	1018.5	-16	SE'S	2	zo	83	35	6	-	3	1	0	1	-
	Tynemouth	1020.3	-2	N	2	b	60	95	8	-	-	-	0	0	-
11	Inchkeith	1021.0	-6	NE	1	o	60	85	6	5	-	-	10	10	<150
	Leuchars	1021.3	-8	E	3	bc	63	85	6	5	8	4	Tr	4.6	800
12	Renfrew (Abbotts I.)	1018.7	-14	E	1	zo	80	55	6	-	-	2	0	4.6	-
	Eskdalemuir	1017.8 (red ink; printed entry struck out)	-6	S	1	bc	82	35	7	1	-	2	Tr	4.6	4000
13A	Tiree	1018.4	-4	SSE	3	bc	73	65	7	-	4	1	0	2.3	-
13B	Stornoway	1018.5	-8	SSE	1	bc	66	75	8	8	4	-	2.3	4.6	2500
15	Dalwhinnie	*	-10	N	1	b	82	35	8	4	-	-	1	1	4000
	Aberdeen	1020.9	-8	SE	2	zo	60	85	6	5	1	-	7.8	10	450
	Wick	1020.4	-8	SE	4	c	58	85	7	5	1	-	7.8	10	1500
16	Lerwick	1021.2	-22	SW	2	bc	57	95	7	5	7	-	4.6	4.6	1500
17	Blacksod Point	1017.3	-8	-	0	bc	79	55	8	1	-	4	Tr	2.3	4000
18	Malin Head	1017.6	-8	NE	1	zo	65	75	6	7	-	9	1	4.6	4000
	Aldergrove	1018.4	-10	NWW	2	zo	81	55	6	-	-	4	0	7.8	-
	Donaghadee	1019.2	-8	ESE	1	zo	68	65	5	-	3	2	0	4.6	-
19	Birr Castle	1017.7	-8	SE	2	b	86	35	8	-	-	1	0	Tr	-
20	Valentia Obsy.	1016.7	-8	S	3	b	82	45	8	-	-	-	0	0	-
	Roches Point	1017.6	-6	SE	3	bc	63 (73 in red)	65	7	5	-	-	2.3	2.3	2500

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1018.1	0	E	3	b	78	25	8	-	-	-	0	0	-	0	·
Croydon	1018.1	+2	E	2	b	74	25	8	-	3	1	0	Tr	-	0	·
S. Farnborough	1017.4	+6	E'N	4	b	78	25	8	-	-	8	0	Tr	-	0	·
Boscombe Down	1016.2	-2	ENE	3	b	82	25	7	-	-	8	0	Tr	-	0	·
Calshot, S'thmtn	1016.8	-4	E'S	4	b	71	65	8	-	-	9	0	Tr	-	0	2
Dungeness	*	*	NE	4	b	*	*	7	5	-	*	1	1	2500	*	2
Lympne	1018.8	0	NE	4	b	69	55	9	-	-	1	0	Tr	-	0	·
Shoeburyness	1019.3	-6	ENE	4 (red) / 5	bc	68	65	8	-	7	1	0	2.3	-	0	·
Felixstowe	1019.5	-4	NE	3	b	65	65	9	-	-	8	0	1	-	0	2
Gorleston	1019.9	-8	E'N	2	bc	64	65	7	-	4	4	0	4.6	-	0	2
Cranwell	1018.5	-10	E'S	2	bc	80	45	8	-	-	6	0	4.6	-	0	·
Birmingham	1017.4	-2	N'E	2	bc	83	35	8	-	-	1	0	2.3	-	0	·
Upper Heyford	1017.4	-2	E	3	b	82	35	8	-	-	5	0	Tr	-	0	·
Ross-on-Wye	1016.2	-12	E	3	b	84	25	8	-	-	8	0	1	-	0	·
Portland Bill	1015.4	-16	E	4	bc	66	75	8	4	-	?	2.3	4.6	2500	0	3
Plymouth	1015.4	0	E	3	c	73	45	9	-	8	9	0	7.8	-	0	2
The Lizard	1014.8	0	NE'E	4	bc	65	75	8	4	6	-	2.3	4.6	2500	0	2
Scilly (St. Mary's)	1015.3	0	ESE	2	c	64	85	6	8	7	-	4.6	9	2500	0	3
Guernsey	1014.8	-4	E'N	2	c	67	75	7	8	-	-	7.8	7.8	4000	0	2
Pembroke	1015.2	-4	-	0	b	76	45	7	5	-	-	1	1	5700	0	0
Holyhead	1017.3	-8	WNW	1	bc	71	55	7	-	-	6	0	4.6	-	0	1
Chester (Sealand)	1017.0	-8	E'N	2	c	87	25	7	-	4	6	0	7.8	-	0	·
L'pool (Bidston)	1017.4	-4	N'W	2	bc	78	45	7	-	-	6	0	4.6	-	0	·
Manchester	1017.0	-6	-	0	zo	84	25	6	-	-	2	0	2.3	-	0	·
Harrogate	1018.0	-6	SSE	1	b	78	45	7	-	-	-	0	0	-	0	·
Spurn Head	1019.4	-8	SSE	3	bc	63	85	8	-	1	1	0	2.3	-	0	2
Catterick	1017.4	-6	ESE	1	zo	78	45	6	-	6	-	0	2.3	-	0	·
Tynemouth	1018.7	-6	N	2	bc	61	95	7	5	-	-	4.6	4.6	1500	0	1
Inchkeith	1018.9	-8	NE	2	c	62	95	6	5	4	4	4.6	7.8	1500	0	2
Leuchars	1019.5	-4	ENE	2	bc	61	95	7	5	-	4	1	4.6	800	0	·
Renfrew (Abbotts I.)	1017.0	-6	NE'E	2	zo	78	55	6	-	-	1	0	2.3	-	0	·
Eskdalemuir	1017.3	0	NNE	3	c	76	65	7	2	-	2	2.3	7.8	4000	0	·
Tiree	1017.3	-6	S'W	1	bc	71	65	6	1	3	5	Tr	2.3	4000	0	1
Stornoway	1017.2	-8	SE	1	c	69	65	7	8	7	4	4.6	7.8	1500	0	1
Dalwhinnie	1017.0	-4	NE	3	c	75	45	8	4	2	-	4.6	10	4000	0	
Aberdeen	1019.5	-8	SE	2	c	60	85	7	5	3	3	4.6	9	1500	0	1
Wick	1019.4	-8	SE	3	c	57	95	7	5	1	-	7.8	9+	1500	0	2
Lerwick	1021.7	+6	S	1	c	56	85	8	5	1	-	7.8	9+	1500	0	·
Blacksod Point	1016.3	-2	-	0	b	76	65	8	-	-	1	0	Tr	-	0	1
Malin Head	1016.9	-6	-	0	b	73	55	7	-	-	-	0	0	-	0	0
Aldergrove	1016.8	-6	SE	1	zo	81	45	6	-	-	1	0	1	-	0	·
Donaghadee	1017.2	-6	-	0	bc	71	65	6	7	3	2	1	4.6	2500	0	0
Birr Castle	1015.9	-6	SE	2	bc	86	25	8	-	-	4	0	4.6	-	0	·
Valentia Obsy.	1015.8	-4	NWW	1	b	73	65	8	-	-	1	0	1	-	0	0
Roches Point	1017.0	-6	SE	3	bc	73	45	7	5	-	-	2.3	2.3	2500	0	3

PAST 24 HOURS.

Stations	Weather 7h.–13h. 10th (37)	Weather 13h.–18h. 10th (38)	Weather 18h. 10th to 1h. 11th (39)	Weather 1h.–7h. 11th (40)
London (Kew)	bzob	by	by	bmwzo
Croydon	bmobby	byv	byw	bwbcmo
S. Farnborough	bzoby	by	bybl	bmozo
Boscombe Down	by	by	byb	bbcmo
Calshot, S'thmtn	b	b	bbl	bbc
Dungeness	b	b	*	c
Lympne	by	bvy	byvbl	blb
Shoeburyness	b	bbc	bcb	bw
Felixstowe	bv	bvy	bv	b
Gorleston	b	bbc	bccb	bbc
Cranwell	by	bybcy	bcybc	bcbcy
Birmingham	b	b	b	b
Upper Heyford	by	bbcby	bybc	b
Ross-on-Wye	by	by	by	bwbcb
Portland Bill	bbc	bc	bccl	cbcc
Plymouth	by	cycv	bcyvl	bccb
The Lizard	bc	bc	prllc	c
Scilly (St. Mary's)	cbcc	c	clpo	bcl
Guernsey	cbcc	cbcc	otlir	ocbc
Pembroke	by	by	bcb	bcy
Holyhead	bzo	bbcy	bcybw	bwb
Chester (Sealand)	bzoy	bc⊕y	bcbmo	bmw
L'pool (Bidston)	by	bybcy	b	bbm
Manchester	bzoy	bczoy	bcyw	bmwz
Harrogate	b	b	b	bz
Spurn Head	bbc	bc	bc	bcv
Catterick	bzoy	bczoy	ybcm	bcmwbz
Tynemouth	bcmb	bbc	bc	bc
Inchkeith	fFz	zc	co	oc
Leuchars	fsfsecmo	bcmo	bccmm	fsfsec
Renfrew (Abbotts I.)	bczoy	bczoy	ybzobw	wozoczo
Eskdalemuir	bbcy	bcybc	bc	bcwbc
Tiree	cbc	bbcz	bcbw	b
Stornoway	cbc	bcc	c	cbc
Dalwhinnie	b	bc	*	c
Aberdeen	omoczo	czobcc	cczo	czoof
Wick	c	c	c	FFec
Lerwick	FFebc	bcc	c	cfsfe
Blacksod Point	b	b	b	b
Malin Head	cbczo	bczo	bc	bc
Aldergrove	bczo	bczoc	bzoy	bzo
Donaghadee	bczo	bczo	bc	bzo
Birr Castle	by	bbcy	bc	bcb
Valentia Obsy.	by	byb	bbw	bwb
Roches Point	bc	bcy	bcyb	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/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 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.

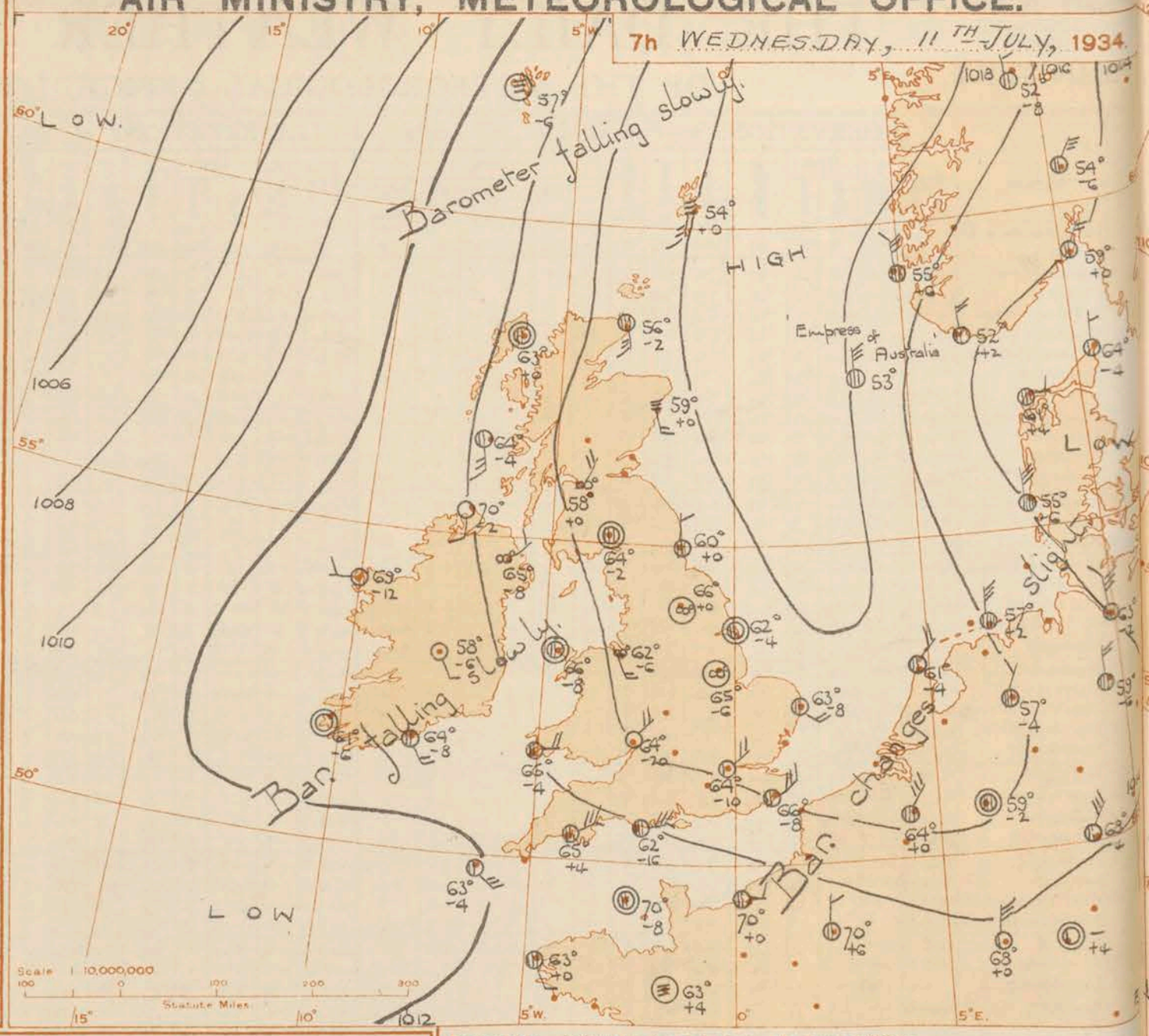
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 10th July 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	54	81	–	–	12.8	12.1
	Bournemouth	b	b	54	86	–	–	12.0	14.6
	Ventnor ...	b	b	59	75	–	–	12.2	14.1
	Southsea ...	b	b	59	84	–	–	12.6	14.8
	Bognor Regis	b	b	57	77	–	–	12.7	14.4
	Littlehampton	bcb	b	55	83	–	–	12.8	14.9
	Worthing ...	b	b	58	82	–	–	12.7	14.7
	Brighton ...	b	b	59	86	–	–	12.4	14.2
	Eastbourne†	b	by	56	74	–	–	12.6	12.7
	Hastings† ...	b	b	57	80	–	–	12.9	13.1
	Folkestone ...	b	b	59	76	–	–	12.5	14.2
	Dover... ...	yb	by	61	74	–	–	12.6	14.3
	Deal	b	b	60	72	–	–	12.7	14.2
	Ramsgate ...	b	b	60	67	–	–	12.3	13.8
	Margate ...	b	b	59	66	–	–	12.7	14.5
2	Southend ...	b	b	53	75	–	–	12.0	14.2
	Maldon ...	b	bv	53	73	–	–	11.7	14.7
	Clacton-on-Sea	bc	bc	55	69	–	–	12.2	14.6
	Dovercourt ...	bv	bv	53	69	–	–	12.5	14.7
	Lowestoft ...	b	b	56	67	–	–	12.4	15.3
	Skegness ...	b	b	58	68	–	–	12.3	14.5
	Mablethorpe	b	bv	49	67	–	–	12.2	14.5
	Cleethorpes ...	b	b	51	73	–	–	11.9	13.8
3	Leamington S.	b	b	56	86	–	–	12.3	12.3
4	Cheltenham†	by	by	56	87	–	–	12.2	14.5
5	Bath	b	b	56	88	–	–	12.0	14.6
	Weymouth ...	by	by	60	75	–	–	12.5	15.1
	Jersey ...	pc	cbc	64	80	1	–	4.7	14.3
	Torquay ...	by	by	64	76	–	–	10.9	14.3
	Penzance ...	b	bbcc	63	77	–	–	7.9	10.4
	St. Ives ...	b	c	63	76	–	–	0.1	9.8
	Bude	b	bv	55	85	–	–	11.9	13.9
	Ilfracombe ...	b	b	61	80	–	–	12.2	14.2
6	Aberystwyth	bcb	b	64	86	–	–	12.2	14.6
7	Llandudno ...	b	b	63	81	–	–	11.9	14.0
	Colwyn Bay...	b	bbc	62	80	–	–	11.7	14.2
	Rhyl	b	b	60	88	–	–	11.6	13.8
8	Wallasey ...	b	b	64	87	–	–	11.7	14.1
	Southport‖ ...	b	bbc	59	86	–	–	11.6	14.1
	Blackpool ...	b	bcc	59	85	–	–	11.9	14.1
	Morecambe ...	bbc	bbc	60	81	–	–	11.8	14.5
9	Ilkley	b	b	56	83	–	–	10.3	8.9
10	Berwick-on-T.	ocbc	bc	55	63	–	–	7.8	13.6
11	Dunbar ...	of	bc	54	63	–	–	5.4	11.1
12	Troon... ...	wb3	b3b	56	80	–	–	11.6	14.3
	Douglas ...	bc3	bc3	61	76	–	–	11.2	15.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. 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. 11th July, 1934.
1 S.E. England 2 E. England 3 E. Midlands 4 W. Midlands	Light easterly wind; fine; probably a thundery tendency tomorrow; very warm.
5 S.W. England 6 South Wales	Light east to variable wind; variable cloud, local thunderstorms; warm, or very warm.
7 North Wales 8 N.W. England 9 N. Midlands	As 1 - 4.
10 N.E. England 11 S.E. Scotland	Light southeast or east wind; fine or fair; very warm except on east coast.
12 S.W. Scotland & Isle of Man 13 A. W. Scotland B. N.W. Scotland	Light or moderate southeast wind; fine or fair; perhaps thundery tomorrow; very warm.
14 Mid Scotland	Light southeast wind; fine; very warm.
15 N.E. Scotland 16 Orkneys and Shetlands	Light southeast wind; fair; low clouds and fog locally on coast; very warm inland.
17 N.W. Ireland 18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	Light southeast or variable wind; fine at first; local thunderstorms later.

GENERAL INFERENCE.

The anticyclone over the North Sea continues to decline. A depression west of Iceland is filling up but a secondary off Scilly is moving north and will probably deepen somewhat. Weather will be mainly fine but a thundery tendency will continue in the Southwest and will spread very gradually.

FURTHER OUTLOOK.

Local thunderstorms; very warm in most districts tomorrow but perhaps cooler in the Southwest.

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

Wednesday, 11th July 1934

No. 26529

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

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	1017·8	-6	ESE	1	b	66	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1017·8	-6	ENE	3	1	60	75	8	-	-	1	0	Tr.	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1018·6	-6	E'N	2	b	61	75	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1016·0	+10	E	4	1	63	85	8	4	-	-	7·8	7·8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013·7	-10	NE'E	4	c	60	95	8	4	6	-	7·8	7·8	2500
	Scilly (St. Mary's)	163	1013·2	-14	E'N	3	bc/pr	61	95	8	3	-	-	4·6	4·6	2500
	Guernsey	175	1014·4	-12	SE'S	1	o/clr	63	85	6	5	-	-	10	10	2500
6	Pembroke	142	1013·9	+2	E	1	b	64	65	7	-	-	-	0	0	-
7	Holyhead	26	1015·7	-10	ESE	1	b	64	65	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1017·0	-6	S'W	3	bc	62	85	7	-	1	-	0	2·3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1018·0	-8	N	1	bc	60	95	6	5	-	1	4·6	4·6	1500
11	Inchkeith	190	1018·3	-4	NE	1	0	59	95	8	5	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1015·2	-12	-	0	c	61	85	6	5	7	9	4·6	7·8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1017·3	-10	SSW	3	c	55	95	7	7	1	-	4·6	7·8	1500
16	Lerwick	54	1019·2	-2	S'E	3	c	53	95	7	5	2	-	4·6	10	800
17	Blacksod Point	18	1014·0	-8	-	0	b	62	85	8	-	-	-	0	0	-
18	Malin Head	52	1014·6	-10	S	1	b	68	75	7	-	-	-	0	0	-
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1014·8	-10	SE'S	1	b	63	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	1016·1	-6	E'N	3	b	65	65	5	-	-	8	0	Tr	-	0	*
Croydon	1016·3	-10	ENE	2	3o	64	75	6	-	-	1	0	Tr	-	0	*
S. Farnborough	1015·2	-10	ENE	2	b	63	75	6	-	-	5	0	1	-	0	*
Boscombe Down	1014·8	-10	E	4	bc	65	65	7	-	3	-	0	4·6	-	0	*
Calshot (S'thmtn)	1015·1	-6	E'N	4	bc	69	65	8	8	8	-	2·3	4·6	4000	0	1
Dungeness	*	*	NE	3	bc	*	*	7	1	-	*	2·3	2·3	4000	*	2
Lympne	1016·2	-8	E'N	3	bc	66	75	7	-	-	1	0	2·3	-	0	*
Shoeburyness	1017·3	-4	ESE	3	b	67	75	8	-	-	9	0	1	-	0	*
Felixstowe	1016·8	-8	E	1	bc	64	75	8	-	-	4	0	2·3	-	0	0
Gorleston	1017·2	-8	ESE	2	bc	63	75	6	-	-	5	0	2·3	-	0	2
Cranwell	1017·2	-6	-	0	bc	65	45	8	-	3	1	0	2·3	-	0	*
Birmingham	1016·4	-10	ESE	1	b	66	55	6	-	-	1	0	1	-	0	*
Upper Heyford	1016·3	-12	ESE	2	b	63	65	8	-	-	5	0	1	-	0	*
Ross-on-Wye	1015·5	-20	E'N	2	b	64	55	7	-	-	1	0	1	-	0	*
Portland Bill	1013·7	-16	E	4	c	62	85	7	5	4	-	4·6	7·8	2500	0	3
Plymouth	1013·2	+4	E'N	4	bc	65	75	8	7	9	9	1	2·3	4000	0	1
The Lizard	1012·3	0	ENE	4	c	62	95	8	4	1	-	7·8	9+	2500	1	2
Scilly (St. Mary's)	1011·8	-4	ESE	3	bc	63	95	7	5	3	-	2·3	4·6	4000	0	2
Guernsey	1013·3	-8	-	0	bc	70	75	7	-	-	1	0	2·3	-	1	2
Pembroke	1012·5	-4	E	2	bc	66	45	7	7	4	-	2·3	4·6	5700	0	1
Holyhead	1014·5	-8	-	0	bc	66	65	7	-	-	1	0	2·3	-	0	0
Chester (Sealand)	1016·0	-6	SE'S	2	3o	62	65	5	-	-	4	0	2·3	-	0	*
L'pool (Bidston)	1015·7	-2	ESE	3	3o	66	55	5	-	-	-	0	0	-	0	*
Manchester	1016·3	-8	-	0	m	66	65	4	-	-	9	0	Tr	-	0	*
Harrogate	1016·8	0	-	0	3o	66	75	5	-	-	1	0	Tr	-	0	*
Spurn Head	1016·9	-4	-	0	bc	62	65	8	-	1	9	0	4·6	-	0	1
Catterick	1016·2	-6	-	0	m	62	85	4	-	-	1	0	1	-	0	*
Tynemouth	1016·7	0	N	1	bc	60	95	6	4	-	-	4·6	4·6	4000	0	1
Inchkeith	1017·8	0	NE	1	c	59	95	7	5	2	-	4·6	10	1500	0	1
Leuchars	1017·2	-6	-	0	c	60	95	7	5	-	-	9+	9+	800	0	*
Renfrew (Abbotts L)	1016·9	0	NE'E	2	3o	58	95	5	5	3	-	9	9+	450	0	*
Eskdalemuir	1016·0	-2	-	0	c	64	95	6	-	3	1	0	7·8	-	0	*
Tiree	1014·2	-4	SSE	3	b	64	75	7	-	3	-	0	1	-	0	1
Stornoway	1014·6	0	-	0	bc	63	85	7	5	-	1	2·3	2·3	2500	0	0
Dalwhinnie	1017·0	-8	-	0	b	66	75	8	4	-	-	1	1	2500	0	*
Aberdeen	1017·1	0	SSE	2	of	59	95	3	5	-	-	10	10	800	0	1
Wick	1016·3	-2	SSE	3	c	56	95	7	5	1	1	4·6	7·8	1500	0	2
Lerwick	1018·1	0	S	3	f	54	95	2	5	-	-	10	10	<150	0	*
Blacksod Point	1012·4	-12	W	1	b	69	65	8	-	-	-	0	0	-	0	2
Malin Head	1013·8	-2	S	1	b	70	65	7	-	-	-	0	0	-	0	0
Aldergrove	1015·0	-8	E'N	1	3o	65	75	6	-	-	-	0	0	-	0	*
Donaghadee	1015·5	-4	SE	1	b	63	85	6	-	-	-	0	0	-	0	0
Birr Castle	~~1013·8~~ 1013·5	-6	SE	1	b	58	85	8	-	-	-	0	0	-	0	*
Valentia Obsy.†	1012·5	-6	-	0	b	61	85	8	-	-	-	0	0	-	0	0
Roches Point	1013·2	-8	SE	2	bc	64	75	8	5	-	-	4·6	4·6	2500	0	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 10th Hrs. (36)
London (Kew)	81	57	44	-	-	14·9
Croydon	80	53	47	-	-	15·3
S. Farnborough	85	48	36	-	-	14·8
Boscombe Down	85	54	47	-	-	14·9
Calshot (S'thmtn)	76	60	56	-	-	15·6
Dungeness	71	59	*	-	-	*
Lympne	76	55	52	-	-	15·4
Shoeburyness	71	49	39	-	-	14·0
Felixstowe	68	50	47	-	-	14·6
Gorleston	64	60	56	-	-	14·4
Cranwell	86	53	49	-	-	14·2
Birmingham	85	60	51	-	-	13·5
Upper Heyford	85	54	41	-	-	*
Ross-on-Wye	86	49	43	-	-	14·6
Portland Bill	69	60	*	-	-	*
Plymouth	79	63	61	-	-	10·1
The Lizard	69	60	*	-	1	*
Scilly (St. Mary's)	71	59	*	-	Tr	7·4
Guernsey	69	59	56	-	1	5·3
Pembroke	82	64	*	-	-	14·3
Holyhead	74	61	49	-	-	12·9
Chester (Sealand)	88	52	45	-	-	13·1
L'pool (Bidston)	86	62		-	-	12·5
Manchester	86	53	45	-	-	12·9
Harrogate	82	57	51	-	-	13·2
Spurn Head	68	54	*	-	-	14·8
Catterick	84	52	47	-	-	10·7
Tynemouth	66	58	55	-	-	*
Inchkeith	64	58	56	-	-	4·7
Leuchars	65	56	52	-	-	6·1
Renfrew (Abbotts L)	83	54	49	-	-	13·1
Eskdalemuir	83	55	49	-	-	12·5
Tiree	75	55	44	-	-	11·1
Stornoway	73	58	*	-	-	8·3
Dalwhinnie	84	51	42	-	-	10·9
Aberdeen	63	58	58	-	-	2·9
Wick	59	53	*	-	Tr	*
Lerwick	59	53	*	-	-	6·3
Blacksod Point	79	60	*	-	-	*
Malin Head	74	64	*	-	-	13·1
Aldergrove	85	54	49	-	-	14·2
Donaghadee	84	56	*	-	-	*
Birr Castle	87	(58) 46		-	-	13·3
Valentia Obsy.†	84	54	49	-	Tr	14·7
Roches Point	76	58	*	-	-	*

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	bs. b	by	bm. ws.	81	57	44	-	-	14·9	*	*	6
Croydon	217	bm. bby	byv	by. wbm.	80	53	47	-	-	15·3	*	*	8
Greenwich (Royal Observatory)	149	by.	by.	bm. y	81	52	40	-	-	14·5	28	50	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	14·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	81	59	52	-		14·8	22	47	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	83	56	48	-	-	14·6	30	49	*
Camden Square	110	b	b	*	85	56	47	-	-	*	*	51	*
Kensington	80	b	b	*	83	57	48	-	-	14·9	At 18h. 52	*	*
Hampstead Observatory	450	b	b	b	79	54	50	-	-	14·4	31 *	59	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 11th

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0·6	7h. 11th	<0·3	10h. 10th to 4h. 11th	0·5	6h. 11th	<0·1	18h. 10th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 11th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1013·5	NNE	3	bc	91	1013·4	N	1	bc	70	93	61	-	-
Brussels	1016·0	NE	3	b	77	1015·8	ENE	3	c	64	81	*	-	*
Berlin	1014·2	NW	2	b	79	1014·2	SE	1	bc	68	82	63	-	-
Zürich	1014·8	NNE	1	bc	82	1012·7	WNW	2	c	59	93	*	-	-
Rome	1016·3	WSW	4	b	77	1016·2	SE	2	bc	79	*	*	-	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.

TERMS OF SUBSCRIPTION. Single Copies, 1d. each; by post 1½d. 2/6 per month; 6/6 per quarter; 25/- per year.

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

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

† 1 hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 12th July 1934.

No. 26530

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

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)	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)	1014.6	-16	E'N	5	b	80	35	8	-	-	-	0	0	-
	Croydon	1014.1	-18	SE	3	b	82	35	8	-	4	5	0	1	-
	S. Farnborough	1013.3	-16	E	3	b	84	25	8	-	8	9	0	1	-
	Boscombe Down	1013.1	-14	E	4	bc	81	45	7	-	9	-	0	4.6	-
	Calshot, S'thmtn	1014.1	-4	ESE	4	bc	73	65	8	-	3	1	0	2.3	-
	Dungeness	*	*	NE	3	bc	*	*	6	7	-	*	2.3	2.3	4000
	Lympne	1015.3	-8	ENE	4	b	78	35	8	-	-	1	0	Tr	-
2	Shoeburyness	1015.8	-8	E'S	3	b	70	75	8	-	-	6	0	1	-
	Felixstowe	1016.5	-6	ENE	3	b	67	75	8	-	-	1	0	1	-
	Gorleston	1016.5	-8	E'S	2	bc	65	75	7	-	-	6	0	4.6	-
	Cranwell	1015.0	-12	SE'E	2	bc	86	35	8	-	3	1	0	2.3	-
3	Birmingham	1014.2	-12	SE	3	b	82	25	8	-	-	3	0	1	-
	Upper Heyford	1013.5	-18	E	3	b	84	35	8	-	7	1	0	1	-
4	Ross-on-Wye	1013.1	-8	SE	3	bc	83	25	8	-	8	-	0	2.3	-
5	Portland Bill	1013.3	-2	E	4	c	67	85	7	4	4	-	4.6	7.8	2500
	Plymouth	1012.9	0	S'W	4	c	65	85	7	1	9	9	Tr	7.8	4000
	The Lizard	1012.9	0	S	2	m	64	95	4	5	-	-	10	10	1500
	Scilly (St. Mary's)	1012.1	-2	S	4	c	67	85	6	5	-	-	9+	9+	2500
	Guernsey	1013.5	+2	NNW	2	rr	62	95	4	6	-	-	10	10	2500
6	Pembroke	1012.2	-6	SE	3	c	67	65	7	4	5	-	4.6	7.8	4000
7	Holyhead	1013.0	-10	WNW	3	c	68	65	7	-	-	6	0	7.8	-
	Chester (Sealand)	1013.6	-16	SE'S	3	bc	86	35	6	-	-	6	0	4.6	-
8	L'pool (Bidston)	1012.7	-10	E'S	3	bc	83	35	6	-	-	4	0	4.6	-
	Manchester	1014.0	-14	S	3	b	83	35	7	1	-	-	Tr	Tr	5700
9	Harrogate	1013.8	-6	SSE	1	b	84	35	7	-	4	-	0	Tr	-
10	Spurn Head	1015.5	-4	SSE	4	bc	70	55	8	-	1	-	0	2.3	-
	Catterick	1013.9	-10	E'S	1	3o	82	45	5	-	-	8	0	4.6	-
	Tynemouth	1015.7	-4	N	1	bc	64	95	8	2	-	-	2.3	2.3	2500
11	Inchkeith	1015.2	-20	NE	2	c	65	85	7	5	-	7	2.3	9	1500
	Leuchars	1015.7	-6	E	3	c	67	85	7	-	-	6	0	7.8	-
12	Renfrew (Abbotsinch)	1013.4	-18	NE'N	2	3o	81	55	5	-	3	-	0	9	-
	Eskdalemuir	1013.3	-8	E	1	bc	81	45	7	2	-	2	1	4.6	4000
13A	Tiree	1012.6	-9	SSE	4	bc	75	65	7	-	3	-	0	2.3	-
13B	Stornoway	1013.2	-6	SE	3	bc	69	75	7	-	-	2	0	4.6	-
15	Dalwhinnie	1013.6	-10	W	2	bc	84	35	8	4	1	-	1	4.6	4000
	Aberdeen	1016.0	-4	SSE	3	bc	66	75	7	1	-	1	4.6	4.6	450
	Wick	1015.4	-2	SE	3	bc	60	85	7	5	1	8	2.3	4.6	1500
16	Lerwick	1017.3	-6	S	3	c	55	95	7	5	2	-	9	10	450
17	Blacksod Point	1010.1	-12	N	2	b	78	65	8	-	-	-	0	0	-
18	Malin Head	1011.5	-12	E	2	3o	75	55	6	-	-	9	0	Tr	-
	Aldergrove	1012.8	-10	SE'E	2	3o	82	45	6	-	3	9	0	2.3	-
	Donaghadee	1014.0	-6	SE	1	3o	64	75	5	-	3	2	0	2.3	-
19	Birr Castle	1011.1	-10	SE	3	b	85	25	8	-	-	9	0	1	-
20	Valentia Obsy.	1010.4	-10	S'W	3	c	77	65	8	5	4	1	2.3	7.8	4000
	Roches Point	1012.0	-8	SE	2	bc	69	65	8	5	-	-	4.6	4.6	2500

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

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)	1012.9	-6	E'S	2	bc	81	35	8	-	3	1	0	2.3	-	0	*
	Croydon	1013.2	-4	E	3	bc	79	35	8	-	3	-	0	2.3	-	0	*
	S. Farnborough	1012.3	-4	SE	3	c/r	79	35	8	-	7	-	0	9+	-	0	*
	Boscombe Down	1012.9	+6	S'E	3	r0r0	67	85	6	5	9	-	7.8	9+	1500	1	*
	Calshot, S'thmtn	1013.0	-8	S'E	3	c/r0	69	75	7	5	9	3	4.6	9+	7200	0	1
	Dungeness	*	*	NE	4	bc	*	*	6	9	-	*	4.6	4.6	2500	*	2
	Lympne	1013.7	-6	NE	3	bc	72	45	8	-	3	1	0	2.3	-	0	*
2	Shoeburyness	1014.4	-6	E	3	b	68	75	8	-	-	6	0	1	-	0	*
	Felixstowe	1014.8	-8	ENE	3	b	66	75	8	-	-	1	0	1	-	0	1
	Gorleston	1014.7	-4	E'N	1	bc	63	75	7	-	4	1	0	4.6	-	0	2
	Cranwell	1013.1	-8	ESE	3	bc	83	45	8	-	-	5	0	4.6	-	0	*
3	Birmingham	1012.5	-4	SSE	2	bc	84	35	8	-	3	-	0	2.3	-	0	*
	Upper Heyford	1012.5	-2	ESE	3	bc	81	35	8	-	8	9	0	4.6	-	0	*
4	Ross-on-Wye	1012.0	-10	SW	4	c	78	45	7	-	7	9	0	9	-	0	*
5	Portland Bill	1012.7	-6	SE	3	ir	62	95	6	5	7	-	7.8	10	1500	1	3
	Plymouth	1012.8	0	S	1	c	64	95	6	5	7	-	4.6	7.8	450	0	1
	The Lizard	1012.9	0	SSE	2	c	65	95	7	4	7	-	7.8	7.8	2500	0	2
	Scilly (St. Mary's)	1011.8	0	S'W	3	c	64	95	7	8	-	-	9+	9+	2500	0	2
	Guernsey	1013.3	-2	-	0	bc	67	75	6	-	3	-	0	4.6	-	0	0
6	Pembroke	1010.0	-4	SSW	2	c	64	85	6	5	2	-	4.6	9+	4000	0	1
7	Holyhead	1011.5	-8	-	0	bc	71	65	7	-	5	1	0	2.3	-	0	0
	Chester (Sealand)	1011.1	-10	SSE	3	bc	86	25	7	-	4	2	0	2.3	-	0	*
8	L'pool (Bidston)	1011.6	-10	SE	3	b	87	25	7	-	-	1	0	1	-	0	*
	Manchester	1011.6	-10	S	3	3o	85	25	6	-	8	2	0	2.3	-	0	*
9	Harrogate	1012.6	-6	NE	1	bc	80	45	6	-	7	-	0	4.6	-	0	*
10	Spurn Head	1013.0	-4	SSE	3	bc	64	75	8	-	1	-	0	2.3	-	0	2
	Catterick	1012.7	-4	N	2	c	74	55	7	-	5	9	0	7.8	-	0	*
	Tynemouth	1014.0	-10	NE	2	bc	63	95	8	4	-	-	2.3	2.3	4000	0	1
11	Inchkeith	1013.6	-12	NNE	3	bc	61	95	8	5	4	-	4.6	4.6	2500	0	2
	Leuchars	1014.3	-10	ENE	2	b	65	75	8	-	-	1	0	Tr	-	0	*
12	Renfrew (Abbotsinch)	1012.0	-12	N	1	3o	75	75	6	4	3	-	4.6	9+	5700	0	*
	Eskdalemuir	1012.3	-6	ESE	1	c	75	65	7	-	3	-	0	7.8	-	0	*
13A	Tiree	1011.5	-6	SSE	1	c	70	75	7	5	7	-	2.3	7.8	4000	0	1
13B	Stornoway	1012.0	-4	ESE	1	bc	69	75	7	8	7	-	2.3	4.6	2500	0	1
15	Dalwhinnie	1012.1	-6	S	3	c	74	55	8	4	4	-	4.6	10	2500	0	*
	Aberdeen	1014.4	-8	SE	3	bc	63	85	8	2	-	3	Tr	2.3	450	0	1
	Wick	1015.0	-10	SE	3	bc	59	95	7	5	7	3	2.3	4.6	1500	0	7
16	Lerwick	1016.3	-6	S	2	c	54	95	5	5	-	-	10	10	450	0	*
17	Blacksod Point	1009.8	-2	W	2	bc	71	75	8	-	5	-	0	2.3	-	0	2
18	Malin Head	1010.0	-10	E'S	3	3o	78	55	6	8	-	-	9+	9+	2500	0	0
	Aldergrove	1011.7	-6	SE'E	1	3o	77	45	6	-	7	9	0	2.3	-	0	*
	Donaghadee	1011.8	-6	-	0	bc	67	75	6	7	3	-	4.6	4.6	2500	0	0
19	Birr Castle	1010.2	-4	SE	2	c	74	55	8	5	-	-	9+	9+	2500	0	*
20	Valentia Obsy.	1009.7	-8	NW'N	1	c	67	75	8	5	3	1	2.3	9	5700	0	2
	Roches Point	1011.5	-4	SE	2	c	67	85	8	5	-	9	4.6	7.8	2500	0	2

PAST 24 HOURS.

Stations.	Weather 7h.–13h. 11th (37)	Weather 13h.–18h. 11th (38)	Weather 18h. 11th–1h. 12th (39)	Weather 1h.–7h. 12th (40)
London (Kew)	b3o b	by	by b l	cm0 p0
Croydon	b3o by	b b c y	c p r0 b w	c l l c m p r0
S. Farnborough	b c y b y	b y b c c y	c b c c t l R	c c c r t
Boscombe Down	b c c b c y	b c c r0 r0	r0 r t l	r, t l r c
Calshot, S'thmtn	b c	b c c r0	c t l r m0	c t l r m0
Dungeness	b c	b c	*	pr
Lympne	b y	b y	b c b	b p r t l
Shoeburyness	b	b	b	b, c l t r
Felixstowe	b	b	b c	b c
Gorleston	b c	b c	b c	b c
Cranwell	b c y	b c y	b c	c m0
Birmingham	b	b	b c c r0	c r0
Upper Heyford	b y	b c y	c r0	c r0 p r
Ross-on-Wye	b y b c y	b c y c y	c	c p i p c
Portland Bill	c	c i r 3o	c	c
Plymouth	b c	c i r E m0	c t m0 l	o m0 e w t
The Lizard	c 5 5 m o	o m b c c	c F f o	o c f f
Scilly (St. Mary's)	b c c	c	F F e	p0 f f
Guernsey	b c 3 o r	o c 5 b c	c 5 b c w	b c w f f
Pembroke	b c c p r0	c	c b c w	c
Holyhead	b y b c	b c b 3o	b c y b c	b i r0
Chester (Sealand)	b c 3o y	b c y	y b c c m o	c m0 r0 c
L'pool (Bidston)	b c y	y b y	y b c	b c c
Manchester	b 3 b c y	b c 3o y	b c 3o	c r0 m0
Harrogate	b	b b c	b c b	b b c
Spurn Head	b c	b c	b c	b c
Catterick	b c 3o y	b c 3o y	y b c w	b c w c m0
Tynemouth	b c	b c	b c	b c c
Inchkeith	3o c	i 5 3 c	c	c
Leuchars	c	c b c b	b b c c w	c c f c m o
Renfrew (Abbotsinch)	c 3o b c y	c b c 3 y c	c 3o	c 3o
Eskdalemuir	b c y	b c y c t	b c	b c c
Tiree	b b c	b c c	c w	c
Stornoway	b c	b c	c m0	c m0
Dalwhinnie	b c	c	*	c
Aberdeen	o 5 b c	b c b	b c m0	c m c
Wick	c 3o b c y	c b c 3 y c	c 3o	c 3o
Lerwick	c b c	b c	b c	b c c
Blacksod Point	5 5 i 5 e c	c m0	c b c	+ c b c
Malin Head	b	b c	b c	c b c
Aldergrove	b c	b c c 3o	c 3o b c	b c c
Donaghadee	b 3o y	b c c 3o y	b c 3o b c	b c c 3o
Birr Castle	b b c 3o	b c 3o	b c c	c
Valentia Obsy.	b y	b b c c y	c	c
Roches Point	b b c c	c	c b c c t l	t l i r c
	c p0 b c	b c c	c	c i d0

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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.
Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

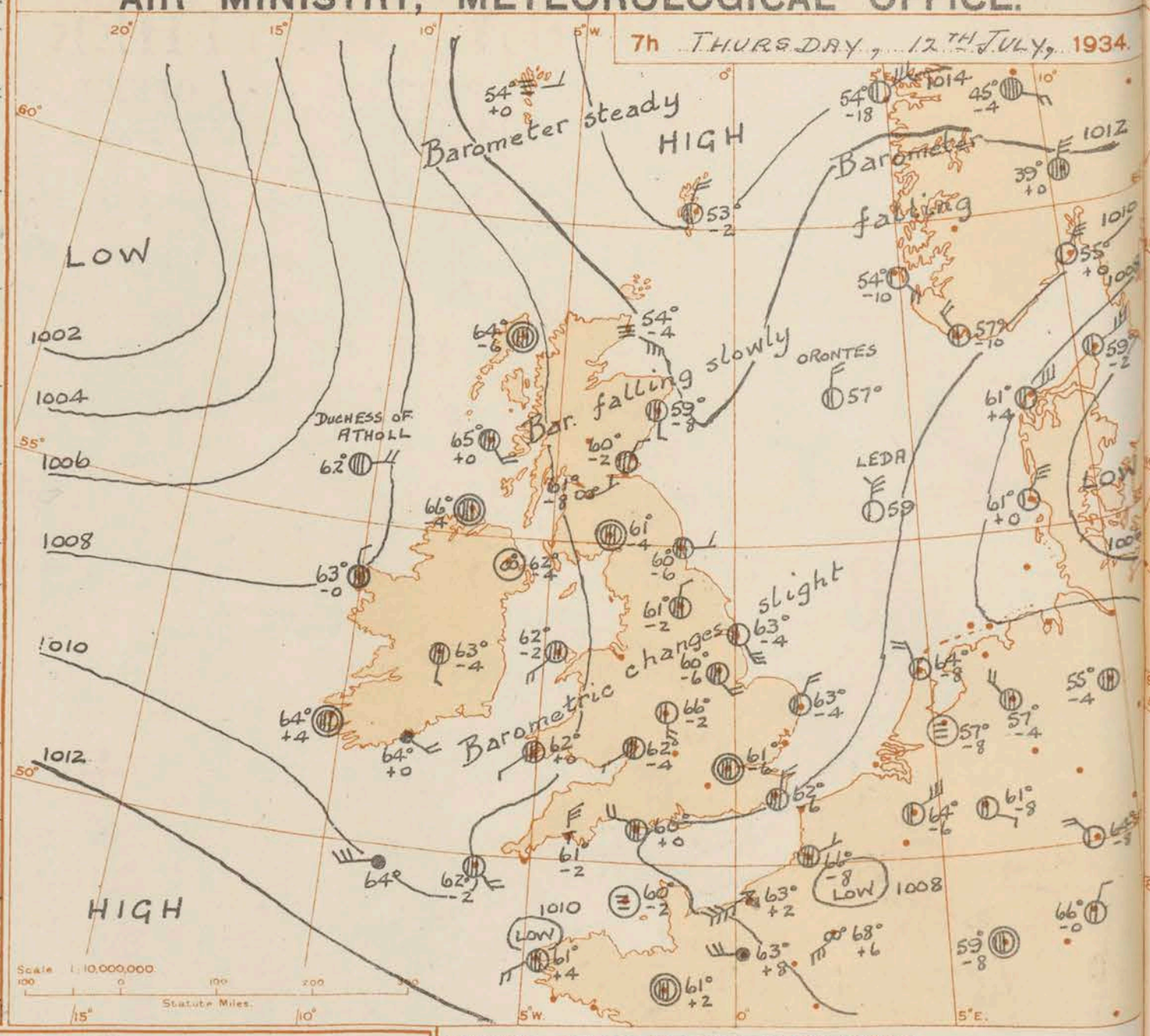
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 11th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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	b	52	85	–	–	12.8	15.3
	Bournemouth	cbcb	bbco	57	82	–	–	5.6	14.9
	Ventnor ...	cb	bopc	64	76	–	Trace	5.1	14.4
	Southsea ...	bcb	bbcop	60	81	–	Trace	7.2	15.2
	Bognor Regis	b	bcc	59	76	–	–	8.1	15.1
	Littlehampton	bc	bcc	56	79	–	–	8.9	15.4
	Worthing ...	bbcb	bbcc	60	76	–	–	10.6	15.5
	Brighton ...	b	bc	62	84	–	–	10.0	15.0
	Eastbourne†	bbcb	bbcc	58	74	–	–	10.2	15.1
	Hastings† ...	b	bbcc	57	79	–	–	12.0	15.4
	Folkestone ...	b	b	61	77	–	–	12.4	15.1
	Dover... ...	yb	by	62	79	–	–	12.4	14.9
	Deal	b	b	55	73	–	–	12.1	15.3
	Ramsgate ...	b	b	61	68	–	–	12.3	14.6
	Margate ...	b	b	60	68	–	–	12.8	15.4
2	Southend ...	b	b	56	76	–	–	11.9	14.5
	Maldon ...	b	bv	48	75	–	–	12.4	14.3
	Clacton-on-Sea	bc	bc	57	70	–	–	12.5	15.0
	Dovercourt ...	bcv	bv	53	70	–	–	12.4	14.9
	Lowestoft ...	b	b	55	69	–	–	12.0	14.7
	Skegness ...	b	b	55	70	–	–	12.3	14.0
	Mablethorpe	bcv	bv	53	70	–	–	12.2	14.0
	Cleethorpes...	b	b	53	83	–	–	11.8	13.9
3	Leamington S.	b	bbcc	53	86	–	–	11.7	14.2
4	Cheltenham†	by	bbcy	58	84	–	–	12.0	14.3
5	Bath	bcc	bbcc	55	86	–	–	7.1	14.5
	Weymouth ...	cb	bcept	61	72	–	Trace	5.6	15.1
	Jersey ...	rcbcc	pcbc	63	71	3	1	6.6	5.2
	Torquay ...	tlrpbc	bbcg	60	70	3	–	7.0	11.6
	Penzance ...	bcc	c	61	67	–	–	1.0	8.0
	St. Ives ...	c	c	62	70	Trace	–	3.6	10.2
	Bude	cbc	bcrb	64	83	–	Trace	6.9	14.1
	Ilfracombe ...	ocbc	bbcc	64	83	–	–	4.6	14.6
6	Aberystwyth	bcb	bc	64	85	–	–	8.7	14.8
7	Llandudno ...	b	b	60	87	–	–	11.3	13.2
	Colwyn Bay...	bcbbc	bcb	61	87	–	–	11.3	12.9
	Rhyl	b	b	56	88	–	–	11.1	13.1
8	Wallasey ...	b	b	63	88	–	–	10.1	12.9
	Southport‖ ...	bc	bcb	61	87	–	–	9.2	12.3
	Blackpool ...	cbc	bcc	61	86	–	–	10.4	12.7
	Morecambe ...	bc3bc	bc	61	82	–	–	9.3	12.5
9	Ilkley... ...	b	b	53	86	–	–	9.7	11.8
10	Berwick-on-T.	oc	bcb	56	64	–	–	7.6	9.6
11	Dunbar ...	of	bc	56	65	–	–	4.5	7.4
12	Troon... ...	wbcb	bcrbc	57	76	–	2	6.1	14.3
	Douglas ...	cb3bc	cb3bc	61	79	–	–	8.2	12.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th July, 1934.

Districts.	Forecasts
1 S.E. England 2 E. England... 3 E. Midlands 4 W. Midlands	Wind variable, becoming mainly westerly, light or moderate; cloudy, bright intervals, thunderstorms at many places today; warm today, cooler tomorrow.
5 S.W. England	Wind variable, becoming moderate westerly; cloudy, occasional rain and local thunder, bright intervals later; cooler.
6 South Wales 7 North Wales	As 1 - 4.
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	Light variable wind; cloudy, bright intervals; thunderstorms or thundery rain at most places; warm and close, though temperature less high than of late.
15 N.E. Scotland 16 Orkneys and Shetlands	Light southeast wind; mainly cloudy, local rain and thunder later; local coast fog; warm inland.
17 N.W. Ireland 18 N.E. Ireland	As 1 - 4.
19 S.E. Ireland 20 S.W. Ireland	As 5.

GENERAL INFERENCE.

Pressure is rather uniform over the British Isles, and will fall further except perhaps in the extreme Southwest and the Channel area. Weather will be thundery, and will become cooler.

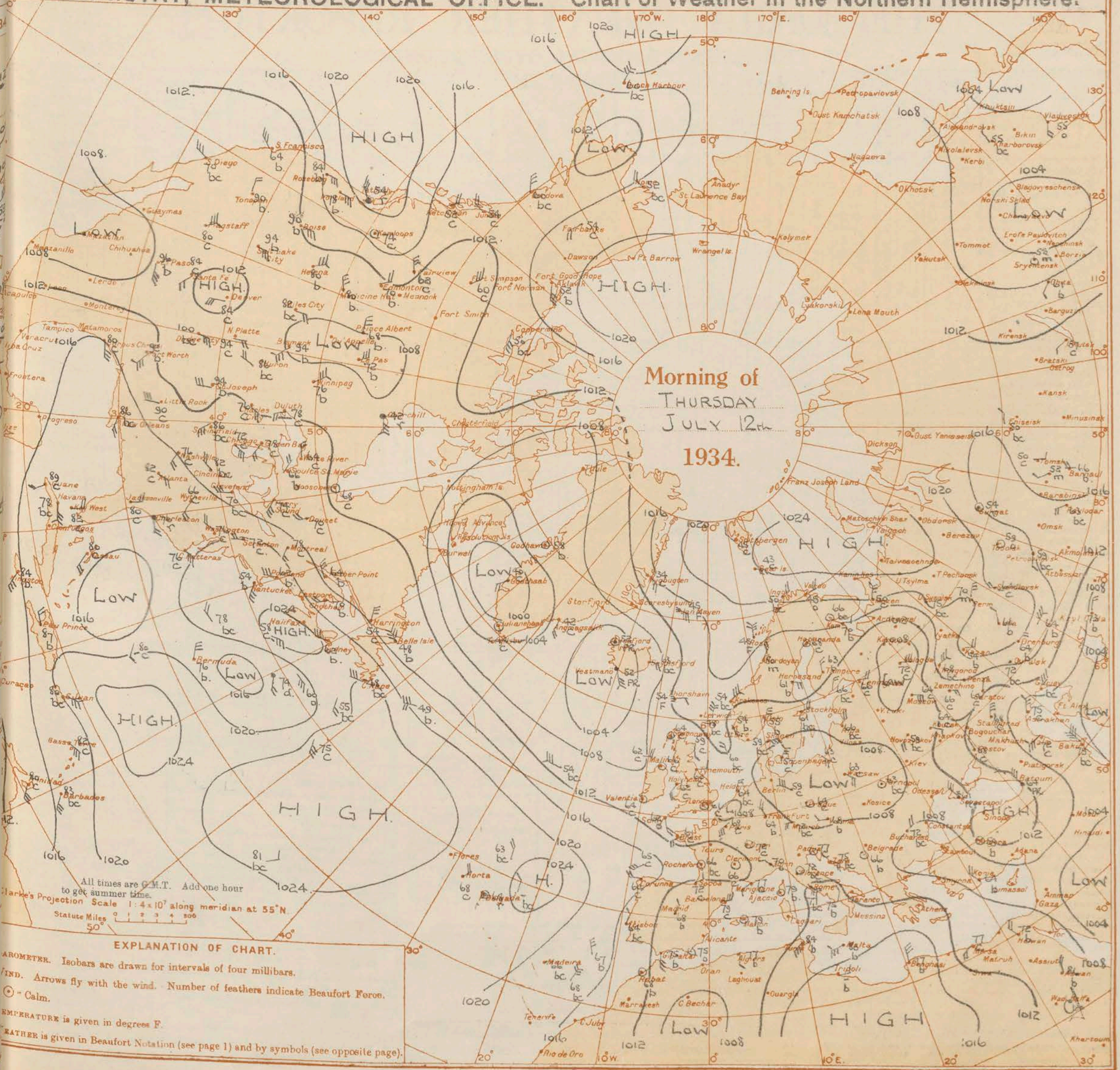
FURTHER OUTLOOK.

Rather unsettled and cooler than of late; still a thundery tendency 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.



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, 12th July 1934.

No. 26530

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

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	1012.8	-8	-	0	b	59	85	8	1	-	-	1	1	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	246	1012.3	-10	NE	2	b	59	75	8	7	-	-	1	1	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1012.9	-10	E'N	2	bc	62	85	7	-	-	5	0	2-3	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1011.1	-6	W	2	c	60	95	7	5	-	-	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1011.5	-10	SE	1	o	61	95	8	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1011.0	-6	ESE	1	F	60	95	1	5	-	-	10	10	<150
	Guernsey	175	1012.4	-10	NWN	1	bc	60	95	7	-	3	-	0	4-6	-
6	Pembroke	142	1010.1	-2	ESE	1	bc	60	95	6	5	-	-	4-6	4-6	4000
7	Holyhead	26	1010.3	-8	WSW	2	c	63	95	7	8	-	-	9	9	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1012.1	-4	S'E	3	bc	62	85	8	-	2	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1012.4	-12	E	1	bc	60	85	7	5	-	-	4-6	4-6	800
11	Inchkeith	190	1012.4	-6	NNE	4	bc	59	95	8	5	-	-	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1010.5	-4	-	0	c	63	75	5	5	6	-	9	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1013.0	-6	SE	3	bc	55	95	7	5	1	-	4-6	4-6	1500
16	Lerwick	54	1015.6	-6	ENE	2	bc	52	95	8	5	2	-	2-3	2-3	800
17	Blacksod Point	18	1008.6	-6	W	1	c	63	95	8	-	1	-	0	10	-
18	Malin Head	52	1010.0	-2	S	1	bc	62	75	7	5	-	-	2-3	2-3	2500
	Aldergrove	298	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1009.5	-6	-	0	t	63	95	7	9	-	-	10	10	4000
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1010.3	-10	N'E	1	pr	65	75	5	8	-	-	7-8	7-8	2500	0	*
	Croydon	1010.8	-6	-	0	c/pr	61	75	6	7	7	-	4-6	9	4000	0	*
	S. Farnborough	1010.1	-8	-	0	r/t/r	61	95	6	9	8	3	9	9+	7200	1	*
	Boscombe Down	1010.3	-6	-	0	c	62	95	6	5	-	-	9+	9+	2500	1	*
	Calshot (S'thmtn)	1010.0	-6	NNW	2	t	63	85	6	8	-	-	9+	9+	7200	1	0
	Dungeness	*	*	NE	2	c	*	*	7	8	-	*	7-8	7-8	2500	*	1
	Lympne	1010.1	-6	N'E	2	c/t/c	62	75	8	5	8	-	7-8	9	5700	1	*
2	Shoeburyness	1010.9	-2	NE	1	c/r	62	95	7	5	7	-	4-6	9+	4000	1	*
	Felixstowe	1010.7	-10	NE	2	c	63	85	8	7	7	9	4-6	7-8	7200	0	0
	Gorleston	1011.5	-4	NE'E	2	bc	63	85	7	-	4	1	0	4-6	-	0	2
	Cranwell	1010.8	-6	SSE	2	c	60	75	6	5	3	-	4-6	7-8	4000	0	*
3	Birmingham	1010.8	-2	S	2	bc	66	75	7	5	3	-	2-3	4-6	2500	0	*
	Upper Heyford	1010.5	-2	NW	1	c/r	63	75	6	5	7	-	4-6	9+	4000	0	*
4	Ross-on-Wye	1010.4	-4	WSW	1	3o	62	95	6	9	7	3	7-8	9	4000	1	*
5	Portland Bill	1009.8	0	WNW	2	c	60	95	7	5	7	-	4-6	7-8	2500	1	2
	Plymouth	1010.4	-2	N	3	t	61	95	7	5	-	-	10	10	450	0	1
	The Lizard	1010.4	0	SE'S	1	of	60	95	3	5	-	-	10	10	800	0	1
	Scilly (St. Mary's)	1010.2	-2	SSE	2	ofs	62	95	5	5	-	-	10	10	1500	1	1
	Guernsey	1011.0	-2	-	0	m	60	95	4	5	-	-	10	10	220	0	1
6	Pembroke	1009.3	0	SSW	1	c	62	95	7	5	4	-	4-6	7-8	4000	0	0
7	Holyhead	1009.9	-2	SWS	2	c	62	95	6	8	9	-	4-6	9	4000	0	1
	Chester (Sealand)	1010.1	-4	SSW	1	3o	66	85	6	5	2	-	7-8	9+	4000	0	*
8	L'pool (Bidston)	1010.2	-6	NW	1	c	67	75	6	8	-	-	7-8	7-8	4000	0	*
	Manchester	1009.9	-4	-	0	m	65	75	4	5	7	-	2-3	9+	4000	0	*
9	Harrogate	1010.5	-6	N	1	bc	61	75	6	-	-	9	0	7-8	-	0	*
10	Spurn Head	1010.9	+4	S'E	3	bc	63	75	8	-	1	1	0	2-3	-	0	2
	Catterick	1010.5	-2	-	0	3o	57	95	5	-	5	-	0	7-8	-	0	*
	Tynemouth	1010.9	-6	E	1	c	60	85	7	4	-	-	9+	9+	4000	0	1
11	Inchkeith	1011.4	-6	NE	3	c	59	95	8	5	3	-	4-6	10	1500	0	2
	Leuchars	1011.7	-2	NE	1	c/f	60	95	6	5	-	-	9+	9+	<150	0	*
12	Renfrew (Abbotts I)	1010.5	-8	NNE	1	3o	61	95	6	-	7	6	0	10	-	0	*
	Eskdalemuir	1010.1	-4	-	0	c	61	85	7	5	-	-	10	10	2500	0	*
13A	Tiree	1009.0	0	SSE	2	c	65	85	7	5	3	-	4-6	7-8	4000	0	1
13B	Stornoway	1009.2	-6	-	0	c	64	85	6	5	6	-	7-8	10	1500	0	0
15	Dalwhinnie	1010.9	-8	S	2	c	65	95	8	4	2	-	4-6	10	2500	0	*
	Aberdeen	1011.7	-8	S	1	c	59	95	7	8	-	-	9+	9+	450	0	0
	Wick	1011.5	-4	SE	3	F	54	95	1	5	-	-	10	10	<150	0	2
16	Lerwick	1014.4	-2	NNE	2	bc	53	95	8	5	3	-	2-3	4-6	800	0	*
17	Blacksod Point	1008.5	0	N	1	c	63	95	7	-	7	-	0	10	-	0	2
18	Malin Head	1008.6	-4	-	0	c	66	85	7	5	5	9	2-3	9+	2500	0	0
	Aldergrove	1009.0	-4	-	0	3o	62	75	6	-	9	-	0	9	-	0	*
	Donaghadee	1009.2	-4	-	0	c	60	85	7	5	-	-	7-8	7-8	1500	0	0
19	Birr Castle	1008.9	-4	S	1	c	63	95	8	5	-	-	7-8	7-8	2500	0	*
20	Valentia Obsy.†	1009.7	+4	-	0	c	64	95	7	5	-	-	10	10	800	1	0
	Roches Point	1009.7	0	SE	2	cd	64	85	7	5	-	-	9	9	1500	0	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 11th Hrs. (36)
1	London (Kew)	83	61	52	-	Tr	14.0
	Croydon	83	58	53	-	Tr	14.2
	S. Farnborough	86	57	50	Tr	2	11.6
	Boscombe Down	84	59	56	0.2	1	8.2
	Calshot (S'thmtn)	74	62	59	Tr	7	6.8
	Dungeness	71	60	*	-	0.2	*
	Lympne	78	55	51	-	0.3	14.3
2	Shoeburyness	72	54	43	-	0.5	15.8
	Felixstowe	68	56	55	-	4	14.7
	Gorleston	65	58	57	-	—	14.7
	Cranwell	87	53	47	-	-	14.6
3	Birmingham	87	64	60	-	0.1	12.4
	Upper Heyford	85	61	57	-	0.2	*
4	Ross-on-Wye	85	60	55	-	3	11.4
5	Portland Bill	67	57	*	0.6	0.2	*
	Plymouth	76	59	56	0.2	—	8.6
	The Lizard	68	60	*	-	—	*
	Scilly (St. Mary's)	68	60	*	-	0.4	3.9
	Guernsey	72	58	56	0.2	—	9.4
6	Pembroke	75	48 58	*	-	—	5.9
7	Holyhead	72	59	59	-	0.1	13.2
	Chester (Sealand)	89	63	54	-	Tr	13.7
8	L'pool (Bidston)	87	65	63	-	—	11.3
	Manchester	86	60	52	-	Tr	12.2
9	Harrogate	84	55	49	-	—	10.7
10	Spurn Head	72	59	*	-	—	14.2
	Catterick	83	51	48	-	—	9.8
	Tynemouth	66	58	54	-	-	*
11	Inchkeith	68	58	56	-	—	7.5
	Leuchars	69	56	50	-	—	10.7
12	Renfrew (Abbotts I)	84	60	57	-	—	7.7
	Eskdalemuir	84	58	53	-	—	7.4
13A	Tiree	78	62	58	-	—	10.0
13B	Stornoway	71	62	*	-	—	13.1
15	Dalwhinnie	86	60	56	-	—	12.0
	Aberdeen	67	57	55	-	—	10.5
	Wick	62	53	*	-	—	*
16	Lerwick	57	51	*	-	-	0.0
17	Blacksod Point	79	62	*	-	—	*
18	Malin Head	80	60	*	-	—	8.3
	Aldergrove	82	55	48	-	—	10.6
	Donaghadee	69	56	*	-	—	*
19	Birr Castle	86	61	47	-	—	9.2
20	Valentia Obsy.†	78	62	59	-	2	9.4
	Roches Point	72	64	*	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 (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	bzob	by	bybl	83	61	52	—	Tr	14.0	*	*	5
Croydon	217	bzoby	bbcy	prbltpr	83	58	53	—	Tr	14.2	*	*	6
Greenwich (Royal Observatory)	149	by	by	cbctlr	83	56	44	—	65	13.9	32	76	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	14.7	*	*	*
Westminster (St. James' Park)	27	*	*	*	83	63	56	—		14.3	34	61	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	83	62	55	—	Tr	14.4	33	66	*
Camden Square	110	b	b	*	85	62	53	*	—	*	*	68	*
Kensington	80	bcb	bc	*	84	60	51	—	—	14.7	At 18h. 64		*
Hampstead Observatory	450	b	b	bcp	80	58	53	—	Tr	14.4	41 *	78	*

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	7h 12th	<0.3	10h 11th to 5h 12th

Kew Observatory Max.	Time	Min.	Time
0.4	7h 11th	<0.1	12h 11th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 11th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 12th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1009.1	NNE	3	bc	91	1008.2	WSW	3	3o	68	?	63	—	—
Brussels	1011.9	NE	2	bc	77	1008.7	NE	3	bc	64	81	55	—	—
Berlin	1008.4	NW	2	b	77	1005.7	WNW	4	c	59	81	57	—	—
Zürich	1011.5	WSW	4	c	82	1010.2	SE	3	c	68	92	63	—	—
Rome	1013.8	SSE	4	c	79	1012.1	SE	5	bc	77	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	2¼ ,,
6	Moderate ,,	6¼ ,,
7	Good ,,	12¼ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. { Single Copies, 1d. each; by post 1½d. 2/6 per month; 6/6 per quarter; 25/- per year.

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

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

†1hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 13th JULY 1934.

No. 26531

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

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)	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)	1010·2	-8	SW'W	1	ir0	64	85	6	5	7	-	7-8	10	4000
	Croydon	1010·4	+2	S'W	2	c/r	62	85	6	5	7	-	4-6	10	4000
	S. Farnborough	1010·4	+10	SSE	1	ir0	62	85	6	6	7	-	9	10	5700
	Boscombe Down	1009·7	+12	SE'S	3	c/r	66	85	6	5	2	-	7-8	10	4000
	Calshot, S'thmtn	1010·4*	-6*	ESE	3	pr	65*	85*	8	8	7	-*	2-3	10	4000
	Dungeness			NW	2	c			7	8	-		9	9	2500
	Lympne	1009·4	-18	N'W	2	ir0	62	75	5 (7)	5	7	-	9	10	5700
2	Shoeburyness	1009·3	-10	-	0	c	66	85	7	6	7	-	2-3	10	4000
	Felixstowe	1009·8	+4	SE'E	1	c	63	85	7	6	7	-	2-3	9	7200
	Gorleston	1009·5	0	NEE	2	bc	64	76	7	-	3	-	0	4-6	-
	Cranwell	1008·0	-10	SE'S	2	c	80	45	7	8	7	-	4-6	9+	4000
3	Birmingham	1009·3	-2	WSW	1	c	70	76	7	6	3	-	4-6	9	2500
	Upper Heyford	1009·7	+6	SSE	2	c	68	76	6	5	2	-	7-8	10	7200
4	Ross-on-Wye	1008·2	-4	SW'S	3	c	74	65	7	8	5	9	4-6	7-8	4000
5	Portland Bill	1009·4	-6	W	2	c	65	95	6	5	-	-	7-8	7-8	1500
	Plymouth	1008·6	0	S'W	3	bc	67	85	8	1	3	1	2-3	2-3	4000
	The Lizard	1011·1	+10	SW	2	c	67	85	7	5	7	-	9	9+	2500
	Scilly (St. Mary's)	1011·3	+4	WSW	3	c	65	85	6	5	-	-	10	10	2500
	Guernsey	1010·7	-2	-	0	bc	68	75	7	8	3	-	4-6	4-6	2500
6	Pembroke	1008·3	0	SSW	1	c	67	76	7	7	6	-	7-8 (4-6)	7-8	4000
7	Holyhead	1009·0	-8	WSW	2	bc	70	75	7	5	4	-	2-3	4-6	5700
	Chester (Sealand)	1009·2	-2	NW	4	cz0	68	85	6	6	3	-	2-3	7-8	800
8	L'pool (Bidston)	1009·2	-2	NW'N	3	c	65	85	6	5	-	-	9+	9+	1500
	Manchester	1008·3	-10	NW'N	3	cz0	73	65	6	5	3	-	7-8	9	4000
9	Harrogate	1008·7	-10	NE	1	c	72	65	6	-	7	-	0	9+	-
10	Spurn Head	1009·0	-4	SE	4	c	65	75	8	5	2	-	4-6	9+	4000
	Catterick	1008·4	-8	NE'E	2	cz0	68	75	5	-	7	-	0	10	-
	Tynemouth	1009·5	-6	NE	1	c	61	85	8	4	-	-	7-8	7-8	4000
11	Inchkeith	1009·6	-10	NE	3	c	64	85	8	-	9	6	0	10	-
	Leuchars	1010·3	-6	ENE	2	c	67	75	8	5	-	6	Tr	7-8	800
12	Renfrew (Abbotts I.)	1009·2	-6	NE'E	2	c	67	65	6	-	3	7	0	10	-
	Eskdalemuir	1008·7	-6	NE'E	2	c	66	85	7	5	1	-	4-6	10	4000
13A	Tiree	1008·7	0	W'S	2	c	64	85	6	5	-	-	7-8	7-8	4000
13B	Stornoway	1008·4	0	E	1	c	67	85	6	8	6	-	7-8	9	1800
15	Dalwhinnie	*	-8	S	3	c	81	35	8	4	1	-	4-6	10	4000
	Aberdeen	1010·4	-12	ESE	3	bcz0	64	75	6	-	3	-	0	4-6	-
	Wick	1011·4	-8	SE	3	c	59	85	7	6	7	9	4-6	7-8	1800
16	Lerwick	1012·5	-12	NE	4	c	53	95	7	5	2	-	7-8	9+	800
17	Blacksod Point	1008·5	+8	N	2	c	62	95	8	6	-	-	10	10	800
18	Malin Head	1008·2	-2	E	1	c	66	76	7	2	8	2	2-3	9+	2500
	Aldergrove	1008·4	-6	WNW	1	cz0	74	65	7	2	9	-	Tr	9+	4000
	Donaghadee	1009·2	-6	-	0	c	62	85	6	5	-	-	7-8	7-8	1500
19	Birr Castle	1008·4	-6	SW	1	c	75	65	7	2	-	-	7-8	7-8	2500
20	Valentia Obsy.	1011·4	+10	NW'W	4	c	63	85	8	5	-	-	10	10	800
	Roches Point	1009·8	+4	SW	2	c/pr0	68	75	7	3	-	-	9	9	1500

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

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)	1008·6	-12	WNW	2	c	65	75	7	-	7	-	0	10	-	0	*
	Croydon	1008·2	-10	W'N	1	c	63	85	6	5	7	-	2-3	10	4000	1	*
	S. Farnborough	1008·4	-10	W	2	c/r	63	85	7	6	7	-	4-6	10	5700	1	*
	Boscombe Down	1009·2	-6	SSW	2	rr0	63	95	6	6	2	2	9	10	4000	0	*
	Calshot, S'thmtn	1009·6*	-10*	SW'W	1	c	64*	85*	7	6	7	-*	4-6	10	2500	1	1
	Dungeness			NNW	2	c			6	8	7		4-6	9	2500	*	!
	Lympne	1008·5	-8	NNW	2	cz0	65	75	5	5	7	-	2-3	9+	1500	1	*
2	Shoeburyness	1008·2	-10	NW	1	ir0	66	85	5	6	7	-	4-6	10	4000	1	*
	Felixstowe	1008·0	-10	SSE	2	c	64	75	7	-	7	8	0	9+	-	0	1
	Gorleston	1007·6	-10	E	2	c	62	85	7	5	-	-	10	10	2500	0	2
	Cranwell	1007·5	-4	W	2	cz0	73	55	6	5	7	-	7-8	9+	2500	0	*
3	Birmingham	1008·3	-2	WSW	2	c	69	75	7	5	3	-	2-3	7-8	2500	0	*
	Upper Heyford	1008·7	-2	SSW	2	c	66	75	7	5	7	-	Tr	10	7200	0	*
4	Ross-on-Wye	1009·1	+4	WSW	1	pr0	64	95	7	3	2	-	7-8	10	2600	!	*
5	Portland Bill	1009·4	0	W	2	c	67	65	6	4	4	-	4-6	7-8	2500	1	2
	Plymouth	1009·4	0	W'S	4	cjp	69	85	8	8	3	1	4-6	7-8	2500	0	2
	The Lizard	1010·1	-2	W	4	bc	64	75	7	4	7	-	4-6	4-6	2500	0	2
	Scilly (St. Mary's)	1010·7	-6	WNW	5	c	63	85	7	8	-	-	9+	9+	2500	0	2
	Guernsey	1010·3	+2	WNW	3	bc	65	85	7	8	-	-	4-6	4-6	1500	0	2
6	Pembroke	1008·2	-8	SW	1	bc	65	85	7	-	7	9	0	4-6	-	0	1
7	Holyhead	1008·3	-6	SW	3	c	64	85	7	5	7	8	4-6	7-8	5700	0	!
	Chester (Sealand)	1008·7	-4	WNW	2	r0r0	65	95	6	6	7	-	4-6	9+	7200	1	*
8	L'pool (Bidston)	1008·7	-6	~	0	pr0	65	85	6	5	2	-	9+	10	800	0	*
	Manchester	1008·5	0	NNW	2	cz0	67	75	6	5	7	-	4-6	9+	2600	0	*
9	Harrogate	1008·2	-6	W	1	c	67	75	7	-	7	-	0	10	-	0	*
10	Spurn Head	1008·1	-6	SE	3	o	61	95	7	5	-	-	10	10	1500	0	2
	Catterick	1007·6	0	NNE	1	c	66	75	6	-	7	-	0	10	-	0	*
	Tynemouth	1008·4	-12	NE	1	c	62	75	8	4	-	-	9+	9+	4000	0	1
11	Inchkeith	1008·0	-10	NE	3	c	60	85	8	5	-	6	4-6	9+	2500	0	2
	Leuchars	1008·1	-12	E	2	c	66	65	8	4	6	8	Tr	9 (10)	5700	0	*
12	Renfrew (Abbotts I.)	1007·2	-10	N'E	1	cz0	68	75	6	6	1	-	Tr	~~9+~~	2500	0	*
	Eskdalemuir	1007·4	-10	-	0	c	64	85	6	5	1	-	4-6	10	4000	0	*
13A	Tiree	1008·0	-2	NW	3	f	61	95	3	-	-	-	10	10	<150	1	1
13B	Stornoway	1007·6	-4	NW	2	c	66	85	6	6	2	-	4-6	10	1600	0	1
15	Dalwhinnie	*	-2	N	1	c	70	65	8	4	1	-	4-6	9	2500	0	*
	Aberdeen	1008·3	-8	E'S	2	cz0	60	95	6	6	9	-	Tr	10	950	0	1
	Wick	1009·5	-4	SE	2	c	57	95	7	6	1	-	7-8	9+	1500	0	2
16	Lerwick	1010·5	-10	NE	4	c	52	95	7	5	2	-	4-6	10	1500	0	*
17	Blacksod Point	1010·0	+2	WNW	2	c	63	76	8	5	-	-	10	10	800	1	2
18	Malin Head	1008·1	+6	N	1	cz0	61	95	5	8	-	-	10	10	1500	0	0
	Aldergrove	1007·2	-6	SE	1	c	73	75	6	2	7	-	2-3	9+	4000	0	*
	Donaghadee	1008·5	-4	-	0	bc	68	75	7	5	-	-	4-6	4-6	1500	0	0
19	Birr Castle	1008·8	-4	NW	2	c	68	75	7	8	-	-	9+	9+	2500	0	*
20	Valentia Obsy.	1012·2	0	NW'W	3	b	64	75	8	7	-	-	1	1	2500	1	1
	Roches Point	1009·8	-6	N	4	bc	67	85	8	3	-	-	4-6	4-6	1500	1	3

PAST 24 HOURS. WEATHER.

District	Stations	7h.—13h. 12th (37)	13h.—18h. 12th (38)	18h. 12th to 1h. 13th (39)	1h.—7h. 13th (40)
1	London (Kew)	cz0 cr	c	c	cm0
	Croydon	cpr0 r0r0	cr0r0m0	ir0 cm0	cm0
	S. Farnborough	r0 cz0 cr	crrir0c	ccm0	ccr0m0
	Boscombe Down	cz0 r0r0	cr0r0	cir0 (cm0r0)	oddr0r0
	Calshot, S'thmtn	c-cpr	crrm0c	~~[illegible]~~	cr0cm0
	Dungeness	pr	bc	*	+
	Lympne	cpr	circ	bcb-cm0	cm0
2	Shoeburyness	cr0c	or0	cr0c	cir0m0
	Felixstowe	bc cz0	c	cpr (r0r0)	cr0r0z
	Gorleston	bc c	bc c	oir0	oir0c
	Cranwell	bcz0y	c(p)zy	or0r0	omrr
3	Birmingham	cir0	c	cr0	orr
	Upper Heyford	cr0	cir0	c	cr0d0
4	Ross-on-Wye	c bc c	l0 ctr	rcm0r0	cm0
5	Portland Bill	pr cz0	ccz0	c	ccz0
	Plymouth	o bc	bc pr0	bcjpc	cd0d0pr
	The Lizard	ff c	c	cpr0o	obc
	Scilly (St. Mary's)	o c	c bc c	id0 bc	cbcc
	Guernsey	oif bc	bc	bcwz	bczco
6	Pembroke	c	cbc	cbc	cbc
7	Holyhead	ir0c	bc c	coff	ffcmc
	Chester (Sealand)	cr0z0	t crm0	om0	om0r0
8	L'pool (Bidston)	c	cpr0 g	c	m0id0
	Manchester	cr0z0	cr0tc	cr0m0	cr0m0
9	Harrogate	bc c	c	cir0	cir0
10	Spurn Head	bc c	o	cir0	rrir0
	Catterick	m cm0	cm0r0	cm0rr0r0	om0r0r0
	Tynemouth	cir0c	c	oir	oirm
11	Inchkeith	c	c	cPR	cLRrr
	Leuchars	c bc	bcyc	cor0	orrr0r0
12	Renfrew (Abbotts I.)	cz0	cz0	czom0r0	cr0orr
	Eskdalemuir	c	cpr0	ccr0	cr0r0
13A	Tiree	cz0	cmif	fm0	o
13B	Stornoway	c	c	ir0tlf	cr0r0
15	Dalwhinnie	c	c	*	ir
	Aberdeen	c bcz0	bc cz0	cz0	cz0
	Wick	Ff c	c	cpr0c	c
16	Lerwick	bc c	c	c	c
17	Blacksod Point	ir0	ir0	bc	bc
18	Malin Head	c	cjp	cjpz	cm0m
	Aldergrove	c bc cz0	cz0ir0r0	cz0tr0	cm0
	Donaghadee	cz0	cbc	bcc	circ
19	Birr Castle	c	ct	c	cbc
20	Valentia Obsy.	cir0c	c bc b	bbcc	cir0c
	Roches Point	ctp0c	ctlR 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/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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

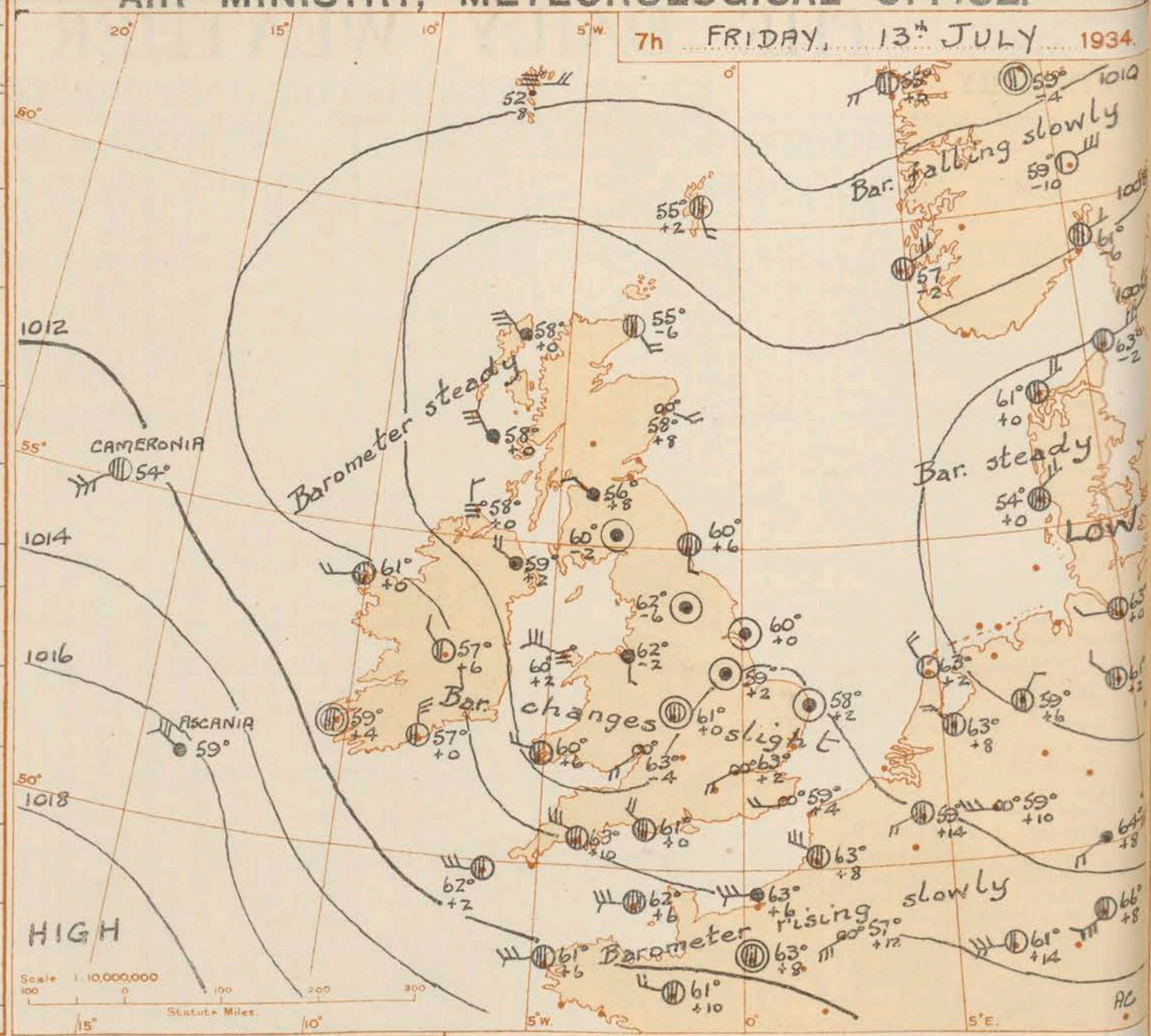
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Thurs. 12th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 11th to 9h. 12th	Temperature. Max. 9h.—17h. 12th	Rainfall. Night. 17h. 11th to 9h. 12th	Rainfall. Day. 9h.—17h. 12th	Sunshine. Sunrise to 17h. 12th	Sunshine. Sunrise to Sunset. 11th
1	Tunbridge W.	o op	pop	57	63	6	1	—	13·1
	Bournemouth	o c o	o	60	70	2	—	0·5	5·8
	Ventnor ...	tlp co	op or	61	68	1	0·3	0·5	5·5
	Southsea ...	o ir	o ir	62	68	1	3	0·4	7·2
	Bognor Regis	bc or r	r r o ir	61	67	3	10	0·2	8·1
	Littlehampton	c r r	c r g c	60	68	0·2	11	0·9	8·9
	Worthing ...	r r	r c	63	66	Trace	4	0·8	10·6
	Brighton ...	r	c b c	63	68	1	8	0·2	10·0
	Eastbourne†	r r o	o c	61	67	5	4	0·1	10·2
	Hastings† ...	o r o	o c	61	68	—	3	0·7	12·3
	Folkestone ...	tl c p	c	62	68	Trace	1	0·8	14·2
	Dover... ...	c o p b c	c p o	63	70	—	1	1·3	14·3
	Deal	c o p	p o c	57	66	Trace	3	0·3	14·6
	Ramsgate ...	o m	d c d c	60	65	0·2	0·4	0·2	14·5
	Margate ...	c f	c p	60	63	Trace	0·4	0·7	15·2
2	Southend ...	o r	o r m	59	67	4	1	0·0	14·1
	Maldon ...	p c	c o r	54	69	Trace	Trace	0·4	14·8
	Clacton-on-Sea	b c p c	c	59	66	—	0·1	0·5	14·9
	Dovercourt ...	b c	b c c	57	66	—	—	1·6	14·6
	Lowestoft ...	b	b c c	56	68	—	—	8·3	14·6
	Skegness ...	b c	b c o	65	69	—	—	4·6	14·3
	Mablethorpe	c	c o	52	72	—	—	6·2	14·4
	Cleethorpes ...	b c c	c o	55	76	—	—	5·2	14·0
3	Leamington S.	o c	a u	62	78	0·4	—	0·8	12·0
4	Cheltenham†	c	c o p	60	71	2	Trace	0·3	12·3
5	Bath	b c c	c tl r	62	73	5	Trace	1·0	7·1
	Weymouth ...	c	b c	58	74	—	—	3·0	5·6
	Jersey ...	r c f b c	c b	60	70	1	—	7·0	8·5
	Torquay ...	w b c z	c t r p	58	72	—	1	5·8	8·0
	Penzance ...	c c b c	c b c b	61	72	Trace	—	2·5	1·0
	St. Ives ...	c	c	61	71	—	—	4·6	4·0
	Bude	c	b c	55	69	—	—	5·3	8·1
	Ilfracombe ...	o c b c	b b c c	62	68	—	—	5·5	5·1
6	Aberystwyth	p r c	c	62	71	2	—	0·3	10·2
7	Llandudno ...	r c b c	c	63	72	0·3	Trace	1·2	13·5
	Colwyn Bay...	o p o b c	b c c	63	67	0·3	—	1·2	12·6
	Rhyl	p r c	c b c c	63	69	0·3	(Tr except)	1·7	13·5
8	Wallasey ...	b c c	c p p	66	68	—	Trace	1·7	12·4
	Southport‖ ...	c o c	c o p o	62	71	Trace	—	0·6	10·9
	Blackpool ...	c p	c p	62	70	—	Trace	1·3	11·8
	Morecambe ...	c	b c c	63	70	—	—	1·5	0·8
9	Ilkley... ...	c	c	63	80	—	—	3·5	9·7
10	Berwick-on-T.	c	c	55	65	—	—	2·1	9·6
11	Dunbar ...	b c	b c	55	65	—	—	5·3	6·8
12	Troon... ...	w c c z	c b c c z	60	78	—	—	0·3	6·1
	Douglas ...	c b c	c b c	62	74	Trace	—	4·4	10·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 4/10 to 5/10 clouded. Sky 7/10 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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th July, 1934.
1 S.E. England 2 E. England... 3 E. Midlands 4 W. Midlands	Light westerly or variable wind; mainly cloudy, occasional rain, local thunder; average temperature; rather close.
5 S.W. England 6 South Wales	Light or moderate westerly wind; bright intervals; local 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	Light variable wind; cloudy, rain at times, perhaps local thunder; cooler than of late but rather close.
15 N.E. Scotland 16 Orkneys and Shetlands	Light east or southeast wind; cloudy, occasional rain locally; average or rather close temperature.
17 N.W. Ireland 18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	Light or moderate northwest wind, backing later; bright intervals; local showers; average temperature.

GENERAL INFERENCE.

A shallow depression covers the British Isles. There will be occasional rain in most districts and thunder locally.

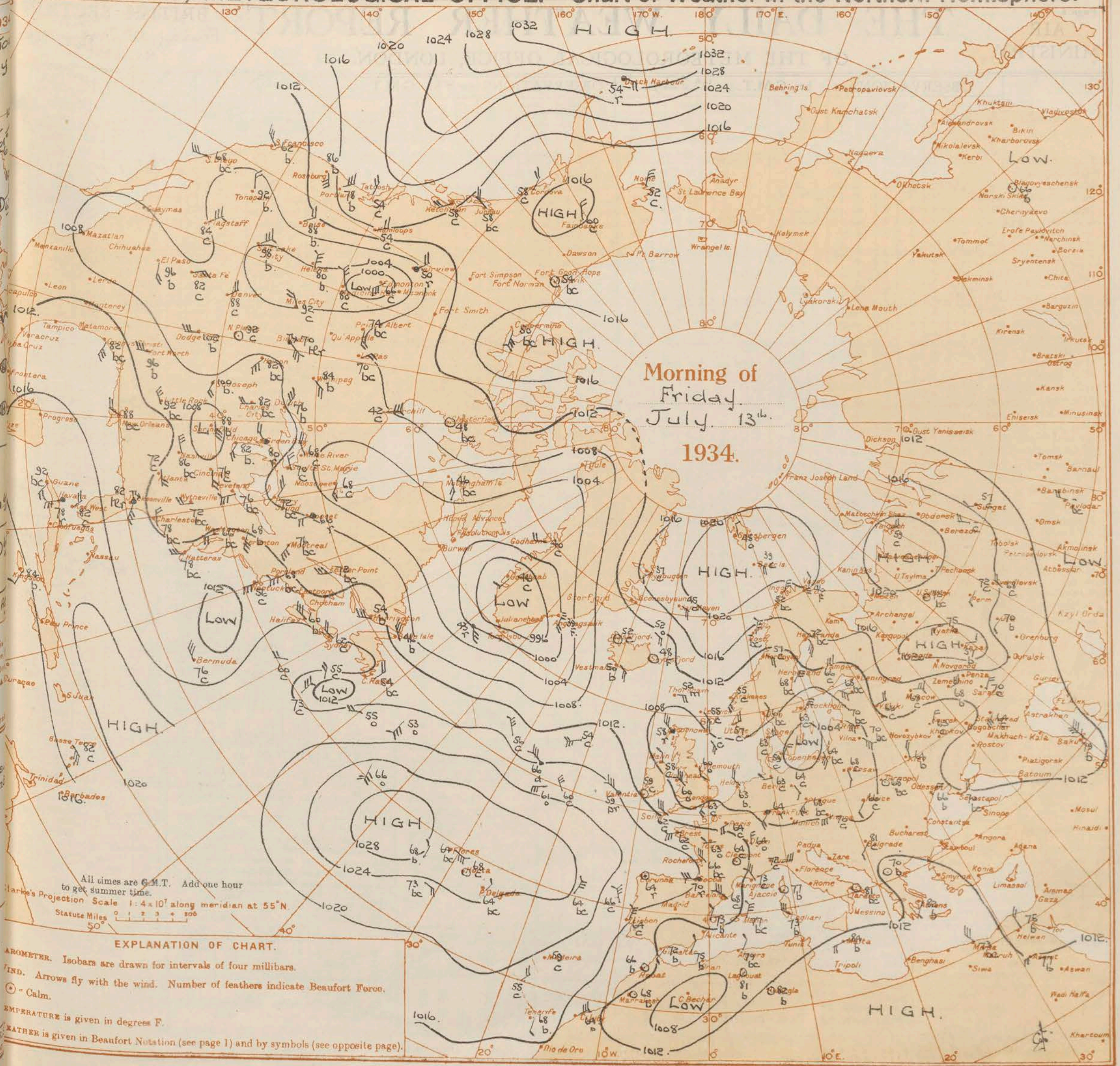
FURTHER OUTLOOK.

Rather unsettled.

Forecasts issued at 0930 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 13th July 1934.

No. 26531

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

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	1009.8	-2	SW	3	c	61	85	6	-	7	-	0	9+	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1008.5	-8	WNW	2	3o	59	95	5	-	3	-	0	10	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1007.5	-2	SE	2	ir	62	95	7	6	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1008.8	0	WNW	2	c	61	95	7	5	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1010.6	0	WNW	4	0	61	95	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1011.6	-4	NW'W	5	c	61	95	8	8	-	-	7-8	7-8	2500
	Guernsey	175	1010.6	0	WNW	3	3o	62	95	6	8	-	-	4-6	4-6	2500
6	Pembroke	142	1007.7	0	NW	2	bc	61	95	7	5	-	-	4-6	4-6	4000
7	Holyhead	26	1007.3	-4	SSW	3	f	60	95	2	5	-	-	10	10	<150
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1008.0	0	-	0	ir	60	95	7	3	2	-	7-8	10	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1007.1	-4	SE	1	o/r	57	95	7	6	-	-	10	10	1500
11	Inchkeith	190	1007.6	-2	N	1	ir	58	85	8	5	2	-	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsinch)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1007.7	-4	WNW	3	of	58	95	3	5	-	-	10	10	800
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1008.1	-4	ESE	3	c	54	95	8	8	1	-	7-8	9+	1500
16	Lerwick	54	1009.3	-8	NE	2	c	52	95	7	5	2	-	9	10	800
17	Blacksod Point	18	1010.5	0	-	0	b	56	95	8	4	-	-	1	1	4000
18	Malin Head	52	1008.0	-2	N	1	pr	60	95	6	8	-	-	10	10	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1011.0	-6	NW	1	bc	59	95	8	7	-	-	2-3	2-3	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	1008.3	+2	WSW	2	c	64	85	5	5	7	-	7-8	10	4000	0	*
Croydon	1008.7	+2	SW'W	2	3o	63	95	6	5	3	-	2-3	9+	4000	1	*
S. Farnborough	1008.5	+4	WSW	3	ir	63	95	6	5	1	-	7-8	10	800	1	*
Boscombe Down	1008.8	+6	WSW	2	c/r	62	95	5	5	1	-	7-8	10	2500	1	*
Calshot (S'thmtn)	1009.1	+2	SW	2	ir	63	95	6	5	7	-	4-6	10	2500	1	1
Dungeness	*	*	SW	2	F	*	*	1	5	-	*	10	10	<150	*	0
Lympne	1008.8	+4	W	2	3o	59	95	5	5	-	-	10	10	7200	0	*
Shoeburyness	1008.1	+4	W'S	1	c	64	95	5	5	7	-	2-3	10	7200	1	*
Felixstowe	1007.6	+4	WSW	2	ro	62	95	4	5	2	-	7-8	10	4000	1	0
Gorleston	1007.2	+2	-	0	pr	58	85	6	6	-	-	10	10	2500	0	2
Cranwell	1008.0	+2	-	0	rr	59	95	5	6	-	-	10	10	800	1	*
Birmingham	1008.0	0	-	0	c	61	95	5	6	-	-	9+	9+	1500	1	*
Upper Heyford	1008.1	+2	WSW	2	ir	63	95	6	5	-	-	10	10	1500	1	*
Ross-on-Wye	1007.8	-4	SW'W	2	3o	63	95	5	5	7	-	2-3	10	2500	1	*
Portland Bill	1008.8	0	WNW	2	c	61	95	6	5	-	-	9	9	1500	0	2
Plymouth	1010.0	+10	WNW	3	c/pr	63	95	8	9	7	-	4-6	9+	800	1	2
The Lizard	1011.2	+6	W'N	4	bc	62	95	8	7	-	-	2-3	2-3	4000	1	2
Scilly (St. Mary's)	1011.7	+2	W'N	3	c/p	62	95	7	9	4	-	9	9	1500	0	2
Guernsey	1010.8	+6	W	4	o	62	95	6	5	-	-	10	10	1500	0	2
Pembroke	1007.5	+6	WNW	2	bc	60	85	7	4	6	-	4-6	4-6	4000	0	1
Holyhead	1006.8	+2	WNW	4	m	60	95	4	5	-	-	10	10	800	0	2
Chester (Sealand)	1007.2	-2	S	1	ir	62	95	5	6	2	-	7-8	10	5700	1	*
L'pool (Bidston)	1007.1	-2	S'E	2	id	62	95	5	5	-	-	10	10	1500	0	*
Manchester	1007.2	-2	-	0	m	63	95	4	5	2	-	9	10	800	1	*
Harrogate	1007.0	-6	-	0	ir	62	95	5	-	7	-	0	10	-	6	*
Spurn Head	1007.6	0	-	0	ir	60	85	8	3	2	-	7-8	9+	1500	1	1
Catterick	1006.7	+2	S'W	1	ro	57	95	6	6	2	-	7-8	10	2500	1	*
Tynemouth	1006.3	+6	S	1	o/r	60	95	4	6	-	-	10	10	1500	1	1
Inchkeith	1007.4	0	SW	1	rr	57	95	8	6	-	-	10	10	1500	2	1
Leuchars	1007.0	+6	N	1	c/r	57	95	8	5	2	-	4-6	10	1500	1	*
Renfrew (Abbotsinch)	1006.9	+8	N'W	1	rr	56	95	4	6	-	-	10	10	2500	1	*
Eskdalemuir	1006.1	-2	-	0	ro	60	95	5	6	2	-	7-8	10	220	1	
Tiree	1007.5	0	NNW	4	id	58	95	7	5	-	-	10	10	2500	1	2
Stornoway	1006.4	0	NW	3	ro	58	95	6	5	-	-	10	10	800	1	1
Dalwhinnie	1007.3	+4	-	0	ir	57	95	7	4	4	-	7-8	10	1500	0	*
Aberdeen	1007.2	+8	SE	2	3o	58	95	6	5	7	-	7-8	9+	2500	0	1
Wick	1007.5	-6	SSE	2	c	55	95	8	5	7	8	7-8	9+	1500	0	2
Lerwick	1008.6	+2	S'E	2	c	55	85	8	5	2	-	4-6	10	1500	0	*
Blacksod Point	1010.1	0	W	2	bc	61	85	8	2	-	-	2-3	2-3	2500	0	2
Malin Head	1007.8	0	N	1	m	58	95	4	8	-	-	10	10	450	1	0
Aldergrove	1007.6	+2	NW	2	ir	59	95	6	5	-	-	10	10	450	0	*
Donaghadee	1007.3	0	-	0	c	57	95	7	5	-	-	7-8	7-8	1500	1	0
Birr Castle	1010.3	+6	NNW	1	bc	57	95	7	5	4	-	2-3	4-6	2500	0	*
Valentia Obsy.†	1011.6	+4	-	0	c/p	59	95	8	5	-	-	9+	9+	800	1	1
Roches Point	1011.3	0	N	3	bc	57	85	8	5	-	-	2-3	2-3	2500	1	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F. (32)	Temperature Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 12m Hrs. (36)
London	71	61	58	1	—	0.2
Croydon	69	60	57	2	Tr	0.8
S. Farnborough	68	57	50	2	Tr	0.1
Boscombe Down	69	59	57	0.3	1	0.7
Calshot	69	60	59	1	0.2	0.5
Dungeness	69	56	*	1	Tr	*
Lympne	66	57	54	1	—	0.3
Shoeburyness	67	60	58	0.4	0.1	0.0
Felixstowe	66	60	58	—	1	1.6
Gorleston	67	58	57	—	Tr	8.7
Cranwell	63	57	57	Tr	7	3.4
Birmingham	73	60	59	0.2	4	1.5
Upper Heyford	74	60	58	0.1	0.3	*
Ross-on-Wye	76	61	60	1	1	3.0
Portland Bill	68	59	*	0.6	—	*
Plymouth	72	62	60	Tr	1	9.7
The Lizard	69	60	*	—	1	
Scilly (St. Mary's)	68	58	*	—	0.1	3.0
Guernsey	69	60	58	—	—	6.5
Pembroke	75	58	*	—	—	5.8
Holyhead	71	59	59	Tr	—	4.6
Chester (Sealand)	74	60	57	2	0.1	1.9
L'pool (Bidston)	68	62	60	Tr	Tr	0.8
Manchester	77	60	58	Tr	0.1	1.6
Harrogate	73	57	55	—	0.6	3.2
Spurn Head	67	57	*	—	2	4.4
Catterick	71	56	55	Tr	3	0.0
Tynemouth	64	57	55	Tr	4	*
Inchkeith	66	56	54	—	19	5.1
Leuchars	67	54	53	—	4	8.2
Renfrew (Abbotsinch)	68	56	55	—	5	0.1
Eskdalemuir	67	58	58	Tr	1	0.0
Tiree	69	57	55	—	Tr	1.3
Stornoway	73	57	*	—	2	1.8
Dalwhinnie	82	52	43	—	7	7.6
Aberdeen	67	56	52	—	—	3.9
Wick	61	53	*	—	Tr	*
Lerwick	56	51	*	—	Tr	4.2
Blacksod Point	71	55	*	0.3	—	*
Malin Head	69	57	*	—	Tr	4.4
Aldergrove	73	58	58	Tr	Tr	3.6
Donaghadee	69	55	*	—	0.2	*
Birr Castle	78	52	38	—	—	4.8
Valentia Obsy.†	65	56	52	1	1	4.7
Roches Point	69	56	*	13	—	*

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	c3ocr	c	ccmo	71	61	58	1	-	0.2	*	*	7
Croydon	217	cpr,o,r,o	cr,o,mo	ir,o,cmo	69	60	57	2	Tr	0.8	*	*	6
Greenwich (Royal Observatory)	149	crcmo	cfrc	cr,o,cmo	68	60	57	1	0.3	0.3	83	77	6
City (Bunhill Row)	—				*	*	*	*	*	0.3	*	*	*
Westminster (St. James' Park)	27	*	*	*	73	61	55	1		0.5	81	65	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	71	61	59	2	Tr	0.2	83	84	*
Camden Square	110	cor	c	*	70	62	58	2	Tr	*	At 18h.	82	*
Kensington	80	ccor	co	*	71	61	57	2	Tr	0.2	87	77	*
Hampstead Observatory	450	bc	or	bcp	67	58	57	2	Tr	0.2		93	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6	8h 12h	<0.3	12h 12h to 7h 13th

Kew Observatory Max.	Time.	Min.	Time.
0.3	11h 12h	0.1	4h 13th

FOREIGN OBSERVATIONS.

18h. G.M.T. 12th July

Stations	Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.
Paris	1007.7	W	2	bc	72
Brussels	1005.9	N	3	c	70
Berlin	1004.0	NNW	3	c	72
Zürich	1009.5	WNW	1	c	72
Rome					

7h. G.M.T. 13th July

Stations	Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1009.9	WSW	3	3o	57	81	59	4	Tr
Brussels	1008.0	WSW	2	c/r	59	75	55	—	4
Berlin	1005.2	SSE	1	3o	64	75	57	—	—
Zürich	1001.8	SSW	2	c	64	79	59	0.1	20
Rome									

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 ,,
2	Fog	550 ,,
3	Moderate fog	1,100 ,,
4	Mist or haze	1¼ miles.
5	Poor visibility	2½ ,,
6	Moderate ,,	6½ ,,
7	Good ,,	12½ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

TERMS OF SUBSCRIPTION. { Single Copies, 1d. each; by post 1½d. 2/6 per month; 6/6 per quarter; 25/- per year.

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

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

† hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 14th JULY 1934.

No. 26532

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

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)	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)	10085	+2	SW	1	tlro	67	95	7	3	3	-	7-8	10	2500
	Croydon	10083	-6	SW	3	c	74	55	7	8	3	8	4-6	9	4000
	S. Farnborough	10083	+6	NW	2	ritlr	63	85	6	9	1	-	9+	10	1500
	Boscombe Down	10081	-4	WNW	4	c	74	65	7	5	-	-	7-8	7-8	2500
	Calshot, S'thmtn	10092	+2	SW'S	1	tlr	65	95	6	9	2	8	7-8	10	4000
	Dungeness	*	*	SW	3	bc	*	*	6	8	7	*	2-3	4-6	2500
	Lympne	10092	+2	SSW	3	c/r	67	85	6	3	3	-	7-8	9+	2500
2	Shoeburyness	10080	-4	SW	2	t	72	75	6	8	7	-	4-6	9+	4000
	Felixstowe	10080	+2	SE	1	PR	65	95	4	9	7	-	7-8	9+	1500
	Gorleston	10078	+6	E'S	3	o	63	95	6	5	-	-	10	10	2500
	Cranwell	10080	0	E'S	1	pr	66	85	6	6	2	-	9	10	800
3	Birmingham	10078	0	WNW	3	c/pr	68	85	7	9	7	-	4-6	7-8	2500
	Upper Heyford	10082	0	W	3	iro	68	85	7	6	2	-	4-6	10	1500
4	Ross-on-Wye	10080	0	NWW	3	c	72	65	8	2	-	1	7-8	9	4000
5	Portland Bill	10102	+4	W	4	bc	63	95	7	4	-	-	4-6	4-6	2500
	Plymouth	10111	+6	SWW	4	pr	67	85	8	8	-	-	9	9	4000
	The Lizard	10124	+4	W'S	4	bc	69	75	8	8	6	-	2-3	4-6	2500
	Scilly (St. Mary's)	10128	+8	WNW	4	c	68	75	8	2	7	3	4-6	7-8	4000
	Guernsey	10121	+6	WNW	4	bc	69	75	8	1	-	-	2-3	2-3	2500
6	Pembroke	10093	+4	W	2	bc	62	75	8	7	6	-	2-3	4-6	5700
7	Holyhead	10094	+10	WNW	4	old	60	85	7	5	-	-	10	10	800
	Chester (Sealand)	10078	+6	NW	3	c/r	64	85	6	6	-	-	9+	9+	1500
8	L'pool (Bidston)	10083	+2	WN	4	c	62	95	6	5	-	-	9+	9+	2500
	Manchester	10073	+4	NWW	3	c/r	64	85	6	6	2	-	9	10	800
9	Harrogate	10071	0	S	1	c/r	65	95	5	6	2	-	4-6	10	2500
10	Spurn Head	10080	+2	SSE	3	c	62	75	8	5	1	-	4-6	7-8	4000
	Catterick	10067	0	SE'S	1	c/r	66	85	6	6	2	-	4-6	10	4000
	Tynemouth	10069	+4	N	1	roro	58	95	4	6	-	-	10	10	1500
11	Inchkeith	10074	+2	NE	1	c	59	85	8	5	2	-	4-6	10	1500
	Leuchars	10074	+4	E	3	c	64	75	8	5	7	-	2-3	9+	4000
12	Renfrew (Abbotts I.)	10064	-2	W	1	zo	68	75	6	8	2	-	7-8	10	2500
	Eskdalemuir	10066	+6	N	1	roro	59	95	6	6	-	-	10	10	800
13A	Tiree	10030	+10	NNW	4	c	60	85	7	5	7	-	4-6	7-8	2500
13B	Stornoway	10063	+2	WNW	3	roro	60	95	7	9	2	-	9	10	1500
15	Dalwhinnie	10069	+6	N	1	rr	60	95	6	9	-	-	10	10	800
	Aberdeen	10071	0	SEE	3	bc	64	65	8	7	-	6	2-3	4-6	2500
	Wick	10063	0	SSE	2	c	60	85	7	5	7	-	7-8	9+	1500
16	Lerwick	10086	-2	S	4	bc	60	75	8	7	-	1	2-3	4-6	1500
17	Blacksod Point	10117	+10	WNW	2	bc	65	75	9	2	3	1	1	4-6	2500
18	Malin Head	10092	+10	NNW	3	c	60	85	8	8	2	-	9	10	1500
	Aldergrove	10088	+6	NWN	4	rr	57	95	8	6	-	-	10	10	450
	Donaghadee	10081	+2	NNE	1	iro	60	95	7	6	-	-	9+	9+	1500
19	Birr Castle	10102	0	NW	3	c	74	45	8	8	-	-	9	9	2500
20	Valentia Obsy.	10141	+14	NWW	5	c	62	75	8	5	-	-	9+	9+	1500
	Roches Point	10118	+6	N	2	c/pr	67	75	9	9	-	-	7-8	7-8	2500

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

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)
London (Kew)	10089	0	SWW	3	c	67	75	8	8	7	-	7-8	10	2500	1	*
Croydon	10091	-2	SSW	2	c	65	85	7	8	7	-	7-8	9+	2500	1	*
S. Farnborough	10084	-4	SW'S	2	c	66	85	7	8	1	-	4-6	7-8	2500	1	*
Boscombe Down	10087	+4	W'N	4	bc	70	65	8	7	6	1	4-6	4-6	4000	0	
Calshot, S'thmtn	10090	-6	SW'S	4	bc	67	85	8	7	4	-	2-3	2-3	4000	1	2
Dungeness	*	*	SW	4	c	*	*	5	4	-	*	9	9	1500	*	3
Lympne	10094	+2	WSW	2	c	67	65	8	5	1	-	2-3	7-8	7200	1	*
Shoeburyness	10086	+4	SW	1	c	64	95	6	5	7	-	4-6	10	5700	1	*
Felixstowe	10080	-2	SW	2	rr	63	85	6	6	2	-	7-8	10	1500	1	0
Gorleston	10076	-8	SE'S	3	roro	62	95	5	6	-	-	10	10	2500	1	2*
Cranwell	10081	0	SE'S	1	roro	61	95	5	6	-	-	10	10	450	1	
Birmingham	10086	+2	N	2	c/pr	63	95	6	6	-	-	10	10	1500	1	*
Upper Heyford	10087	+10	N	2	iro	61	95	8	6	-	-	10	10	1500	1	*
Ross-on-Wye	10086	+4	NW	3	c	67	75	8	8	-	-	9	9	4000	1	
Portland Bill	1010.0	-4	W'S	4	c	62	85	7	5	7	-	4-6	7-8	2500	0	3
Plymouth	1011.0	0	WN	4	c	67	75	9	8	3	-	7-8	7-8	2500	0	2
The Lizard	10124	0	WN	4	bc	64	85	8	8	6	-	4-6	4-6	2500	0	2
Scilly (St. Mary's)	1013.3	0	NW	5	c	64	75	7	8	7	-	4-6	7-8	4000	0	3
Guernsey	1012.1	-2	WNW	4	c	63	85	8	8	-	-	7-8	7-8	2500	0	3
Pembroke	10093	-2	W	2	bc	62	85	7	7	-	-	4-6	4-6	5700	0	1
Holyhead	10094	+8	N	4	iro	59	95	6	6	2	-	9	10	800	1	2*
Chester (Sealand)	10089	+8	NWW	4	ido	61	95	5	5	-	-	10	10	800	1	*
L'pool (Bidston)	10086	0	WN	4	o	60	95	7	5	-	-	10	10	1500	1	*
Manchester	10079	0	WNW	4	zo	64	85	6	6	-	-	10	10	1500	0	*
Harrogate	1007.1	0	SW	2	iro	62	95	6	6	7	-	7-8	9+	2500	1	*
Spurn Head	1007.7	0	S	3	c	62	85	7	3	2	-	4-6	9+	2500	1	2
Catterick	1006.7	0	NNW	1	o/r	61	95	4	6	-	-	10	10	1500	1	*
Tynemouth	1007.0	0	-	0	iro	60	95	4	6	-	-	10	10	1500	1	1
Inchkeith	1007.1	-2	NW	1	c	62	85	8	5	7	-	4-6	10	1500	0	1
Leuchars	1007.1	-2	ESE	2	c	64	75	7	5	1	-	4-6	10	2500	1	*
Renfrew (Abbotts I.)	1007.1	+6	WNW	3	roro	61	95	7	5	2	-	4-6	10	1500	1	*
Eskdalemuir	1006.5	0	-	0	roro	60	95	6	6	2	-	7-8	10	1500	1	*
Tiree	10039	+8	NWN	4	bc	60	75	8	7	6	-	2-3	2-3	4000	0	2
Stornoway	10074	+2	NW	2	roro	58	95	6	8	2	-	9	10	1500	1	!
Dalwhinnie	1008.1	+4	-	0	RR	58	95	6	9	-	-	10	10	800	2	
Aberdeen	10074	0	SSE	2	c	63	75	8	8	7	-	2-3	7-8	800	0	1
Wick	10068	+2	SSE	2	c	58	85	8	5	9	-	7-8	10	1500	0	2*
Lerwick	10094	+6	SSE	4	bc	58	85	8	2	9	8	1	2-3	800	0	
Blacksod Point	10123	+4	WNW	3	c	62	85	9	7	-	-	7-8	7-8	1500	1	2
Malin Head	1010.9	+6	NW	3	c	60	85	8	8	8	-	4-6	9+	1500	1	0
Aldergrove	1010.3	+10	NW	3	roro	58	95	7	6	2	-	9	10	800	1	*
Donaghadee	1009.0	+8	NE	3	c	58	85	7	9	-	-	9	9	1500	0	2
Birr Castle	1010.8	0	NW	1	pr	66	75	8	3	-	-	9	9	2500	1	*
Valentia Obsy.	1015.0	+2	NWW	4	c	61	75	8	5	-	-	9+	9+	1500	1	3
Roches Point	10122	+6	N	4	bc	67	75	8	5	-	-	4-6	4-6	2500	1	3

PAST 24 HOURS. WEATHER.

Stations	7h.—13h. 13th (37)	13h.—18h. 13th (38)	18h 13th to 1h. 14th (39)	1h.—7h. 14th (40)
London (Kew)	ctlP	ctlrc	cctlrc	cbczo
Croydon	cmoz bc⊕	ctlrq rrm	tlro bc	bccmo
S. Farnborough	iroc Rtlf	rotrrc	cbc	bcbw
Boscombe Down	omo cmoc	cbc	bccmo	cmc
Calshot, S'thmtn	btlPR	cro bc	bc	bcwmo
Dungeness	bcR	bc	*	o
Lympne	cmotlir	bcc	cRbw	bwFcmo
Shoeburyness	ctm	ctlromo	cmoiro	cmo
Felixstowe	cror oPR3	cTLRq rr	crrcrozo	cRRrrzo
Gorleston	roroo	ororo	oRRtl	oRrr
Cranwell	rriroom	prtrr	orrdd	omo
Birmingham	c	tlrc	oprc	c
Upper Heyford	c	tlRR	clRr	cbcc
Ross-on-Wye	rc	cRc	cbc	bcc
Portland Bill	cbc	bcc	bc	bcc
Plymouth	bcc	cprv	cvb	b,cjp
The Lizard	bc	bc	bcb	bbcc
Scilly (St. Mary's)	po bcc	po ido	cbc	bcc
Guernsey	ocbc	bcc	cbcw	bwbcc
Pembroke	cbc	bc	bcc	c
Holyhead	mdodo	ciroc	dmoc	cb
Chester (Sealand)	omoroRt	rotmozq	docro	oror
L'pool (Bidston)	irmrc	o	oc	cirq
Manchester	cromo	croc	cromo	crmo
Harrogate	cror	ciR	c	c
Spurn Head	c	bc	rrcz	zfd
Catterick	roroomo	omrtlr	rromo	cmoc
Tynemouth	croro	oiroff	omiro	orr
Inchkeith	cpro	c	orr	frrc
Leuchars	ciroc	cidoc	cromo	czorr
Renfrew (Abbotts I.)	rrmczo	czocroro	crorobc	bcb
Eskdalemuir	crrro	crro	crr	ciroc
Tiree	odroc	cbc	cbc	bcc
Stornoway	croro	croro	roroc	c
Dalwhinnie	ir	rr	*	ir
Aberdeen	czo bc	bcc	c	crr
Wick	c	c	ciro	rorm o
Lerwick	cbc	bc	bcc	c
Blacksod Point	bc	proc	R	cbc
Malin Head	cpro	cpro	c	bccpr
Aldergrove	oRRrr	orocroro	crororoprc	cbcc
Donaghadee	ciro	ciroc	cbc	bc
Birr Castle	bccy	cpr	cpr	cpr
Valentia Obsy.	ciroc	c	cprobc	bc
Roches Point	bcpoc	cpo bc	bcc	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/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_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 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.

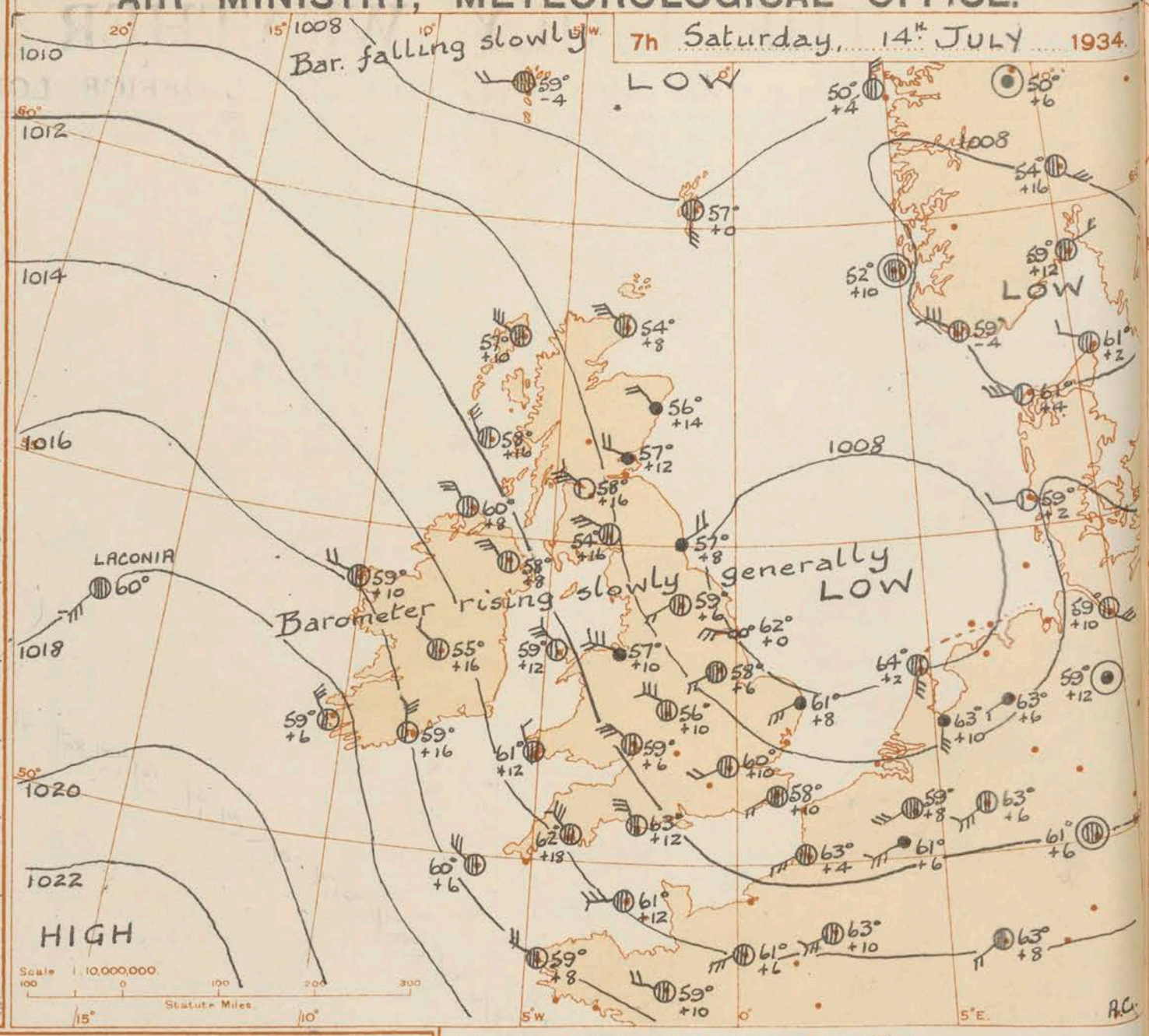
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Friday, 13th JULY 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.	o	bctor	57	75	-	2	0·8	0·0
	Bournemouth	ocbcb	b	58	79	1	-	7·9	0·5
	Ventnor ...	orbcb	bobc	60	70	0·5	-	3·3	0·6
	Southsea ...	oc,bc	cirbc	61	74	0·2	3	1·8	0·4
	Bognor Regis	ocbc	bcir	60	68	1	Trace	2·3	0·2
	Littlehampton	oir.o	ocbc	60	68	0·1	Trace	1·0	0·9
	Worthing ...	pbc	c	61	68	Trace	Trace	0·8	0·8
	Brighton ...	o	cbc	60	67	0·3	-	1·1	0·6
	Eastbourne†	c	cbcc	60	66	-	-	2·6	0·1
	Hastings‡ ...	ocbc	bcbcc	59	71	-	-	3·1	1·1
	Folkestone ...	om.or	orcbc	59	68	-	6	3·3	0·8
	Dover... ...	moc	cpocbcc	59	67	Trace	0·4	2·3	1·3
	Deal	oc	cbco	59	74	1	-	2·5	0·3
	Ramsgate ...	c	thrtlr	60	69	-	17	0·1	0·2
	Margate ...	ctp	ctp	60	73	-	4	0·2	0·7
2	Southend ...	omc	copt	61	74	-	1	0·1	0·0
	Maldon ...	oc	ittR	59	74	1	13	0·2	0·4
	Clacton-on-Sea	cocz	cotlrr	60	70	1	3	0·3	0·5
	Dovercourt ...	dc	ctlrr	59	69	1	23	0·2	1·6
	Lowestoft ...	cid.	cm.	58	66	0·4	Trace	0·0	8·3
	Skegness ...	oro	odo	59	63	6	0·1	0·0	4·6
	Mablethorpe	or.	or.	54	62	3	0·3	0·0	6·2
	Cleethorpes...	or.	or.	57	64	2	Trace	0·0	5·2
3	Leamington S.	opc	ortl	61	74	1	2	0·1	0·8
4	Cheltenham†	cir.	iRtl	60	65	1	29	0·0	0·3
5	Bath	cbcb	b	63	74	5	-	6·0	1·0
	Weymouth ...	cb	b	59	73	-	-	7·9	3·2
	Jersey ...	cpcbc	bcc	59	68	-	1	3·3	9·0
	Torquay ...	rpc	bcjp	59	74	2	-	6·3	7·3
	Penzance ...	or.c	bbcb	60	70	2	-	7·7	3·2
	St. Ives ...	pc	pc	61	67	0·5	Trace	7·3	5·7
	Bude	cbc	bc	63	69	0·1	-	9·6	5·6
	Ilfracombe ...	cbc	b	61	67	-	-	7·5	7·8
6	Aberystwyth	om.rr	cbc	60	64	Trace	7	0·1	0·3
7	Llandudno ...	od.o	com.o	61	62	10	Trace	0·0	1·5
	Colwyn Bay...	p.o	o	61	65	1	-	0·0	1·2
	Rhyl	prorc	coe	60	65	3	0·5	0·2	1·7
8	Wallasey ...	r.r	c	63	65	Trace	5	0·0	1·7
	Southport‖ ...	o	oc	61	65	0·1	-	0·0	0·6
	Blackpool ...	o	c	61	65	-	-	0·4	1·3
	Morecambe ...	cdic	c	61	67	0·3	Trace	0·0	1·5
9	Ilkley... ...	o	rorrc	57	68	0·3	5	0·0	3·5
10	Berwick-on-T.	opr.	pr.o	56	59	1	0·4	0·0	2·1
11	Dunbar ...	cr.	cr.	55	61	2	Trace	0·0	5·7
12	Troon... ...	corcf	corcr	58	61	13	Trace	0·0	0·3
	Douglas ...	cbc	cidq	58	65	-	Trace	2·4	4·8

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



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. Thunder. Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th July, 1934.

Districts.	Forecasts
1 S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate northwest wind, backing tomorrow; variable cloud, some showers, local thunder; fair later; average temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate northwest wind, backing south, freshening tomorrow; bright intervals, local showers; general rain spreading east tomorrow; average temperature.
9. N. Midlands 10. N.E. England	As 1 - 4.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland. B. N.W. Scotland 14. Mid-Scotland	As 5 - 8.
15. N.E. Scotland 16. Orkneys and Shetlands	Light or moderate northwest wind, backing tomorrow; cloudy, some showers; average temperature.
17. N.W. Ireland	Wind backing south and freshening; fair at first, rain later; average temperature.
18. N.E. Ireland 19. S.E. Ireland	As 5 - 8.
20. S.W. Ireland	As 17.

GENERAL INFERENCE.

A shallow depression over the North Sea and a wedge of high pressure off West Ireland are both moving eastward. A deepening depression is advancing on the Atlantic. There will be showers in most districts today, especially in the East, and general rain will spread eastward during tomorrow.

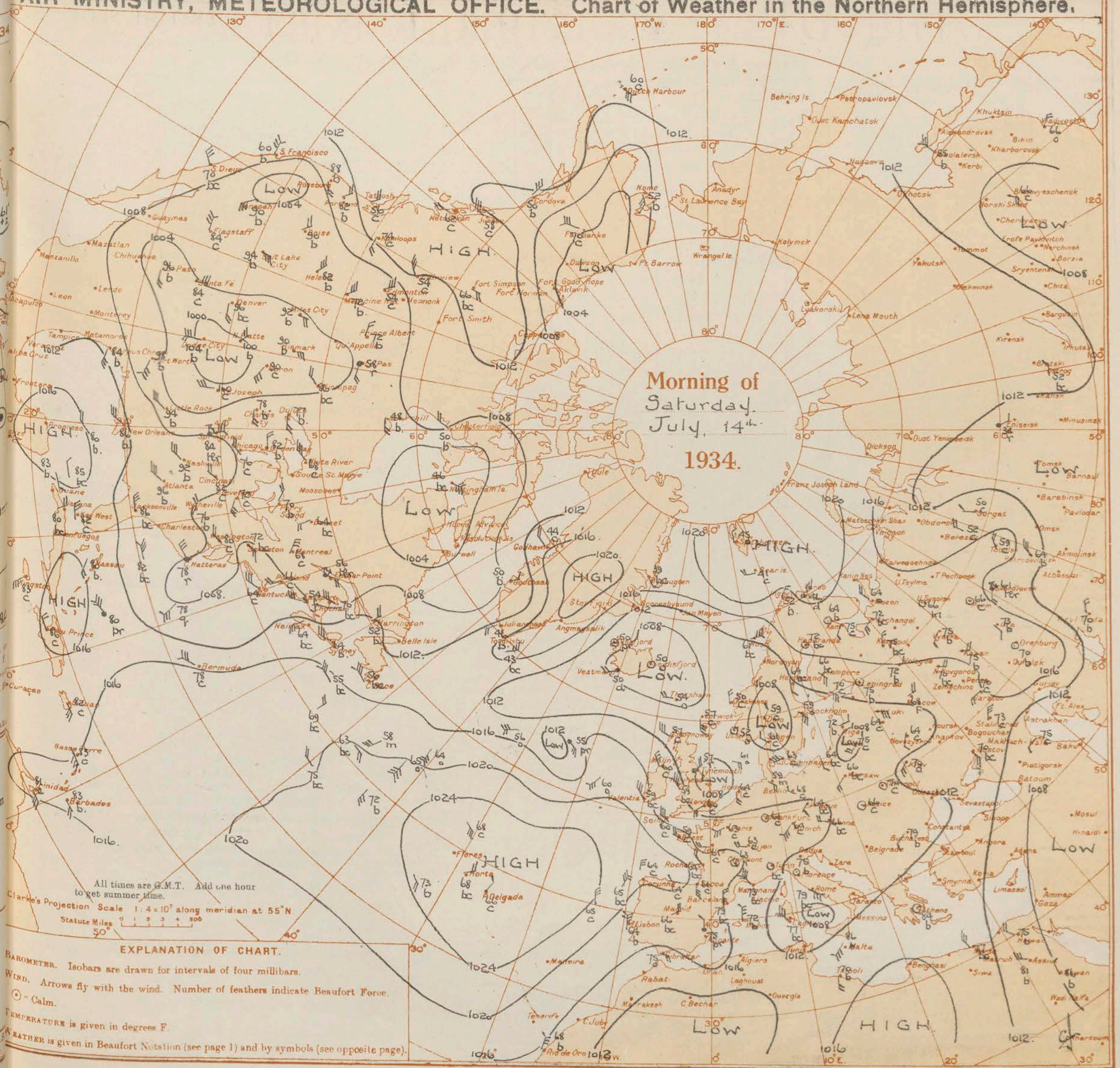
FURTHER OUTLOOK.

Rain spreading eastward to all districts.

Forecasts issued at 09.30 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, 14th July 1934.

No. 26532

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

Distr.	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	1009.6	0	SW'W	3	bc	60	85	7	5	–	–	4.6	4.6	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1003.8	-2	W	2	b	58	95	6	5	–	–	1	1	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1007.3	-4	–	0	RR	63	95	5	6	–	–	10	10	220
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1011.1	-6	WNW	3	bc	61	85	6	4	–	–	4.6	4.6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013.5	0	WNW	5	b	60	95	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1014.5	+2	NW'W	5	bc	59	85	8	8	–	–	4.6	4.6	2500
	Guernsey	175	1013.1	0	NW	2	bc	59	95	7	8	–	–	4.6	4.6	2500
6	Pembroke	142	1010.0	+12	NNE	1	c	58	95	7	5	–	–	7.8	7.8	4000
7	Holyhead	26	1010.9	+4	NW'W	4	c	57	85	7	5	–	–	9+	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1007.5	0	–	0	3o	62	95	5	5	2	–	7.8	10	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1007.3	0	E	1	ir	59	95	6	6	–	–	10	10	1500
11	Inchkeith	190	1008.6	0	SW	1	rr	58	95	6	6	–	–	10	10	800
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13b	Stornoway	34	1008.8	+6	NW	3	c	55	85	7	5	2	–	7.8	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1007.7	+4	WSW	2	ir	56	95	7	8	2	–	7.8	10	1500
16	Lerwick	54	1008.6	0	SSE	1	c	55	95	8	5	3	–	4.6	7.8	1500
17	Blacksod Point	18	1014.7	+6	–	0	bc	55	85	8	2	–	–	2.3	2.3	2500
18	Malin Head	52	1010.9	+2	N'W	2	bc	57	85	8	4	8	–	2.3	4.6	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1016.3	+6	NW	5	b	59	95	8	7	–	–	1	1	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distr.	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)	1011.0	+12	NW'N	3	bc	61	75	6	8	8	1	2-3	2-3	2500	1	*
	Croydon	1010.7	+10	W'S	2	c	60	95	6	5	7	–	9	9+	1500	1	*
	S. Farnborough	1011.0	+8	NW'W	3	bc	61	75	8	2	3	–	2-3	4-6	1500	1	*
	Boscombe Down	1011.6	+10	NW	3	c	59	85	7	5	3	–	4-6	7-8	2500	0	*
	Calshot (S'thmtn)	1011.7	+10	W	1	c	60	95	7	8	3	–	1	7-8	4000	1	1
	Dungeness	*	*	WSW	2	c/pr	*	*	6	9	–	*	9+	9+	1500	*	1
	Lympne	1010.9	+10	SW'W	2	3o	58	95	5	5	–	–	10	10	450	0	*
2	Shoeburyness	1010.0	+8	WNW	2	c	63	85	6	5	3	9	4-6	7-8	2500	1	*
	Felixstowe	1009.5	+12	WNW	3	c/r	60	95	6	5	7	–	4-6	10	1500	1	0
	Gorleston	1007.9	+8	W'S	3	rr	61	95	4	6	–	–	10	10	800	61	61
	Cranwell	1009.2	+6	SW	2	o	58	95	6	5	–	–	10	10	800	1	*
3	Birmingham	1011.1	+10	NW	4	c	56	85	7	6	3	–	7-8	9	1500	1	*
	Upper Heyford	1011.0	+6	NW'W	3	c	59	85	8	8	7	–	9+	9+	1500	1	*
4	Ross-on-Wye	1011.8	+6	NW	3	c	59	75	9	5	–	–	9	9	4000	1	*
5	Portland Bill	1012.6	+12	NNW	3	c	63	85	7	4	–	–	7-8	7-8	2500	0	3
	Plymouth	1013.7	+18	NNW	4	c	62	85	8	8	3	5	2-3	7-8	2500	1	1
	The Lizard	1014.6	+6	NW'W	4	c	61	85	8	8	3	–	4-6	9	2500	0	2
	Scilly (St. Mary's)	1015.1	+6	NW'W	3	c/p	60	85	8	8	–	4	4-6	7-8	2500	0	3
	Guernsey	1013.7	+12	W'N	4	c	61	95	7	5	–	–	7-8	7-8	4000	0	3
6	Pembroke	1012.9	+12	NNW	1	c	61	85	8	7	6	2	2-3	7-8	7200	0	1
7	Holyhead	1012.9	+12	NW'N	4	bc	59	75	8	–	3	1	0	2-3	–	0	2
	Chester (Sealand)	1011.4	+10	WNW	5	pr	57	85	7	8	–	–	9	9	1500	1	*
8	L'pool (Bidston)	1011.7	+8	WNW	5	q	57	85	8	9	3	–	4-6	7-8	2500	1	*
	Manchester	1010.0	+14	NW	3	ir	57	95	6	6	2	–	7-8	10	800	1	*
9	Harrogate	1008.4	+6	WSW	2	c	59	95	8	6	2	–	9+	10	2500	1	*
10	Spurn Head	1007.6	0	W'N	3	3o	62	95	5	5	2	–	7-8	10	800	1	2
	Catterick	1008.2	+10	NW	2	c	59	85	7	5	–	–	10	10	2500	1	*
	Tynemouth	1008.2	+8	NE	2	rr	57	95	7	6	–	–	10	10	1500	1	1
11	Inchkeith	1009.8	+18	SW	3	c	55	95	7	8	–	–	10	10	1500	1	2
	Leuchars	1009.3	+12	WNW	2	rr	57	95	7	5	–	–	10	10	450	1	*
12	Renfrew (Abbotts I)	1010.5	+16	NW'W	4	b	58	65	9	1	6	–	Tr	Tr	4000	1	*
	Eskdalemuir	1009.6	+16	NW	3	c	54	85	7	5	–	–	10	10	1500	1	*
13a	Tiree	1011.3	+8	NW	3	c	58	75	8	7	7	–	4-6	7-8	4000	0	2
13b	Stornoway	1010.6	+10	WNW	3	c	57	75	8	5	7	–	2-3	7-8	2500	1	2
15	Dalwhinnie	1011.3	+6	E	2	c	52	85	8	4	2	–	4-6	10	2500	1	*
	Aberdeen	1009.6	+14	NW	2	rr	56	95	6	6	–	–	10	10	1500	1	1
	Wick	1008.7	+8	NW	3	c	54	95	7	8	1	–	7-8	10	1500	1	2
16	Lerwick	1008.0	0	S	3	c	57	95	8	5	3	–	4-6	7-8	800	0	*
17	Blacksod Point	1015.6	+10	WNW	2	c	59	75	9	5	–	–	9	9	1500	1	2
18	Malin Head	1013.1	+8	NNW	3	c	60	75	9	8	5	–	2-3	7-8	1500	1	1
	Aldergrove	1013.4	+8	NW'W	3	c	58	85	9	8	3	1	1	9	1500	1	*
	Donaghadee	1013.4	+10	NW	3	bc	58	75	8	8	3	2	2-3	4-6	2500	0	2
19	Birr Castle	1015.7	+16	NW	1	c	55	95	8	9	–	–	9+	9+	2500	1	*
20	Valentia Obsy.†	1018.4	+6	NW'N	3	bc	59	75	8	2	–	2	2-3	4-6	1500	1	3
	Roches Point	1015.4	+16	N	4	bc	59	85	8	3	–	–	4-6	4-6	2500	1	3

PAST 24 HOURS.

Distr.	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 13h Hrs. (36)
1	London (Kew)	74	59	55	11	3	0.7
	Croydon	75	58	55	5	5	1.0
	S. Farnborough	74	54	45	13	Tr	0.5
	Boscombe Down	75	54	49	–	–	7.2
	Calshot (S'thmtn)	72	55	52	5	–	4.1
	Dungeness	69	56	*	–	1	*
	Lympne	72	55	53	2	Tr	3.1
2	Shoeburyness	73	59	57	12	Tr	0.1
	Felixstowe	68	60	59	21	9	0.0
	Gorleston	63	61	60	4	55	0.0
	Cranwell	67	57	57	5	2	0.0
3	Birmingham	70	54	51	5	1	0.7
	Upper Heyford	71	55	51	4	6	*
4	Ross-on-Wye	73	57	53	10	–	2.5
5	Portland Bill	66	59	*	–	–	*
	Plymouth	70	60	57	0.4	–	5.6
	The Lizard	69	59	*	–	–	*
	Scilly (St. Mary's)	69	58	*	0.6	–	9.7
	Guernsey	70	59	56	–	–	6.3
6	Pembroke	66	54	*	–	–	8.6
7	Holyhead	63	56	54	Tr.	0.2	0.2
	Chester (Sealand)	67	56	54	4	3	0.4
8	L'pool (Bidston)	63	56	53	4	3	0.0
	Manchester	67	57	56	Tr.	1	0.0
9	Harrogate	66	58	57	6	–	0.1
10	Spurn Head	63	60	*	0.6	2	0.2
	Catterick	67	59	58	4	2	0.0
	Tynemouth	62	57	56	8	10	*
11	Inchkeith	65	55	54	1	10	0.8
	Leuchars	66	56	55	Tr.	9	0.1
12	Renfrew (Abbotts I)	70	53	50	5	0.4	~~0.4~~
	Eskdalemuir	62	54	52	7	4	0.0
13a	Tiree	63	54	43	1	–	5.3
13b	Stornoway	60	53	*	4	3	0.0
15	Dalwhinnie	68	50	42	15	6	0.6
	Aberdeen	65	56	56	–	4	~~0.7~~ 0.2
	Wick	62	53	*	–	2	*
16	Lerwick	63	54	*	–	–	10.8
17	Blacksod Point	66	54	*	Tr.	5	*
18	Malin Head	61	55	*	0.6	0.3	2.6
	Aldergrove	61	47	40	44	1	0.0
	Donaghadee	69	53	*	1	–	*
19	Birr Castle	74	54	52	0.3	4	7.6
20	Valentia Obsy.†	64	55	51	1	Tr	0.4
	Roches Point	70	57	*	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. (To-day.)
Kew	18	ctlp	ctlrc	ctlrbc	74	59	55	11	3	0.7	*	*	8
Croydon	217	cm3opr	ctlrqrr	tlrbcc	75	58	55	5	5	1.0	*	*	
Greenwich (Royal Observatory)	149	c	crtlr	crtlrbc	79	58	54	2	4	0.6	93	73	6
City (Bunhill Row)	—				*	*	*	*	*	0.6	*	*	*
Westminster (St. James' Park)	27	*	*	*	74	59	56	5		0.4	82	67	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	74	59	56	Tr	3	0.4	84	73	*
Camden Square	110	c	cptlc	*	74	60	57	Tr	1	*	*	70	*
Kensington	80	bcctlrc	cp	*	74	58	54	1	7	0.3	At 18h. 88	71	*
Hampstead Observatory	450	cptl	or	or	71	57	55	1	2	0.2	*		*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	8h 13h	<0.3	10h 13h to 4h 14h

Kew Observatory. Max.	Time.	Min.	Time.
0.1	24h 13h	<0.1	11h 13h

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 13th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 14th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1011.5	WSW	3	c/p	68	1013.3	WSW	4	c	63	77	59	2	1
Brussels	1009.1	SW	3	pr	68	1010.7	SW	3	o/r	59	73	57	0.1	3
Berlin	1006.5	WSW	1	bc	73	1011.4	WNW	1	c	68	73	55	Tr	–
Zürich	1012.8	WSW	3	c	70	1014.4	S	2	c	64	77	59	9	–
Rome						1009.4	SE	4	bc	79	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	1½ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 15th JULY 1934.

No. 26533

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

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)	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)	1012.3	+4	NW	2	c	67	45	8	8	-	-	9+	9+	1500
	Croydon	1012.2	+6	WS	3	c	67	65	8	7	3	-	7-8	9	2500
	S. Farnborough	1012.2	+2	WNW	4	bc	71	45	8	7	4	-	4-6	4-6	4000
	Boscombe Down	1013.2	+14	NW	4	c	66	55	8	5	3	-	9	9+	5700
	Calshot, S'thmtn	1012.8	+4	NWW	5	c	68	55	8	7	4	-	7-8	7-8	4000
	Dungeness	*	*	SW	3	pr	*	*	6	8	-	*	9	9	1500
	Lympne	1012.3	+8	SSE	2	pr$_o$	64	85	7	8	-	-	9+	9+	2500
2	Shoeburyness	1011.6	+10	W	3	c	68	75	6	7	-	-	7-8	7-8	2500
	Felixstowe	1011.3	+6	WN	3	c	64	75	7	5	2	-	9	10	1500
	Gorleston	1010.0	+6	SWW	2	c	66	75	6	8	-	-	9+	9+	2500
	Cranwell	1011.4	+12	NWW	4	z$_o$	63	75	6	5	-	-	10	10	1500
3	Birmingham	1013.0	+12	NNW	4	c	64	55	8	5	3	-	2-3	7-8	2500
	Upper Heyford	1012.9	+6	NW	5	c	67	55	8	7	-	-	7-8	7-8	2500
4	Ross-on-Wye	1013.5	+8	WNW	3	bc	71	45	9	5	5	-	4-6	4-6	4000
5	Portland Bill	1014.2	+16	WNW	3	bc	68	75	8	4	-	-	2-3	2-3	2500
	Plymouth	1015.5	+8	WNW	3	c	69	65	8	7	3	1	7-8	7-8	4000
	The Lizard	1016.4	+14	WNW	4	bc	67	75	8	1	3	-	2-3	2-3	4000
	Scilly (St. Mary's)	1015.2	+16	NNW	5	c	66	75	7	2	6	-	4-6	7-8	4000
	Guernsey	1016.0	+10	NW	5	bc	67	75	8	5	8	-	2-3	4-6	4000
6	Pembroke	1015.4	+14	NW	2	c	64	55	8	4	-	-	9	9	5700
7	Holyhead	1015.2	+14	WNW	4	c	63	75	8	7	4	-	7-8	7-8	5700
	Chester (Sealand)	1016.4	+6	NWW	5	bc	63	65	9	1	4	-	1	2-3	4000
8	L'pool (Bidston)	1014.3	+8	WNW	6	q	61	75	9	7	-	-	1	1	2500
	Manchester	1012.8	+14	NW	5	bc	66	55	8	1	4	-	1	4-6	2500
9	Harrogate	1011.3	+14	W	2	c	59	75	8	5	-	-	9+	9+	4000
10	Spurn Head	1009.5	+4	NWW	5	c	67	85	6	5	2	-	7-8	9+	2500
	Catterick	1011.2	+14	NW	3	ir$_o$	59	75	7	6	2	-	7-8	10	2500
	Tynemouth	1010.6	+16	NW	2	rr	58	95	6	6	-	-	10	10	1500
11	Inchkeith	1011.9	+6	NE	2	c	59	95	8	8	-	-	9+	9+	2500
	Leuchars	1012.1	+12	W	1	rr	57	95	5	6	2	-	9+	10	450
12	Renfrew (Abbotts I.)	1012.0	+10	WNW	4	bc	64	55	9	2	-	1	4-6	4-6	4000
	Eskdalemuir	1010.9	+10	NW	1	c	66	55	8	8	7	-	7-8	7-8	2500
13A	Tiree	1014.0	+10	NWW	3	bc	63	65	9	7	6	-	2-3	4-6	4000
13B	Stornoway	1011.9	+6	W	2	c	61	65	8	8	6	-	4-6	9+	1500
15	Dalwhinnie	1012.1	+6	N	2	c	60	55	8	4	1	-	2-3	9	4000
	Aberdeen	1011.7	+12	WNW	3	rr$_o$	59	85	7	9	1	-	7-8	10	800
	Wick	1010.5	+10	WNW	4	c	60	75	8	8	6	-	4-6	7-8	1500
16	Lerwick	1009.5	+8	SW	1	r$_o$r$_o$	56	95	6	5	-	-	10	10	450
17	Blacksod Point	1017.1	+6	W	4	bc	62	75	9	2	3	-	4-6	4-6	2500
18	Malin Head	1014.9	+8	WN	3	c	62	75	9	2	8	-	2-3	7-8	1500
	Aldergrove	1014.8	+8	NW	3	c/pr	64	65	9	8	-	-	7-8	7-8	2500
	Donaghadee	1014.4	+8	-	0	c/pr	59	85	8	9	-	-	7-8	7-8	1500
19	Birr Castle	1017.1	+6	NW	2	c	65	55	8	8	-	-	9+	9+	2500
20	Valentia Obsy.	1020.1	+10	NWW	3	c	63	75	8	8	3	-	7-8	7-8	2500
	Roches Point	1017.7	+12	N	3	bc	64	65	8	3	-	-	4-6	4-6	2500

OBSERVATIONS at 18h. G.M.T. 14th July — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 14th (37)	Weather 13h.–18h. 14th (38)	Weather 18h. 14th to 1h. 15th (39)	Weather 1h.–7h. 15th (40)
London (Kew)	1013.9	+10	NW	2	c	70	45	8	5	-	-	7-8	7-8	2500	1	*	cy	cy	cyby	b
Croydon	1013.9	+10	NW	4	c	69	45	8	7	3	-	4-6	7-8	4000	1	*	cm$_o$c	cy	bcyb	b
S. Farnborough	1014.0	+8	NWN	2	c	69	45	8	7	3	-	7-8	7-8	5700	1	*	cbcy	bcycy	cybcb	bw
Boscombe Down	1014.4	+10	NW	4	c	70	55	8	8	-	-	7-8	7-8	4000	0	*	c	cjp	cb	bbc
Calshot, S'thmtn	1014.1	+8	WN	3	bc	71	55	8	8	3	-	2-3	4-6	4000	0	1	bccy	bcyv	bcyb	b
Dungeness	*	*	NW	2	c	*	*	6	4	-	*	7-8	7-8	2500	*	1	p	bc	*	bc
Lympne	1014.0	+10	NW	4	c	66	55	7	7	6	-	4-6	7-8	4000	1	*	crrp.p$_o$	cprm$_o$y	cprb	bwb
Shoeburyness	1013.6	+14	NW	1	pr	60	95	5	6	1	-	7-8	9	450	1	*	cm$_o$	cm$_o$	prbc	b
Felixstowe	1012.9	+10	W'N	2	id$_o$	64	75	6	5	-	-	10	10	800	1	1	cx$_o$	c	cd$_o$r$_o$	bc
Gorleston	1011.3	+8	W	3	o	65	75	6	6	-	-	10	10	1500	1	1	orir$_o$	cz$_o$	opr$_o$c	c
Cranwell	1013.4	+12	NW	2	c	64	65	8	8	7	-	7-8	9	2500	1	*	om$_o$z$_o$	c	cb	b
Birmingham	1014.7	+8	NNW	3	bc	66	55	8	1	3	-	1	2-3	2500	1	*	c	bc	b	b
Upper Heyford	1014.3	+8	NW	4	bc	68	55	9	7	3	-	2-3	2-3	4000	1	*	cbc	cbcqyv	bcb	bbcw
Ross-on-Wye	1015.2	+14	NNW	3	bc	69	55	9	8	-	-	4-6	4-6	4000	0	*	cv	bcvy	bcvb	bwbc
Portland Bill	1015.4	+12	W	3	bc	65	75	8	2	4	-	2-3	4-6	2500	0	3	bc	bc	bcb	bbc
Plymouth	1017.2	+10	NW	4	bc	66	75	8	8	3	-	4-6	4-6	2500	0	1	bcc	cpr bc	bcb	bwc
The Lizard	1018.3	+12	NWW	5	bc	63	75	8	8	-	-	2-3	2-3	2500	0	3	cbc	bc	bcb	b,c
Scilly (St. Mary's)	1020.1	+8	NW	5	bc	64	75	8	1	-	3	2-3	4-6	4000	0	3	bc	bcc bc	bcb	bbcc
Guernsey	1017.4	+8	WN	5	bc	65	75	8	-	3	1	0	4-6	-	0	3	cbc	bcc bc	bcw	bc
Pembroke	1016.2	+2	NW	1	bc	63	75	8	7	6	-	2-3	4-6	5700	0	1	cy	cbc	bc	cpr$_o$c
Holyhead	1016.1	+4	W	3	bc	65	55	8	7	3	-	1	2-3	5700	0	2	bbccv	cbc vy	bcyb c	bcir$_o$
Chester (Sealand)	1015.7	+6	NWW	5	b	63	65	9	7	-	1	1	1	4000	1	*	cbc	bc bv	bcvw	bcvw
L'pool (Bidston)	1015.9	+4	WNW	5	b	63	65	9	1	-	-	1	1	4000	0	*	cbc bqv	qbv	bc	bcv
Manchester	1014.8	+8	NWN	5	q	65	45	8	1	-	1	1	1	4000	0	*	crpc	bc qbv	bvm$_o$w	bm$_o$w
Harrogate	1012.6	+6	NNE	2	bc	65	75	8	5	-	-	4-6	4-6	4000	1	*	c	cbc r$_o$	bcb	b
Spurn Head	1012.2	+6	N	4	c	61	95	6	5	2	-	7-8	9+	1500	0	3	zc	o	cbc	bc
Catterick	1012.5	+4	ENE	1	c	63	75	7	8	5	-	7-8	7-8	2500	1	*	cir$_o$	cir$_o$c	cb	b
Tynemouth	1012.2	+10	NNW	3	o/r	59	95	7	6	-	-	10	10	1500	1	1	orr	orr	oc	cbc
Inchkeith	1012.9	+8	NE	1	c	58	95	8	8	-	-	9+	9+	2500	0	1	z$_o$rrc	c	c	c
Leuchars	1013.4	+8	ESE	2	c	59	85	8	7	-	-	9	9	2500	1	*	orrm$_o$	orrm$_o$c	bccrc	cbbc
Renfrew (Abbotts I.)	1013.1	+6	WN	4	b	64	55	9	1	-	-	1	1	4000	0	*	cy	bcby	bybc	bccr$_o$
Eskdalemuir	1012.5	+6	WNW	4	b	63	55	8	8	-	-	1	1	2500	1	*	cbcy	cyby	byb	b,c
Tiree	1014.6	0	WS	2	c	61	65	9	7	6	-	4-6	7-8	4000	0	2	cprbc	bcc	c	cir
Stornoway	1012.6	+2	WNW	3	c	63	55	9	8	7	-	4-6	7-8	1500	1	1	c	cy	c	cir
Dalwhinnie	1013.6	+8	N	3	c	59	65	8	4	1	-	4-6	9	4000	0	.	c	c	*	ir$_o$
Aberdeen	1013.3	+8	E	1	c/r	58	85	8	9	7	-	4-6	9+	1500	1	1	cr$_o$r$_o$	cr$_o$r$_o$	c	c
Wick	1013.2	+6	NW	3	c	60	85	8	7	1	-	4-6	7-8	2500	0	1	c	c	cpr$_o$c	c
Lerwick	1011.4	+12	W	1	c/d	55	95	6	5	2	-	4-6	9+	800	1	*	cor$_o$m$_o$	orrcidm	cid$_o$	cbcw
Blacksod Point	1016.1	-2	SW	4	bc	62	75	9	2	3	-	2-3	4-6	2500	0	2	pr$_o$c	cbc	cprc	prc
Malin Head	1015.4	+2	W	3	c	61	75	9	8	-	-	9+	9+	1500	0	1	c	c	cr$_o$r	cr$_o$r
Aldergrove	1016.1	+8	WNW	3	c	62	65	9	8	-	-	7-8	7-8	2500	1	*	cv pr$_o$	cv	cvc	corrd$_o$
Donaghadee	1015.4	+4	-	0	bc	60	75	8	8	3	-	4-6	4-6	2500	0	0	cpr$_o$c	bbc	c	cpr$_o$c
Birr Castle	1017.6	+2	NW	3	c	63	65	8	8	-	-	9+	9+	2500	0	*	cy	c	c	coir
Valentia Obsy.	1020.4	-2	W	3	c	63	75	8	8	3	6	4-6	7-8	2500	0	2	bcc	c	cpr$_o$	cir$_o$
Roches Point	1018.6	0	N	3	bc	66	75	8	3	-	-	4-6	4-6	2500	0	3	bc	bc	bcc	cr$_o$r$_o$

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.
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.

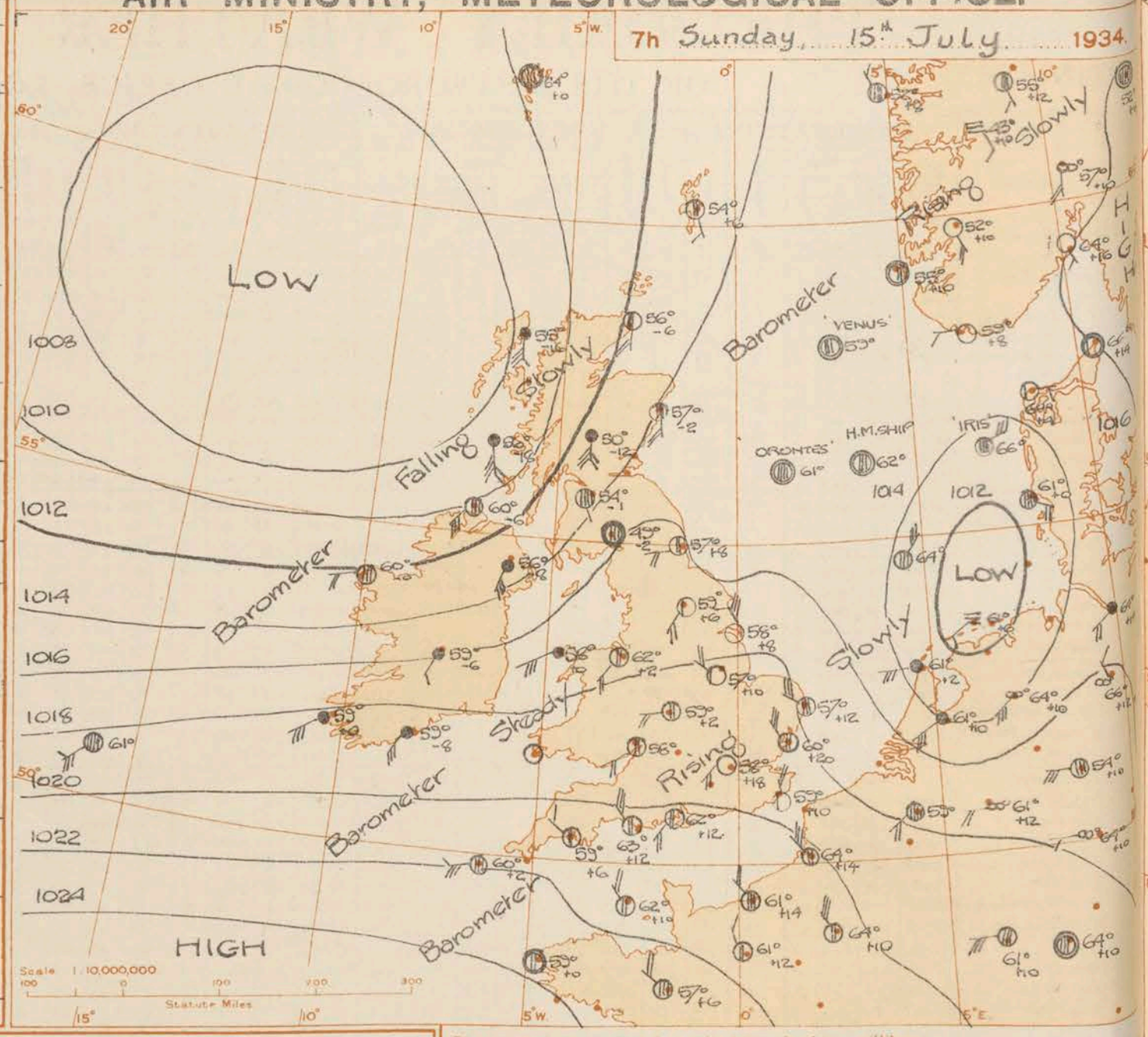
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London. W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Sat. 14th JULY 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	bco	bco	55	69	0·3	-	4·3	0·8
	Bournemouth	bcbcc	bcbcb	57	77	-	-	7·2	10·0
	Ventnor ...	cbbc	bcbcu	59	73	-	Trace	9·5	5·4
	Southsea ...	bc	bcc	58	72	-	-	3·1	3·6
	Bognor Regis	bccbc	bcbcc	57	72	-	-	5·2	3·4
	Littlehampton	cbc	bc	57	73	-	-	3·0	2·8
	Worthing ...	bcc	cbcc	57	72	-	-	3·8	1·1
	Brighton ...	cbc	bc	59	73	-	-	4·2	1·4
	Eastbourne†	c	co	60	70	0·3	-	3·6	2·6
	Hastings† ...	bccbc	bcc	56	71	1	-	2·6	3·1
	Folkestone ...	omir	oir	59	67	1	1	0·4	3·3
	Dover... ...	mobcc	cbc	60	67	0·6	Trace	1·4	2·3
	Deal	cop	orc	59	68	Trace	7	0·7	2·5
	Ramsgate ...	c	dc	59	68	1	0·3	1·2	0·1
	Margate ...	c	cbc	60	69	0·3	-	1·5	0·2
2	Southend ...	cbc	c	60	72	0·3	-	4·6	0·1
	Maldon	c	bcc	60	69	10	-	2·4	0·2
	Clacton-on-Sea	c	c	60	68	11	-	0·3	0·3
	Dovercourt ...	rbcc	oc	59	66	9	-	0·4	0·2
	Lowestoft ...	co	c	60	69	28	-	0·5	0·0
	Skegness ...	odo	o	59	69	1	Trace	1·5	0·0
	Mablethorpe	o	cod	59	68	1	Trace	0·2	0·0
	Cleethorpes...	oco	circo	59	67	1	Trace	0·4	0·0
3	Leamington S.	bcb	b	54	71	51	-	6·7	0·1
4	Cheltenham†	cbc	cbcc	57	78	3	Trace	7·3	0·0
5	Bath	cbc	cbc	59	73	-	-	4·0	7·6
	Weymouth ...	by	by	59	76	-	-	11·0	9·0
	Jersey ...	rcbc	bcc	60	68	1	-	5·5	3·3
	Torquay ...	bv	bbcbv	60	74	-	-	8·6	7·5
	Penzance ...	cbcb	cb	59	71	0·4	-	7·2	8·9
	St. Ives ...	b	c	60	67	-	-	5·9	9·0
	Bude	rbc	bc	63	69	0·3	?	1·8	10·2
	Ilfracombe ...	b	b	59	66	-	-	10·1	8·4
6	Aberystwyth	bc	bc	58	66	-	-	9·1	0·8
7	Llandudno ...	b	bcb	57	65	0·1	-	9·0	0·0
	Colwyn Bay...	bcbcb	bcbcb	56	68	-	-	8·3	0·0
	Rhyl	bcb	b	57	66	Trace	-	9·1	0·2
8	Wallasey ...	cbcb	b	57	65	3	-	7·3	0·0
	Southport‖ ...	cb	b	56	68	2	-	7·3	0·2
	Blackpool ...	cbc	bcb	57	66	3	-	9·5	0·4
	Morecambe ...	bbcbc	bcbbc	57	66	2	-	8·8	0·0
9	Ilkley	gcbc	bc	58	72	0·5	-	3·7	0·0
10	Berwick-on-T.	ogG	gRo	57	59	Trace	10	0·0	0·0
11	Dunbar ...	crr	c	54	59	16	8	0·1	0·0
12	Troon... ...	bbvbv	bcbv	54	64	0·5	-	12·2	0·0
	Douglas ...	bcg	bc	54	65	Trace	-	10·7	2·4

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



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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th July, 1934.
1 S.E. England 2. E. England ... 3. E. Midlands 4. W. Midlands	Light or moderate westerly wind backing to southwest. Fair at first, rain later; average temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate southwesterly wind; cloudy, occasional rain; average temperature.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland 14. Mid Scotland	Moderate to fresh southerly wind, veering southwest; cloudy, occasional rain; average temperature.
15. N.E. Scotland 16. Orkneys and Shetlands	Light southerly or variable wind; veering and freshening; cloudy, occasional rain; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to fresh south to southwest wind; cloudy occasional rain or drizzle; average temperature.

GENERAL INFERENCE.

A feeble wedge of high pressure over England and a depression west of Scotland are moving eastwards. Rain in the west is likely to spread eastwards to most districts.

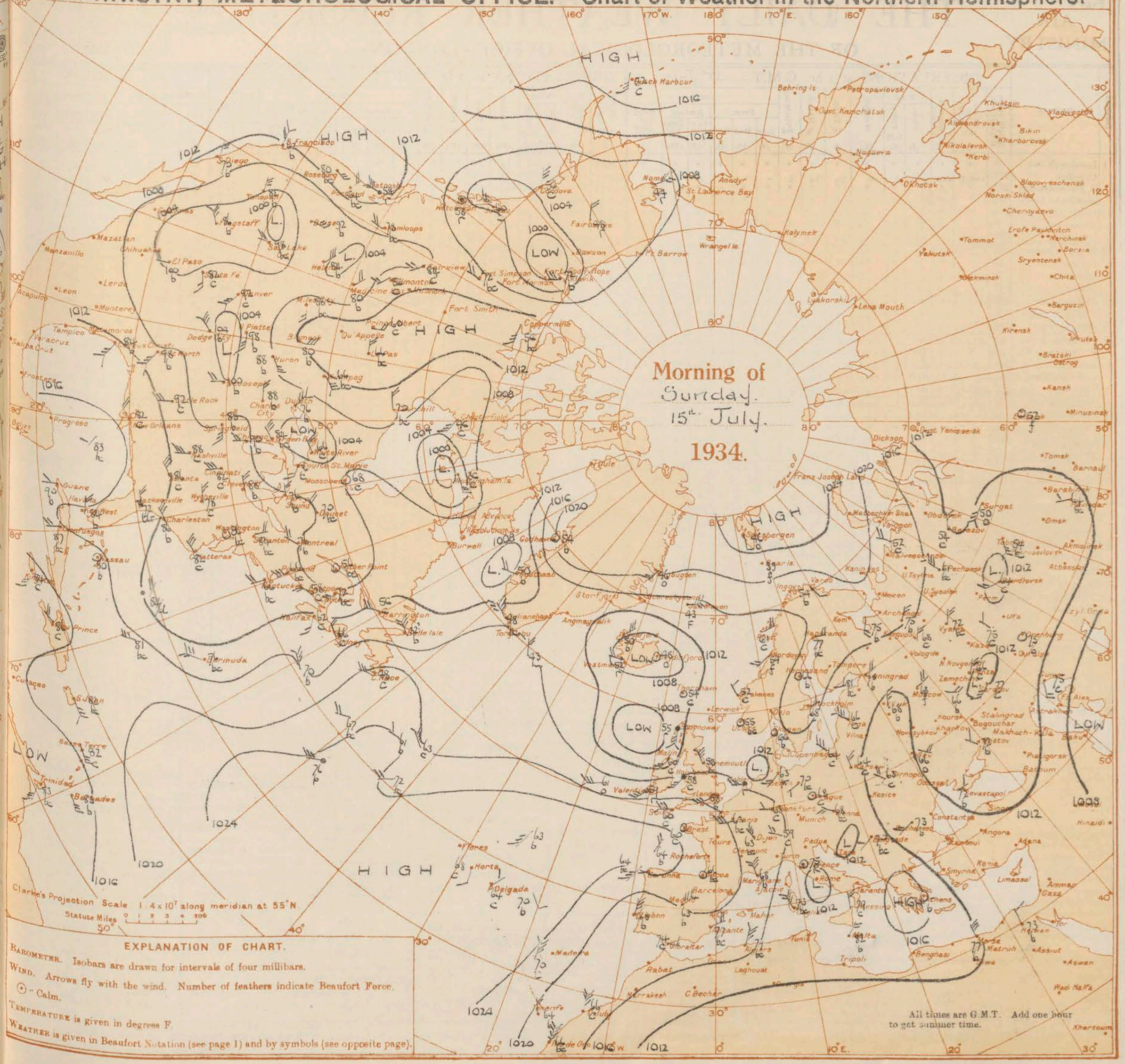
FURTHER OUTLOOK.

Rather unsettled.

Forecasts issued at 1130 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

Sunday, 15th JULY 1934.

No. 26533

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

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	1018·0	+14	W'S	1	b	56	75	8	–	–	0	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1017·6	+10	NW	3	b	55	75	8	–	3	–	0	Tr	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1014·1	+6	W'N	3	c	60	85	6	5	–	–	3	3	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1018·0	+14	NW	3	b	60	85	8	–	–	–	0	0	–
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1021·9	+4	NW'W	3	b	58	95	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1022·3	+6	NW'W	4	b	53	85	8	7	–	–	1	1	4000
	Guernsey	175	1020·6	+14	NNW	2	bc	59	85	8	8	–	–	4·6	4·6	2500
6	Pembroke	142	1018·6	+4	NW	2	bc	60	85	7	5	–	–	2·3	2·3	4000
7	Holyhead	26	1017·8	+2	WSW	3	bc	59	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	1015·2	+4	NW	4	bc	58	85	7	–	2	–	0	4·6	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1014·8	+4	W	2	c	56	95	6	6	–	–	7·8	7·8	1500
11	Inchkeith	190	1014·9	+14	SW	1	c	53	85	8	5	2	–	4·6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1012·5	–6	S	2	c	55	85	8	5	6	–	4·6	7·8	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1014·2	0	SSW	2	c	51	95	8	8	1	–	4·6	7·8	1500
16	Lerwick	54	1012·8	+12	W	1	c	53	95	8	5	7	–	4·6	7·8	1500
17	Blacksod Point	18	1014·0	–14	SW	4	rr	59	95	7	8	–	–	10	10	800
18	Malin Head	52	1013·8	–12	S	3	rr	56	95	7	6	–	–	10	10	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1019·2	–10	S'W	3	d.d	60	95	5	3	–	–	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1019·6	+10	SW'W	2	b	59	75	8	–	4	–	0	1	–	1	*
	Croydon	1019·7	+18	WSW	2	b	58	75	8	–	–	1	0	Tr	–	1	*
	S. Farnborough	1019·8	+6	WNW	2	b	59	75	8	–	–	4	0	1	–	1	*
	Boscombe Down	1019·7	+6	W'N	1	bc	60	85	8	–	–	2	0	4·6	–	0	*
	Calshot (S'thmtn)	1020·2	+12	SW	2	bc	62	65	8	–	–	1	0	2·3	–	0	1
	Dungeness	*	*	NW	2	bc	*	*	7	7	–	*	2·3	2·3	4000	*	1
	Lympne	1019·1	+10	NW	2	b	59	75	8	–	8	–	0	Tr	–	1	*
2	Shoeburyness	1019·0	+10	WNW	2	b	60	85	7	–	–	–	0	0	–	1	*
	Felixstowe	1017·8	+20	NNW	3	bc	60	75	7	–	3	–	0	2·3	–	1	1
	Gorleston	1016·2	+12	WNW	3	c	57	85	6	4	3	–	2·3	7·8	2500	1	2
	Cranwell	1018·1	+10	WNW	2	b	57	75	7	–	–	1	0	Tr	–	1	*
3	Birmingham	1018·9	+2	W	2	bc	59	75	8	–	4	1	0	2·3	–	1	*
	Upper Heyford	1019·2	+10	W	2	bc	61	75	8	–	–	5	0	2·3	–	0	*
4	Ross-on-Wye	1018·8	0	SW'W	2	bc	58	75	8	4	–	5	Tr	4·6	4000	0	*
5	Portland Bill	1020·9	+12	NW	3	bc	63	85	8	5	–	1	2·3	4·6	2500	0	2
	Plymouth	1021·4	+6	WNW	1	c	59	95	8	8	5	6	1	7·8	1500	0	0
	The Lizard	1021·7	+2	WSW	3	c	61	85	8	4	6	–	7·8	9	2500	0	2
	Scilly (St. Mary's)	1022·0	+2	W	4	c	60	85	8	8	7	–	4·6	9	2500	0	2
	Guernsey	1021·6	+10	NW	2	bc	62	85	8	1	8	–	2·3	4·6	4000	0	2
6	Pembroke	1018·8	0	WNW	3	c	60	85	7	9	–	–	7·8	7·8	2500	0	2
7	Holyhead	1017·1	0	SW'W	3	rc	58	85	8	5	7	–	4·6	9+	4000	0	1
	Chester (Sealand)	1017·9	+2	WSW	2	bc	62	75	8	–	4	1	0	4·6	–	1	*
8	L'pool (Bidston)	1018·6	0	WSW	3	bc	60	75	9	7	5	–	2·3	4·6	2500	0	*
	Manchester	1017·9	+4	–	0	b	56	85	6	–	4	–	0	Tr	–	0	*
9	Harrogate	1016·8	+6	SW	2	b	59	75	9	–	4	–	0	Tr	–	1	*
10	Spurn Head	1016·5	+8	NW	4	bc	58	85	7	–	1	9	0	2·3	–	0	3
	Catterick	1016·6	+6	WNW	2	b	61	65	8	–	3	–	0	1	–	1	*
	Tynemouth	1015·7	+8	W	2	bc	57	75	7	2	–	1	2·3	2·3	2500	1	1
11	Inchkeith	1015·4	+4	SW	1	c	54	95	8	2	7	–	2·3	9	2500	0	1
	Leuchars	1015·1	+2	SW	1	cjp	56	85	8	5	7	–	2·3	7·8	2500	1	*
12	Renfrew (Abbotts I)	1013·9	–8	SE	1	c/fg	54	85	7	5	2	–	4·6	10	2500	1	*
	Eskdalemuir	1016·2	–2	–	0	c	49	85	8	5	2	–	7·8	9+	1500	1	*
13A	Tiree	1008·8	–18	S'E	5	RR	56	95	6	6	–	–	10	10	800	1	4
13B	Stornoway	1008·8	–16	S	4	ir	55	95	6	8	7	–	7·8	9+	800	1	2
15	Dalwhinnie	1012·9	–12	S	5	ir	50	85	8	4	2	–	2·3	10	2500	1	*
	Aberdeen	1014·4	–2	S	2	c	57	85	8	8	3	–	4·6	7·8	800	1	1
	Wick	1012·7	–6	S	2	c	56	95	8	8	3	1	4·6	7·8	1500	0	2
16	Lerwick	1013·9	+6	SSE	1	bc	54	95	8	1	3	–	1	2·3	1500	0	*
17	Blacksod Point	1012·9	0	W	2	c	60	95	7	5	–	–	10	10	800	1	2
18	Malin Head	1010·5	–6	SW	3	c	60	95	8	8	–	–	9+	9+	1500	1	1
	Aldergrove	1013·9	–8	S'W	3	id.	56	95	7	5	–	–	10	10	450	1	*
	Donaghadee	1014·1	–8	SW	3	c	59	85	7	5	–	–	9	9	1500	1	2
19	Birr Castle	1015·8	–6	SW	1	ir	59	95	7	6	–	–	10	10	2500	1	*
20	Valentia Obsy.†	1018·1	0	SW'W	3	rc	59	95	7	5	–	–	10	10	1500	1	3
	Roches Point	1018·1	–8	SW	3	r.c	59	95	7	6	–	–	9	9	1500	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 14th Hrs. (36)
1	London (Kew)	71	53	42	–	–	~~4·3~~
	Croydon	70	53	47	–	–	4·6
	S. Farnborough	72	47	35	–	–	7·0
	Boscombe Down	72	50	42	–	–	8·4
	Calshot (S'thmtn)	73	53	49	Tr.	–	6·3
	Dungeness	71	47	*	0·2	Tr	*
	Lympne	68	51	46	3	0·4	0·7
2	Shoeburyness	70	50	47	1	2	4·6
	Felixstowe	66	55	54	Tr.	Tr	0·1
	Gorleston	68	54	53	0·4	Tr	0·6
	Cranwell	66	50	47	(0·1)	–	1·0
3	Birmingham	69	52	49	–	–	6·4
	Upper Heyford	70	51	42	–	–	*
4	Ross-on-Wye	72	48	41	–	–	7·5
5	Portland Bill	70	58	*	–	–	*
	Plymouth	71	55	46	0·6	–	6·7
	The Lizard	69	57	*	–	–	*
	Scilly (St. Mary's)	67	56	*	1	–	10·4
	Guernsey	69	58	54	–	–	8·8
6	Pembroke	66	56	*	–	(–)	7·4
7	Holyhead	66	56	53	–	Tr	12·4
	Chester (Sealand)	65	47	38	–	–	9·1
8	L'pool (Bidston)	63	56	52	–	–	8·8
	Manchester	68	39	30	0·1	–	~~1·3~~
9	Harrogate	65	49	44	Tr.	–	~~2·4~~
10	Spurn Head	68	55	*	–	–	2·3
	Catterick	63	46	40	0·2	–	1·4
	Tynemouth	60	51	49	22	–	*
11	Inchkeith	63	52	48	3	–	3·5
	Leuchars	~~64~~ 61	49	42	11	3	0·8
12	Renfrew (Abbotts I)	68	43	39	–	0·4	14·8
	Eskdalemuir	68	40	32	–	–	7·6
13A	Tiree	63	55	44	Tr.	4	6·1
13B	Stornoway	64	53	*	–	2	5·4
15	Dalwhinnie	65	38	32	–	0·2	2·2
	Aberdeen	60	54	46	2	–	0·2
	Wick	61	49	*	–	Tr	*
16	Lerwick	57	50	*	2	0·1	0·1
17	Blacksod Point	64	57	*	(–)	(–)	*
18	Malin Head	64	55	*	–	2	5·0
	Aldergrove	67	54	49	Tr.	1	5·9
	Donaghadee	63	52	*	0·2	0·3	*
19	Birr Castle	68	56	49	–	2	5·8
20	Valentia Obsy.†	64	57	55	–	3	6·7
	Roches Point	68	58	*	–	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	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cy	cy	cyb r b	71	53	42	–	–	3·9 ~~4·3~~	*	*	8
Croydon	217	c m c	cy	b c y b	70	53	47	–	–	4·6	*	*	8
Greenwich (Royal Observatory)	149	c	c p y	c b y	71	52	43	Tr	–	1·9	57	54	8
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	70	53	45	–		2·6	51	53	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*						1·8			*
Camden Square	110	c	c	*	69	54	47	–	–	*	*	50	*
Kensington	80	b c	b c	*	70	53	43	–	–	3·0	At 18h. 51	54	*
Hampstead Observatory	450	c c l	c	b c	69	50	48	–	–	2·6	*	65	*

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	Whole period		

Kew Observatory Max.	Time.	Min.	Time.
0·1	10h 14m	<0·1	19h 14m

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 14th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 15th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1014·2	WSW	3	c/pr	66	1019·5	WNW	3	bc	63	73	57	Tr	–
Brussels	1012·4	–	0	id.	64	1017·2	WSW	2	c	59	73	55	2	1
Berlin	1011·8	–	0	bc	75	1015·4	W	1	3o	70	79	61	–	–
Zürich	1015·8	SSE	1	?	61	1017·4	WNW	3	c	59	72	57	2	0·2
Rome	1010·3	SW	4	c	77						*	*	–	

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16. Stm.
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 3, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 „
2	Fog	550 „
3	Moderate fog	1,100 „
4	Mist or haze	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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 16th July 1934.

No. 26534

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

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)	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)...	1019.8	-4	W	3	c	73	45	8	5	-	-	7-8	7-8	2500
	Croydon ...	1019.8	-2	WSW	3	c	72	45	8	8	3	1	7-8	7-8	4000
	S. Farnborough	1019.8	-4	WSW	4	c	74	45	9	7	3	1	4-6	7-8	4000
	Boscombe Down	1020.1	0	W	3	c	68	65	8	5	-	-	9+	9+	4000
	Calshot, S'thmtn	1021.0	+4	SWS	4	c	66	75	8	8	4	-	4-6	7-8	4000
	Dungeness ...	*	*	SW	4	c	*	*	7	4	-	*	7-8	7-8	2500
	Lympne ...	1020.8	+6	SW	4	c	68	65	8	8	3	-	4-6	7-8	4000
2	Shoeburyness	1019.5	0	WSW	2	c	71	75	8	7	-	-	7-8	7-8	2500
	Felixstowe ...	1019.3	+6	WN	2	bc	72	45	8	8	-	1	4-6	4-6	4000
	Gorleston ...	1018.2	+6	N	3	bc	70	45	7	1	-	-	4-6	4-6	4000
	Cranwell ...	1018.0	-2	SWW	3	c	72	45	8	8	3	9	7-8	9	4000
3	Birmingham ...	1019.3	+4	WSW	3	c	64	75	8	6	-	-	9+	9+	1500
	Upper Heyford	1019.6	0	W	4	c	69	55	8	7	-	-	9+	9+	4000
4	Ross-on-Wye ...	1019.4	+10	WSW	2	c	64	75	8	5	-	-	10	10	2500
5	Portland Bill...	1021.5	+8	WSW	4	c	62	85	7	5	4	-	4-6	7-8	2500
	Plymouth ...	1022.2	+2	SWW	4	c	62	95	8	9	7	-	7-8	9+	1500
	The Lizard ...	1023.1	0	SWW	3	pr0	63	85	7	8	2	-	10	10	1500
	Scilly (St. Mary's)	1022.6	0	WS	4	c/d	64	85	8	8	7	-	4-6	9+	1500
	Guernsey ...	1023.3	+2	WNW	2	c	68	65	8	8	1	-	7-8	9	2500
6	Pembroke ...	1018.2	0	WNW	3	c	62	85	7	8	-	-	10	10	4000
7	Holyhead ...	1017.0	-2	SWS	4	c	62	85	8	7	4	1	7-8	9	2500
	Chester (Sealand)	1018.2	-2	WSW	3	c	66	75	9	6	2	-	7-8	9+	2500
8	L'pool (Bidston)	1018.1	+2	WS	3	c	66	65	9	8	-	-	9	9	2500
	Manchester	1018.0	+2	WSW	3	c/r	66	65	8	5	2	-	7-8	10	2500
9	Harrogate ...	1017.4	+6	SWS	2	c	63	65	9	6	2	-	2-3	10	4000
10	Spurn Head ...	1017.6	+2	NNW	2	bc	70	65	7	-	6	9	0	2-3	-
	Catterick ...	1017.0	+4	WSW	2	c	62	75	8	5	2	-	4-6	10	2500
	Tynemouth ...	1015.5	0	SW	3	c	65	65	6	9	-	-	7-8	7-8	1500
11	Inchkeith ...	1013.6	-4	SW	1	c	63	85	8	2	7	-	2-3	7-8	2500
	Leuchars ...	1013.9	-6	S	3	c	62	85	7	5	-	-	9+	9+	2600
12	Renfrew (Abbotts I.)	1012.7	-6	SSW	3	c	64	75	7	9	2	-	9+	10	1500
	Eskdalemuir ...	1014.8	-6	SSW	4	c	58	95	7	5	-	-	10	10	450
13A	Tiree	1010.8	+10	SW	4	c	61	75	8	5	7	-	7-8	9	2500
13B	Stornoway ...	1007.4	-2	SSW	6	c	60	75	8	8	6	-	7-8	9	2500
15	Dalwhinnie §.	1011.8	0	S	4	c	59	85	8	4	4	-	4-6	9	1500
	Aberdeen ...	1013.2	-6	SE	4	cjp	62	65	8	8	4	-	7-8	7-8	1500
	Wick	1010.5	-6	SE	4	c	60	85	8	4	8	1	4-6	7-8	2500
16	Lerwick ...	1014.2	-6	SE	4	bc	58	75	8	1	3	1	Tr	4-6	2500
17	Blacksod Point	1013.9	+6	W	2	c	61	95	8	5	-	-	10	10	450
18	Malin Head ...	1022	+10	WSW	4	c	62	85	8	8	8	-	4-6	9	1500
	Aldergrove ...	1013.7	-2	SWW	4	cjp	67	75	8	8	-	-	9+	9+	1500
	Donaghadee ...	1013.6	-2	SSW	3	c	65	85	7	9	-	-	7-8	7-8	1500
19	Birr Castle ...	1016.8	+2	W	2	ir	65	85	8	6	-	-	10	10	1500
20	Valentia Obsy.	1015.0	+2	WSW	4	ir0	62	95	7	6	-	-	10	10	800
	Roches Point...	1018.3	+4	W	3	c	65	75	8	3	-	-	7-8	7-8	2500

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

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)	1020.6	+10	W	3	bc	69	55	8	7	9	9	2-3	4-6	4000	1	•
	Croydon	1020.5	+6	WSW	4	bc	69	55	9	7	6	-	2-3	4-6	4000	0	•
	S. Farnborough	1020.8	+4	WSW	2	c	68	55	9	5	-	-	9+	9+	5700	1	•
	Boscombe Down	1020.6	+2	SW	2	c	66	75	8	8	7	-	7-8	9+	4000	0	
	Calshot, S'thmtn	1021.5	0	SWS	5	c	66	75	8	7	4	-	4-6	7-8	4000	0	2
	Dungeness	*	*	SW	4	c	*	*	7	4	-	*	7-8	7-8	2500	*	2
	Lympne	1021.1	+4	SW	3	c	66	65	8	7	3	-	4-6	9	5700	0	
2	Shoeburyness	1019.4	0	SW	2	c	69	75	8	5	-	-	7-8	7-8	4000	1	•
	Felixstowe	1019.2	0	S'W	3	c	68	65	8	5	-	-	9	9	4000	0	1
	Gorleston	1019.1	+6	SE	4	c	64	75	7	-	3	-	0	7-8	-	0	2
	Cranwell	1018.6	+4	SW'W	4	b	70	55	8	2	6	-	Tr	1	4000	0	
3	Birmingham	1019.7	0	SSW	1	c/pr	63	85	7	6	3	-	7-8	7-8	1500	1	•
	Upper Heyford	1020.3	+2	WSW	4	c	65	75	8	8	3	-	7-8	7-8	2500	0	•
4	Ross-on-Wye	1019.4	0	SW	2	c	65	75	8	8	2	-	4-6	9+	2500	0	•
5	Portland Bill	1021.9	+2	SW	4	bc	60	95	8	4	-	-	4-6	4-6	2500	0	3
	Plymouth	1022.0	-2	SSW	3	bc	64	95	8	8	3	4	2-3	4-6	1500	0	2
	The Lizard	1022.9	0	WS	3	bc	64	85	8	8	6	-	4-6	4-6	2500	0	2
	Scilly (St. Mary's)	1023.0	0	WS	3	bc	64	85	8	8	6	-	4-6	4-6	2500	0	2
	Guernsey	1023.2	-6	WNW	4	bc	65	75	8	5	-	-	4-6	4-6	4000	0	3
6	Pembroke	1018.7	0	WSW	3	c	61	85	7	5	-	-	9+	9+	4000	0	2
7	Holyhead	1017.2	0	SSW	4	c	61	85	7	5	3	1	7-8	9	4000	0	2
	Chester (Sealand)	1018.2	+2	SWW	3	c	68	75	9	5	3	-	7-8	7-8	2500	1	•
8	L'pool (Bidston)	1018.3	0	WSW	4	c/pr	66	75	9	8	3	-	4-6	7-8	4000	1	
	Manchester	1018.1	+6	W	3	pr0	65	85	8	9	3	-	9+	9+	2500	0	•
9	Harrogate	1017.3	0	SWS	3	c	65	75	8	6	8	-	7-8	9	4000	1	•
10	Spurn Head	1017.8	0	-	0	c	67	85	7	3	7	-	2-3	7-8	4000	0	1
	Catterick	1016.7	-2	WSW	3	c	66	75	8	7	-	-	7-8	7-8	2500	1	•
	Tynemouth	1015.3	0	SW	3	bc	67	75	7	9	-	-	4-6	4-6	1500	1	1
11	Inchkeith	1013.9	+4	SW	2	c	64	85	8	8	3	-	4-6	7-8	2500	1	1
	Leuchars	1013.5	+2	WSW	3	c	65	65	8	8	-	4	7-8	7-8	2500	1	•
12	Renfrew (Abbotts I.)	1013.9	+8	SWW	3	c	63	75	8	8	-	-	7-8	7-8	4000	1	•
	Eskdalemuir	1015.0	+2	SSW	4	c/d	59	95	7	5	-	-	10	10	450	1	•
13A	Tiree	1011.3	+6	SW	4	c	59	75	8	5	-	-	9+	9+	2500	0	3
13B	Stornoway	1009.7	+12	SW	5	c	59	85	8	8	2	-	4-6	9+	1500	1	2
15	Dalwhinnie §	1011.1	+4	SW	4	bc	64	55	8	4	4	-	4-6	4-6	2500	1	
	Aberdeen	1012.4	-4	S'E	3	b	63	75	8	8	3	-	1	1	1500	0	1
	Wick	1010.7	0	S	4	c	62	85	8	8	7	8	4-6	7-8	2500	0	2
16	Lerwick	1012.9	-4	SE	4	c	57	85	8	8	7	-	4-6	7-8	1500	0	
17	Blacksod Point	1014.4	+2	W	2	id	61	95	7	5	-	-	10	10	450	1	2
18	Malin Head	1013.9	+4	WSW	3	cjp	61	95	7	9	-	-	9+	9+	2500	0	1
	Aldergrove	1014.9	+10	SWW	4	pr	65	75	8	8	-	-	9+	9+	1500	1	
	Donaghadee	1014.2	+4	WSW	2	bc	70	65	8	8	-	-	4-6	4-6	1500	0	1
19	Birr Castle	1016.8	+4	W	1	ir	62	95	7	6	-	-	10	10	1500	1	•
20	Valentia Obsy.	1019.5	+2	SWW	4	c	62	85	7	5	-	-	10	10	1500	1	3
	Roches Point	1019.2	+6	W	3	c/pr	64	85	8	3	-	-	7-8	7-8	2500	1	3

PAST 24 HOURS. — WEATHER.

District	Stations	7h.–13h. 15th (37)	13h.–18h. 15th (38)	18h. 15th to 1h. 16th (39)	1h.–7h. 16th (40)
1	London (Kew)	bccy	cy bcy	bcc	c
	Croydon	b, cy	cbcvy	bbcc	c
	S. Farnborough	bbcy	cy	cyc	c
	Boscombe Down	bcc	c	cpr0c	cbc
	Calshot, S'thmtn	bc	bcc	bc	bc
	Dungeness	bc	bc	•	o
	Lympne	bycbcv	bc vc	bc	cwcm0
2	Shoeburyness	bc	bc	cbc	bc
	Felixstowe	bcy	bcyc	cbc	bcc
	Gorleston	cbcy	bcyc	bc	bcc
	Cranwell	b, cy	cpr0 b	byc	cbcwc
3	Birmingham	bcc	(c)	cr0	c
	Upper Heyford	bccvy	cbcc	cbc	bbcc
4	Ross-on-Wye	bcvc	c	c	c
5	Portland Bill	bcc	bc	bc	c
	Plymouth	cir0	cbc	bcb	bm0ewc
	The Lizard	cpr0	pr0 bc	bcw	bcc
	Scilly (St. Mary's)	ir0 id	c	c	c
	Guernsey	bcc	cbcc	cacbc	bcc
6	Pembroke	cpr0c	~~bc~~ c	cbc	bcc
7	Holyhead	cir0c	cbc	p0 ~~r0~~ r0	c
	Chester (Sealand)	cir0v	cv	bcc	bccr0
8	L'pool (Bidston)	cvpr0c	cvpr0v	c	c
	Manchester	bwcyr	cpr0	c	cm0r0
9	Harrogate	bbccp	cbcir0	cbc	cp0
10	Spurn Head	bc	bcc	cbc	bc
	Catterick	bccy	cbc	bcc	c
	Tynemouth	bcc	cbc	bc	bcc
11	Inchkeith	cpr	PRc	cpr	cid0
	Leuchars	cir0c	cr0r0 bc	bcc	cod0DD
12	Renfrew (Abbotts I.)	cr0r r0	cr0R bc	bccpr0	coc
	Eskdalemuir	cir0	cid	com0	oodd
13A	Tiree	orc	c	cbcc	coir
13B	Stornoway	cPRc	c	cpr0	cpr0
15	Dalwhinnie §	ir	ir		c
	Aberdeen	c	cpr0bc	b	bbc
	Wick	c	c	c	c
16	Lerwick	bc	bcc	cbccpr0	c
17	Blacksod Point	iD	iD	iR	iDq
18	Malin Head	cpr	cpr	cp0d	cd0r0
	Aldergrove	od0 m0c	bccpr	cprc	cid0c
	Donaghadee	cpr0c	cprbc	bcc	c
19	Birr Castle	oir	oir	oirc	cbc
20	Valentia Obsy.	irir0	ir0idc	c	c
	Roches Point	cr0c	cpr0c	c	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

§ The observations entered in the 18h section (Cols. 15-30) refer to 17h in this report.

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. r_0, 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.

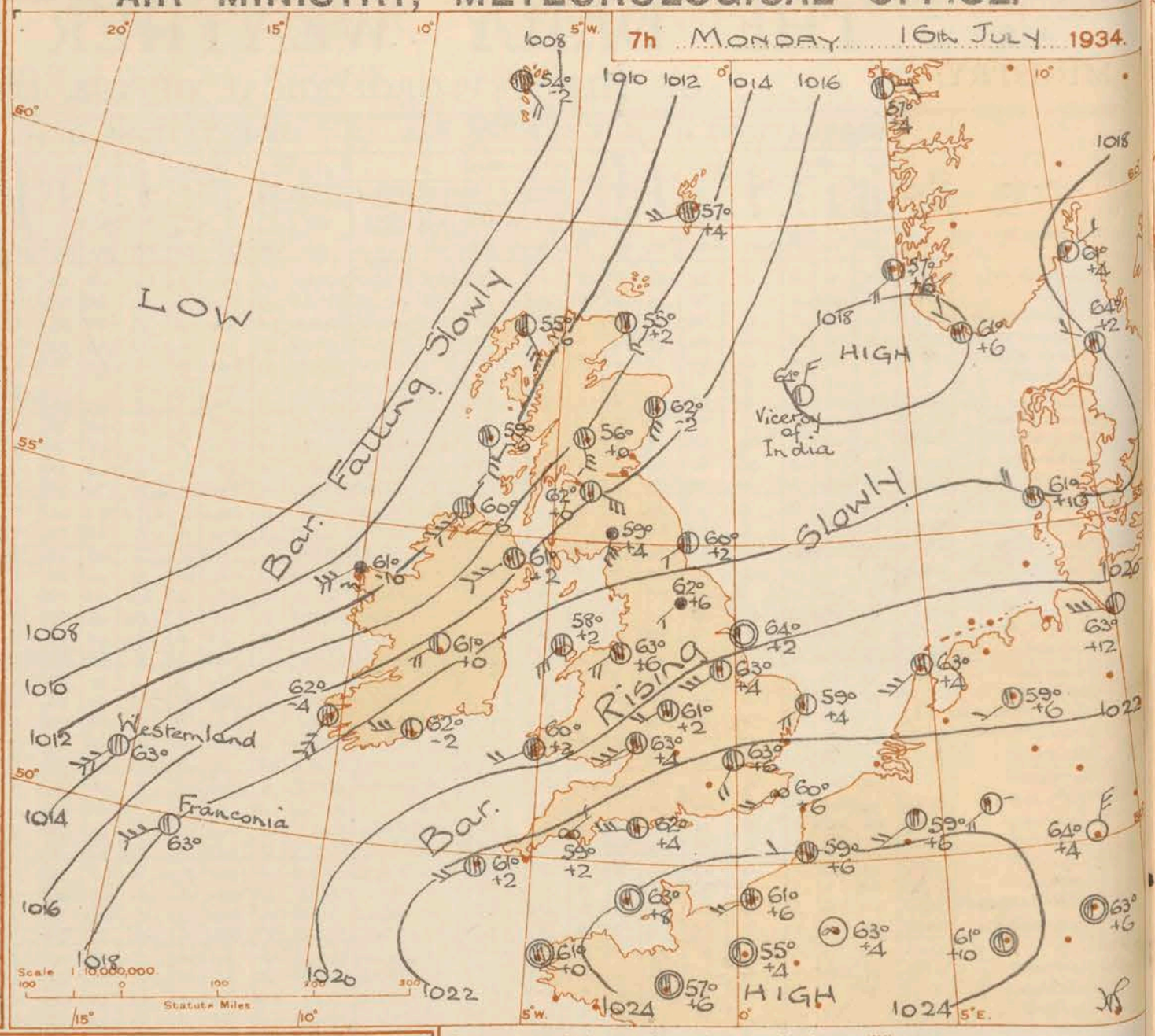
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 15th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 14th to 9h. 15th	Temperature. Max. 9h.—17h. 15th	Rainfall. Night. 17h. 14th to 9h. 15th	Rainfall. Day. 9h.—17h. 15th	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset. 14th
1	Tunbridge W.	bbc	bcc	43	72	-	-	9.8	4.5
	Bournemouth	bbc	bccpc	59	74	-	-	7.4	8.3
	Ventnor ...	bo	obbc	56	68	-	-	10.7	9.7
	Southsea ...	b	bbcc	56	74	-	-	8.4	3.7
	Bognor Regis	bbc	cbcc	54	70	-	-	7.8	5.5
	Littlehampton	bc	bc	53	69	-	-	7.8	3.7
	Worthing ...	b	bbcc	56	69	-	-	10.0	4.1
	Brighton ...	bc	bc	56	67	-	-	10.5	4.7
	Eastbourne†	bybc	bc	58	69	Trace	-	10.7	3.6
	Hastings† ..	bbcc	cbcbc	55	71	0.2	-	10.0	2.6
	Folkestone ..	b	bbc	55	72	1	-	11.5	0.6
	Dover... ...	byc	cbc	56	73	Trace	-	11.2	1.4
	Deal	bbc	bc	51	73	0.3	-	10.2	1.1
	Ramsgate ...	b	bc	56	73	2	-	10.8	1.3
	Margate ...	b	c	58	74	2	-	11.9	1.6
2	Southend ...	b	bbcc	52	79	0.4	-	8.6	4.6
	Maldon ...	b	bbcc	55	77	0.3	-	10.4	2.4
	Clacton-on-Sea	cbc	bcc	53	74	-	-	9.3	0.3
	Dovercourt ...	bcv	bcv	55	75	-	-	9.4	0.4
	Lowestoft ...	b	bc	52	73	-	-	9.1	0.5
	Skegness ...	bcb	bbco	51	74	-	-	9.2	1.5
	Mablethorpe	bc	c	51	72	-	-	9.1	0.2
	Cleethorpes ...	b	bc	52	75	-	-	8.9	0.4
3	Leamington S.	bcc	c	49	70	-	-	6.3	9.2
4	Cheltenham†	bcpc	cbcc	50	67	-	-	7.4	9.1
5	Bath	bbcc	cir	53	70	-	Trace	6.4	6.3
	Weymouth ...	bbc	cbc	59	70	-	-	7.3	11.8
	Jersey ...	bc	b	58	68	-	-	9.2	8.3
	Torquay ...	bcc	c	57	69	-	-	4.6	11.0
	Penzance ...	pcbc	cbbc	56	70	0.3	Trace	2.7	9.9
	St. Ives ...	p	c	61	67	0.3	Trace	2.7	8.1
	Bude	c	cp	60	69	Trace	0.1	0.9	4.5
	Ilfracombe ...	bcc	bcc	59	68	-	-	1.0	12.0
6	Aberystwyth	cprc	cbcc	53	65	0.3	-	1.6	10.1
7	Llandudno ...	pc	cbc	59	69	Trace	-	1.5	10.0
	Colwyn Bay...	cpc	cbc	55	68	Trace	-	1.4	9.5
	Rhyl	cp	c	52	70	-	Trace	2.6	9.9
8	Wallasey ...	bccp	cp	58	68	-	0.3	3.1	8.8
	Southport‖ ...	opc	oc	57	69	-	Trace	2.5	9.8
	Blackpool ...	cp	cpc	57	68	Trace	0.1	2.5	12.0
	Morecambe ...	bcc	abc	54	66	-	Trace	2.2	11.8
9	Ilkley... ...	bc	bcc	46	68	-	-	3.5	6.6
10	Berwick-on-T.	co	pc	48	67	0.3	Trace	4.5	0.0
11	Dunbar ...	bc	bc	50	70	-	-	5.6	0.2
12	Troon... ...	cprc	crcw	52	63	1	1	0.8	14.9
	Douglas ...	cidm	cbbc	51	64	Trace	0.3	1.6	12.6

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



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 6/10 clouded. Sky 7/10 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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 16th July, 1934.
1 S.E. England 2 E. England... 3 E. Midlands 4 W. Midlands	Light or moderate southwest wind, backing; mainly fair, but a chance of local showers; warm and close.
5 S.W. England 6 South Wales	Moderate southerly wind, backing; variable cloud, perhaps occasional local rain or drizzle later; average temperature; close.
7 North Wales 8 N.W. England	Moderate or fresh southwest or south wind; mainly cloudy; occasional drizzle or rain later; average temperature.
9 N. Midlands 10 N.E. England 11 S.E. Scotland	Moderate southwest or south wind; variable cloud, perhaps occasional rain later; rather warm and close.
12 S.W. Scotland & Isle of Man 13 A. W. Scotld. B. N.W. Scotland	Moderate or fresh south or southwest wind, strong at times on coast; dull or cloudy; occasional rain; average temperature.
14 Mid Scotland 15 N.E. Scotland	As 9 - 11.
16 Orkneys and Shetlands	Moderate southerly wind, freshening; mainly cloudy; occasional rain later; average temperature.
17 N.W. Ireland 18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	As 12 - 13.

GENERAL INFERENCE.

An anticyclone is centred over France, while a trough of low pressure is approaching from the Atlantic. Weather will be mainly fair in the Southeast, but further occasional rain is probable in the West and North.

FURTHER OUTLOOK.

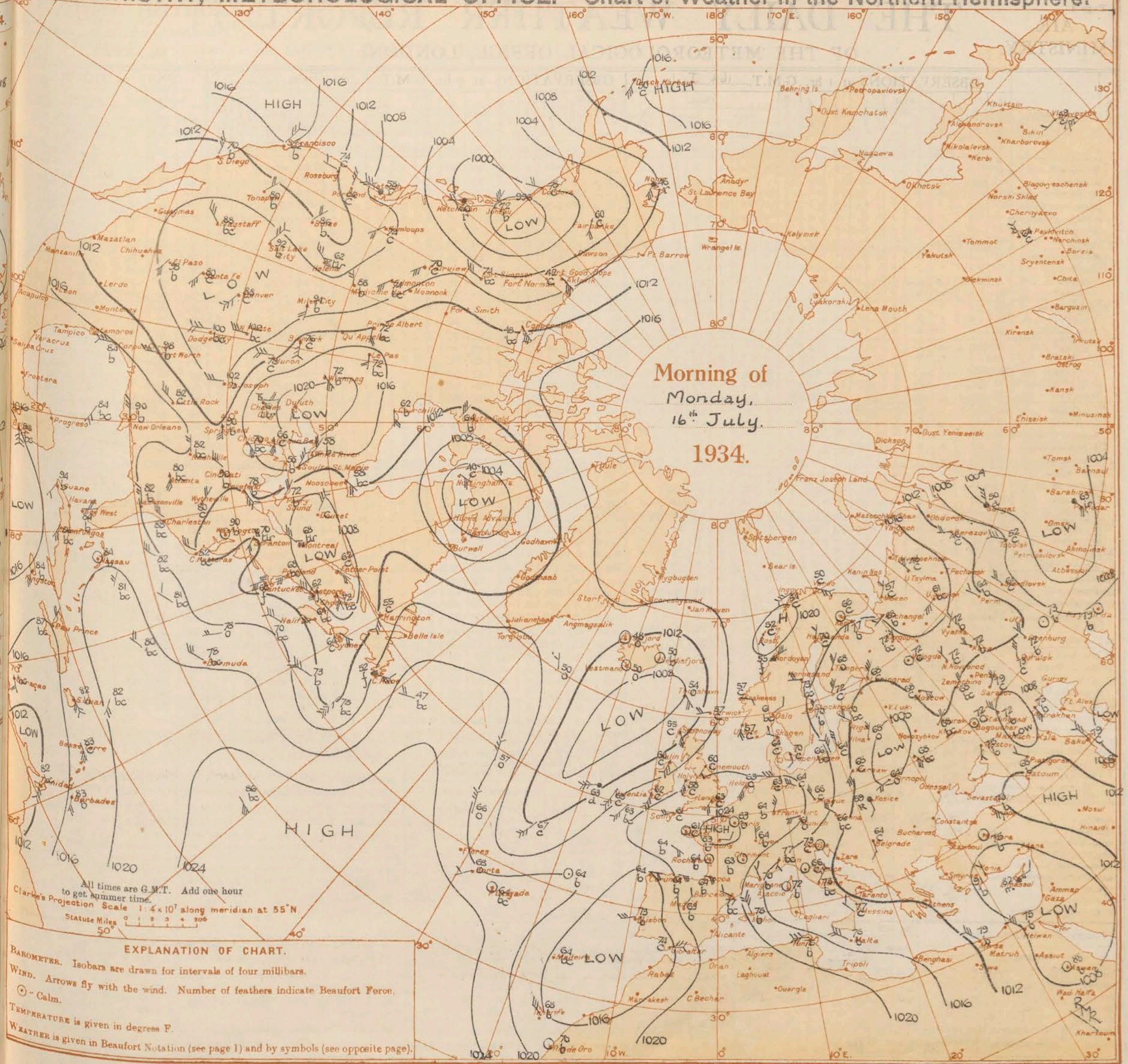
Rather unsettled in the West and North; mainly fair and perhaps warmer in the Southeast.

Forecasts issued at 0915 G.M.T.

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

H.M. Stationery Off. (Press Kingsway, W.C.2) Pc 249/27-6 1934 D.O.K. 6500/10,905, 25140, 7134

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

Monday, 16th July 1934.

No. 26.534

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

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	1021·7	+4	SSW	2	c	62	85	8	5	7	-	4·6	9	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1021·8	+10	W	2	c	58	95	8	5	-	-	9	9	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1020·6	+6	SW'W	2	bc	62	85	7	4	-	-	4·6	4·6	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1022·5	-4	W'S	3	c	61	95	7	4	-	-	7·8	7·8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1023·1	0	W'S	3	bc	59	95	8	8	6	-	2·3	4·6	2500
	Scilly (St. Mary's)	163	1023·4	0	W'S	3	c	61	85	7	5	-	-	7·8	7·8	4000
	Guernsey	175	1023·8	0	W'W	2	bc	59	96	8	8	-	-	4·6	4·6	4000
6	Pembroke	142	1019·9	+4	W	3	bc	61	85	7	5	-	-	4·6	4·6	4000
7	Holyhead	26	1018·2	+4	SW	3	1r0	59	95	7	5	7	-	4·6	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1019·0	+2	WSW	3	bc	62	95	7	-	7	-	0	2·3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1016·8	0	SW	2	bc	60	85	7	4	-	-	2·3	2·3	4000
11	Inchkeith	190	1015·3	+4	W	1	c	59	95	8	8	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1011·3	+6	SSW	4	c	55	95	7	8	6	-	7·8	9+	1500
15	Dalwhinnie b.	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012·3	+6	S	1	c	54	95	8	5	1	-	7·8	9	1500
16	Lerwick	54	1012·8	0	S'W	3	c/pr	55	95	7	8	2	9	9	9/10	800
17	Blacksod Point	18	1014·7	0	W	2	iD	57	95	7	6	-	-	10	10	450
18	Malin Head	52	1013·6	-4	WSW	2	c	60	95	7	8	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1018·7	-6	SW	3	c	60	95	7	4	-	-	7·8	7·8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	1022·4	+6	SW	3	c	66	75	8	5	3	-	4·6	7·8	4000	1	*
Croydon	1022·2	+6	SSW	2	c	63	85	7	7	7	8	2·3	7·8	5700	0	*
S. Farnborough	1022·4	+4	SW	2	c	63	85	7	5	-	-	7·8	7·8	7200	1	*
Boscombe Down	1022·2	+2	W'S	2	c	62	85	7	7	3	1	4·6	7·8	2500	0	*
Calshot (S'thmtn)	1022·9	+8	SW'W	3	bc	65	75	8	8	3	1	2·3	4·6	4000	0	1
Dungeness	*	*	SW	2	of	*	*	3	5	-	*	10	10	450	*	1
Lympne	1023·3	+6	SW'W	2	3o	60	95	6	5	-	-	10	10	450	0	*
Shoeburyness	1022·0	+4	WSW	2	c	65	85	6	5	6	-	2·3	9	5700	0	*
Felixstowe	1021·9	+6	WSW	2	c	64	75	7	5	3	-	7·8	9	7200	0	0
Gorleston	1020·9	+4	SW'W	2	c	59	95	7	4	5	-	4·6	7·8	4000	0	2
Cranwell	1020·4	+4	SW'W	3	c	63	85	7	5	7	-	7·8	9+	7200	0	*
Birmingham	1021·0	+2	SW	2	c	61	95	7	6	3	-	7·8	9	1500	1	*
Upper Heyford	1021·7	+2	SW	3	c	61	95	7	5	3	-	9	9+	1500	0	*
Ross-on-Wye	1020·7	+4	SW'W	3	c	63	85	6	5	6	-	4·6	7·8	2500	0	*
Portland Bill	1023·1	+4	W	3	c	62	85	7	4	-	-	7·8	7·8	2500	0	3
Plymouth	1022·8	+2	NE	1	3o	59	95	6	5	-	-	10	10	4000	0	0
The Lizard	1023·0	0	SW	2	c	62	95	8	5	-	-	9+	9+	2500	0	2
Scilly (St. Mary's)	1022·9	+2	SW'W	2	c	61	95	8	8	-	-	9+	9+	2500	0	2
Guernsey	1024·0	+8	-	0	c	63	85	6	8	-	-	9+	9+	4000	0	2
Pembroke	1019·4	+2	W'S	2	c	60	75	7	5	-	-	9+	9+	5700	0	2
Holyhead	1018·5	+2	SSW	3	c	58	95	7	5	-	-	9+	9+	4000	0	1
Chester (Sealand)	1019·6	+6	WSW	2	c	63	85	8	6	-	1	9+	9+	1500	0	*
L'pool (Bidston)	1020·2	+2	SW	2	c	63	85	8	9	-	-	10	10	1500	0	*
Manchester	1019·7	+4	SW	2	1r0	63	85	6	6	2	-	9	10	1500	0	*
Harrogate	1018·8	+6	SW'S	1	1r0	62	95	6	6	2	-	9	9+	2500	1	*
Spurn Head	1019·5	+2	-	0	bc	64	85	7	-	1	9	0	2·3	-	0	1
Catterick	1018·3	+2	SSE	2	c	62	95	7	5	1	-	4·6	9	4000	0	*
Tynemouth	1017·1	+2	SW	1	c	60	85	6	9	-	-	7·8	7·8	1500	1	1
Inchkeith	1015·4	0	SW	1	c	61	95	8	8	3	-	4·6	7·8	2500	1	1
Leuchars	1015·3	+2	-	0	c	60	95	7	5	2	-	9	10	450	1	*
Renfrew (Abbotts I)	1014·6	0	ESE	3	c	62	95	8	6	-	-	10	10	1500	1	*
Eskdalemuir	1016·2	+4	S'W	3	dd	59	95	6	5	-	-	10	10	220	1	
Tiree	1011·5	-6	S	4	c/d	59	95	7	5	-	-	9+	9+	1500	1	3
Stornoway	1010·4	-6	SSE	3	c/pr0	55	95	8	5	6	-	7·8	10	1500	1	1
Dalwhinnie b.	1014·2	0	S	4	c	56	85	7	3	2	-	7·8	9	800	0	*
Aberdeen	1014·4	-2	S'W	3	bc	62	75	8	-	3	1	0	4·6	-	0	1
Wick	1013·2	+2	S	2	c	55	85	8	5	4	4	4·6	7·8	2500	0	1
Lerwick	1013·0	+4	WSW	2	c	57	75	8	5	2	-	4·6	9	1500	0	*
Blacksod Point	1011·5	-10	SW	5	iD	61	95	7	6	-	-	10	10	450	1	4
Malin Head	1012·6	-6	SSW	4	c	60	95	7	5	1	-	4·6	9+	800	0	1
Aldergrove	1015·7	+2	SW'S	4	c	61	85	8	5	7	1	4·6	9+	800	1	*
Donaghadee	1015·9	0	W	1	c	62	85	8	5	-	-	7·8	7·8	1500	0	0
Birr Castle	1017·6	0	SW	2	bc	61	85	8	-	5	-	0	2·3	-	1	*
Valentia Obsy.†	1017·8	-4	SSW	5	c	62	75	8	5	-	-	9+	9+	1500	0	3
Roches Point	1019·0	-2	W	3	bc	62	85	8	3	-	-	4·6	4·6	2500	0	3

PAST 24 HOURS.

Stations	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 15th Hrs. (36)
London (Kew)	74	62	58	-	-	10·2
Croydon	74	60 59	58	-	-	11·3
S. Farnborough	76	53	53	-	-	8·9
Boscombe Down	71	57	54	-	Tr.	7·1
Calshot (S'thmtn)	67	59	56	-	-	7·3
Dungeness	71	57	*	-	-	*
Lympne	72	57	54	-	-	11·0
Shoeburyness	76	58	50	-	-	10·9
Felixstowe	75	58	55	-	-	9·5
Gorleston	71	59	57	-	-	8·6
Cranwell	74	59	57	Tr.	-	12·1
Birmingham	68	58	55	1	0·1	6·9
Upper Heyford	73	55	50	-	-	*
Ross-on-Wye	69	59	55	-	-	6·1
Portland Bill	67	59	*	-	-	*
Plymouth	67	56	51	Tr.	-	5·1
The Lizard	68	58	*	0·1	-	*
Scilly (St. Mary's)	67	58	*	0·2	-	4·0
Guernsey	69	58	55	-	-	9·7
Pembroke	66	59	*	2	-	0·1
Holyhead	65	58	58	Tr.	Tr.	3·2
Chester (Sealand)	72	62	52	0·1	Tr.	3·8
L'pool (Bidston)	68	62	60	0·3	-	4·0
Manchester	69	60 ~~66~~ 59 ~~54~~		Tr.	Tr.	3·7
Harrogate	65	59	53	0·4	0·6	7·3
Spurn Head	73	59	*	-	-	11·1
Catterick	66	57	55	-	-	7·3
Tynemouth	68	58	56	-	-	
Inchkeith	68	57	55	1	1	3·7
Leuchars	67	56	51	0·2	0·5	4·1
Renfrew (Abbotts I)	66	58	56	5	0·1	1·8
Eskdalemuir	60	57	57	1	1	0·3
Tiree	63	55	45	2	1	2·7
Stornoway	62	55	*	4	0·1	2·8
Dalwhinnie b.	64	47	40	1	-	4·5
Aberdeen	65	49	42	Tr.	-	8·3
Wick	62	50	*	-	-	*
Lerwick	60	54	*	-	Tr.	10·5
Blacksod Point	63	54	*	1	4	*
Malin Head	65	59	*	3	1	4·1
Aldergrove	70	59	58	2	0·3	3·6
Donaghadee	71	54	*	1	-	*
Birr Castle	66	57	54	1	0·3	0·0
Valentia Obsy.†	63	60	57	2	-	0·0
Roches Point	66	60	*	0·1	-	*

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. (To-day)
Kew	18	bccy	cybcy	bcc	74	62	58	-	-	10·2	*	*	8
Croydon	217	b-cy	cbcvy	bbcc	74	60	58	-	-	11·3	*	*	8
Greenwich (Royal Observatory)	149	bcy	cy	cbcy	77	60	54	-	-	11·4	41	62	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	10·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	76	62	56	-		10·6	48	69	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	75	62	59	-	-	11·1	44	71	*
Camden Square	110	bc	c	*	78	62	58	-	-	*	*	68	*
Kensington	80	bc	bc	*	75	61	56	-	-	10·3	At 18h. 65		*
Hampstead Observatory	450	b	b	bc	75	59	56	-	-	12·1	50 *	82	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory Max.	Time.	Min.	Time.
0·1	0h. 16th.	<0·1	Remainder of period

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 15th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 16th July 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	1021·0	NW	3	bc	72	1024·3	-	0	b3o	63	77	50	-	-
Brussels	1020·3	NW	3	b	68	1023·1	SW	2	c	59	70	52	-	-
Berlin	1014·7	ESE	1	c/pr	75	1019·2	NW	4	c	66	86	61	Tr.	-
Zürich						1022·2	-	0	c	57		55		14
Rome	1010·9	W	9	b	73	1012·6	NNE	4	bc	73	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 „
2	Fog	550 „
3	Moderate fog	1,100 „
4	Mist or haze	1½ miles.
5	Poor visibility	2½ „
6	Moderate „	6½ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

† The observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h. b The periods referred to in cols. 31, 32, 34 and 35 are 07-17h and 17-07h in this report.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 17th. July 1934.

No. 26. 535.

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

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)	1022.7	0	~~SW~~ W	3	c	71	65	8	8	–	–	9	9	4000
	Croydon	1022.4	0	WSW	2	c	70	65	8	7	3	–	7-8	9	4000
	S. Farnborough	1022.1	−6	SW	3	c	71	55	8	8	–	–	7-8	7-8	2500
	Boscombe Down	1022.2	−2	SW	2	c	67	75	8	5	2	–	9+	10	2500
	Calshot, S'thmtn	1023.1	+2	SSW	5	bc	71	55	8	7	–	–	4-6	4-6	4000
	Dungeness	*	*	SW	3	o	*	*	4	5	–	*	10	10	1500
	Lympne	1023.4	0	S	4	bc	70	75	8	8	–	1	2-3	2-3	1500
2	Shoeburyness	1022.2	−2	WSW	3	c	75	65	7	5	3	–	4-6	7-8	4000
	Felixstowe	1021.7	−2	SE'S	4	c	70	75	8	7	3	–	4-6	7-8	2500
	Gorleston	1021.3	0	SSW	3	c	67	85	7	8	–	–	7-8	7-8	2500
	Cranwell	1021.2	+2	SW	3	3_o	70	65	6	5	1	–	7-8	9+	2500
3	Birmingham	1021.0	0	WSW	3	c	68	65	8	6	–	–	9+	9+	1500
	Upper Heyford	1021.7	0	WSW	3	c	68	75	8	5	–	–	10	10	2500
4	Ross-on-Wye	1021.1	+4	SW	3	c	67	65	8	8	–	–	9+	9+	4000
5	Portland Bill	1023.3	+4	WSW	3	bc	64	75	8	4	4	–	2-3	4-6	2500
	Plymouth	1023.0	−2	S	3	c	64	95	8	7	–	–	9+	9+	2500
	The Lizard	1023.2	+4	SSW	3	c	67	75	8	4	1	–	7-8	9	2500
	Scilly (St. Mary's)	1023.0	0	SW'S	3	c	66	65	8	8	–	–	9+	9+	2500
	Guernsey	1023.7	−4	SW	2	bc	69	55	8	8	–	–	4-6	4-6	2500
6	Pembroke	1020.6	0	SSW	2	c	63	75	8	5	–	–	9+	9+	5700
7	Holyhead	1018.9	−2	SSW	5	bc	65	65	8	5	8	–	2-3	4-6	4000
	Chester (Sealand)	1020.0	−2	W	3	c	72	55	9	7	–	–	7-8	7-8	4000
8	L'pool (Bidston)	1019.9	0	WSW	4	bc	69	55	9	1	–	–	2-3	2-3	2500
	Manchester	1020.0	+2	WSW	3	c	70	55	7	7	3	–	9	9+	2500
9	Harrogate	1019.2	0	SSW	1	c	63	85	6	6	2	–	9	10	4000
10	Spurn Head	1020.0	0	W	4	c	72	75	7	3	7	–	7-8	9+	4000
	Catterick	1018.8	+2	SW	2	c	66	75	8	5	1	–	7-8	10	2500
	Tynemouth	1017.1	0	SW	3	c	70	75	7	9	–	–	7-8	7-8	1500
11	Inchkeith	1015.0	−2	SW	3	c	67	75	8	8	–	–	7-8	7-8	2500
	Leuchars	1015.0	−2	SW	3	c	69	75	8	8	3	8	7-8	9+	1500
12	Renfrew (Abbotts'l)	1014.9	0	SSW	4	c	65	75	8	7	–	–	9+	9+	2500
	Eskdalemuir	1017.0	+4	SSW	4	c	61	85	7	5	–	–	9+	9+	1500
13A	Tiree	1010.3	−4	S	6	dr	61	95	7	6	2	–	7-8	10	1500
13B	Stornoway	1008.2	−6	S	4	$d_o d_o$	57	95	6	5	–	–	10	10	800
15	Dalwhinnie	1013.3	0	S	4	c	62	85	6	3	2	–	4-6	10	800
	Aberdeen	1014.1	−4	S	3	c	69	75	8	8	9	–	4-6	9	2500
	Wick	1012.1	−10	S	2	c	63	85	8	7	7	3	7-8	9+	2500
16	Lerwick	1013.5	−4	S'W	3	c	59	85	8	5	3	9	2-3	7-8	1500
17	Blacksod Point	1012.2	+4	SW	5	c	61	95	7	5	–	–	10	10	450
18	Malin Head	1012.1	+4	SWW	5	cd_o	63	95	6	5	1	–	4-6	9+	800
	Aldergrove	1015.1	−6	SW'S	5	c	68	65	8	7	2	–	9	9+	2500
	Donaghadee	1015.8	0	WSW	3	bc	70	65	8	7	3	2	4-6	4-6	2500
19	Birr Castle	1017.5	+4	S	3	o	65	75	8	5	–	–	10	10	2500
20	Valentia Obsy.	1017.7	−6	S'W	5	c	67	75	8	5	–	1	9	9+	1500
	Roches Point	1019.3	+4	SW	3	bc	65	75	8	3	–	–	4-6	4-6	2500

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

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)	1021.7	−4	WSW	2	c	71	55	8	5	–	–	9	9	4000	0	*
	Croydon	1021.8	−2	SW	2	c	69	65	8	7	7	–	9	10	4000	0	*
	S. Farnborough	1021.9	−2	SWW	2	c	70	65	8	5	–	–	9+	9+	4000	0	*
	Boscombe Down	1021.7	−2	SWW	2	c	67	65	8	5	–	–	9	9	2500	0	*
	Calshot, S'thmtn	1022.5	−4	SW	3	b	68	65	8	7	–	–	Tr	Tr	4000	0	2
	Dungeness	*	*	SW	2	bc	*	*	7	1	–	*	2-3	2-3	4000	*	1
	Lympne	1023.0	−2	SSW	3	b	68	55	8	5	–	–	1	1	1500	0	*
2	Shoeburyness	1021.8	−4	WSW	3	c	72	65	8	7	3	–	4-6	9	4000	0	*
	Felixstowe	1021.4	−4	S'E	2	c	68	85	7	5	–	–	9+	9+	4000	0	1
	Gorleston	1021.2	−4	S	2	c	70	75	6	8	–	–	9	9	2500	0	2
	Cranwell	1020.9	0	SSW	3	c	70	55	7	8	7	–	4-6	7-8	4000	0	*
3	Birmingham	1021.0	−2	WSW	3	c	68	65	8	5	3	–	4-6	7-8	2500	1	*
	Upper Heyford	1021.7	−2	W	2	c	68	65	8	5	–	–	9+	9+	2500	0	*
4	Ross-on-Wye	1020.7	−4	WSW	2	c	69	55	8	5	–	–	7-8	7-8	4000	0	*
5	Portland Bill	1022.3	−8	SSW	2	b	63	85	8	–	–	–	0	0	–	0	2
	Plymouth	1022.1	−4	S'W	2	bc	65	85	8	4	3	–	2-3	2-3	4000	0	1
	The Lizard	1021.9	−10	S	1	bc	64	75	8	7	–	–	2-3	2-3	4000	0	1
	Scilly (St. Mary's)	1021.8	−8	SSW	3	c	65	75	8	8	–	–	7-8	7-8	4000	0	2
	Guernsey	1022.7	−10	–	0	b	65	65	8	–	–	–	0	0	–	0	2
6	Pembroke	1019.9	0	SW	3	c	62	85	7	5	–	–	9	9	2500	0	2
7	Holyhead	1018.8	−4	SW'S	5	q	62	75	8	1	4	1	Tr	1	4000	0	3
	Chester (Sealand)	1020.4	+4	WSW	3	bc	69	55	8	7	–	–	4-6	4-6	4000	0	*
8	L'pool (Bidston)	1020.3	+4	WSW	4	bc	68	55	9	4	–	–	4-6	4-6	2500	0	*
	Manchester	1019.8	+2	W'N	4	c	70	55	8	7	–	–	7-8	7-8	5700	0	*
9	Harrogate	1019.2	0	SWW	3	b	66	65	9	–	4	8	0	Tr	–	0	*
10	Spurn Head	1020.5	−2	SW	3	c	70	75	7	3	7	–	4-6	9	4000	0	2
	Catterick	1018.7	−2	W'S	3	bc	66	55	8	7	–	–	4-6	4-6	2500	0	*
	Tynemouth	1018.4	+6	W	3	bc	69	55	7	2	–	–	2-3	2-3	2500	1	1
11	Inchkeith	1014.8	−8	SW	4	c	67	65	8	8	9	–	4-6	7-8	2500	0	2
	Leuchars	1015.2	−2	SSW	4	c	67	65	9	5	3	–	4-6	7-8	2500	1	*
12	Renfrew (Abbotts'l)	1014.6	0	SW'S	4	r_o	64	75	7	8	–	–	9+	9+	2500	1	*
	Eskdalemuir	1017.0	−2	SSW	5	bc	61	75	8	4	7	1	4-6	4-6	2500	1	*
13A	Tiree	1011.3	+4	SSW	4	r_o	60	95	6	6	2	–	4-6	10	1500	1	4
13B	Stornoway	1008.5	+14	SSW	5	c	60	85	7	8	7	–	7-8	9+	800	1	3
15	Dalwhinnie	1013.2	0	S	6	c	59	95	7	3	4	–	4-6	7-8	800	1	
	Aberdeen	1014.1	−2	SE	1	c	64	75	8	9	9	9	4-6	9	1500	0	1
	Wick	1010.6	−6	SSW	3	c	65	75	8	8	7	–	7-8	9+	2500	0	1
16	Lerwick	1012.1	−4	S'W	3	c	57	95	6	5	4	8	7-8	9+	450	0	*
17	Blacksod Point	1012.9	+2	SW	5	cd_o	61	95	7	6	–	–	10	10	450	1	4
18	Malin Head	1012.7	+6	SW	4	c	62	95	7	8	–	–	9+	9+	1500	1	1
	Aldergrove	1016.0	+6	SWW	5	pr	63	85	8	6	–	–	10	10	800	1	*
	Donaghadee	1015.9	+2	WSW	2	pr_o	66	75	8	5	–	–	7-8	7-8	1500	1	0
19	Birr Castle	1016.7	−8	SW	3	o	67	65	8	5	–	–	10	10	2500	6	*
20	Valentia Obsy.	1017.1	−2	S	5	c	65	75	8	8	3	–	7-8	7-8	1500	0	3
	Roches Point	1019.1	−4	SW	3	c	64	75	8	5	–	–	9	9	2500	0	3

PAST 24 HOURS.

District	Stations.	Weather 7h.–13h. 16th. (37)	Weather 13h.–18h. 16th. (38)	Weather 18h. 16th.–1h. 17th. (39)	Weather 1h.–7h. 17th. (40)
1	London (Kew)	c	cy	c	bw
	Croydon	c	c	cbcb	bwbf
	S. Farnborough	cbccy	yc	cbcb	bwbm$_o$
	Boscombe Down	~~c~~ bcc	c	cbcb	bbf
	Calshot, S'thmtn	bcbcy	bcyb	bbw	oFfebm
	Dungeness	f	bc	*	b
	Lympne	cbc	by	bvw	bvwFb
2	Shoeburyness	c	c	cbc	bm$_o$b
	Felixstowe	c	c	c	bwbcb3$_o$
	Gorleston	cbcc	c	c	cb3$_o$
	Cranwell	cc3$_o$	cy	cybcc	cm$_o$
3	Birmingham	c	c	bcb	bbc
	Upper Heyford	c	c	c	bcbfg
4	Ross-on-Wye	c	cbcc	c	cb
5	Portland Bill	cbc	bcb	b	bbc
	Plymouth	cm$_o$c	cb	b	bwbc
	The Lizard	c	cbc	bcbw	bbc
	Scilly (St. Mary's)	c	c	cbcb	bbcw
	Guernsey	cbc	bcb	bw	bw
6	Pembroke	c	c	c	bc
7	Holyhead	cbc	bcbq	bcbw	bwc
	Chester (Sealand)	r$_o$cvy	bcvy	bccv	cv
8	L'pool (Bidston)	cvbcy	bcyv	ybcv	bcc
	Manchester	cr$_o$y	cbcy	bc	bcc
9	Harrogate	c	cb	b	bcc
10	Spurn Head	bcc	bc	cbc	bcw
	Catterick	pr$_o$c	cbc	bcybw	bcc
	Tynemouth	c	cbcq	bc	bc
11	Inchkeith	prc	c	c	c
	Leuchars	coid$_o$c	cbcc	cbc	bcwcb
12	Renfrew (Abbotts'l)	c	ccpr$_o$	cr$_o$cp	cprbc
	Eskdalemuir	addc	cbc	bccd$_o$	cid$_o$
13A	Tiree	oir	oirR	cir	orr
13B	Stornoway	cdd	r$_o$r$_o$c	cpr	crr-c
15	Dalwhinnie	ir$_o$	ir$_o$	*	ir$_o$
	Aberdeen	bccpr$_o$c	cbcc	cbcc	cbcc
	Wick	c	cpr$_o$c	c	cpr$_o$
16	Lerwick	cbcc	cm$_o$	cir$_o$	c
17	Blacksod Point	iDr	iDr	R	R
18	Malin Head	cd$_o$m$_o$	cir	cpr$_o$	cidr
	Aldergrove	c	cir$_o$pr	cpr$_o$cpr	cbcc
	Donaghadee	cbc	cpr$_o$	pr$_o$bc	bc
19	Birr Castle	bcco	oco	oc	c
20	Valentia Obsy.	cpr$_o$c	c	cbc	bcc
	Roches Point	bc	bcc	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.
y, thick fog, visibility 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.

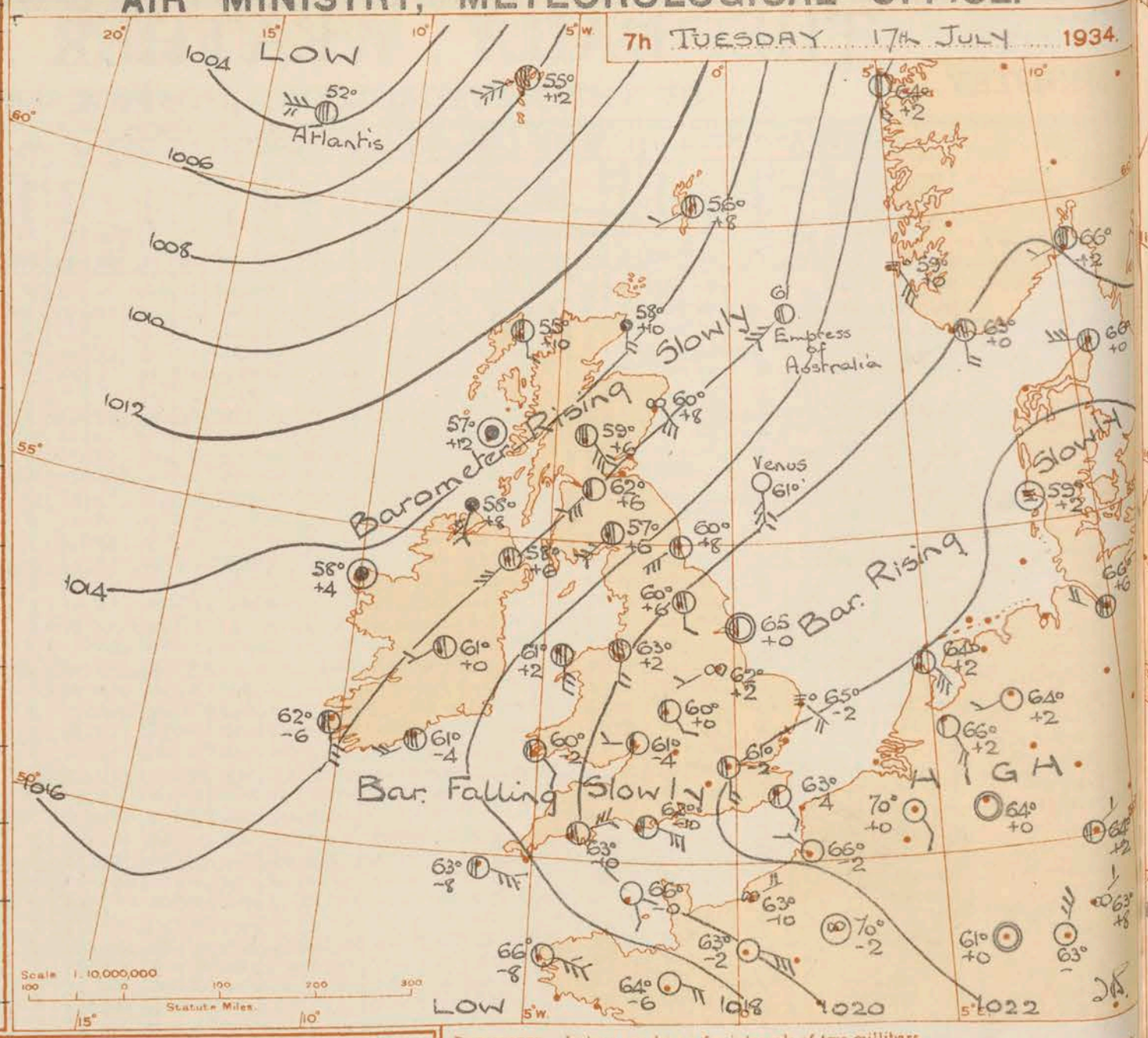
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Monday 16th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 15th to 9h. 16th	Temperature. Max. 9h.—17h. 16th	Rainfall. Night. 17h. 15th to 9h. 16th	Rainfall. Day. 9h.—17h. 16th	Sunshine. Sunrise to 17h. 16th	Sunshine. Sunrise to Sunset. 15th
1	Tunbridge W.	cbcc	bc	56	75	—	—	6.1	11.1
	Bournemouth	bcb	b	59	74	—	—	8.5	9.3
	Ventnor ...	ob	b	60	68	—	—	10.3	12.2
	Southsea ...	b	b	61	74	—	—	10.2	9.0
	Bognor Regis	bcb	b	61	70	—	—	10.0	8.5
	Littlehampton	bc	bcb	60	69	—	—	9.7	8.3
	Worthing ...	b	b	60	69	—	—	9.1	10.3
	Brighton ...	bc	bc	60	68	—	—	8.0	10.8
	Eastbourne†	cb	b	60	68	—	—	8.3	12.5
	Hastings† ...	ocbcb	b	59	68	—	—	5.9	11.7
	Folkestone ...	omc	cbcb	59	68	—	—	3.1	12.0
	Dover... ...	oc	cb	60	66	—	—	2.5	11.8
	Deal	ob	b	59	72	Tr	—	7.5	10.3
	Ramsgate ...	bc	bcb	60	71	—	—	6.2	11.0
	Margate ...	bcc	cbc	59	75	—	—	3.7	12.0
2	Southend ...	cbcc	c	61	79	—	—	2.0	10.1
	Maldon ...	c	co	54	74	—	—	0.6	12.3
	Clacton-on-Sea	bcc	cbc	60	73	—	—	0.7	9.8
	Dovercourt ...	bcc	bcc	57	74	—	—	3.3	9.9
	Lowestoft ...	bcc	c	56	72	—	—	4.9	9.3
	Skegness ...	bc	bco	58	72	—	—	2.8	10.7
	Mablethorpe	c	c	55	73	—	—	4.8	9.1
	Cleethorpes...	c	c	55	75	—	—	6.0	10.5
3	Leamington S.	c	c	57	71	2	—	1.5	6.3
4	Cheltenham†	bcc	c	58	70	Tr	—	2.6	7.4
5	Bath	bcc	c	61	70	Tr.	—	2.9	6.4
	Weymouth ...	cbc	bcb	59	71	—	—	5.3	8.7
	Jersey ...	cbc	bcb	59	73	—	—	6.0	10.3
	Torquay ...	c	bc	58	70	—	—	0.8	4.9
	Penzance ...	cbc	cb	58	68	—	—	2.0	4.6
	St. Ives ...	c	c	56	67	—	—	0.2	4.1
	Buda	cbc	c	59	67	—	—	1.1	1.0
	Ilfracombe ...	cbcc	bcc	60	69	0.5	—	4.9	1.0
6	Aberystwyth	prc	cbcc	53	67	0.3	—	0.7	1.6
7	Llandudno ...	bc	bcb	61	70	0.2	—	8.8	2.9
	Colwyn Bay...	bcbcb	bcbcb	62	71	—	—	8·0	2·5
	Rhyl	cbcc	cbcb	62	71	—	—	8.1	3.7
8	Wallasey ...	cbc	bc	62	73	—	—	5.8	4.0
	Southport‖ ...	obcb	b	62	71	1	—	5.6	2.8
	Blackpool ...	c	c	60	70	0.1	—	4.3	2.8
	Morecambe ...	dcbc	bc	59	68	2	2	2.4	2.2
9	Ilkley	c	cb	60	72	0.6	—	2.6	3.5
10	Berwick-on-T.	c	cpc	59	70	—	—	2.5	5.2
11	Dunbar ...	bc	bc	59	72	—	—	3.8	6.2
12	Troon... ...	rocccv	cbcc	58	66	1	—	1.0	2.0
	Douglas ...	cbbc	bccbq	55	64	Tr	—	6.7	2.3

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



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 5/10 clouded. ◑ Sky 5/10 to 8/10 clouded. ◑ Sky 1/10 to 4/10 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. 17th July, 1934.
1 S.E. England 2 E. England... 3 E. Midlands 4 W. Midlands	Light southeast or east wind; mainly fine; warm, except locally on coast.
5 S.W. England 6 South Wales	Moderate southeast or east wind, perhaps variable later; mainly fine, but a chance of thunder later; warm, except locally on coast.
7 North Wales 8 N.W. England 9 N. Midlands 10 N.E. England	Light southerly wind; fair; warm.
11 S.E. Scotland	Light or moderate southerly wind; mainly cloudy; rather warm.
12 S.W. Scotland & Isle of Man	Light or moderate southwest wind; cloudy, perhaps occasional rain; rather warm.
13. A. W. Scotld. B. N.W. Scotland	Light or moderate southwest or west wind; variable cloud; occasional showery rain locally; average temperature.
14 Mid Scotland 15 N.E. Scotland	Light or moderate south or southwest wind; cloudy, perhaps occasional rain; average temperature or rather warm.
16 Orkneys and Shetlands 17 N.W. Ireland 18 N.E. Ireland	As 13.
19 S.E. Ireland 20 S.W. Ireland	Light or moderate southerly wind, becoming variable; cloudy, perhaps occasional local rain; rather warm.

GENERAL INFERENCE.

An anticyclone centred over Germany is moving east-northeast. A trough of low pressure just off the western seaboard will move eastwards slightly and a depression over Spain will probably move north. Occasional rain is probable in the Northwest. In England and Wales weather will be fair today, but may become thundery later.

FURTHER OUTLOOK.

Rather unsettled in the Northwest; mainly fair in the Southeast, but perhaps a thundery tendency.

Forecasts issued at 0930 G.M.T.

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

H.M. Stationery Off. Lt. Press, Kingsway, W.C.2. Rs 249/27/6 W1 P.O. L.6006 (P.208, 2040, 7134)

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 17th. July 1934.

No. 26,535.

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

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	1022·2	+2	SSE	2	b	56	95	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1023·3	-2	W	2	b	55	85	9	–	–	–	0	0	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1021·7	0	SE	1	c	67	85	6	S	–	–	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021·9	-4	SE	1	b	57	95	8	–	–	–	0	0	–
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1021·1	-6	~~ENE~~ E'S	2	b	57	95	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1020·5	-12	SE	2	b	57	95	8	–	–	–	0	0	–
	Guernsey	175	1021·8	-10	–	0	b	59	85	9	–	–	–	0	0	–
6	Pembroke	142	1019·0	-4	SW	1	c	60	85	7	5	–	–	9+	9+	4000
7	Holyhead	26	1019·1	-2	SW'S	3	b	57	95	8	–	4	–	0	1	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1020·9	+2	WSW	1	bc	60	95	7	–	2	–	0	2-3	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1018·5	0	W	2	bc	59	85	7	2	–	–	2-3	2-3	2500
11	Inchkeith	190	1016·4	+4	SW	3	c	62	85	8	S	–	–	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1011·5	+8	SSW	1	pr	55	95	7	8	2	–	4·6	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1011·7	+2	SSW	2	c	57	95	8	8	1	1	4·6	7·8	2500
16	Lerwick	54	1012·0	+2	S'W	2	c	55	95	7	5	2	–	4·6	10	800
17	Blacksod Point	18	1012·8	+2	–	0	RR	58	95	7	6	–	–	10	10	450
18	Malin Head	52	1012·6	-4	S	3	r	60	95	7	8	–	–	10	10	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1016·5	-6	S'W	3	bc	60	95	8	4	–	–	2·3	2·3	4000
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1021·8	0	SW'S	2	b	62	85	7	–	8	–	0	Tr.	–	0	*
	Croydon	1021·9	-2	S	2	b	61	75	8	–	–	1	0	Tr.	–	0	*
	S. Farnborough	1021·9	-2	S'W	1	b	59	85	6	–	–	5	0	1	–	0	*
	Boscombe Down	1021·3	+4	SE'E	2	bf	55	95	2	–	–	–	0	0	–	0	*
	Calshot (S'thmtn)	1021·9	-2	NE'N	2	b	63	95	6	5	5	–	1	1	<150	0	1
	Dungeness	*	*	SW	1	b	*	*	7	–	–	*	0	0	–	*	0
	Lympne	1022·8	-4	SE'S	1	b	63	85	7	5	–	–	Tr.	Tr.	220	0	*
2	Shoeburyness	1022·6	0	SW	2	b	65	75	7	–	–	–	0	0	–	0	*
	Felixstowe	1021·9	+2	SW'S	1	3o	64	75	6	–	–	–	0	0	–	0	1
	Gorleston	1021·3	-2	SE'E	2	3o	65	95	5	–	–	–	0	0	–	0	1
	Cranwell	1021·7	+2	W'S	1	3o	62	75	6	5	3	–	4·6	7·8	4000	0	*
3	Birmingham	1021·2	0	SE	1	bc	60	75	6	–	–	1	0	2·3	–	0	*
	Upper Heyford	1021·5	-4	S	1	3o	59	85	6	–	–	5	0	2·3	–	0	*
4	Ross-on-Wye	1020·6	-4	W	1	bc	61	85	7	–	–	4	0	2·3	–	0	*
5	Portland Bill	1020·3	-10	ESE	3	bc	62	85	8	4	–	1	2·3	4·6	2500	0	2
	Plymouth	1019·1	-10	E	4	bc	63	85	8	–	–	6	0	2·3	–	0	1
	The Lizard	1017·5	-10	ENE	4	bc	63	85	8	7	–	–	2·3	2·3	4000	0	2
	Scilly (St. Mary's)	1017·3	-8	ESE	4	bc	63	85	8	–	–	3	0	4·6	–	0	3
	Guernsey	1020·4	-4	SSE	1	b	66	75	8	–	–	–	0	0	–	0	2
6	Pembroke	1018·3	-2	ESE	1	bc	60	95	7	–	7	2	0	4·6	–	0	1
7	Holyhead	1018·6	+2	S	3	c	61	85	8	5	–	–	9+	9+	4000	0	1
	Chester (Sealand)	1020·4	+2	S	2	c	63	75	8	5	–	–	9	9	4000	0	*
8	L'pool (Bidston)	1020·9	0	S'E	2	c	62	65	8	5	–	–	9	9	4000	0	*
	Manchester	1020·4	+2	SW	3	c	63	65	7	5	–	–	9+	9+	2500	0	*
9	Harrogate	1020·6	+6	S	1	c	60	85	5	5	–	–	9+	9+	4000	0	*
10	Spurn Head	1021·0	0	–	0	bc	65	85	6	–	1	9	0	2·3	–	0	1
	Catterick	1020·1	+2	SSW	2	c	60	85	7	5	–	–	9+	9+	4000	0	*
	Tynemouth	1019·0	+8	SW	3	bc	60	75	6	5	4	–	2·3	4·6	1500	0	1
11	Inchkeith	1016·7	+2	S	1	c	61	85	8	8	3	–	4·6 ~~9+~~	9+	2500	0	1
	Leuchars	1016·4	+4	SSW	4	bc	62	85	7	5	4	1	1	2·3	2500	1	*
12	Renfrew (Abbotts D)	1016·2	+6	SSW	4	bc	62	85	8	7	6	1	2·3	2·3	2500	1	*
	Eskdalemuir	1018·0	+6	SSW	4	c	57	95	6	5	–	–	9+	9+	450	1	
13A	Tiree	1013·3	+12	–	0	id.	57	95	7	6	2	–	2·3	9	1500	1	1
13B	Stornoway	1012·9	+10	S	1	c	55	95	8	8	6	–	4·6	7·8	1500	1	1
15	Dalwhinnie	1014·7	+6	SE	5	c	59	75	8	3	4	–	4·6	9	1500	1	*
	Aberdeen	1015·4	+8	SE'S	3	3o	60	85	6	5	7	–	7·8	9	800	0	1
	Wick	1013·4	+10	S	2	pr.	58	95	8	8	1	8	7·8	10	1500	0	2
16	Lerwick	1013·2	+8	SW	1	c	56	95	7	5	2	–	7·8	9+	1500	0	*
17	Blacksod Point	1014·1	+4	–	0	RR	58	95	7	6	–	–	10	10	450	2	1
18	Malin Head	1014·0	+8	S'W	4	dr	58	95	6	6	2	–	7·8	10	2500	1	2
	Aldergrove	1016·1	+6	S'W	3	c	58	85	8	5	4	6	1	7·8	2500	1	*
	Donaghadee	1017·8	+4	SW	2	bc	61	85	8	8	3	–	2·3	4·6	2500	0	1
19	Birr Castle	1016·2	0	SW	1	c	61	75	8	5	–	–	7·8	7·8	~~7000~~	0	*
20	Valentia Obsy.†	1014·9	-6	S	4	c	62	75	8	7	–	9	2·3	7·8	2500 4000	0	2
	Roches Point	1016·8	-4	SW	2	c	61	95	8	3	–	–	7·8	7·8	2500	0	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.~~ 18h. Hrs. (36)
1	London (Kew)	74	54	44	–	–	~~0·1~~
	Croydon	73	53	49	–	–	2·9
	S. Farnborough	74	49	37	–	–	1·2
	Boscombe Down	68	51	42	–	–	3·6
	Calshot (S'thmtn)	72	55	47	–	–	12·3
	Dungeness	69	53	*	–	–	*
	Lympne	72	53	45	–	–	10·6
2	Shoeburyness	76	54	45	–	–	3·6
	Felixstowe	73	58	54	–	–	3·1
	Gorleston	72	60	59	–	–	6·2
	Cranwell	73	58	55	–	–	2·5
3	Birmingham	71	54	39	–	–	5·7
	Upper Heyford	69	51	41	–	–	*
4	Ross-on-Wye	72	52	43	–	–	4·4
5	Portland Bill	64	57	*	–	–	*
	Plymouth	69	53	50	–	–	6·5
	The Lizard	68	<57	*	–	–	*
	Scilly (St. Mary's)	68	56	*	–	–	0·4
	Guernsey	70	58	54	–	–	10·0
6	Pembroke	63	56	*	–	–	0·4
7	Holyhead	67	57	54	–	–	10·0
	Chester (Sealand)	75	59	57	Tr.	–	5·6
8	L'pool (Bidston)	72	60	55	–	–	8·2
	Manchester	75	59	52	Tr.	–	5·1
9	Harrogate	70	55	49	–	–	5·2
10	Spurn Head	77	59	*	–	Tr.	8·1
	Catterick	69	52	47	Tr.	–	5·3
	Tynemouth	72	56	53	–	–	*
11	Inchkeith	69	59	57	Tr.	–	3·5
	Leuchars	72	57	53	Tr.	–	2·3
12	Renfrew (Abbotts D)	70	59	55	Tr.	1	2·2
	Eskdalemuir	64	55	55	2	0·1	1·7
13A	Tiree	61	56	50	4	6	0·0
13B	Stornoway	60	54	*	~~0·4~~	3	0·3
15	Dalwhinnie	65	55	51	0·2	1	0·5
	Aberdeen	70	56	53	0·1	–	4·7
	Wick	66	56	*	Tr.	Tr.	*
16	Lerwick	63	55	*	–	0·1	2·9
17	Blacksod Point	63	54	*	8	30	*
18	Malin Head	64	57	*	3	2	0·1
	Aldergrove	71	55	49	0·5	1	2·0
	Donaghadee	71	55	*	0·2	0·3	*
19	Birr Castle	69	54	46	–	–	3·1
20	Valentia Obsy.†	68	59	55	0·1	–	4·5
	Roches Point	68	60	*	–	–	*

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	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	c	cy	cbo	74	54	44	–	–	2·1	*	*	8
Croydon	217	c	c	cbcbof	73	53	49	–	–	2·9	*	*	8
Greenwich (Royal Observatory)	149	c	cy	cb	76	51	42	–	–	2·7	57	57	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	1·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	72	55	49	–		1·0	59	60	*
‡Regents Pk. (Botanic Gardens)	139	*	*	*	74	56	49	–	–	1·6	56	52	*
Camden Square	110	c	c	*	75	57	50	–	–	*	*	60	*
Kensington	80	bcc	c	*	74	55	46	–	–	1·5	At 18h. G. 61	57	*
Hampstead Observatory	450	c	bc	bc	72	54	51	–	–	1·1	*	71	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·3	6h. 17th.	<0·3	8h. 16th – 8h. 17th

Kew Observatory Max.	Time.	Min.	Time.
0·2	6h. 17th.	<0·1	15h. 16th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th. July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 17th. July 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	NW	1	b	79	1021·3	–	0	3o	70	81	55	–	–
Brussels	1021·8	WSW	1	b	73	1022·2	SE	1	b	70	77	54	–	–
Berlin	1019·2	NW	4	bc	72	1021·7	NW	1	b	68	77	59	–	–
Zürich	1021·2	ESE	2	bc	68	1021·8	*	*	bc	59	73	54	–	–
Rome	1012·5	N	3	bc	75	1015·5	N	4	b	77	*	*	–	–

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.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 18th. July 1934.

No. 26,536

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

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)	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)	1018.9	-24	S	2	bc	78	45	8	7	–	–	2-3	2-3	4000
	Croydon	1018.8	-22	SE	2	b	79	45	9	1	–	1	1	1	5700
	S. Farnborough	1018.3	-22	S'E	2	b	79	45	8	1	3	1	Tr	1	4000
	Boscombe Down	1017.6	-28	SSE	3	bc	78	55	8	1	–	8	Tr	2-3	4000
	Calshot, S'thmtn	1019.1	-20	ESE	5	bc	70	75	8	2	–	–	2-3	2-3	4000
	Dungeness	*	*	ENE	1	bc	*	*	7	1	3	*	1	2-3	4000
	Lympne	1020.5	-18	SE'E	2	b	75	45	8	1	–	–	Tr	Tr	4000
2	Shoeburyness	1020.2	-20	E	4	b	73	65	8	1	–	1	Tr	Tr	4000
	Felixstowe	1020.7	-10	ESE	3	b	69	65	8	–	–	1	0	1	–
	Gorleston	1020.7	-8	SE	4 (3)	bc	69	75	7	–	–	6	0	2-3	–
	Cranwell	1019.0	-10	SE'E	~~4~~	bc	78	45	7	1	–	8	1	4-6	4000
3	Birmingham	1018.1	-16	S	3	bc	76	45	8	–	–	1	0	2-3	–
	Upper Heyford	1018.2	-22	S	2	bc	79	45	8	1	–	5	1	2-3	4000
4	Ross-on-Wye	1017.3	-14	SW'S	3	bc	79	45	8	1	–	6	1	4-6	5700
5	Portland Bill	1015.2	-12	E'S	4	c	67	75	8	2	–	1	4-6	7-8	2500
	Plymouth	1017.1	-6	ESE	4	c	78	55	8	1	7	8	Tr	9	5700
	The Lizard	1016.2	-4	ENE	3	c	63	95	7	5	2	–	3	10	2500
	Scilly (St. Mary's)	1014.4	-10	ESE	3	c	64	85	8	5	7	–	2-3	9+	2500
	Guernsey	1016.5	-30	–	0	bc	75	55	8	–	7	–	0	2-3	–
6	Pembroke	·	-12	SE	2	c	68	65	7	5	3	–	2-3	9	5700
7	Holyhead	1017.1	-14	SSW	3	c	69	55	8	1	5	6	Tr	7-8	4000
	Chester (Sealand)	1017.5	-22	S	2	c	75	55	8	1	2	4	4-6	7-8	4000
8	L'pool (Bidston)	1017.4	-10	SE	3	bc	75	55	8	7	–	1	4-6	4-6	4000
	Manchester	1017.6	-26	SW	3	zo	75	45	6	1	–	6	2-3	4-6	4000
9	Harrogate	1018.1	-14	S'W	2	bc	73	55	7	5	–	2	1	4-6	4000
10	Spurn Head	1019.9	-2	ESE	3	bc	68	75	7	–	7	1	0	2-3	–
	Catterick	1018.0	-18	S'W	3	c	72	55	7	8	–	6	4-6	7-8	4000
	Tynemouth	1015.0	-8	SW	3	bc	70	55	7	9	–	–	4-6	4-6	1500
11	Inchkeith	1016.6	0	SSW	2	c	67	65	8	7	–	–	7-8	7-8	4000
	Leuchars	1016.0	-6	SW	4	bc	70	55	8	7	–	1	4-6	4-6	2500
12	Renfrew (Abbotts I.)	1015.7	-6	SW'W	4	bc	70	55	8	1	–	9	2-3	2-3	4000
	Eskdalemuir	1017.4	-6	SSW	4	c	62	65	8	5	–	–	9+	9+	2500
13A	Tiree	1015.3	+2			c	57	95	7	5	–	–	7-8	7-8	1500
13B	Stornoway	1014.2	+6	~~SSE~~ S	~~2~~ 3	c	57	95	8	8	7	–	4-6	9+	1500
15	Dalwhinnie	1014.6	0	SW	5	bc	65	75	8	4	2	–	2-3	4-6	2500
	Aberdeen	1015.0	-4	S'E	4	bc	70	55	8	7	–	5	2-3	2-3	2500
	Wick	1013.8	+2	SSW	2	c	62	85	8	8	1	–	7-8	9+	1500
16	Lerwick	1014.7	-10	~~SSE~~ SW	2	c	61	85	7	7	3	9	2-3	7-8	1500
17	Blacksod Point	1014.2	+4	SW	1	c	60	85	7	5	–	–	10	10	450
18	Malin Head	1014.2	+2	NW	1	c	66	85	8	8	–	–	9	9	4000
	Aldergrove	1015.5	-6	SSW	4	c	67	65	9	8	–	–	7-8	7-8	2500
	Donaghadee	1016.3	-4	SW	3	bc	70	55	8	8	–	–	4-6	4-6	1500
19	Birr Castle	1015.1	-6	S	1	c	68	65	8	5	–	–	9+	9+	2500
20	Valentia Obsy.	1014.3	-6	S	5	c	69	75	8	8	–	2	4-6	9	1500
	Roches Point	1015.2	-10	SW	3	bc	65	85	8	5	–	–	4-6	4-6	2500

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

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)
London (Kew)	1016.6	-10	S	3	b	83	55	8	–	–	5	0	1	–	0	·
Croydon	1017.2	-10	SSE	2	b	79	45	9	1	–	1	Tr	1	5700	0	·
S. Farnborough	1016.3	-10	SSE	4	bc	78	45	8	1	8	3	Tr	2-3	5700	0	·
Boscombe Down	1015.8	-18	SE'E	3	c	75	55	7	7	7	8	2-3	7-8	4000	0	·
Calshot, S'thmtn	1017.0	-16	SE'E	3	c	69	75	7	2	9	6	Tr	7-8	4000	0	1
Dungeness	*	*	NE	2	b	*	*	7	–	–	*	0	0	–	*	1
Lympne	1018.1	-10	NE	3	b	74	55	7	–	–	–	0	0	–	0	·
Shoeburyness	1017.6	-10	ESE	4	b	70	65 (75)	8	–	–	–	0	0	–	0	·
Felixstowe	1018.6	-8	ENE	2	b	67	75	8	–	–	1	0	1	–	0	0
Gorleston	1018.5	-6	SE	3	bc	67	~~65~~ 75	7	–	4	–	0	2-3	–	0	2
Cranwell	1016.8	-12	E	2	c	77	55	7	1	3	6	Tr	7-8	4000	0	·
Birmingham	1015.3	-16	S	1	c	77	55	8	5	7	6	2-3	9	4000	0	·
Upper Heyford	1015.9	-18	SW	3	c	77	55	8	1	4	8	Tr	7-8	2500	0	·
Ross-on-Wye	1014.8	-14	S	3	c	76	55	8	6	2	–	1	9+	4000	0	·
Portland Bill	1014.7	-32	E	4	pr	64	85	7	5	–	–	10	10	1500	1	2
Plymouth	1012.2	-48	ESE	5	c/r	67	75	8	5	7	1	4-6	7-8	5700	1	2
The Lizard	1013.1	0	ESE	4	bc	68	75	8	7	6	–	2-3	4-6	4000	0	2
Scilly (St. Mary's)	1013.5	+6	WNW	2	bc	70	75	7	5	7	–	2-3	4-6	4000	0	2
Guernsey	1014.8	-26	E'N	2	c	66	75	7	8	–	–	7-8	7-8	4000	0	2
Pembroke	1012.3	-10	SE	2	c	69	65	7	5	6	1	1	7-8	5700	0	2
Holyhead	1014.6	-22	E'N	2	c/pr	64	65	8	8	2	8	4-6	9+	4000	0	1
Chester (Sealand)	1015.2	-18	NWW	2	c	70	75	7	8	8	8	4-6	7-8	4000	0	·
L'pool (Bidston)	1015.0	-10	–	0	u	72	55	8	8	4	6	7-8	9+	4000	0	·
Manchester	1015.2	-18	S	2	c	78	45	8	1	8	9	Tr	9+	5700	0	·
Harrogate	1015.6	-10	S	1	c	75	55	7	5	8	9	4-6	7-8	4000	0	·
Spurn Head	1017.4	-4	SE	3	bc	64	85	7	–	2	2	0	4-6	–	0	2
Catterick	1015.8	-8	–	0	c	74	65	6	4	3	1	4-6	7-8	4000	0	·
Tynemouth	1017.1	-8	SE	2	bc	63	85	7	4	–	–	4-6	4-6	4000	0	1
Inchkeith	1016.1	-2	SW	1	c	68	65	8	7	–	6	7-8	9	4000	0	1
Leuchars	1015.9	-2	SSW	4	c	67	65	8	7	–	6	1	7-8	2500	1	·
Renfrew (Abbotts I.)	1015.4	-2	SW'W	2	c	67	65	8	7	–	1	7-8	9	5700	0	·
Eskdalemuir	1016.1	-10	S	3	c	66	65	8	1	–	6	Tr	7-8	4000	1	·
Tiree	1014.2	-2	SSE	1	c	60	95	8	5	2	–	7-8	9+	2500	1	1
Stornoway	1015.0	+2	–	0	c	57	85	8	8	7	–	7-8	10	1500	1	0
Dalwhinnie	1015.4	+4	W	4	c	61	75	8	3	4	–	4-6	7-8	2500	0	
Aberdeen	1015.6	-2	S	4	bc	67	55	8	2	–	6	1	4-6	2500	0	1
Wick	1014.8	+4	N	2	c	57	95	7	8	1	–	7-8	9+	1500	0	2
Lerwick	1015.0	+8	–	0	dd	58	95	6	6	2	–	4-6	10	800	1	·
Blacksod Point	1012.4	+8	S	4	id	60	85	8	6	–	–	10	10	450	?	4
Malin Head	1013.8	+2	E	1	pr	60	95	7	8	2	–	4-6	10	800	1	1
Aldergrove	1014.4	-8	SE'S	4	bc	66	65	9	4	–	–	4-6	4-6	4000	1	·
Donaghadee	1014.8	-6	S	2	bc	64	75	8	8	3	–	4-6	4-6	1500	0	1
Birr Castle	1012.8	-8	S	1	c	72	55	8	5	–	–	9	9	2500	0	·
Valentia Obsy.	1013.4	-6	S	3	c/r	67	75	8	8	5	1	4-6	7-8	1500	0	1
Roches Point	1013.8	-8	SE	2	bc	66	85	8	5	–	–	4-6	4-6	2500	0	3

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 17th. (37)	13h.–18h. 17th. (38)	18h 17th to 1h. 18th. (39)	1h.–7h. 18th. (40)
London (Kew)	bbcb	by	cybc	bcmo
Croydon	by	bbcy	bcybccb	bcwmo
S. Farnborough	by	by	bybcc	cbcm
Boscombe Down	bfbcb	bbcycy	cbcb	bmo
Calshot, S'thmtn	b	bbc	bc	bcb
Dungeness	b	b	·	bc
Lympne	by	by	bbcy	cpro by
Shoeburyness	b	b	b	bmo
Felixstowe	bzob	bcb	b	bbczo
Gorleston	bbc	bc	bcb	bcc
Cranwell	bcy	bcy	cro ro	ro cmo
Birmingham	b	bbc	cpro	cir
Upper Heyford	bcb	bcy	bcrob	bbcmo
Ross-on-Wye	bcbbcy	bcycy	poc	cpct
Portland Bill	bcc	opr	cbc	bc
Plymouth	bccy	cyro	cb	bbc
The Lizard	bcc	cprbc	bc	bc
Scilly (St. Mary's)	bccpo	cbc	bcc bc	cbccw
Guernsey	bbc	bcc	cbcb	bbccz
Pembroke	bcc	cproc	clproc	cmoc
Holyhead	cbc	ctpro	llpro	proc
Chester (Sealand)	c	yc	ctlro	cmotR
L'pool (Bidston)	cbcy	bccy	ctlrc	cprc
Manchester	cbcy	bccy	tlrr	crmo
Harrogate	cbc	bcc	c	ciR
Spurn Head	bc	bc	prol	tlr
Catterick	cbcy	cybczo	cmorr	rrmororo
Tynemouth	bc	bc	coirtl	orr-bc
Inchkeith	c	c	cir	crr
Leuchars	bbcy	bcy	bcc	crrroro
Renfrew (Abbotts I.)	bcbcy	cyc	c	cRcromo
Eskdalemuir	cmoc	cbc	ctlR	tlrrc
Tiree	cid	cido	oir	oiro
Stornoway	c	cpro	cproc	cRRo
Dalwhinnie	bc	bc	·	ir
Aberdeen	czobcb	bbcy	bcc	cmorr
Wick	cproc	cproc	cfofo	FF
Lerwick	c	cddmo	cddifo	offe
Blacksod Point	iR	iR	ifo	bc
Malin Head	cidrc	cjp	cir	cpr
Aldergrove	cbc	c	bcpro	bccltroc
Donaghadee	bc	bc	FRbc	bc
Birr Castle	c	cy	c	c
Valentia Obsy.	c	ccroc	ccpro	cpro bcc
Roches Point	cbc	bc	bcc	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/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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

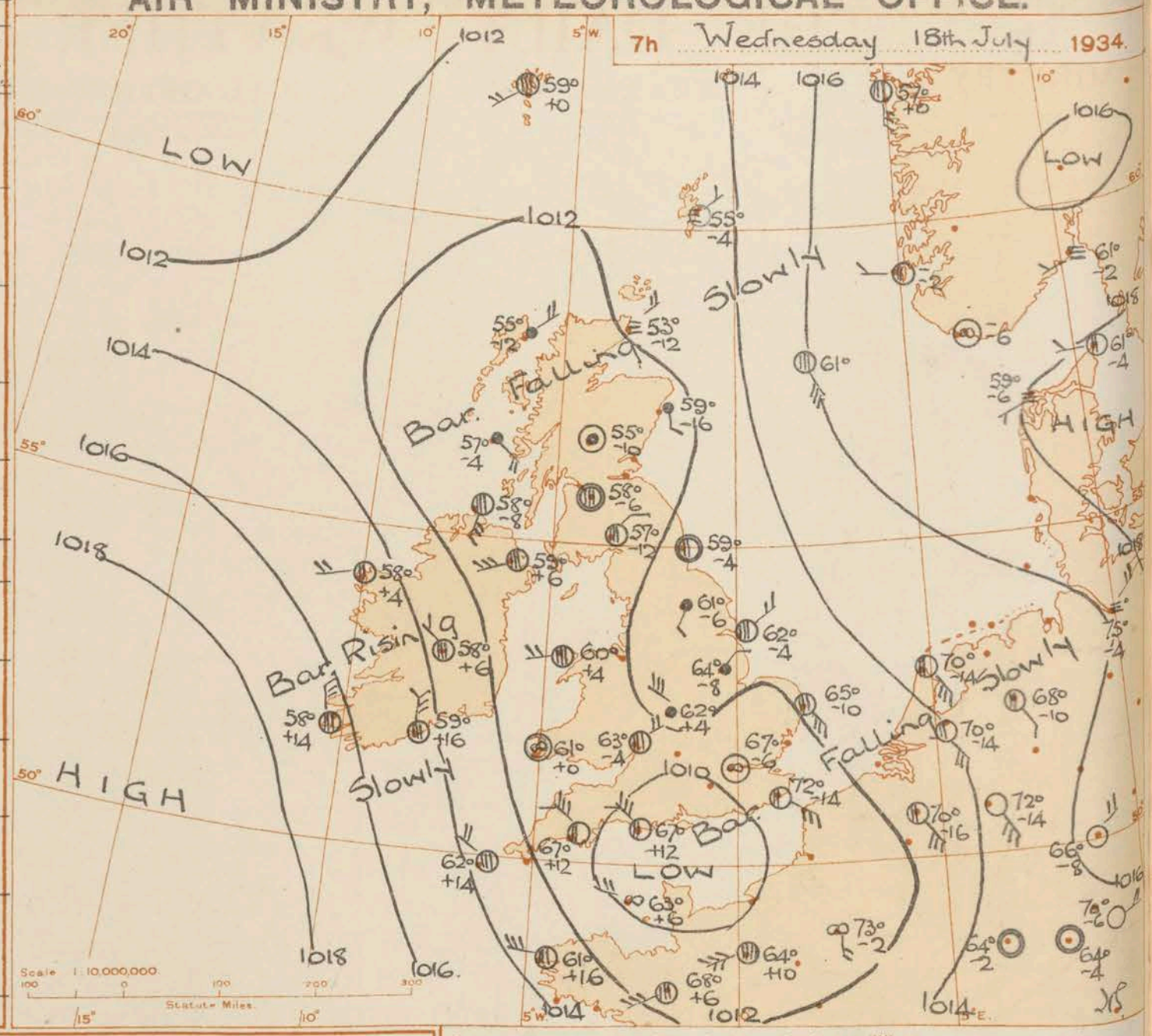
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Tuesday 17th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 16th to 9h. 17th.	Temperature. Max. 9h.—17h. 17th.	Rainfall. Night. 17h. 16th to 9h. 17th.	Rainfall. Day. 9h.—17h. 17th.	Sunshine. Sunrise to 17h. 17th.	Sunshine. Sunrise to Sunset. 16th.
1	Tunbridge W.	b	b	47	84	—	—	12.7	8.5
	Bournemouth	b	b	49	80	—	—	11.3	11.4
	Ventnor ...	b	b	56	74	—	—	12.2	12.3
	Southsea ...	b	b	56	78	—	—	12.2	12.8
	Bognor Regis	b	b	54	74	—	—	11.6	12.1
	Littlehampton	b	b	53	78	—	—	11.7	12.2
	Worthing ...	b	b	54	77	—	—	12.1	11.7
	Brighton ...	b	b	51	79	—	—	11.8	10.5
	Eastbourne†	b	b	53	72	—	—	12.2	11.0
	Hastings† ...	b	b	54	78	—	—	12.2	8.3
	Folkestone ...	b	b	51	73	—	—	11.4	5.5
	Dover... ...	yb	by	53	76	—	—	12.4	3.9
	Deal	b	b	55	73	—	—	12.1	10.1
	Ramsgate ...	b	b	58	69	—	—	12.7	8.2
	Margate ...	b	bc	57	73	—	—	12.7	6.2
2	Southend ...	b	b	57	79	—	—	12.0	2.7
	Maldon ...	b	b	53	80	—	—	11.5	0.6
	Clacton-on-Sea	bw	bbc	58	71	—	—	11.6	0.7
	Dovercourt ...	bcc	bvc	57	71	—	—	11.6	3.3
	Lowestoft ...	bbc	b	58	71	—	—	11.8	4.9
	Skegness ...	b	b	57	74	—	—	12.0	2.8
	Mablethorpe	bc	bc	54	72	—	—	11.3	6.4
	Cleethorpes...	b	b	56	73	—	—	10.8	7.2
3	Leamington S.	bc	bcc	50	82	—	—	10.8	2.1
4	Cheltenham†	bcqb	bbccq	53	79	—	—	11.0	3.9
5	Bath	b	bbcc	50	72	—	—	11.0	3.0
	Weymouth ...	b	bc	51	70	—	—	9.7	8.0
	Jersey ...	b	bc	61	85	—	—	11.7	9.0
	Torquay ...	bbcc	c	52	71	—	—	8.2	3.0
	Penzance ...	bbc	crb	54	72	—	0.2	6.8	2.2
	St. Ives ...	c	c	57	73	—	—	6.5	0.2
	Bude	bc	cprbc	50	81	—	Tr	7.8	1.1
	Ilfracombe ...	b	bbcc	56	80	—	—	8.1	4.9
6	Aberystwyth	ebc	bcc	60	77	—	—	6.6	0.7
7	Llandudno ...	bc	bcc	55	70	—	—	5.6	11.4
	Colwyn Bay...	bcb	bcc	53	71	—	—	7.1	10.9
	Rhyl	ebc	bcc	59	74	—	—	4.8	10.8
8	Wallasey ...	bcbbc	bc	60	76	—	—	6.8	8.6
	Southport‖ ...	bcb	bbcb	56	75	—	—	6.3	8.3
	Blackpool ...	c	c	55	73	—	—	6.3	6.7
	Morecambe ...	cbcb	bbcc	55	74	—	—	5.0	5.0
9	Ilkley	bc	bc	52	81	—	—	6.8	5.3
10	Berwick-on-T.	cbc	bc	55	71	—	—	9.8	4.9
11	Dunbar ...	bc	bc	60	71	—	—	10.4	6.1
12	Troon... ...	bcvbc	bbc	59	66	—	—	10.1	1.0
	Douglas ...	cb	cb	56	67	—	—	6.5	6.8

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



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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th July, 1934.
1 S.E. England 2 E. England...	Light easterly or variable wind, becoming westerly; variable cloud; probably local thunderstorms or thundery showers; cooler later.
3 E. Midlands 4 W. Midlands	Light variable wind becoming westerly; mainly cloudy; occasional thunderstorms or thundery rain; brighter and cooler later.
5 S.W. England 6 South Wales 7 North Wales 8 N.W. England	Moderate northwest or west wind; variable cloud; local showers today, possibly with thunder; slightly cooler.
9 N. Midlands 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man	Light variable wind, becoming westerly; mainly cloudy; occasional thundery rain; brighter later; average or rather high temperature.
13 A. W. Scotld. B. N.W. Scotland	Light variable wind, probably freshening later from west or southwest; occasional rain, perhaps local thunder at first; average temperature.
14 Mid Scotland 15 N.E. Scotland 16 Orkneys and Shetlands	Light variable wind; cloudy, occasional thundery rain; local coastal fog; average temperature or rather warm.
17 N.W. Ireland 18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	As 5 - 8.

GENERAL INFERENCE.

An elongated shallow depression over Great Britain will move northeast or north and a ridge of high pressure advance from the Atlantic. There will be local showers in the West and Southwest, and thunderstorms or thundery rain elsewhere. Conditions will become cooler in the Southeast.

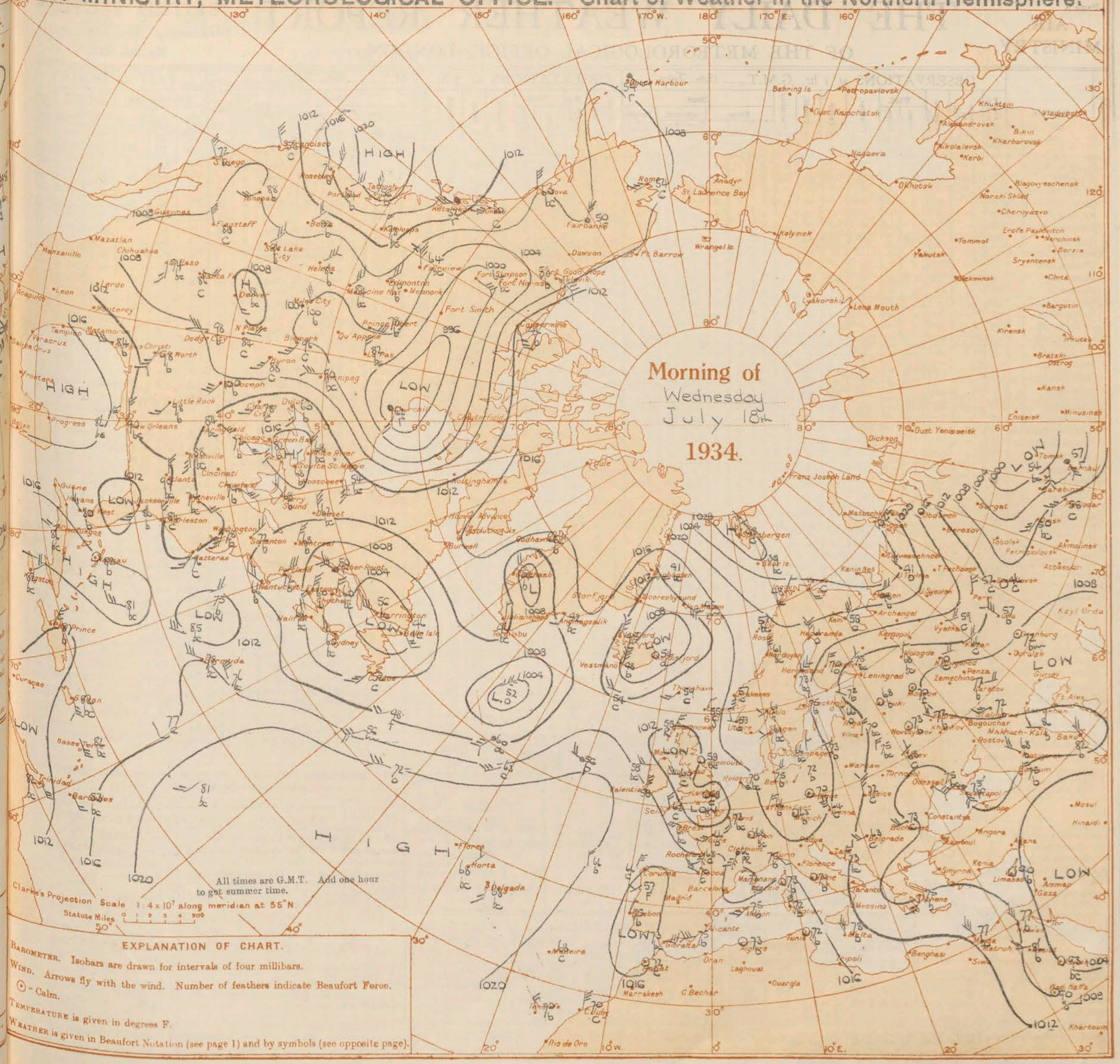
FURTHER OUTLOOK.

Mainly fair in the South; unsettled in the 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.



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 18th July 1934.

No. 26,536

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

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	1013·9	-16	NE'E	1	b	63	85	6	5	-	-	1	1	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1014·0	-18	ESE	3	c	70	55	7	-	3	1	0	7-8	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1014·8	-20	E'S	4	b	65	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1010·4	-16	ENE	4	bc	68	65	7	5	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1011·4	-12	NNE	4	b	64	75	8	7	-	-	1	1	4000
	Scilly (St. Mary's)	163	1012·7	-8	NW	3	c	61	85	8	5	-	-	9	9	4000
	Guernsey	175	1010·2	-24	-	0	b	64	85	7	-	-	-	0	0	-
6	Pembroke	142	1010·9	-8	SW	1	pc	63	85	7	5	-	-	9+	9+	4000
7	Holyhead	26	1011·8	-12	ESE	1	c	61	85	8	8	-	3	4-6	9	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1014·5	-8	SSE	3	1	64	95	7	3	2	-	7-8	9+	4000
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1015·0	-4	SE	2	ir	61	85	6	6	-	-	10	10	1500
11	Inchkeith	190	1013·9	-8	S	1	c/r	61	85	8	5	2	-	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1013·7	-8	NE	2	c	55	95	9	5	-	-	10	10	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1015·2	-10	NE	1	F+	53	95	1	5	-	-	10	10	<150
16	Lerwick	54	1014·5	-4	NE	1	c	56	95	7	5	7	-	4-6	9	1500
17	Blacksod Point	18	1013·4	+4	N	1	c	55	95	8	7	-	-	7-8	7-8	800
18	Malin Head	52	1011·0	-16	E'N	1	c/r	57	95	7	9	-	-	9	9	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1014·3	+6	W	4	r	58	95	6	6	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1010·2	-10	NE'N	2	bc	69	75	5	7	-	-	4-6	4-6	4000	0	*
	Croydon	1010·8	-6	-	0	3o	67	75	5	7	-	1	7-8	7-8	5700	0	*
	S. Farnborough	1009·9	-10	NW	1	bc	66	85	5	-	8	-	0	2-3	-	0	*
	Boscombe Down	1010·2	-8	N'E	3	3o	65	95	6	7	-	-	2-3	2-3	5700	0	*
	Calshot (S'thmtn)	1009·5	-6	N'E	2	b	69	75	6	-	8	-	0	1	-	0	1
	Dungeness	*	*	E'N	2	bc	*	45	6	1	6	*	4-6	4-6	2500	*	0
	Lympne	1010·6	-14	ESE	3	bc	72	56	8	-	8	-	0	2-3	-	0	*
2	Shoeburyness	1010·9	-10	WSW	2	bc	69	75	6	8	-	-	4-6	4-6	4000	0	*
	Felixstowe	1011·7	-4	SE	1	3o	68	75	6	1	8	-	4-6	4-6	4000	0	0
	Gorleston	1012·4	-10	SE'S	3	c	65	85	6	7	3	-	4-6	7-8	2500	0	2
	Cranwell	1012·1	-8	NNE	1	pr	64	85	6	7	3	1	7-8	9	4000	1	*
3	Birmingham	1012·8	+2	NNW	3	ir	62	85	5	6	7	-	7-8	9+	2500	1	*
	Upper Heyford	1010·9	-10	NNW	3	bc	65	85	6	8	9	-	2-3	4-6	5700	0	*
4	Ross-on-Wye	1011·5	-4	NE'E	2	t	63	85	7	3	3	3	7-8	9	4000	1	*
5	Portland Bill	1009·2	+6	NNW	3	bc	70	65	7	-	4	-	0	2-3	-	1	3
	Plymouth	1011·5	+12	NW	4	bc	67	85	8	-	8	-	0	4-6	-	0	1
	The Lizard	1012·7	+4	NW'W	5	bc	62	95	8	8	7	-	2-3	4-6	2500	0	2
	Scilly (St. Mary's)	1014·0	+14	NW'N	2	c	62	95	8	8	-	1	7-8	7-8	2500	0	1
	Guernsey	1009·8	+6	WNW	3	3o	63	85	6	-	3	8	0	7-8	-	0	3
6	Pembroke	1011·7	0	-	0	3o	61	95	7	5	4	1	4-6	7-8	4000	0	0
7	Holyhead	1011·5	+4	W	2	c	60	85	7	5	-	-	9	9	4000	0	1
	Chester (Sealand)	1011·9	-2	SSE	1	3o	60	95	5	8	8	3	2-3	7-8	7200	1	*
8	L'pool (Bidston)	1011·7	-2	E'S	1	m	62	95	4	5	7	6	2-3	4-6	1500	1	*
	Manchester	1012·1	+6	SE'S	2	ir	61	95	5	9	2	-	7-8	9+	2500	1	*
9	Harrogate	1012·7	-6	SSW	1	r	61	95	7	6	7	-	7-8	9+	4000	1	*
10	Spurn Head	1012·2	-4	NE	2	c	62	95	6	-	7	-	0	7-8	-	1	1
	Catterick	1012·2	-2	-	0	c	59	95	7	5	8	-	7-8	9	2500	1	*
	Tynemouth	1012·3	-4	-	0	bc	59	95	6	4	-	-	4-6	4-6	4000	1	1
11	Inchkeith	1011·5	-10	E	2	c/r	59	95	8	8	7	8	4-6	9+	2500	1	1
	Leuchars	1011·8	-10	E	1	c/r	60	95	5	5	1	-	7-8	10	1500	1	*
12	Renfrew (Abbotts I)	1010·8	-6	-	0	c/r	58	95	5	6	-	-	9+	9+	1500	1	*
	Eskdalemuir	1011·3	-12	NNE	1	c	57	95	8	8	-	-	9+	9+	2500	1	*
13A	Tiree	1010·4	-4	SE'S	2	ir	57	95	7	5	-	-	9+	9+	2500	1	2
13B	Stornoway	1010·9	-12	NE	2	RR	55	95	5	5	-	-	10	10	450	1	1
15	Dalwhinnie	1011·6	-10	-	0	ir	55	95	7	3	2	-	7-8	10	800	1	*
	Aberdeen	1012·0	-16	S	1	rr	59	95	5	6	2	-	9	10	800	1	1
	Wick	1012·2	-12	NE	2	F	53	95	1	5	-	-	10	10	<150	0	1
16	Lerwick	1013·6	-4	NNE	1	f	55	95	3	5	-	-	10	10	<150	1	*
17	Blacksod Point	1014·4	+4	W	2	bc	58	65	8	4	-	-	4-6	4-6	1500	1	2
18	Malin Head	1009·4	-8	SSW	3	c	58	95	9	9	-	-	9+	9+	800	1	0
	Aldergrove	1011·7	+6	WSW	3	c	59	95	8	5	-	-	9+	9+	800	1	*
	Donaghadee	1011·2	-6	S'W	1	bc	60	95	7	8	3	-	4-6	4-6	1500	1	0
19	Birr Castle	1013·5	+6	NW	1	c	58	85	8	5	-	-	9+	9+	2500	0	*
20	Valentia Obsy.†	1016·8	+14	N	3	c	58	85	8	8	3	2	4-6	7-8	2500	0	2
	Roches Point	1014·2	+16	N	4	c	59	75	8	3	-	-	7-8	7-8	2500	0	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 17th Hrs. (36)
1	London (Kew)	83	64	53	-	-	13·7
	Croydon	82	60	54	-	-	14·0
	S. Farnborough	82	55	46	-	-	13·1
	Boscombe Down	80	56	52	-	-	10·7
	Calshot (S'thmtn)	72	63	56	-	-	12·9
	Dungeness	71	62	*	-	-	*
	Lympne	78	64	62	-	Tr.	14·1
2	Shoeburyness	75	61	-	-	-	14·2
	Felixstowe	70	63	61	-	-	14·1
	Gorleston	69	63	61	-	-	14·3
	Cranwell	81	56	53	-	1	10·7
3	Birmingham	80	61	49	-	2	9·4
	Upper Heyford	83	60	52	-	Tr.	*
4	Ross-on-Wye	82	59	54	-	0·1	10·0
5	Portland Bill	67	62	*	Tr.	Tr.	*
	Plymouth	80	62	59	0·6	-	8·9
	The Lizard	69	60	*	1	-	*
	Scilly (St. Mary's)	74	59	*	Tr.	-	7·9
	Guernsey	80	61	58	-	-	12·1
6	Pembroke	71	59	*	Tr.	0·6	6·2
7	Holyhead	71	58	55	Tr.	0·1	4·4
	Chester (Sealand)	79	56	51	-	1	7·0
8	L'pool (Bidston)	77	60	57	-	4	8·2
	Manchester	80	60	67	-	8	7·9
9	Harrogate	76	58	56	-	9	6·8
10	Spurn Head	70	60	*	-	3	11·9
	Catterick	75	57	54	-	6	6·2
	Tynemouth	73	57	56	-	8	*
11	Inchkeith	69	58	51	-	7	9·5
	Leuchars	71	56	51	-	3	10·9
12	Renfrew (Abbotts I)	72	53	50	-	12	12·6
	Eskdalemuir	68	55	52	-	15	3·5
13A	Tiree	61	55	54	2	3	0·0
13B	Stornoway	59	54	*	1	13	3·1
15	Dalwhinnie	67	47	40	-	2	3·2
	Aberdeen	72	56	49	-	4	10·2
	Wick	66	53	*	Tr.	0·1	*
16	Lerwick	63	55	*	Tr.	1	2·0
17	Blacksod Point	61	53	*	6	1	*
18	Malin Head	66	55	*	0·6	3	0·6
	Aldergrove	70	56	52	-	0·3	9·2
	Donaghadee	71	56	*	-	3	*
19	Birr Castle	75	57	53	-	-	6·2
20	Valentia Obsy.†	69	56	53	0·2	1	6·4
	Roches Point	69	57	*	-	-	*

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	bbcb	by	cybcm₀	83	64	53	-	-	13·7	*	*	6
Croydon	217	by	bbcy	boybcom₀	82	60	54	-	-	14·0	*	*	6
Greenwich (Royal Observatory)	149	by	by	bc₃oy	88	59	49	-	-	14·3	36	56	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	13·4	*	*	*
Westminster (St. James' Park)	27	*	*	*	84	66	61	-		13·7	39	54	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	84	63	58	-	-	13·8	43	54	*
Camden Square	110	b	b	*	87	63	55	-	-	*	*	56	*
Kensington	80	bc	bc	*	84	63	56	-	-	14·0	At 18h. 35	54	*
Hampstead Observatory	450	b	b	b	83	60	57	-	-	13·8	*	51	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.	Kew Observatory Max.	Time.	Min.	Time.
0·6	6-7h. 18th.	<0·3	10-20h. 17th.	0·4	6h. 18th.	<0·1	13-20h. 17th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 17th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 18th July 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	E	2	b	86	1011·3	S	2	bc₃o	73	86	61	-	-
Brussels						1021·2	SE	3	bc	70		63		-
Berlin	1018·4	N	1	bc	81	1018·2	NE	1	b₃o	72	84	63	-	-
Zürich	1018·6	NE	1	b	73	1017·0	-	0	b	61	81	55	-	-
Rome						1013·4	-	0	b	79	*	*		-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 15.
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	1½ miles
5	Poor visibility	2½ „
6	Moderate „	6½ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

† 1 hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 19th July 1934.

No. 26,537.

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

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)	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)...	1010.1	+10	NE	4	bc	78	45	7	2	–	5	Tr	2-3	4000
	Croydon ...	~~1010.5~~ 1009.6	~~+10~~ +2	NNE	4	bc	78	55	7	1	–	–	2-3	2-3	4000
	S. Farnborough	1009.9	+10	NNE	4	bc	81	45	7	–	8	3	0	2-3	–
	Boscombe Down	1010.3	+6	NNW	2	bc	78	45	7	1	4	–	1	4-6	4000
	Calshot, S'thmtn	1009.9	+6	NNW	4	b	81	55	7	1	–	–	Tr	Tr	4000
	Dungeness ...	*	*	SW	3	m	*	*	4	5	–	*	9+	9+	800
	Lympne ...	1010.2	+2	SW	3	b	70	75	7	–	3	–	0	1	–
2	Shoeburyness	1009.2	0	NE	3	bc	79	55	6	8	3	1	2-3	4-6	4000
	Felixstowe ...	1009.9	–2	E'N	2	z_0	73	65	6	8	8	–	4-6	7-8	5700
	Gorleston ...	1011.0	+2	N'E	2	c	69	75	6	–	7	–	0	7-8	–
	Cranwell ...	1011.2	–6	S'E	1	c	64	95	7	5	–	–	9+	9+	2500
3	Birmingham ...	1010.3	–4	W	3	bc	77	45	8	8	3	3	2-3	4-6	4000
	Upper Heyford	1010.8	–6	–	0	c	73	65	7	7	3	–	7-8	7-8	4000
4	Ross-on-Wye ...	1010.0	–6	W	3	bc	79	45	8	3	–	–	4-6	4-6	4000
5	Portland Bill...	1010.4	+12	NW	4	bc	74	65	7	4	4	–	2-3	4-6	2500
	Plymouth ...	1013.1	+10	NW	4	c	72	65	8	1	–	6	1	7-8	4000
	The Lizard ...	1014.5	+16	W'N	4	bc	69	75	8	8	3	4	2-3	4-6	2500
	Scilly (St. Mary's)	1016.2	+8	N'W	4	c	67	75	7	8	7	–	7-8	7-8	4000
	Guernsey ...	1013.2	+20	NW'W	5	bc	68	75	7	–	1	–	0	2-3	–
6	Pembroke ...	1013.3	+10	NNW	2	c	65	75	8	4	2	2	4-6	7-8	4000
7	Holyhead ...	1012.5	+6	WNW	4	c	63	75	8	5	–	–	9+	9+	5700
	Chester (Sealand)	1012.4	+14	NW'W	5	c	65	85	7	2	–	–	9+	9+	1500
8	L'pool (Bidston)	1012.6	+8	WNW	5 4	c	62	85	8	5	1	–	7-8	10	4000
	Manchester	1011.1	0	NW	4	c	71	75	~~7~~ 8	8	–	–	9	9	2500
9	Harrogate ...	1009.7	–6	S	1	c	74	65	7	3	–	–	7-8	7-8	2500
10	Spurn Head ...	1010.8	–8	–	0	r/tlr	62	95	6	3	7	–	4-6	7-8	2500
	Catterick ...	1009.5	–14	–	0	c	74	55	7	3	–	1	4-6	7-8	4000
	Tynemouth ...	1010.2	–8	SE	2	bc	62	85	6	2	6	–	4-6	4-6	2500
11	Inchkeith ...	1010.5	–12	SE	1	PR	62	85	8	8	–	–	9+	9+	2500
	Leuchars ...	1009.7	–12	SSW	1	t	69	65	8	3	3	8	1	7-8	1500
12	Renfrew (Abbotts I.)	1009.8	–6	WSW	3	c	65	75	8	8	–	–	9	9	2500
	Eskdalemuir ...	1008.7	–12	SSW	3	t	67	75	7	8	–	–	9	9	1500
13A	Tiree ...	1009.4	–2	SE'S	1	c	60	95	7	5	–	–	9+	9+	2500
13B	Stornoway ...	1009.5	–4	NW	1	c	58	95	6	9	6	–	4-6	10	800
15	Dalwhinnie ...	1008.8	–12	SW	3	c	64	75	8	3	4	–	4-6	7-8	2500
	Aberdeen ...	1009.8	–10	S'E	3	c	63	75	7	8	3	–	4-6	9	2500
	Wick ...	1009.5	–10	SE	2	c	58	95	7	6	2	–	7-8	9+	1500
16	Lerwick ...	1011.8	–12	SE	3	c/pr	59	95	6	5	2	–	7-8	9+	450
17	Blacksod Point	1015.1	+4	W	3	bc	61	75	9	2	3	–	4-6	4-6	4000
18	Malin Head ...	1011.3	+20	W	5	c	56	95	7	9	2	–	7-8	10	1500
	Aldergrove ...	1012.1	+2	WNW	4	c	62	65	9	8	–	2	7-8	9	1500
	Donaghadee ...	1011.5	+6	NW	4	q	65	65	8	8	3	2	4-6	4-6	2500
19	Birr Castle ...	1014.8	+2	NW	2	c	65	55	8	8	–	3	7-8	9	2500
20	Valentia Obsy.	1018.2	+6	W'N	3	c	62	65	9	5	–	8	9	9+	1500
	Roches Point...	1015.9	+12	N	4	bc	64	65	8	3	–	–	4-6	4-6	2500

OBSERVATIONS at 18h. G.M.T. 18th July — PAST 24 HOURS

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 18th (37)	Weather 13h.–18h. 18th (38)	Weather 18h. 18th to 1h. 19th (39)	Weather 1h.–7h. 19th (40)
London (Kew)	1010.0	–2	SE	3	u	76	45	7	8	9	6	4-6	9+	2500	0	•	bcy	cyprcy	crRhtlc	b
Croydon	1010.3	+4	ESE	2	c	75	55	8	–	3	2	0	7-8	–	0	•	cz_0bz_0y	bcprcy⊕	$tlrqcm_0tcm$	bcb
S. Farnborough	1010.0	+2	W	2	r	79	45	8	8	–	3	9+	10	4060	0	•	bcz_0by	bybccy	crm_0c	cbcbv
Boscombe Down	1011.5	+10	WNW	4	c	73	65	7	8	9	4	2-3	9+	4000	0	•	bbcy	bccybc	cb	b
Calshot, S'thmtn	1010.7	+2	W'N	5	c/pr	76	55	8	8	–	7	7-8	10	4000	0	1	byz_0	$bccpr_0y$	cybc	bcb
Dungeness	*	*	W'S	2	c	*	*	6	5	–	*	9+	9+	800	*	2	bc	o	*	c
Lympne	1010.4	+2	NNE	4	c	71	55	7	–	8	6	0	7-8	–	0	*	b	b, cy	$cr_0 cm_0$	cbm_0
Shoeburyness	1010.5	+10	ESE	3	c	69	75	6	–	7	–	0	10	–	0	*	bcm_0	$bbcm_0$	cpr_0	b
Felixstowe	1010.0	+6	ENE	1	c	72	75	7	8	–	7	4-6	10	5700	0	1	$bbcz_0$	bcz_0bcy	cpr_0c	cb
Gorleston	1009.3	–24	NWW	2	c	66	85	6	8	–	–	7-8	7-8	2500	1	2	cpr_0c	cpr_0c	ctlr	cbcq
Cranwell	1010.6	+8	SSW	3	TLH	61	95	6	9	–	–	9+	9+	800	1	•	TLRC	bccTLRH	TLR bc	bcm_0b
Birmingham	1012.4	+14	NW	4	c	66	65	8	8	–	7	2-3	10	4000	0	*	irtbc	$bcpr_0$	cb	b
Upper Heyford	1010.2	+4	NW	3	c	70	75	8	8	–	8	7-8	9+	2500	0	*	$bcctlr_0$	ctlpr	ct bc	bcbw
Ross-on-Wye	1012.8	+20	WNW	4	c	67	65	8	9	1	–	1	9+	4000	0	•	tcbbc	bcy cy	cvp_0bv	bw bv
Portland Bill	1012.0	+12	WNW	4	c	67	75	7	5	–	2	4-6	7-8	2500	0	3	bbc	bc	b	bbc
Plymouth	1014.9	+10	NW	5	c	67	75	8	1	–	9	4-6	7-8	4000	0	2	bc	bc	bcb	bw bc
The Lizard	1016.3	+8	WNW	4	c	64	75	8	4	7	–	7-8	9	2500	0	2	bc	bcc	cbcb	b, c
Scilly (St. Mary's)	1017.8	+8	NW	4	bc	65	75	8	8	7	3	2-3	4-6	2500	0	3	d_0c	cbc	bcb	$bccp_0$
Guernsey	1014.3	+2	WNW	5	bc	66	85	7	–	1	–	0	4-6	–	0	3	czbcb	bccbc	bcbw	bwbc
Pembroke	1013.7	+4	NNW	2	c	61	85	8	5	4	–	4-6	7-8	4000	0	1	cbcc	c	bcw	bccbc
Holyhead	1013.4	+2	W'N	4	c	64	65	8	5	3	8	1	7-8	~~2500~~ 5700	0	2	c	c⊕	c, b	bbcc
Chester (Sealand)	1013.0	+4	NW'W	4	c	64	65	8	5	–	7	7-8	9	4000	1	•	bcqc	cv	cbc	$bcpr_0$
L'pool (Bidston)	1012.9	0	WNW	5	c	62	75	9	8	1	–	4-6	9	2500	0	•	mc	cbccy	cvbc	bbc
Manchester	1012.4	+6	NW'N	4	c	64	75	8	7	1	–	2-3	9+	1500	6	•	r_0bcc	c	cbcbw	bw
Harrogate	1010.9	+6	SW'W	3	c	64	65	9	2	4	8	Tr	9+	4000	1	*	rrcbc	bccjt	cb	bcb
Spurn Head	1009.8	–2	SE	2	c	65	95	6	3	7	–	4-6	9+	4000	1	1	prtl	tlc	ltr	c
Catterick	1010.0	+10	NW	2	c	67	65	8	3	4	8	2-3	7-8	4000	1	•	$oifcm_0bq$	ctlrybc	bcbw	bcwq
Tynemouth	1009.4	0	SE	2	c/r	60	95	6	9	–	–	7-8	7-8	1500	1	1	bc	bcccirtl	bcc	cbcq
Inchkeith	1009.6	–8	SW	2	bc	62	85	8	6	7	–	2-3	4-6	4000	0	1	cPRt	cprt	c	c
Leuchars	1008.8	–4	S	2	c/tlr_0	62	95	8	9	8	–	4-6	7-8	800	1	*	$cirm_0$	pr_0tl	cbcb	tPRrr
Renfrew (Abbotts I.)	1009.2	–6	SW'W	4	c	62	75	8	2	–	–	9	9	4000	1	*	bmRc	c	cbc	bc
Eskdalemuir	1010.4	+10	WSW	3	c	59	75	8	8	–	–	9	9	1500	1	*	pr_0ct	tLRc	c	c
Tiree	1009.2	+4	NW	5	c	58	95	7	5	–	–	9+	9+	2500	1	2	oR	oR	cir	cbc
Stornoway	1008.7	+6	NNE	4	r_0r_0	54	95	6	5	2	–	7-8	10	1500	1	2	RRc	cr_0r_0	cpr	c
Dalwhinnie	1007.4	–8	SW	3	bc	65	75	8	3	4	–	2-3	4-6	2500	0	•	ir	bc	*	ir
Aberdeen	1007.9	–12	S	4	z_0	62	85	6	2	7	8	Tr	10	2500	1	1	cr_0m_0	⊕c	cr_0	cr_0c
Wick	1008.1	–8	NE	1	F	55	95	1	5	–	–	10	10	<150	0	1	Fr_0c	FF	FF	FFpr
Lerwick	1009.5	–14	E	3	c/r	58	95	6	5	2	–	7-8	10	450	1	*	$tfecprm_0$	$cr_0r_0irm_0$	cidom	FFrre
Blacksod Point	1015.2	0	W	3	c	59	85	9	3	–	–	7-8	7-8	4000	1	2	bc	pr_0c	bc	pr_0c
Malin Head	1012.5	+4	W	4	c	60	85	8	2	–	–	7-8	7-8	1500	1	1	cPdr	cpr	cbc	bccpr
Aldergrove	1013.1	+4	WNW	4	bc	61	65	9	4	4	1	4-6	4-6	2500	1	*	c	cv	bc	bcw cv
Donaghadee	1012.3	+4	NW	4	q	62	65	8	8	3	–	2-3	4-6	2500	0	2	bcq	bcq	bbcc	c
Birr Castle	1014.8	+4	NW	2	c	62	65	8	5	–	–	9+	9+	2500	0	*	cy	c	c	prc
Valentia Obsy.	1018.0	–2	WSW	3	c/p	63	75	8	8	–	–	7-8	7-8	1500	0	2	cv	bcp_0c	cpr_0c	c
Roches Point	1016.4	+6	N	3	c	65	55	8	3	–	–	7-8	7-8	2500	0	3	cbc	bccy	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/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. r_0, 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 $\frac{1}{20}$ of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

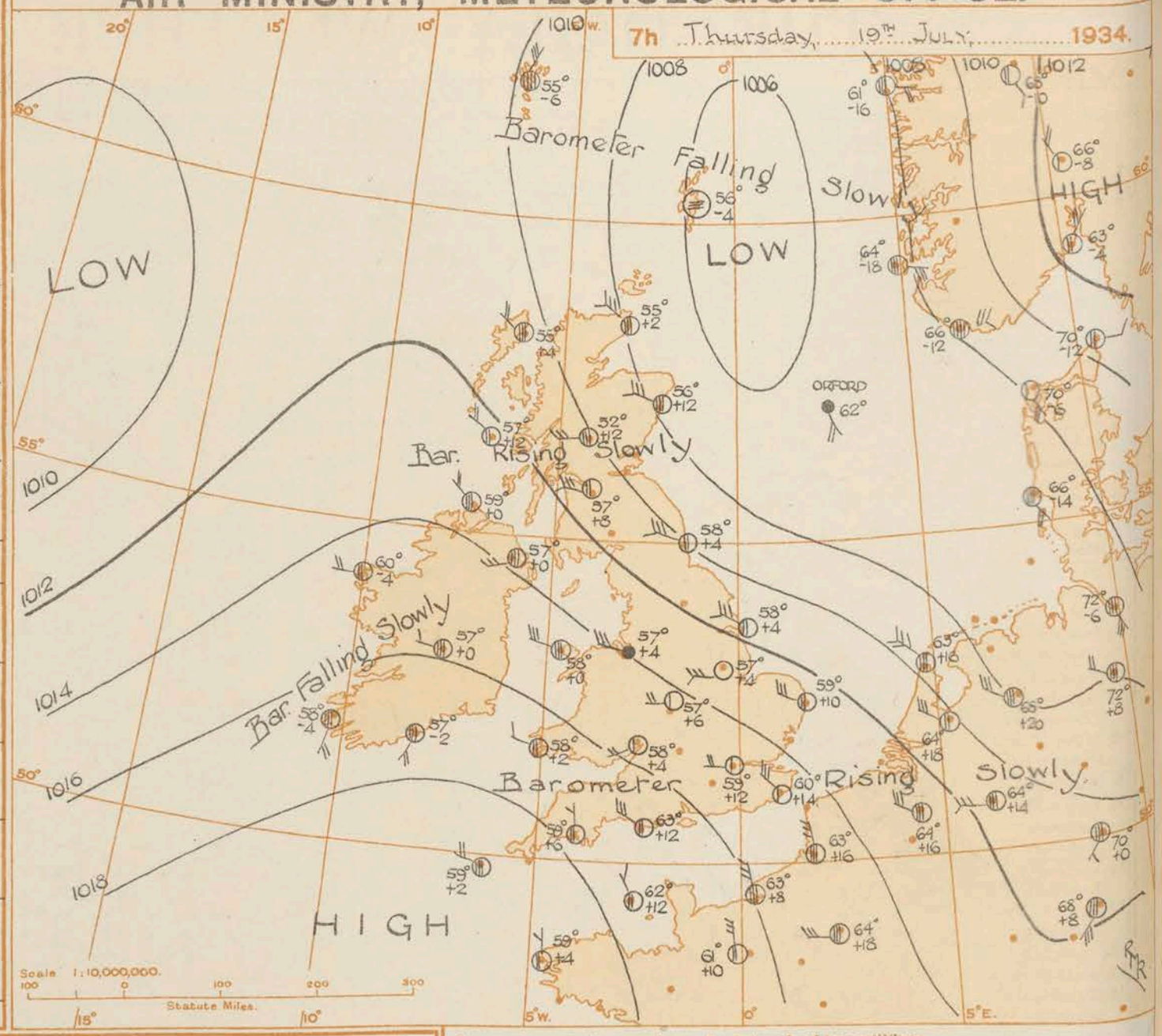
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Wednesday, 18th July, 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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 17th. 18th	Sunshine. Sunrise to Sunset. 17th.
1	Tunbridge W.	bbc	bbc	61	84	–	–	9.6	14.4
	Bournemouth	b	bbc	61	87	–	–	9.2	11.7
	Ventnor ...	obz	bo	66	83	–	–	9.6	12.8
	Southsea ...	b	bbc	66	85	–	–	10.8	12.9
	Bognor Regis	b	bbcco	65	74	–	–	10.2	12.7
	Littlehampton	bcb	bbc	62	82	–	–	10.4	12.9
	Worthing ...	bbcc	cbcc	64	73	–	–	9.5	13.8
	Brighton ...	b	bc	64	69	–	–	8.0	13.9
	Eastbourne†	boc	cbbcc	63	74	–	–	9.1	14.2
	Hastings† ...	bcc	cbc	67	72	–	–	7.5	14.4
	Folkestone ...	bbccm	cmbc	66	75	–	–	7.5	13.4
	Dover... ...	bofc	fcbc	65	73	–	–	7.2	14.5
	Deal	b	b	63	76	–	–	11.1	14.1
	Ramsgate ...	b	bbc	64	75	–	–	10.3	14.2
	Margate ...	bc	bc	65	81	–	–	9.7	14.8
2	Southend ...	bcz	bccqz	66	84	–	–	8.7	13.9
	Maldon ...	b	bbcc	61	81	–	–	9.0	13.6
	Clacton-on-Sea	bc	bcy	66	77	–	–	10.2	13.7
	Dovercourt ...	bc	bccu	64	76	–	–	10.5	13.7
	Lowestoft ...	bbc	bcc	61	73	–	–	8.8	14.3
	Skegness ...	bco	ogtlr	62	71	–	4	3.3	13.4
	Mablethorpe	cotlp	otlpc	62	68	0.3	6	4.2	12.1
	Cleethorpes ...	TLird	oc	61	70	2	7	~~7.53~~ 1	11.2
3	Leamington S.	cdtc	cortl	61	78	0.2	17	2.8	10.8
4	Cheltenham†	ctbbc	chtlr	60	72	3	7	5.0	11.0
5	Bath	bcb	bbcc	57	82	0.3	–	9.5	11.0
	Weymouth ...	by	bc	65	84	0.1	–	9.1	9.8
	Jersey ...	cbc	bc	60	68	–	–	8.7	14.0
	Torquay ...	by	bcbcqv	60	82	–	–	9.9	8.9
	Penzance ...	b	bbcb	62	72	–	–	9.2	8.1
	St. Ives ...	b	c	62	74	–	–	8.1	8.0
	Bude	c	bc	56	67	–	–	5.0	9.8
	Ilfracombe ...	bbcc	bcc	64	67	–	–	6.5	10.1
6	Aberystwyth	tlrbc	c	60	65	1	–	0.7	6.9
	Llandudno ...	c	c	61	66	6	–	2.2	5.6
	Colwyn Bay...	c	cbcc	61	69	9	–	1.3	7.1
	Rhyl	prbcc	cbcc	60	67	5	–	4.0	4.8
8	Wallasey ...	cbcc	bcc	61	69	7	–	4.6	7.3
	Southport‖ ..	bccbc	bcc	58	70	16	–	5.7	7.0
	Blackpool ...	pc	c	58	70	47	0.2	4.7	6.9
	Morecambe ...	bccb	bcc	60	68	22	–	5.6	5.4
9	Ilkley	ogcbc	bc	58	76	4	–	5.8	6.8
10	Berwick-on-T.	cbc	tlRc	57	66	23	41	1.5	11.5
11	Dunbar ...	bc	cclrh	58	67	15	27	3.0	12.0
12	Troon... ...	tlrod	cbc	58	62	7	–	3.5	12.5
	Douglas ...	cb	cbcid	59	67	0.5	Tr	6.0	6.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 7/10 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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 19th July, 1934
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate west or southwest wind; fine or fair; average temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands	Moderate southwest or south wind; mainly fair, but perhaps occasional rain later; average temperature.
10. N.E England 11. S.E. Scotland	Moderate westerly wind, backing; mainly fair, after local showers; average temperature.
12. S.W. Scotland & Isle of Man	Moderate southwest or south wind, fresh locally; cloudy, probably occasional rain; average temperature.
13. A. W Scotld. B. N.W. Scotland.	Light or moderate northwest or variable wind; mainly cloudy, perhaps occasional rain later; average temperature.
14. Mid-Scotland 15. N.E. Scotland 16 Orkneys and Shetlands.	Moderate or light northwest or variable wind; mainly fair. average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh southwest or south wind; mainly cloudy; occasional rain; average temperature.

GENERAL INFERENCE.

A shallow depression extending from the Shetlands to North Germany is moving northeast slowly, and another depression is approaching from the Atlantic. Weather will be mainly fair at first in most districts, but rain will spread eastwards in the West later.

FURTHER OUTLOOK.

Rather unsettled.

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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 19th July 1934.

No. 26.537

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

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	1013.5	+10	W'N	2	c	61	75	8	5	-	-	7-8	7-8	7200
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1012.2	0	NNW	3	c	62	95	6	5	-	-	9	9	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1010.4	0	WNW	2	c	64	85	6	5	-	-	7-8	7-8	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014.5	+2	NW	4	b	60	85	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1018.1	0	NW'W	3	b	57	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1018.8	0	NW	3	b	57	85	8	-	-	-	0	0	-
	Guernsey	175	1016.5	+4	NNW	3	b	59	85	8	-	-	-	0	0	-
6	Pembroke	142	1015.2	+10	NNW	1	bc	58	85	7	4	-	-	2-3	2-3	4000
7	Holyhead	26	1014.5	-2	W'N	3	b	58	85	8	5	-	1	1	1	5700
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	76	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010.2	0	NW	6	bc	59	85	7	-	2	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1009.7	0	W	3	c	56	75	8	4	-	-	7-8	7-8	4000
11	Inchkeith	190	1008.3	-4	SW	1	bc	56	95	8	5	-	-	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1010.6	+8	NW	3	c	52	95	7	8	7	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1007.2	-2	NW	2	F	56	95	1	5	-	-	10	10	<150
16	Lerwick	54	1007.7	-6	S'W	2	m	55	95	4	5	-	-	10	10	220
17	Blacksod Point	18	1015.0	0	W	1	bc	56	95	8	4	-	-	4-6	4-6	1500
18	Malin Head	52	1013.5	+2	W	2	bc	55	85	8	2	-	-	2-3	2-3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1017.7	0	W	5	bc	58	95	8	8	-	-	2-3	2-3	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1015.9	+10	W'N	2	b	60	75	8	-	-	1	0	Tr	-	1	*
	Croydon	1015.4	+12	W	2	b	59	75	8	-	-	1	0	Tr	-	1	*
	S. Farnborough	1015.7	+6	W'N	2	b	60	75	9	-	-	8	0	Tr	-	1	*
	Boscombe Down	1016.3	+12	W	2	b	58	75	7	-	-	8	0	Tr	-	0	*
	Calshot, (S'thmtn)	1016.2	+10	NW	3	b	61	75	7	-	-	1	0	Tr	-	0	1
	Dungeness	*	*	NW	2	bc	*	*	7	1	-	*	2-3	2-3	2500	*	0
	Lympne	1014.7	+14	NW'N	3	b	60	65	6	1	4	-	Tr	1	4000	0	*
2	Shoeburyness	1015.0	+12	NW	3	b	61	75	8	-	-	-	0	0	-	0	*
	Felixstowe	1013.6	+18	WNW	3	b	61	75	7	1	-	-	1	1	2500	0	1
	Gorleston	1012.6	+10	WNW	3	bc	59	75	6	2	-	-	2-3	2-3	2500	1	2
	Cranwell	1013.3	+4	WSW	4	3c	57	85	6	-	2	-	0	1	-	1	*
3	Birmingham	1015.2	+6	W	2	b	57	75	6	-	-	1	0	Tr	-	0	*
	Upper Heyford	1015.0	+2	WNW	3	b	59	75	9	-	3	1	0	2-3	-	0	*
4	Ross-on-Wye	1015.5	+4	SW'W	2	b	58	75	9	4	-	1	Tr	1	4000	0	*
5	Portland Bill	1016.4	+12	NW	3	bc	63	75	8	4	-	1	2-3	4-6	2500	0	2
	Plymouth	1017.5	+6	N	1	bc	59	85	7	7	-	4	1	2-3	4000	0	0
	The Lizard	1018.1	+2	WNW	2	c	62	85	8	8	7	-	4-6	7-8	2500	0	1
	Scilly (St. Mary's)	1018.7	+2	WNW	2	c	59	95	8	8	-	-	7-8	7-8	2500	0	2
	Guernsey	1017.7	+12	NNW	1	bc	62	85	7	-	1	-	0	2-3	-	0	2
6	Pembroke	1014.7	+2	WNW	1	bc	58	85	8	5	6	-	4-6	4-6	4000	0	1
7	Holyhead	1014.3	0	W'N	3	c	58	85	8	5	3	-	9	9	4000	0	1
	Chester (Sealand)	1014.5	+4	W'N	3	pr	57	85	8	8	-	-	7-8	7-8	1500	1	*
8	L'pool (Bidston)	1014.5	0	WNW	4	bc	57	75	8	2	3	-	2-3	4-6	4000	0	*
	Manchester	1013.5	+4	NW'W	4	b	58	75	8	1	4	-	1	1	4000	0	*
9	Harrogate	1011.8	0	WSW	3	b	57	75	9	2	-	-	1	1	4000	1	*
10	Spurn Head	1011.5	+4	NW'W	4	bc	58	75	6	-	7	1	0	2-3	-	0	3
	Catterick	1011.0	+4	WNW	3	cq	59	65	8	7	-	-	7-8	7-8	4000	0	*
	Tynemouth	1010.0	+4	WNW	4	bc	58	85	7	2	-	-	4-6	4-6	2500	1	2
11	Inchkeith	1009.2	-12	WSW	3	c	56	85	8	5	7	-	4-6	9	2500	0	2
	Leuchars	1008.2	+10	WNW	4	qq	56	85	9	8	-	-	9	9	1500	1	*
12	Renfrew (Abbotts D)	1010.2	+8	W	4	bc	57	75	8	7	-	-	4-6	4-6	4000	1	*
	Eskdalemuir	1010.7	+14	WNW	3	c	54	75	8	8	4	-	9	9	1500	1	
13A	Tiree	1012.2	+12	NW'N	2	bc	57	75	8	1	6	-	2-3	2-3	4000	0	2
13B	Stornoway	1011.0	+4	NW	2	c	55	85	9	8	6	-	4-6	7-8	2500	1	1
15	Dalwhinnie	1010.2	+12	W	3	c	52	85	8	3	2	-	9	10	800	1	*
	Aberdeen	1007.5	+12	NW'W	4	c	56	85	8	5	7	-	9+	9+	1500	1	1
	Wick	1007.3	+2	NW	4	c	55	95	7	6	2	-	7-8	10	1500	1	2
16	Lerwick	1005.9	-4	-	0	F	56	95	7	5	-	-	10	10	<150	1	*
17	Blacksod Point	1014.4	-4	W	2	bc	60	75	9	7	-	-	4-6	4-6	4000	1	2
18	Malin Head	1012.9	0	NW	2	c	59	85	9	9	-	-	7-8	7-8	1500	1	1
	Aldergrove	1013.8	0	W'S	3	c	57	85	9	8	7	-	4-6	7-8	1500	1	*
	Donaghadee	1013.6	+4	NNW	3	c	57	85	8	8	3	-	4-6	7-8	1500	0	1
19	Birr Castle	1015.7	0	WNW	1	c	57	95	8	-	4	8	0	7-8	-	1	*
20	Valentia Obsy.†	1017.4	-4	S'W	2	cjp	58	95	8	5	2	-	4-6	10	1500	0	2
	Roches Point	1017.0	-2	SW	2	c	57	85	8	3	-	-	7-8	7-8	2500	0	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 18th Hrs. (36)
1	London (Kew)	79	56	48	0.2	32	9.2
	Croydon	81	56	50	0.1	3	8.7
	S. Farnborough	83	50	37	Tr	2	10.9
	Boscombe Down	80	49	43	-	-	10.6
	Calshot, (S'thmtn)	81	55	50	Tr	-	10.0
	Dungeness	71	56	*	-	-	*
	Lympne	74	56	43	-	0.3	11.4
2	Shoeburyness	83	55	51	-	Tr	9.3
	Felixstowe	77	57	55	-	Tr	10.6
	Gorleston	74	55	55	0.5	1	8.0
	Cranwell	76	51	48	25	17	4.6
3	Birmingham	78	53	48	1	-	5.5
	Upper Heyford	76	49	42	1	-	*
4	Ross-on-Wye	80	49	40	-	Tr	5.6
5	Portland Bill	80	57	*	-	-	*
	Plymouth	73	51	48	-	-	12.5
	The Lizard	70	56	*	-	-	*
	Scilly (St. Mary's)	70	57	*	Tr	Tr	7.0
	Guernsey	71	57	53	-	-	12.3
6	Pembroke	70	56	*	-	-	6.4
7	Holyhead	65	56	51	-	-	2.3
	Chester (Sealand)	72	53	43	-	0.2	6.3
8	L'pool (Bidston)	69	56	53	-	-	5.2
	Manchester	73	48	42	Tr	-	4.7
9	Harrogate	74	52	47	2	-	5.0
10	Spurn Head	66	54	*	8	1	3.9
	Catterick	76	51	44	Tr	-	6.0
	Tynemouth	64	55	52	0.4	-	*
11	Inchkeith	66	51	53	3	-	3.4
	Leuchars	69	56	49	3	5	3.4
12	Renfrew (Abbotts D)	67	54	51	3	-	4.2
	Eskdalemuir	68	51	50	1	-	4.1
13A	Tiree	61	54	48	5	0.5	0.0
13B	Stornoway	61	51	*	17	2	1.2
15	Dalwhinnie	67	50	47	5	2	2.2
	Aberdeen	68	55	54	0.1	0.3	3.3
	Wick	61	53	*	1	0.3	*
16	Lerwick	60	55	*	2	2	0.0
17	Blacksod Point	62	56	*	Tr	Tr	*
18	Malin Head	63	54	*	2	Tr	5.6
	Aldergrove	66	50	43	-	-	7.3
	Donaghadee	67	49	*	-	-	*
19	Birr Castle	67	54	52	-	2	4.1
20	Valentia Obsy.†	65	57	53	Tr	0.3	7.5
	Roches Point	65	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 (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	cyprcy	Rhtlb	79	56	48	0.2	32	9.2	*	*	8
Croydon	217	cbzoy	bcprcy	tlrmb	81	56	50	0.1	3	8.7	*	*	8
Greenwich (Royal Observatory)	149	cby	bcpoy	ctlrmb	83	57	49	Tr	3	8.7	42	53	8
City (Bunhill Row)	—				*	*	*	*	*	7.9	*	*	*
Westminster (St. James' Park)	27	*	*	*	82	57	53	10		8.0	43	48	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	83	55	49	Tr	17	8.1	42	54	*
Camden Square	110	bcb	bcpc	*	82	56	51	0.3	10	*	*	50	*
Kensington	80	bbcco	cop	*	82	56	48	Tr	15	8.0	44 At 18h.	47	*
Hampstead Observatory	450	bc	bctlrc	c	78	52	50	4	3	9.2	*	71	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time
0.6	7-8h 18th	<0.3	12-16h 18th, 20h 18th, 3h 19th

Kew Observatory Max.	Time	Min.	Time
0.2	1h 19th	<0.1	20h 18th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 19th July 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	1010.6	WSW	5	bcq	82	1014.7	W	3	c	64	86	61	-	-
Brussels	1008.8	NW	4	c	77	1012.3	WNW	3	c	64	90	59	-	-
Berlin	1012.1	-	0	b	84	1009.3	ENE	3	b	77	86	66	-	-
Zürich	1013.5	SSE	1	bc	77	1014.8	SE	1	c	66	88	61	-	-
Rome	1008.7	WNW	4	b	68	1010.3	-	0	b	75	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.

† Our observations are from Valentia W.T. station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

TION
......1934.

URS.

FALL. Night 18h-7h mm. (35)	SUNSHINE 19th Hrs. (36)
32	9.2
3	8.7
1	10.9
–	10.6
–	10.0
–	*
0.3	11.4
Tr	9.3
Tr	10.6
1	8.0
17	4.6
–	5.5
–	*
Tr	5.6
–	*
–	12.5
–	*
Tr	7.0
–	12.3
–	6.4
–	2.3
0.2	6.3
–	5.2
–	4.7
–	5.0
1	3.9
–	6.0
–	*
–	3.4
5	3.4
–	4.2
–	4.1
0.5	0.0
2	1.2
2	2.2
0.3	3.3
0.3	*
2	0.0
Tr	*
Tr	5.6
–	7.3
–	*
2	4.1
0.3	7.5
–	*

, etc.

—Code for ...ility. ... visible at ... yards. 20 ,, 50 ,, 00 ,, 1¼ miles. 2½ ,, 3½ ,, 4½ ,, ...nd 31m.

...ode for ... rough. ... high. ...pitous. ...nsed.

AIR MINISTRY.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 20th July 1934.
No. 26538

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

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)	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)	1014.7	-2	WSW	3	c	70	45	9	7	–	–	7.8	7.8	4000
	Croydon	1014.8	-6	WSW	2	c	70	45	8	7	–	–	7.8	7.8	4000
	S. Farnborough	1014.4	-10	WSW	4	c	73	35	8	7	–	1	9	9	5700
	Boscombe Down	1014.5	-10	W	3	c	69	45	8	7	–	1	9	9	4000
	Calshot, S'thmtn	1015.4	-6	SW'S	5	c	69	55	8	7	–	2	4.6	7.8	4000
	Dungeness	*	*	SW	4	c	*	*	7	8	7	*	4.6	7.8	2500
	Lympne	1014.9	-6	W'N	3	bc	73	35	8	7	–	1	4.6	4.6	4000
2	Shoeburyness	1014.4	-4	WNW	3	c	71	45	8	7	–	–	7.8	7.8	4000
	Felixstowe	1013.8	-2	W	3	c	69	45	8	7	–	8	7.8	7.8	4000
	Gorleston	1012.1	-2	W'S	4	bc	68	55	7	7	–	–	4.6	4.6	2500
	Cranwell	1013.0	-2	W'S	4	bc	67	45	8	8	–	–	4.6	4.6	4000
3	Birmingham	1013.8	-4	W	3	c	66	45	8	8	3	–	7.8	7.8	4000
	Upper Heyford	1014.4	-2	W'S	4	c	69	55	8	7	–	–	9+	9+	4000
4	Ross-on-Wye	1014.2	-4	W	4	c	69	55	8	7	–	–	9	9	4000
5	Portland Bill	1016.3	-6	WSW	4	c	62	85	8	4	4	1	4.6	9	2500
	Plymouth	1016.4	-6	W	4	c	69	65	8	7	–	1	7.8	7.8	4000
	The Lizard	1017.5	-2	W'S	3	bc	67	65	8	1	8	–	2.3	4.6	4000
	Scilly (St. Mary's)	1018.0	-8	WSW	2	bc	66	65	9	8	6	3	2.3	4.6	2500
	Guernsey	1017.7	0	NW	3	bc	69	55	8	1	7	–	1	4.6	2500
6	Pembroke	1015.0	0	WNW	2	bc	62	75	9	7	6	2	1	4.6	7200
7	Holyhead	1014.2	-2	WSW	3	c	65	55	8	7	3	6	2.3	7.8	4000
	Chester (Sealand)	1014.1	-2	NW	3	c	63	75	7	8	3	–	7.8	9	2500
8	L'pool (Bidston)	1014.1	0	WNW	4	bc	62	75	9	8	5	8	4.6	4.6	2500
	Manchester	1013.5	-2	NW	4	c	66	55	8	2	–	–	7.8	7.8	4000
9	Harrogate	1012.2	0	W	4	bc	65	55	9	2	–	1	1	2.3	4000
10	Spurn Head	1011.5	0	NW	6	bc	67	65	7	3	7	–	4.6	4.6	2500
	Catterick	1010.9	0	WNW	4	bc	67	45	9	7	–	8	4.6	4.6	4000
	Tynemouth	1010.0	+4	WNW	4	bc	63	55	7	9	–	–	4.6	4.6	1500
11	Inchkeith	1010.0	+2	WSW	2	c	60	65	8	5	–	–	9+	9+	4000
	Leuchars	1009.2	-6	WNW	4	c	64	55	9	7	–	–	7.8	7.8	2500
12	Renfrew (Abbotsinch)	1010.8	0	W'N	4	c	64	55	9	1	–	4	4.6	7.8	4000
	Eskdalemuir	1010.7	+4	W	3	c	60	65	8	8	–	3	7.8	9	1500
13A	Tiree	1012.2	0	NWW	2	bc	60	75	9	1	5	5	2.3	4.6	4000
13B	Stornoway	1010.6	0	NNW	3	bc	60	65	9	8	7	–	4.6	4.6	4000
15	Dalwhinnie	1010.5	0	W	3	c	56	95	8	4	2	–	4.6	9	2500
	Aberdeen	1008.2	+4	NW	5	bc	62	65	8	7	–	3	4.6	4.6	4000
	Wick	1007.8	+2	NW	5	c	55	85	8	9	2	–	7.8	10	1500
16	Lerwick	1004.8	-6	–	0	m	57	95	4	5	–	–	10	10	220
17	Blacksod Point	1012.1	-10	–	0	rr	58	95	7	6	–	–	10	10	450
18	Malin Head	1012.3	-4	W'N	2	c	61	85	9	2	9	3	2.3	9+	1500
	Aldergrove	1012.7	-6	SW'S	2	c	62	75	9	8	7	3	7.8	9+	1500
	Donaghadee	1012.8	-2	SSE	2	c	64	75	8	8	3	–	4.6	7.8	2500
19	Birr Castle	1014.2	-10	SW	2	c	62	75	8	5	2	–	7.8	10	2500
20	Valentia Obsy.	1014.7	-14	SSW	4	c	65	75	8	5	2	–	7.8	10	1500
	Roches Point	1015.5	-10	SW	3	c	62	75	8	3	–	–	7.8	7.8	2500

OBSERVATIONS at 18h. G.M.T. 19th July and **PAST 24 HOURS.**

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 19th (37)	Weather 13h.–18h. 19th (38)	Weather 18h. 19th to 1h. 20th (39)	Weather 1h.–7h. 20th (40)
London (Kew)	1013.4	-6	SW	2	c	73	45	8	2	6	4	4.6	7.8	4000	1	*	bcc	cy	bcb	bbc
Croydon	1013.9	-2	SSW	3	c	71	45	8	8	3	2	2.3	7.8	4000	0	*	bvbcvy	cbcvy	bcybcb	bbcw
S. Farnborough	1013.7	+2	WSW	3	bc/pr	70	55	9	7	3	1	4.6	4.6	5700	0	*	bbcvcy	cbcy	bcb	bbc
Boscombe Down	1014.1	-2	WNW	3	c	68	55	8	7	–	4	4.6	7.8	4000	0	*	bbccy	cy	cy bc	bcc
Calshot, S'thmtn	1015.0	-4	SW	4	bc	67	65	8	7	4	5	2.3	4.6	4000	0	2	bcy	bc	bcbbw	bcwm$_o$
Dungeness	*	*	SW	3	bc	*	*	7	4	3	*	4.6	4.6	2500	*	2	c	bc cbc	*	c
Lympne	1014.8	-2	WSW	4	bc	69	45	8	7	–	1	2.3	2.3	4000	0	*	bm$_o$bcy	bcy	b.c	b-c bcm$_o$bc
Shoeburyness	1013.7	0	WSW	1	bc	72	45	8	7	6	5	2.3	4.6	4000	0	*	bcvy	bcy	bcy	bbc
Felixstowe	1013.5	-2	WNW	2	bc	70	45	8	8	3	1	2.3	4.6	4000	0	0	bbcy	cybcy	bcy b	bcz$_o$
Gorleston	1013.2	+4	WSW	2	c	68	55	7	7	3	–	4.6	7.8	2500	0	2	bcq	bcc	c	cbc
Cranwell	1013.2	-2	W	2	c	66	55	7	7	–	4	2.3	9	5700	1	*	bm$_o$bc	bcycy	cbcm$_o$	bcm$_o$
Birmingham	1013.3	-2	W	2	c	68	45	8	7	–	6	4.6	7.8	4000	0	*	bbc	cbcc	cbc	bcc
Upper Heyford	1013.3	-2	WSW	3	c	70	55	8	8	–	7	2.3	9	4000	0	*	bccy	cy	cybbc	bbc
Ross-on-Wye	1013.6	0	W	3	c	67	55	9	4	–	2	2.3	7.8	4000	0	*	bvbcy	cybcvy	bcvyb	bcc
Portland Bill	1014.8	-6	WSW	4	c	62	85	8	–	4	1	0	7.8	–	0	3	bcc	c	cbc	bcc
Plymouth	1015.3	-4	NW	3	c	66	65	9	5	1	6	2.3	9	4000	0	2	cbc	bccv	cv	c
The Lizard	1016.1	-6	WSW	2	c	63	75	8	7	9	–	2.3	7.8	4000	0	1	cbc	bbc, c	cbc	bcc
Scilly (St. Mary's)	1016.1	-14	SW'W	3	c	65	75	8	8	7	9	2.3	7.8	2500	0	2	cbc	bcc	c	cd$_o$p$_o$
Guernsey	1016.9	-8	NW	3	bc	64	75	8	1	7	1	2.3	4.6	1500	0	2	bc	bc	bccbc	bcw
Pembroke	1013.6	-8	SW'W	2	bc	63	75	8	8	5	1	4.6	4.6	4000	0	1	bc	bc	bccpGC	c
Holyhead	1013.0	-8	SSW	3	c	60	75	8	5	3	6	4.6	9	5700	0	2	cbc	bcyv	c	cir$_o$c
Chester (Sealand)	1013.5	-4	NNW	3	c	64	65	8	7	–	6	4.6	9	4000	0	*	cpr	c	cbc	cir$_o$
L'pool (Bidston)	1013.7	-2	WNW (S)	3	c	63	65	8	2	–	6	1	7.8	4000	0	*	bcv	bcvbc	bcv	cir$_o$
Manchester	1013.2	0	NW	3	c	65	55	8	7	–	6	2.3	7.8	4000	0	*	bbcy	bcyc	bcyv	bcwcm
Harrogate	1012.2	0	WSW	3	c	63	55	9	2	–	2	Tr	7.8	4000	0	*	bq	bbc	bcb	bcc
Spurn Head	1012.3	+2	NW	4	bc	68	65	7	–	7	1	0	4.6	–	0	3	bc	bc	bc	cbc
Catterick	1011.4	+2	WNW	3	bc	66	45	9	1	–	2	2.3	4.6	4000	0	*	bcy	bcy	bcybw	bccwpr
Tynemouth	1010.3	+2	W	2	bc	66	55	8	7	–	1	2.3	4.6	4000	1	1	bcq	bcq	bc	bcoir$_o$
Inchkeith	1009.4	-6	SW	1	c	63	55	8	2	–	2	4.6	7.8	4000	0	1	c	c	c	codd
Leuchars	1009.3	+2	WNW	3	c	64	55	9	7	–	6	7.8	7.8	4000	1	*	cr$_o$bcy	cbcyv	cvybc	bccir$_o$
Renfrew (Abbotsinch)	1010.7	-2	W'S	3	c	62	55	9	4	5	6	Tr	9	4000	0	*	bcvy	bcvy⊕c	cvc	cr$_o$r$_o$m$_o$
Eskdalemuir	1010.8	+2	W'N	2	bc	62	55	8	8	–	3	1	2.3	2500	1	*	c	cby	byc	ccir$_o$
Tiree	1011.2	-6	–	0	c	58	75	9	7	2	–	2.3	7.8	4000	0	1	bc	bcc	c	cor$_o$
Stornoway	1010.7	0	NNW	2	bc	59	65	9	8	7	4	2.3	4.6	2500	1	!	cbc	bc	c	cbcc
Dalwhinnie	1010.2	-4	NW	3	c	59	85	8	3	4	–	4.6	7.8	2500	0		c	c	*	c
Aberdeen	1009.4	+6	NW	4	bc	62	55	8	8	3	–	4.6	4.6	4000	0	2	cbc	bcy	bcybw	bw
Wick	1008.3	+4	NW	5	c	56	75	8	8	3	–	4.6	7.8	1500	0	2	cid$_o$c	c	c	cbc
Lerwick	1004.8	-4	WNW	3	fG	58	95	6	6	2	–	9	10	220	1	*	FFeom	circism$_o$	crrm$_o$	com$_o$
Blacksod Point	1008.2	-24	SW	4	c	60	85	8	8	–	–	10	10	450	1	3	rr	iR	iR	ir$_o$
Malin Head	1010.9	-6	E	1	r$_o$r$_o$	57	95	9	8	2	–	7.8	10	1500	1	0	c	c	cr$_o$r	crr
Aldergrove	1011.5	-2	SW'W	2	r$_o$r$_o$	59	85	7	5	2	–	7.8	10	2500	1	*	cv	cvr$_o$r$_o$r	cr$_o$r$_o$c	ccr$_o$r$_o$
Donaghadee	1011.3	-6	SSE	1	c	59	85	8	8	3	–	4.6	7.8	1500	0	0	c	c	c	cir$_o$
Birr Castle	1011.2	-20	SW	1	c	66	65	8	5	7	–	4.6	9+	2500	0	*	c	c	corr	orrc
Valentia Obsy.	1010.8	-24	S	4	c/pr$_o$	60	95	8	5	2	–	9	10	800	0	3	cid$_o$c	cpr$_o$c	cirorr	orrRR
Roches Point	1013.1	-12	SW	3	c	62	85	8	3	–	–	7.8	7.8	1500	0	3	c	cp$_o$c	cir$_o$c	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/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.

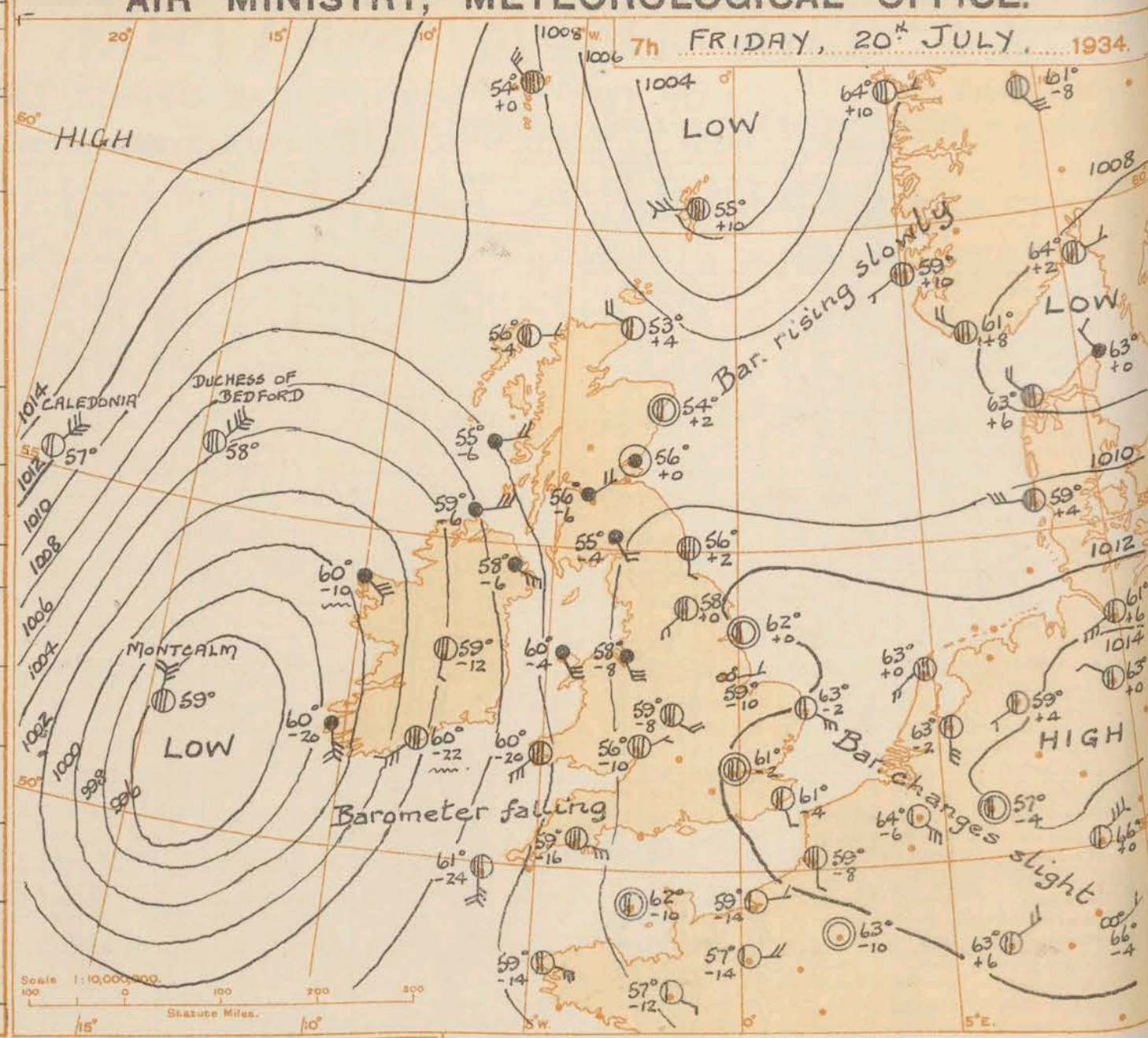
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 19th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	bbc	bbc	52	73	6	-	10.7	9.7
	Bournemouth	b	bbc	54	74	-	-	9.2	9.4
	Ventnor ...	b	b	55	70	-	-	12.3	9.7
	Southsea ...	b	b	56	76	Trace	-	12.5	10.8
	Bognor Regis	bbc	bcb	55	72	-	-	11.8	10.2
	Littlehampton	bc	bc	56	72	Trace	-	10.4	10.4
	Worthing ...	bbc	cbcb	57	71	0.3	-	11.1	9.5
	Brighton ...	bc	bc	57	71	1	-	11.3	8.0
	Eastbourne†	by	b	59	69	-	-	12.1	9.1
	Hastings† ...	bybc	bcb	57	72	Trace	-	10.7	7.5
	Folkestone ...	b	bc	58	73	Trace	-	9.7	7.7
	Dover... ...	ybc	bc	59	73	Trace	-	8.9	7.4
	Deal	bbc	bcbc	58	74	-	-	9.9	11.3
	Ramsgate ...	b	bbc	60	74	-	-	11.1	10.3
	Margate ...	bbc	bc	60	72	0.3	-	11.6	9.7
2	Southend ...	bbc	bbc	56	77	0.2	-	9.3	8.7
	Maldon ...	b	bbc	57	75	0.5	-	10.3	9.0
	Clacton-on-Sea	bcy	bccy	56	73	1	-	9.8	10.2
	Dovercourt ...	bcv	bcv	56	73	-	-	9.6	10.5
	Lowestoft ...	b	bcc	54	74	-	-	10.2	8.8
	Skegness ...	b	bco	51	70	5	-	8.6	3.4
	Mablethorpe	bc	bcc	51	71	6	-	11.8	4.8
	Cleethorpes...	b	b	52	72	0.1	-	12.3	3.2
3	Leamington S.	bcc	c	50	71	0.5	-	8.9	2.8
4	Cheltenham†	bcqb	bbcc	50	70	-	-	10.5	5.0
5	Bath	bbc	bbc	53	71	-	-	11.9	10.1
	Weymouth ...	bbc	b	55	71	-	-	11.1	9.3
	Jersey ...	bc	b	58	70	-	-	12.0	11.3
	Torquay ...	cvyw	bcvy	53	72	-	-	8.4	11.0
	Penzance ...	b	bbcb	56	71	Trace	-	8.1	10.5
	St. Ives ...	c	c	58	66	-	-	7.9	8.8
	Buda	bcc	bc	60	67	-	-	6.9	6.0
	Ilfracombe ...	cbcb	b	58	66	-	-	8.5	7.0
6	Aberystwyth	cbcc	bc	59	64	-	-	4.6	1.5
7	Llandudno ...	cpc	bc	57	66	-	1	3.1	3.0
	Colwyn Bay...	c	cpcbc	57	67	-	0.3	3.4	2.5
	Rhyl	cpc	cbcbc	55	64	-	0.4	3.9	4.7
8	Wallasey ...	bcb	bcb	57	67	-	-	10.8	4.8
	Southport‖ ..	b	bbc	57	67	-	-	12.3	5.9
	Blackpool ...	cbc	bcc	57	66	-	-	12.1	4.7
	Morecambe ...	bbc	bbc	57	65	-	-	12.3	5.8
9	Ilkley... ...	b	b	52	70	-	-	10.9	6.1
10	Berwick-on-T.	o	o	55	64	2	-	0.4	2.1
11	Dunbar ...	c	bc	54	65	1	-	1.8	4.6
12	Troon... ...	bv	bcbv	56	64	-	-	10.8	4.0
	Douglas ...	bc	bccb	52	65	-	-	9.3	6.8

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



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. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th July, 1934.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate southeast wind; mainly fair, but perhaps rain later and possible local thunder tomorrow; average temperature or rather warm.
4. W. Midlands 5. S.W. England 6. South Wales	Moderate or fresh southeast or south wind, strong locally; cloudy; occasional rain, perhaps thunder later; average temperature.
7. North Wales 8. N.W. England	Moderate or fresh southeast or east wind; dull or cloudy, rain at times; average temperature.
9. N Midlands 10. N.E England 11. S.E. Scotland	Light or moderate southeast or east wind; cloudy, occasional slight rain; average temperature.
12. S.W. Scotland & Isle of Man	As 7 - 8.
13. A. W Scotld. B. N.W. Scotland	Fresh or strong east or northeast wind; dull or cloudy, rain today; probably brighter later; average temperature.
14. Mid-Scotland	As 9 - 11.
15. N.E Scotland 16. Orkneys and Shetlands.	Light variable wind, freshening from east or north; cloudy, perhaps occasional rain later; average temperature.
17. N.W. Ireland 18. N.E. Ireland	As 13.
19. S.E. Ireland 20. S.W. Ireland	Fresh southeast or east wind; cloudy, rain at times, perhaps local thunder later; average temperature.

GENERAL INFERENCE.

A depression off West Ireland is spreading east and southeast and one over Spain is likely to move northeast. Rain is probable at times in most districts, and perhaps local thunder later.

FURTHER OUTLOOK.

Unsettled; perhaps local thunder.

Times of Issue of Gale Warnings.

South cone at 01.40 on 20th in districts 5,6,19 & 20.
North cone at 0845 on 20th in district 17.

Forecasts issued at 1000 G.M.T.

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

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

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

EXPLANATION OF CHART.

Barometer. Isobars are drawn for intervals of four millibars.

Wind. Arrows fly with the wind. Number of feathers indicate Beaufort Force.
⓪ = 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, 20th July 1934.

No. 26538

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

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	1014.0	-2	SW'S	2	bc	59	75	8	-	-	2	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1014.3	-6	SW'S	1	C	56	95	8	-	7	-	0	7-8	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1013.4	0	-	0	C	63	75	7	-	2	-	0	10	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1012.9	-8	NE	3	bc	59	75	7	4	-	-	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1012.2	-20	S	2	bc	59	95	8	4	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1011.9	-20	S'W	4	C	60	95	8	8	-	-	9	9	4000
	Guernsey	175	1013.9	-16	-	0	bc	57	95	8	8	-	-	4-6	4-6	2500
6	Pembroke	142	1010.4	-8	SSW	2	C	60	95	7	8	-	-	9+	9+	2500
7	Holyhead	26	1010.6	-14	S	3	c/r	59	85	7	5	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1012.3	0	-	0	bc	60	75	7	-	7	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1012.0	0	W	2	bc	56	75	7	2	-	-	4-6	4-6	2500
11	Inchkeith	190	1010.9	+2	SW	1	C	56	85	7	5	-	-	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1010.2	-4	WNW	1	C	49	95	7	5	4	-	4-6	7-8	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1003.2	+2	WNW	2	C	49	95	8	8	1	8	4-6	7-8	1500
16	Lerwick	54	1004.0	-2	WN	3	C	56	95	6	5	2	-	4-6	10	450
17	Blacksod Point	18	1003.4	-28	SE	2	iR	58	95	7	6	-	-	10	10	450
18	Malin Head	52	1007.7	-12	E	1	rr	57	95	7	6	2	-	7-8	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1003.7	-26	S'W	6	iR	58	95	6	9	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1011.9	-8	SSW	2	bc	63	75	7	-	3	9	0	4-6	-	1	*
	Croydon	1012.5	-2	-	0	c	61	75	7	-	9	9	0	7-8	-	0	*
	S. Farnborough	1011.5	-6	S'E	2	c	59	85	6	-	5	-	0	7-8	-	0	*
	Boscombe Down	1011.1	-10	E	1	c	57	85	7	-	3	1	0	7-8	-	0	*
	Calshot (S'thmtn)	1011.6	-8	ESE	3	c	63	85	6	1	3	4	Tr	9	2500	0	1
	Dungeness	*	*	S	1	c	*	*	7	3	7	*	2-3	9	1500	*	1
	Lympne	1012.7	-4	SSE	1	bc	61	85	7	5	3	-	2-3	4-6	800	0	*
2	Shoeburyness	1012.2	-2	S'W	3	bc	64	85	8	-	3	-	0	4-6	-	0	*
	Felixstowe	1012.2	0	SSW	1	3c	64	75	6	-	-	9	0	4-6	-	0	0
	Gorleston	1011.7	-2	SE'S	3	bc	63	85	6	-	-	9	0	4-6	-	0	2
	Cranwell	1011.6	-10	E	1	3c	59	75	6	-	7	1	0	7-8	-	1	*
3	Birmingham	1011.3	-8	SE	2	c	59	75	6	-	7	-	0	9	-	0	*
	Upper Heyford	1011.2	-16	S	1	c	59	75	7	-	3	-	0	9+	-		*
4	Ross-on-Wye	1010.8	-10	E'N	1	c	56	85	7	-	9	-	0	7-8	-	0	*
5	Portland Bill	1010.4	-6	ESE	3	c	60	95	8	4	4	-	4-6	9	2500	0	2
	Plymouth	1009.7	-16	ESE	3	c	59	95	8	5	7	-	4-6	9+	800	0	0
	The Lizard	1008.9	-10	SSE	4	c	60	85	8	8	6	-	4-6	7-8	1500	0	2
	Scilly (St. Mary's)	1007.4	-24	S	S	c/pr	61	85	8	8	7	-	7-8	10	1500	0	3
	Guernsey	1011.6	-10	-	0	bc	62	85	8	-	7	-	0	2-3	-	0	2
6	Pembroke	1006.9	-20	SSW	3	c	60	85	87	5	5	-	4-6	7-8	4000	0	2
7	Holyhead	1008.5	-4	SSE	3	ir₀	60	95	8	5	1	-	4-6	10	1500	1	1
	Chester (Sealand)	1010.6	-8	SSE	3	ir₀	58	75	6	6	7	-	4-6	9+	4000	0	*
8	L'pool (Bidston)	1010.2	-8	SE	3	ir₀	58	75	6	5	1	-	4-6	10	1500	0	*
	Manchester	1010.8	-6	ESE	1	mw	58	75	4	5	7	-	4-6	10	4000	0	*
9	Harrogate	1011.3	0	SSW	2	c	58	75	5	6	7	-	7-8	10	4000	0	*
10	Spurn Head	1012.3	0	-	0	bc	62	85	6	-	7	-	0	2-3	-	0	1
	Catterick	1011.2	0	SSE	1	c/pr	55	85	8	5	7	-	4-6	9+	4000	0	*
	Tynemouth	1010.8	+2	S	1	o/r	56	95	6	6	-	-	10	10	1500	1	1
11	Inchkeith	1010.0	-8	NW	1	id₀	54	95	6	6	-	-	10	10	1500	1	1
	Leuchars	1009.9	0	-	0	ir₀	56	95	7	5	-	-	10	10	4000	1	*
12	Renfrew (Abbotts I)	1009.1	-6	ENE	2	r₀r₀	56	95	5	6	2	-	7-8	10	1500	1	*
	Eskdalemuir	1009.5	-4	S'E	2	ir₀	55	95	7	6	2	-	9	10	800	1	*
13A	Tiree	1007.6	-6	E'N	2	r₀r₀	55	95	7	6	2	-	7-8	10	1500	1	2
13B	Stornoway	1009.6	-4	E	1	c	56	85	9	8	7	4	2-3	7-8	4000	1	1
15	Dalwhinnie	1010.1	-2	N	1	c	50	85	8	4	1	-	7-8	9	4000	1	*
	Aberdeen	1010.4	+2	-	0	bc	54	75	9	-	4	9	0	2-3	-	0	0
	Wick	1009.3	+4	WNW	2	bc	53	85	8	5	1	4	2-3	4-6	2500	0	1
16	Lerwick	1004.5	+10	W	4	o	55	95	6	5	-	-	10	10	450	1	*
17	Blacksod Point	1000.9	-10	SE	4	ir₀	60	75	8	6	-	-	10	10	450	1	4
18	Malin Head	1004.8	-6	E	3	r	59	95	8	6	2	-	7-8	10	800	1	0
	Aldergrove	1006.9	-6	ESE	3	r₀r₀	58	95	6	6	2	-	4-6	10	800	1	*
	Donaghadee	1007.7	-4	S	2	ir₀	57	95	7	6	-	-	9+	9+	800	1	1
19	Birr Castle	1004.0	-12	S	1	c	59	95	8	6	2	-	7-8	10	2500	1	*
20	Valentia Obsy.†	998.3	-20	S'E	5	RR	60	95	6	6	-	-	10	10	1500	1	3
	Roches Point	1003.9	-22	SW	4	c	60	95	7	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 19th Hrs. (36)
1	London (Kew)	76	54	46	-	-	11.1
	Croydon	73	52	49	-	-	11.6
	S. Farnborough	75	49	36	Tr	-	11.2
	Boscombe Down	73	51	42	-	-	13.0
	Calshot (S'thmtn)	73	54	47	-	-	12.3
	Dungeness	72	56	*	-	-	*
	Lympne	74	54	47	-	-	11.8
2	Shoeburyness	76	51	40	-	-	10.7
	Felixstowe	72	58	53	-	-	10.5
	Gorleston	72	61	60	-	-	10.8
	Cranwell	70	49	46	-	-	10.4
3	Birmingham	69	53	40	-	-	9.9
	Upper Heyford	72	48	39	-	-	*
4	Ross-on-Wye	73	51	46	-	-	10.4
5	Portland Bill	66	56	*	-	-	*
	Plymouth	69	54	52	-	-	7.1
	The Lizard	68	58	*	-	-	*
	Scilly (St. Mary's)	72	59	*	-	Tr	7.4
	Guernsey	70	55	49	-	-	14.1
6	Pembroke	64	58	*	-	0.5	9.4
7	Holyhead	66	58	57	-	0.4	7.4
	Chester (Sealand)	67	51	43	0.3	Tr	7.6
8	L'pool (Bidston)	65	55	53	-	Tr	11.4
	Manchester	68	47	43	-	-	13.2
9	Harrogate	67	52	46	-	-	13.5
10	Spurn Head	69	55	*	-	-	13.9
	Catterick	68	51	47	-	Tr	12.4
	Tynemouth	67	55	53	-	Tr	
11	Inchkeith	63	53	51	-	1	5.0
	Leuchars	68	51	42	Tr	Tr	6.5
12	Renfrew (Abbotts I)	66	54	54	-	2	10.3
	Eskdalemuir	66	53	51	-	2	8.9
13A	Tiree	62	53	51	-	2	10.2
13B	Stornoway	61	47	*	-	-	14.2
15	Dalwhinnie	60	41	33	-	Tr	1.3
	Aberdeen	65	44	36	-	-	9.0
	Wick	57	47	*	0.1	-	*
16	Lerwick	60	54	*	1	5	0.0
17	Blacksod Point	62	57	*	3	6	*
18	Malin Head	63	55	*	0.6	9	4.5
	Aldergrove	66	56	52	1	2	3.7
	Donaghadee	65	55	*	-	1	*
19	Birr Castle	66	58	55	-	4	2.6
20	Valentia Obsy.†	67	58	56	0.2	2.5	1.2
	Roches Point	65	59	*	Tr	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. (To-day)
KEW	18	bcc	cy	bcbbc	76	54	46	-	-	11.1	*	*	8
CROYDON	217	bvbcvy	cbcvy	bcybcw	73	52	49	-	-	11.6	*	*	8
GREENWICH (Royal Observatory)	149	cy	cy	cbcy	75	51	43	-	-	9.4	41	53	8
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	11.0	*	*	*
WESTMINSTER (St. James' Park)	27	*	*	*	75	56	50	—		10.4	41	58	*
‡REGENTS PK. (Botanic Gardens)	189	*	*	*	75	55	48	-	-	11.3	43	61	*
CAMDEN SQUARE	110	bc	cbc	*	76	56	49	-	-	*	*	60	*
KENSINGTON	80	bc	bc	*	75	55	46	-	-	9.6	At 18h. 43	57	*
HAMPSTEAD OBSERVATORY	450	bc	bc	bc	74	54	49	-	-	11.1	*	73	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 20th

SOUTH KENSINGTON. Max.	Time.	Min.	Time.	KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.3	7h 20th	<0.3	9h 19th to 6h 20th	0.1	21h 19th	<0.1	17h 19th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 19th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 20th July 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	1013.8	NW	5	bc	75	1011.5	-	0	b	63	79	54	-	-
BRUSSELS	1014.0	NW	4	bc	68	1012.8	ESE	3	b	64	73	48	-	-
BERLIN	1007.3	WNW	2	c	82	1013.7	NW'W	2	c	64	90	61	-	-
ZÜRICH	1013.2	W	3	bc	77	1021.8	NNE	1	b	64	84	59	-	-
ROME	1010.2	W	2	b	75						×	×	-	

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.

†1hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 21st July 1934.

No. 26539

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

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)	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)...	1008.8	-12	SSE	2	c	75	45	8	1	3	-	2.3	7.8	4000
	Croydon ...	1009.3	-18	SSE	1	bc	75	45	8	1	5	-	4.6	4.6	2500
	S. Farnborough	1008.4	-14	SSE	3	bc	75	45	8	1	3	1	2.3	4.6	4000
	Boscombe Down	1008.0	-16	SSE	4	bc	73	45	8	1	3	-	Tr	2.3	4000
	Calshot, S'thmtn	1009.5	-12	E'S	4	b	68	75	8	1	3	1	Tr	1	4000
	Dungeness ...	*	*	SSW	1	bc	*	*	7	4	7	*	2.3	4.6	2500
	Lympne ...	1010.6	-10	S'E	1	bc	69	45	8	-	-	8	0	2.3	-
2	Shoeburyness	1009.8	-8	ESE	3	bc	73	65	8	1	3	1	2.3	4.6	4000
	Felixstowe ...	1010.7	-6	SE'E	3	bc	69	45	8	-	-	6	0	4.6	-
	Gorleston ...	1010.8	-8	SE	4	c	69	75	7	2	7	-	2.3	7.8	2500
	Cranwell ...	1009.3	-10	SE	2	c	72	55	7	8	6	1	4.6	7.8	4000
3	Birmingham ...	1008.4	-10	SSE	2	c	72	45	8	7	9	-	2.3	7.8	5700
	Upper Heyford	1008.9	-10	S'E	2	c	71	55	8	1	7	-	2.3	9	4000
4	Ross-on-Wye ...	1008.0	-8	S	2	c	71	55	8	1	9	-	1	9	4000
5	Portland Bill...	1008.6	-16	ESE	3	bc	65	85	8	4	-	-	2.3	2.3	2500
	Plymouth ...	1007.1	-14	SE'S	4	c	67	65	8	7	7	8	2.3	7.8	2500
	The Lizard ...	1006.1	-12	SE	3	c	64	75	8	4	-	-	7.8	9+	2500
	Scilly (St. Mary's)	1004.5	-10	SE'S	5	c	65	75	8	8	7	3	4.6	7.8	2500
	Guernsey ...	1008.0	-20	-	0	b	68	65	8	-	-	-	0	0	-
6	Pembroke ...	1005.9	-10	S	3	c/pro	63	85	7	7	-	-	10	10	2500
7	Holyhead ...	1007.5	-2	SSE	3	iro	62	75	7	5	7	-	7.8	10	5700
	Chester (Sealand)	1008.5	-8	SSW	1	c	67	65	6	5	7	-	7.8	9+	7200
8	L'pool (Bidston)	1009.0	-2	S'W	1	c	64	75	7	5	1	-	4.6	10	2500
	Manchester	1008.4	-10	SSE	1	zo	69	55	6	5	7	-	7.8	9+	7200
9	Harrogate ...	1009.5	-6	SSE	1	c	69	65	7	-	7	-	0	9+	-
10	Spurn Head ...	1010.4	-4	SE'E	3	c	64	75	7	-	7	-	0	7.8	-
	Catterick ...	1009.7	-6	SE'S	2	c	68	55	7	5	7	-	Tr	9+	2500
	Tynemouth ...	1010.6	0	SSE	2	c	60	85	8	4	-	-	7.8	7.8	4000
11	Inchkeith ...	1009.8	-6	NE	1	c	58	95	7	8	-	-	10	10	1500
	Leuchars ...	1010.2	+2	ENE	1	c	61	85	7	5	-	-	10	10	1500
12	Renfrew (Abbotts.)	1008.9	+2	S'E	3	iro	62	85	6	5	2	-	9	10	1500
	Eskdalemuir ...	1009.4	+2	SSE	2	c	62	75	7	7	2	-	4.6	10	2500
13A	Tiree ...	1007.9	+4	E	3	roro	58	95	7	6	2	-	7.8	10	1500
13B	Stornoway ...	1010.1	+6	ENE	2	c	59	65	9	7	7	2	2.3	7.8	2500
15	Dalwhinnie ...	1010.2	+2	S	3	c	59	75	8	4	1	-	4.6	10	1500
	Aberdeen ...	1010.7	0	ESE	2	c	59	75	8	7	3	-	7.8	9+	4000
	Wick ...	1010.3	+8	SSW	2	bc	58	75	8	8	7	3	4.6	4.6	2500
16	Lerwick ...	1007.7	+14	W'N	4	o	55	95	7	5	-	-	10	10	450
17	Blacksod Point	1000.7	0	SE	4	c	62	95	8	5	-	-	10	10	800
18	Malin Head ...	1005.1	+6	SE	3	roro	61	95	7	6	2	-	7.8	10	800
	Aldergrove ...	1006.8	+2	SE	4	ir	59	95	7	6	2	-	9	10	800
	Donaghadee ...	1008.0	+2	SSE	2	iro	57	95	7	6	-	-	9+	9+	800
19	Birr Castle ...	1003.2	0	SSE	4	c	64	75	8	6	2	-	7.8	10	2500
20	Valentia Obsy.	998.6	+6	S'E	4	pr	64	95	8	6	-	-	10	10	800
	Roches Point...	1002.6	-8	SW	4	rr	60	95	6	6	-	-	10	10	800

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

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)...	1007.0	-8	SE	3	bc	76	45	8	1	-	-	4.6	4.6	4000	1	*
	Croydon ...	1007.5	-4	E'S	3	b	75	45	8	1	-	-	1	1	4000	0	*
	S. Farnborough	1006.8	-6	S'E	3	b	74	45	8	1	7	1	Tr	1	4000	0	*
	Boscombe Down	1006.3	-8	SE'E	3	b	72	45	8	-	-	1	0	1	-	0	*
	Calshot, S'thmtn	1007.6	-12	E'S	3	b	69	65	8	-	4	6	0	1	-	0	2
	Dungeness ...	*	*	NE	2	bc	*	*	7	-	7	*	0	2.3	-	*	0
	Lympne ...	1008.7	-6	ENE	3	b	71	45	8	-	4	1	0	1	-	0	*
2	Shoeburyness	1008.7	-2	E	4	b	68	75	8	-	4	-	0	Tr	-	0	*
	Felixstowe ...	1009.3	-6	NE'E	3	bc	67	65	8	-	-	8	0	2.3	-	0	1
	Gorleston ...	1010.1	-6	ENE	3	bc	66	85	6	-	8	-	0	4.6	-	0	2
	Cranwell ...	1008.7	-4	E	2	c	70	65	7	4	7	-	2.3	9+	5700	1	*
3	Birmingham ...	1007.3	-8	ESE	2	bc	72	45	8	7	9	-	2.3	4.6	5700	0	*
	Upper Heyford	1006.8	-10	E'S	3	bc	75	55	8	1	3	-	2.3	4.6	4000	0	*
4	Ross-on-Wye ...	1006.0	-8	SE	2	bc	73	55	8	1	4	1	2.3	4.6	4000	0	*
5	Portland Bill...	1005.4	-16	E'S	4	bc	63	85	8	4	4	1	2.3	4.6	2500	0	3
	Plymouth ...	1004.8	-6	E'S	4	c	66	65	8	5	7	8	4.6	9+	5700	0	1
	The Lizard ...	1003.7	-12	ESE	4	c	63	85	8	4	-	-	9+	9+	2500	0	2
	Scilly (St. Mary's)	1001.9	-8	SE'S	5	c	61	95	7	9	7	9	7.8	9	2500	1	3
	Guernsey ...	1005.1	-18	NE	3	bc	64	75	8	8	1	-	4.6	4.6	4000	0	2
6	Pembroke ...	1003.5	-12	SE	3	c	66	65	9	5	7	-	4.6	9+	4000	1	2
7	Holyhead ...	1007.1	-2	ENE	3	iro	62	85	7	5	7	-	7.8	10	5700	1	1
	Chester (Sealand)	1007.5	-4	WNW	3	zo	65	85	6	-	7	-	0	9	-	0	*
8	L'pool (Bidston)	1007.9	-6	N	2	zo	64	75	5	5	1	-	7.8	10	1500	0	*
	Manchester	1007.2	-6	E	1	zo	73	45	5	5	7	-	4.6	9	4000	0	*
9	Harrogate ...	1008.9	0	SE	3	c	68	55	8	-	5	9	0	7.8	-	0	*
10	Spurn Head ...	1009.2	-4	ESE	4	c	63	85	7	3	7	-	4.6	7.8	4000	0	3
	Catterick ...	1009.1	0	NE	1	zo	65	75	5	5	9	-	4.6	9	2500	0	*
	Tynemouth ...	1010.4	+4	SE	2	c	60	85	7	4	-	-	7.8	7.8	4000	0	1
11	Inchkeith ...	1010.6	+4	NE	1	c	58	95	7	5	3	-	9+	9+	1500	0	1
	Leuchars ...	1010.9	+4	E	1	c	64	75	7	5	7	-	4.6	9	2500	1	*
12	Renfrew (Abbotts.)	1009.7	+2	ENE	2	iro	62	85	6	5	2	-	9+	10	8200	1	*
	Eskdalemuir ...	1009.8	+4	NNE	2	c	61	85	7	9	2	-	7.8	10	4000	1	*
13A	Tiree ...	1009.7	+14	ESE	3	dd	58	95	7	6	2	-	4.6	10	1500	1	2
13B	Stornoway ...	1011.1	+8	NE	3	c	56	85	9	5	7	4	4.6	7.8	2500	1	1
15	Dalwhinnie ...	×	+8	SE	2	id	57	85	7	3	2	-	4.6	10	800	1	
	Aberdeen ...	1010.8	+2	S	2	bc	62	75	7	5	7	1	1	4.6	4000	0	0
	Wick ...	1010.9	+4	ENE	2	bc	57	85	8	5	1	8	4.6	4.6	2500	0	1
16	Lerwick ...	1009.3	+10	W	3	o	55	95	6	5	-	-	10	10	450	1	*
17	Blacksod Point	1003.1	+12	E	2	c	63	85	8	8	-	-	10	10	450	1	3
18	Malin Head ...	1007.1	+18	E	3	c	60	95	7	8	-	-	9+	9+	1500	1	0
	Aldergrove ...	1007.7	+8	E	4	c	60	85	7	5	2	-	7.8	10	1500	1	*
	Donaghadee ...	1009.0	+2	E	2	c	57	95	7	9	-	-	7.8	7.8	1500	1	1
19	Birr Castle ...	1003.8	+4	SSE	3	c	65	75	8	5	7	-	4.6	9+	2500	1	*
20	Valentia Obsy.	998.6	+2	E'S	3	c/ro	63	95	7	5	-	-	9+	9+	800	1	2
	Roches Point...	1002.1	0	SW	4	ir	61	95	6	6	-	-	10	10	800	1	5

PAST 24 HOURS. — WEATHER.

District	Stations	7h.–13h. 20th (37)	13h.–18h. 20th (38)	18h. 20th to 1h. 21st (39)	1h.–7h. 21st (40)
1	London (Kew)...	bccy	bcy	bcb	crrmo
	Croydon ...	bcy	bcyv	bbcmol	cPRrrm
	S. Farnborough	cbccbcy	bcby	yb, c	tlRrmo
	Boscombe Down	cbcy	bcbbcy	bc	otlR ~~cmorrr~~
	Calshot, S'thmtn	bcb	b	bbc	ctlRmo
	Dungeness ...	bc	bc		rb
	Lympne ...	bcby	bbcby	b	bmcrr
2	Shoeburyness	bc	bcb	bc	bcc
	Felixstowe ...	bczobcy	bcyb	bbc	bc
	Gorleston ...	bcq	cbc	bcb	bccq
	Cranwell ...	bczoy	bcycy	cbcb	bccmo
3	Birmingham ...	cbcc	cbc	bc	bcc
	Upper Heyford	cbcc	cbcy	bcb	bccroro
4	Ross-on-Wye ...	ccbcc	cybcy	cybcy	c
5	Portland Bill...	bc	bc	c	c
	Plymouth ...	c	cy	cido	cido
	The Lizard ...	c	c	cprol	cpr
	Scilly (St. Mary's)	cpoc	cpc	PRR	irobc
	Guernsey ...	bcb	bccbc	cocbc	bc
6	Pembroke ...	cproc	cproc	cbcc	bcctlro
7	Holyhead ...	criro	ciro	c	bcc
	Chester (Sealand)	ciroc	cyzo	cbcmo	bcwmoc
8	L'pool (Bidston)	ciroc	cpoc	ccmo	cbcmo
	Manchester	cmzo	czoy	czoybc	cbczo
9	Harrogate ...	c	c	c	cbc
10	Spurn Head ...	bcc	c	cbc	bc
	Catterick ...	croc	cyzo	czobmo	bmo
	Tynemouth ...	oc	c	c	cmo
11	Inchkeith ...	cpr	ciroc	coido	oiroc
	Leuchars ...	ciroido	c	cbcc	ciroc
12	Renfrew (Abbotts.)	roroddroro	rroro	crorom o	cmo
	Eskdalemuir ...	iroc	iroc	ciro	cbc
13A	Tiree ...	oroщro	orrd	odd	c
13B	Stornoway ...	c	c	c	croro
15	Dalwhinnie ...	c	c	*	o
	Aberdeen ...	bwbc	cbc	bcc	cmo
	Wick ...	bc	bc	bcc	cpro
16	Lerwick ...	oido	omo	om	c
17	Blacksod Point	iro	iro	bc	rrbc
18	Malin Head ...	crr	cir	cjp	c
	Aldergrove ...	ororo rr	c	croc	cmo
	Donaghadee ...	ciro	iroc	oidoc	c
19	Birr Castle ...	cir	c	c	c
20	Valentia Obsy.	RRddpro	proroc	cproc	c
	Roches Point...	corr	orrir	oirc	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/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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.
Note.—Nimbus—ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

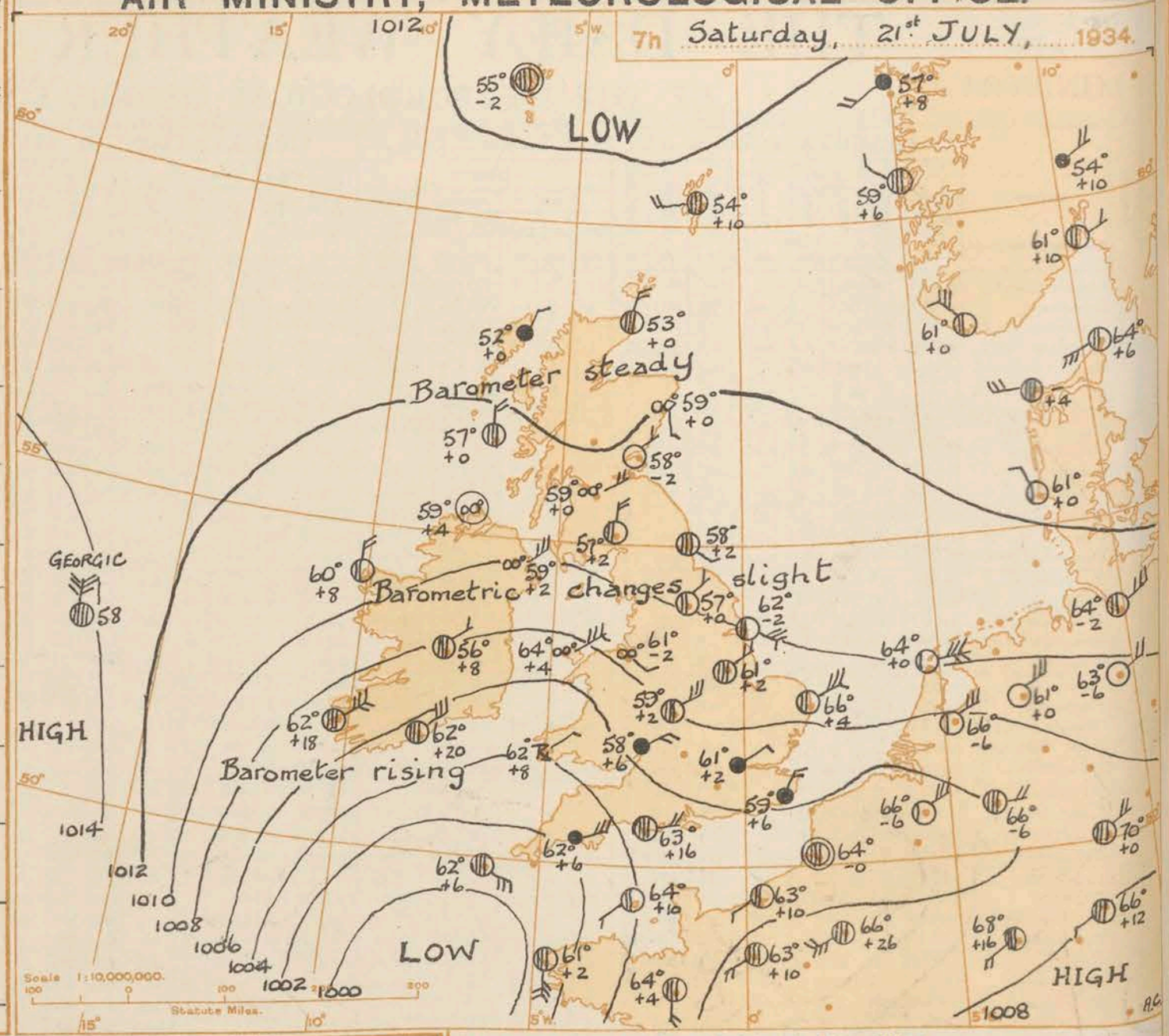
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London W.C.2.*

REPORTS from HEALTH RESORTS for 20th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 19th to 9h. 20th	Temperature. Max. 9h.—17h. 20th	Rainfall. Night. 17h. 19th to 9h. 20th	Rainfall. Day. 9h.—17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset 19th
1	Tunbridge W.	bbc	b	49	79	-	-	11.0	12.2
	Bournemouth	bcb	b	51	74	-	-	9.0	10.1
	Ventnor ...	b	b	57	74	-	-	12.2	14.1
	Southsea ...	b	b	56	72	-	-	11.6	14.4
	Bognor Regis	bcb	b	55	69	-	-	11.5	13.0
	Littlehampton	bcb	b	52	70	-	-	10.5	11.9
	Worthing ...	bcb	b	54	66	-	-	10.2	12.7
	Brighton ...	b	b	54	68	-	-	9.4	13.3
	Eastbourne†	b	b	56	68	-	-	9.8	14.3
	Hastings† ...	b	b	57	69	-	-	9.9	12.7
	Folkestone ...	bcb	b	55	73	-	-	11.0	11.2
	Dover... ...	bcb	by	58	74	-	-	11.4	10.2
	Deal	b	b	58	73	-	-	11.8	11.0
	Ramsgate ...	b	b	59	69	-	-	12.0	13.3
	Margate ...	bc	bc	58	72	-	-	12.0	13.3
2	Southend ...	bcb	b	58	76	-	-	11.3	9.5
	Maldon ...	bcb	b	52	75	-	-	9.0	11.1
	Clacton-on-Sea	bc	bc	57	69	-	-	11.4	11.8
	Dovercourt ...	bcv	bv	55	72	-	-	11.6	10.6
	Lowestoft ...	b	bbc	57	70	-	-	9.3	10.3
	Skegness ...	bc	bco	56	68	-	-	7.5	9.1
	Mablethorpe	bc	bcc	49	68	-	-	8.9	12.7
	Cleethorpes...	bc	bc	50	67	-	-	9.4	13.8
3	Leamington S.	c	c	50	75	-	-	5.7	10.0
4	Cheltenham†	cbcc	bcbbc	53	75	-	-	5.8	12.0
5	Bath	bcc	b	54	77	-	-	7.4	13.6
	Weymouth ...	cb	b	55	68	-	-	7.8	13.2
	Jersey ...	b	bc	57	81	-	-	12.0	13.7
	Torquay ...	bc	bc	55	66	-	-	5.6	8.8
	Penzance ...	cb	cbbc	59	69	Trace	-	4.5	8.9
	St. Ives ...	c	c	58	68	Trace	-	2.8	8.5
	Bude	p.c	cbc	53	72	-	Trace	2.1	7.7
	Ilfracombe ...	oc	c	58	70	-	-	0.0	10.5
6	Aberystwyth	pr.c	r.c	57	70	0.5	Trace	0.2	5.2
7	Llandudno ...	r.c	cr.o	57	65	0.6	1	0.0	5.0
	Colwyn Bay...	oropo	odo	57	66	0.5	0.3	0.0	5.2
	Rhyl	cr.c	cr.	56	68	0.1	Trace	0.0	5.6
8	Wallasey ...	bcc	cp.c	57	66	-	Trace	0.0	12.8
	Southport‖ ...	od.o	o	56	68	-	0.3	0.0	14.6
	Blackpool ...	po	od.	56	68	0.1	Trace	0.0	13.4
	Morecambe ...	cdoz	c	57	67	Trace	Trace	0.0	12.5
9	Ilkley... ...	c	c	50	72	-	-	0.9	12.4
10	Berwick-on-T.	o	o	53	60	Trace	-	0.0	1.2
11	Dumbar ...	cr.	cr.	53	63	0.3	Trace	0.0	3.6
12	Troon... ...	rrocr	ro.o	56	62	4	2	0.0	11.2
	Douglas ...	cido	oido	56	63	1	0.3	0.0	9.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st July, 1934.
1. S.E. England	Light or moderate easterly or southerly wind; occasional thundery showers; bright intervals; rather warm.
2. E. England...	Light or moderate easterly or variable wind; cloudy, occasional rain, local thunderstorms, brighter later; rather warm.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	As 1.
6. South Wales	As 2 - 4.
7. North Wales	
8. N.W. England	Light or moderate easterly wind; mainly cloudy, perhaps occasional thundery rain later; rather warm.
9. N Midlands	
10. N.E England	
11. S.E. Scotland	Light easterly or variable wind; mainly fair; average temperature or rather warm.
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	Light northeast wind; mainly fair; average temperature or rather warm.
18. N.E. Ireland	
19. S.E. Ireland	Light or moderate easterly wind; bright intervals, perhaps occasional local thundery rain; rather warm.
20. S.W. Ireland	

GENERAL INFERENCE.

A depression over the Bay of Biscay is filling up and a shallow trough of low pressure extending from the English Channel to Germany is moving northeast. Occasional rain with thunder locally is probable in the Southern half of the country. Weather will be mainly fair in Scotland and North Ireland.

FURTHER OUTLOOK.

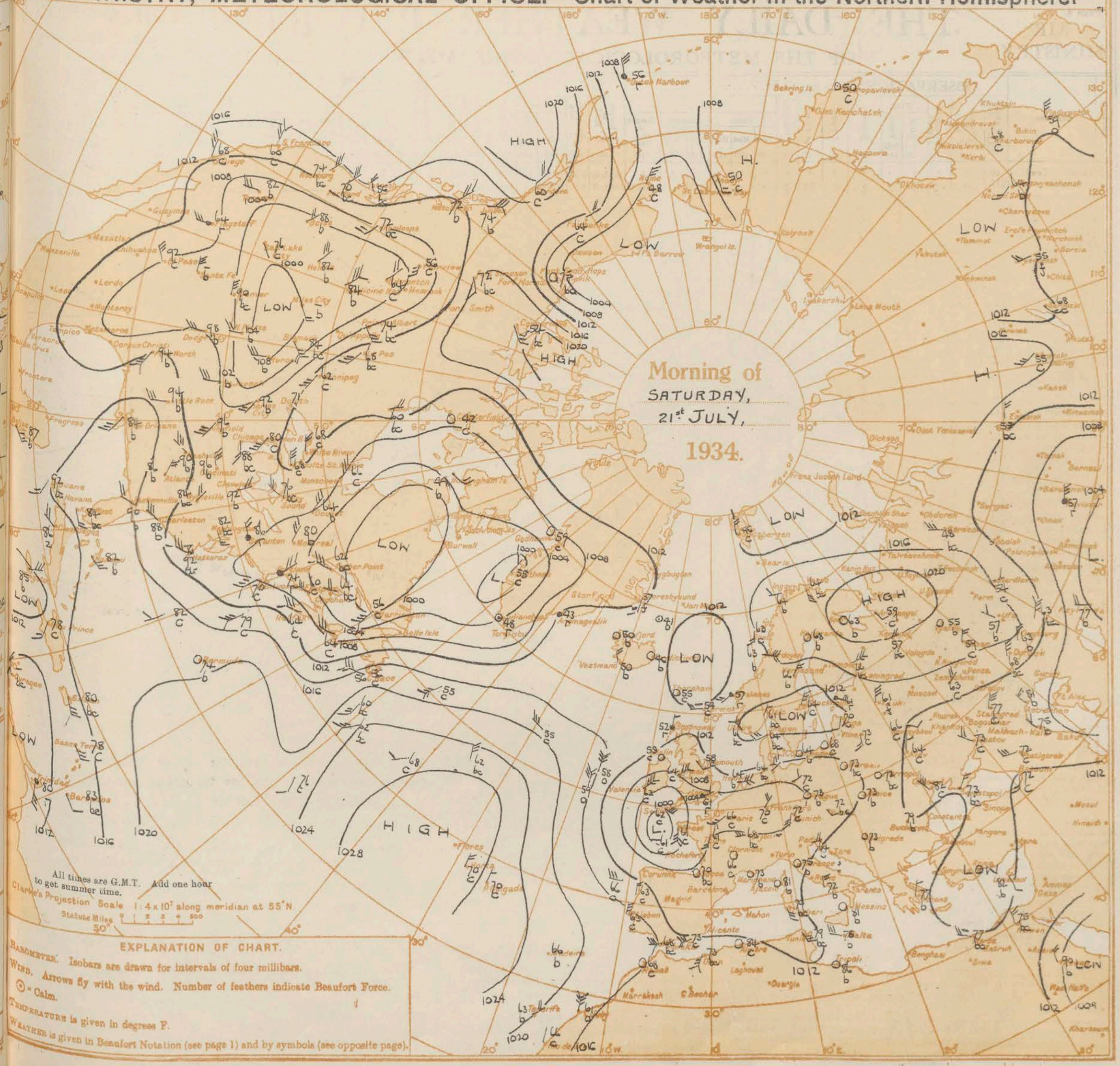
Mainly fair in Scotland and North Ireland, perhaps occasional thundery rain elsewhere.

Forecasts issued at 0930 G.M.T.

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

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 21st July 1934.

No. 26539

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

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	1007·6	-2	E'N	2	c	61	95	6	7	-	-	4·6	4·6	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1006·5	~~-4~~ -12	ENE	4	b	65	~~95~~ 65	7	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1008·9	-8	E	5	b	64	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1003·3	-14	E'N	4	c	64	95	7	4	-	-	7·8	7·8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1001·7	-10	ESE	4	c	61	85	8	4	2	-	7·8	9+	2500
	Scilly (St. Mary's)	163	1000·1	-6	SE	4	ir₀	61	95	7	9	-	-	7·8	7·8	1500
	Guernsey	175	1004·1	-4	-	0	bc	62	75	8	8	-	-	4·6	4·6	2500
6	Pembroke	142	1003·4	0	E	2	c	61	75	7	5	-	-	10	10	4000
7	Holyhead	26	1006·5	-8	ENE	4	c	60	85	6	5	-	-	7·8	7·8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010·2	+4	SE	3	bc	59	85	7	-	7	-	0	2·3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1011·2	0	E	2	c	58	95	7	6	-	-	7·8	7·8	1500
11	Inchkeith	190	1011·8	+2	NE	1	ir₀	58	95	8	6	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1012·5	+6	~~NNE~~	~~2~~	c	54	95	7	8	6	-	4·6	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012·2	+2	NW	2	c	51	85	8	8	1	-	7·8	9	1500
16	Lerwick	54	1011·3	+8	W	2	m	53	95	4	5	-	-	10	10	~~450~~ 420
17	Blacksod Point	18	1008·3	+14	E	2	bc	60	85	8	-	7	-	0	4·6	
18	Malin Head	52	1009·7	+10	E	1	c	58	95	7	8	-	-	9	9	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1002·6	+14	NE	4	bc	60	95	8	9	-	-	4·6	4·6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1006·6	+6	NE	2	rr	62	95	5	6	2	-	9	10	2500	1	*
	Croydon	1006·9	+2	ENE	1	rr	61	95	5	5	2	-	4·6	10	5700	1	*
	S. Farnborough	1006·5	0	E	1	rr	60	95	4	5	-	-	10	10	5700	1	*
	Boscombe Down	1005·8	+14	E	2	rr	60	95	4	6	-	-	10	10	220	1	*
	Calshot (S'thmtn)	1005·4	+16	ENE	5	pr	64	95	6	5	-	-	9+	9+	4000	1	3
	Dungeness	*	*	NE	2	RR	*	*	6	6	-	*	9+	9+	1500	*	1
	Lympne	1006·4	+6	N'E	2	rr₀	59	95	5	5	2	-	7·8	10	2500	1	*
2	Shoeburyness	1006·9	+14	E'N	2	c	65	95	6	5	2	-	4·6	9	2500	0	*
	Felixstowe	1007·3	+8	ENE	4	bc	66	75	7	-	4	6	0	4·6	-	0	3
	Gorleston	1008·6	0	ENE	4	c	64	85	7	-	8	6	0	7·8	-	0	3
	Cranwell	1009·4	+2	NE'E	2	c	61	95	7	8	7	-	4·6	9+	4000	*	*
3	Birmingham	1008·0	+2	ENE	3	c	59	85	6	-	8	-	0	7·8	-	0	*
	Upper Heyford	1006·6	0	E	3	ir	60	95	6	6	7	-	2·3	10	4000	1	*
4	Ross-on-Wye	1006·9	+6	E'N	2	ir₀	58	85	~~6~~ 6	6	2	-	2·3	10	~~4000~~ 2500	0	*
5	Portland Bill	1004·2	+16	E	2	c	63	95	7	4	-	-	7·8	7·8	2500	0	2
	Plymouth	1002·9	+6	E	3	id₀	62	95	8	5	-	-	9+	9+	1500	0	0
	The Lizard	1001·6	+2	SE'E	4	bc	62	95	8	8	7	-	2·3	4·6	2500	1	2
	Scilly (St. Mary's)	1000·7	+6	ESE	3	c	62	95	7	2	6	3	2·3	7·8	2500	1	3
	Guernsey	1004·2	+10	SSW	1	bc	64	85	8	8	7	-	2·3	4·6	4000	0	2
6	Pembroke	1003·3	+8	NE	1	ebr₀	62	75	7	5	7	-	7·8	9+	2500	1	2
7	Holyhead	1006·8	+4	ENE	4	3₀	~~64~~ 67	75	6	-	7	-	0	9	-	1	3
	Chester (Sealand)	1008·6	+2	SE'E	1	3₀	61	75	5	1	3	6	Tr	7·8	4000	0	*
8	L'pool (Bidston)	1008·6	0	E'N	4	3₀	63	85	6	5	1	1	2·3	4·6	1500	0	*
	Manchester	1008·8	-2	ENE	3	c	60	75	5	-	-	2	0	7·8	-	0	*
9	Harrogate	1010·8	0	NNE	1	bc	57	85	6	5	-	2	2·3	2·3	4000	0	*
10	Spurn Head	1009·7	-2	SE	4	bc	62	85	7	-	7	9	0	4·6	-	0	3
	Catterick	1010·9	+2	N	2	3₀	60	85	5	-	-	1	0	2·3	-	0	*
	Tynemouth	1011·0	+2	SE	1	c	58	95	5	5	-	-	7·8	7·8	1500	0	1
11	Inchkeith	1011·8	0	NNE	2	c	59	95	6	5	-	-	9+	9+	2500	1	1
	Leuchars	1011·8	-2	NE	1	c/r	58	95	6	5	7	-	9+	10	220	1	*
12	Renfrew (Abbotts I.)	1011·0	0	ENE	2	3₀	59	95	6	5	3	-	2·3	9	5700	1	*
	Eskdalemuir	1011·3	+2	N	2	bc	57	75	7	-	3	1	0	4·6	-	1	*
13A	Tiree	1011·2	0	N	2	c	57	95	7	5	7	-	7·8	7·8	2500	1	1
13B	Stornoway	1012·5	0	NNE	1	r₀r₀	52	95	6	5	-	-	10	10	800	1	1
15	Dalwhinnie	1012·4	-2	N	1	c	55	95	8	4	3	-	4·6	10	4000	1	*
	Aberdeen	1011·8	0	S	1	3₀	59	85	6	-	7	-	0	9+	-	0	0
	Wick	1012·5	0	NNE	2	c	53	95	8	5	1	-	7·8	10	1500	0	1
16	Lerwick	1012·4	+10	W	2	c	54	95	7	5	2	-	7·8	10	450	0	*
17	Blacksod Point	1010·3	+8	N	2	bc	60	85	8	2	-	-	4·6	4·6	4000	1	2
18	Malin Head	1010·5	+4	-	0	3₀	59	95	6	5	9	-	4·6	9	1500	1	0
	Aldergrove	1009·8	+2	NE'N	3	3₀	59	85	6	-	3	1	0	7·8	-	1	*
	Donaghadee	1009·9	+2	NNE	1	c	57	95	7	5	-	-	7·8	7·8	1500	0	0
19	Birr Castle	1007·7	+8	NE	1	c	56	95	8	-	-	5	0	7·8	-	1	*
20	Valentia Obsy.†	1006·7	+18	ENE	5	c	62	75	8	2	4	9	Tr	7·8	2500	1	2
	Roches Point	1005·7	+20	NE	3	c	62	75	8	3	-	-	7·8	7·8	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 20th Hrs. (36)
1	London (Kew)	80	62	60	-	3	11·1
	Croydon	78	61	58	-	4	13·4
	S. Farnborough	77	59	47	-	10	11·1
	Boscombe Down	75	59	57	-	9	8·8
	Calshot (S'thmtn)	73	62	61	-	2	~~14·5~~ 13·5
	Dungeness	71	59	*	-	7	
	Lympne	72	58	57	-	4	13·4
2	Shoeburyness	74	63	60	-	-	13·6
	Felixstowe	70	63	61	-	-	13·2
	Gorleston	71	63	62	-	-	11·2
	Cranwell	75	53	49	-	-	7·9
3	Birmingham	74	56	53	-	-	6·5
	Upper Heyford	76	56	53	-	0·6	*
4	Ross-on-Wye	75	57	50	-	Tr	4·6
5	Portland Bill	66	61	*	-	-	*
	Plymouth	71	58	55	-	Tr	1·6
	The Lizard	68	59	*	-	2	*
	Scilly (St. Mary's)	69	59	*	0·4	27	2·8
	Guernsey	70	59	55	-	-	12·6
6	Pembroke	66	59	*	Tr	Tr	0·4
7	Holyhead	65	59	56	1	-	0·0
	Chester (Sealand)	72	53	44	Tr	-	0·0
8	L'pool (Bidston)	67	60	56	Tr	-	0·0
	Manchester	74	56	51	-	-	0·4
9	Harrogate	70	51	45	-	-	3·1
10	Spurn Head	68	58	*	-	-	7·4
	Catterick	70	51	47	Tr	-	0·5
	Tynemouth	62	57	54	-	-	*
11	Inchkeith	60	55	54	0·3	0·1	0·0
	Leuchars	64	56	54	Tr	Tr	0·5
12	Renfrew (Abbotts I.)	62	57	56	5	1	0·0
	Eskdalemuir	64	53	52	1	Tr	0·0
13A	Tiree	60	56	54	8	1	0·0
13B	Stornoway	60	52	*	-	3	10·3
15	Dalwhinnie	61	52	50	Tr	-	0·0
	Aberdeen	62	57	51	-	-	3·4
	Wick	61	50	*	-	Tr	*
16	Lerwick	57	53	*	0·4	-	0·0
17	Blacksod Point	63	57	*	Tr	2	*
18	Malin Head	62	56	*	9	-	0·0
	Aldergrove	62	53	48	2	0·1	0·0
	Donaghadee	61	55	*	2	3	*
19	Birr Castle	65	55	49	0·6	-	0·1
20	Valentia Obsy.†	70	59	55	3	0·4	1·5
	Roches Point	62	60	*	7	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	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bccy	bcy	bcerrw	80	62	60	-	3	11·1	*	*	6
Croydon	217	bcy	bcyv	PRrr	78	61	58	-	4	13·4	*	*	5
Greenwich (Royal Observatory)	149	cy	cby	berrc	85	60	56	-	1	11·7	43	77	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	10·3	*	*	*
Westminster (St. James' Park)	27	*	*	*	79	62	60	2-	2	10·0	41	77	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	79	61	58	Tr	2	9·1	46	84	*
Camden Square	110	c	cbc	*	79	61	56	-	2	*	*	83	*
Kensington	80	bc	bc	*	78	62	57	-	3	9·8	At 18h. 44	93	*
Hampstead Observatory	450	bc	bc	cr	77	58	56	-	2	10·0	*	93	*

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	6-7h 21st	<0·3	8h 20th to 5h 21st

Kew Observatory Max.	Time.	Min.	Time.
0·2	6h 21st	<0·1	11-18h 20th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 20th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 21st July 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	1005·0	ENE	2	b	84	1006·7	WSW	5	c	66	86	64	-	-
Brussels	1017·4	ENE	3	c	75	1004·8	ENE	3	w	63	77	57	-	Tr
Berlin	1011·1	-	0	c	77	1010·3	ENE	1	c	72	79	64	-	Tr
Zürich	1007·8	E	1	bc	81	1011·8	WNW	2	c	66	88	64	-	0·5
Rome	1011·5	-	0	bc	79						*	*	-	

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

COLUMNS 34, 35.
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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 22nd July 1934.

No. 26540

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

Division	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force 0-12 (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud Form Low (9)	Cloud Form Med. (10)	Cloud Form High (11)	Cloud Amount Low 0-10 (12)	Cloud Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	1006.5	0	E	3	c	74	55	7	8	–	–	9	9	2500
	Croydon	1006.7	-2	ESE	3	c	73	65	7	7	7	–	4.6	9+	4000
	S. Farnborough	1006.2	+2	E	2	3_0	73	65	6	8	–	–	9	9	5700
	Boscombe Down	1006.0	+2	E	2	c	70	75	6	8	–	–	9+	9+	2500
	Calshot, S'thmtn	1006.5	+14	SE'E	3	c	69	75	6	5	–	–	9+	9+	4000
	Dungeness	*	*	NE	2	c	*	*	6	5	7	*	4.6	7.8	2500
	Lympne	1007.5	+14	N	2	c	67	75	6	5	7	–	7.8	9	4000
2	Shoeburyness	1007.5	+12	E	4	c	68	85	7	5	1	–	4.6	7.8	4000
	Felixstowe	1006.9	-12	NE'N	5	c	65	75	7	8	2	8	4.6	9+	4000
	Gorleston	~~1008.3~~ 1009.8	+6	NE'E	3	ir_0	66	75	6	8	–	–	9+	9+	800
	Cranwell	1009.1	0	E'N	4	c	72	55	7	5	7	4	4.6	7.8	4000
3	Birmingham	1008.0	0	E	2	c	70	55	8	–	7	–	0	9	–
	Upper Heyford	1007.0	-6	NE	2	c	72	65	7	7	3	–	Tr	7.8	4000
4	Ross-on-Wye	1007.3	+4	ENE	2	[illegible]	67	75	5	5	2	–	4.6	10	2500
5	Portland Bill	1007.2	+10	S	3	c	67	85	8	4	4	–	7.8	7.8	2500
	Plymouth	1005.0	+2	SSE	4	bc	68	75	8	8	3	3	2.3	2.3	2500
	The Lizard	1004.5	+6	E	4	bc	68	85	8	8	6	–	4.6	4.6	1500
	Scilly (St. Mary's)	1004.2	+14	SE	3	cjp	66	85	7	9	6	3	7.8	9	2500
	Guernsey	1005.8	+4	–	0	bc	70	75	8	8	8	–	4.6	4.6	4000
6	Pembroke	1004.1	0	E	1	3_0	69	75	6	5	8	–	4.6	7.8	4000
7	Holyhead	1007.1	0	N'E	3	3_0	71	65	6	2	–	–	1	1	4000
	Chester (Sealand)	1007.9	-4	SE'E	2	c	77	45	6	1	3	–	4.6	7.8	4000
8	L'pool (Bidston)	1008.0	-4	E	3	bc	77	45	6	1	–	–	2.3	2.3	2500
	Manchester	1008.2	-2	ESE	4	c	76	45	7	1	4	–	4.6	7.8	4000
9	Harrogate	1009.9	0	E	3	bc	72	45	8	2	–	9	1	2.3	4000
10	Spurn Head	1010.3	0	E'S	4	bc	66	75	7	–	7	1	0	4.6	–
	Catterick	1009.8	-6	ESE	2	bc	75	45	7	2	–	1	4.6	4.6	4000
	Tynemouth	1011.2	+2	–	0	bc	65	85	6	2	–	1	2.3	4.6	2500
11	Inchkeith	1010.9	-6	NE	3	c	64	85	8	8	6	–	4.6	9+	2500
	Leuchars	1011.4	-2	E	1	c	65	85	7	7	7	–	2.3	9	5700
12	Renfrew (Abbotsinch)	1010.1	-6	W	1	3_0	69	75	6	7	3	–	2.3	9+	5700
	Eskdalemuir	1009.7	-4	S	3	bc	71	55	7	2	–	1	4.6	4.6	4000
13A	Tiree	1010.5	0	N	2	c	56	95	8	5	–	–	7.8	7.8	2500
13B	Stornoway	1012.1	-6	SE	1	pr	55	95	8	8	2	–	4.6	10	1500
15	Dalwhinnie	1011.3	-2	SE	3	id	60	85	6	3	2	–	7.8	10	800
	Aberdeen	1011.7	0	SSE	2	c	65	65	7	–	7	–	0	9+	–
	Wick	1011.4	-4	NE	2	r_0r_0	54	95	7	8	1	–	7.8	10	1500
16	Lerwick	1012.5	0	S'E	2	c	55	95	8	8	7	8	4.6	9	1500
17	Blacksod Point	1011.1	+2	N	3	c	64	85	8	2	3	–	4.6	7.8	2500
18	Malin Head	1011.1	+2	NE	3	c	61	95	7	8	5	–	2.3	7.8	1500
	Aldergrove	1009.7	-6	N	1	3_0	70	65	6	1	8	1	Tr	4.6	4000
	Donaghadee	1010.2	+2	N	1	bc	62	85	7	8	3	–	4.6	4.6	1500
19	Birr Castle	1008.2	0	NE	3	bc	76	55	7	1	–	8	2.3	4.6	2500
20	Valentia Obsy.	1008.5	+2	N'E	5	bc	70	75	7	2	4	1	1	2.3	2500
	Roches Point	1007.5	+12	NE	3	bc	69	55	8	3	–	–	4.6	4.6	2500

OBSERVATIONS at 18h. G.M.T. 21st July

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)
London (Kew)	1007.7	+12	SSE	2	c	70	65	7	8	–	–	9	9	2500	1	*
Croydon	1007.5	+6	SE	1	c	70	75	7	8	–	–	7.8	7.8	5700	0	*
S. Farnborough	1007.2	+8	ENE	1	bc	69	75	7	8	1	–	2.3	4.6	2500	1	*
Boscombe Down	1006.4	+2	S	1	bc	73	65	7	8	3	–	2.3	4.6	2500	0	*
Calshot, S'thmtn	1007.0	+4	S	3	b	72	65	8	3	–	–	1	1	4000	0	2
Dungeness	*	*	SW	1	b	*	*	7	–	8	*	0	1	–	*	0
Lympne	1008.0	+6	WSW	1	bc	68	75	7	4	6	–	1	2.3	7200	1	*
Shoeburyness	1008.1	+4	ENE	2	c	66	95	7	5	–	–	9	9	5700	0	*
Felixstowe	1007.6	+4	NE'N	~~4~~ 3	c	68	75	7	5	–	–	7.8	7.8	4000	1	2
Gorleston	1008.3	-4	NNE	4	c	63	95	6	–	7	–	0	7.8	–	1	3
Cranwell	1009.9	+2	NE'E	3	c	65	65	8	5	3	–	9	9+	4000	1	*
Birmingham	1008.7	+2	NE	3	c	68	55	8	–	3	–	0	9+	–	0	*
Upper Heyford	1007.3	+6	NE	3	c	72	55	7	7	3	–	7.8	9	4000	0	*
Ross-on-Wye	1007.0	0	E'N	3	c	71	55	7	5	–	–	10	10	2500	0	*
Portland Bill	1006.7	+4	S	3	bc	65	95	8	4	–	–	2.3	2.3	2500	0	2
Plymouth	1006.2	+10	S'E	3	bc	67	85	8	8	3	4	1	2.3	4000	0	1
The Lizard	1006.4	+10	ESE	1	bc	67	85	8	8	4	–	2.3	2.3	1500	0	2
Scilly (St. Mary's)	1006.7	+16	ESE	1	bc	66	85	8	2	4	–	4.6	4.6	4000	1	2
Guernsey	1006.3	+8	S	2	bc	69	75	8	8	8	–	4.6	4.6	2500	0	2
Pembroke	1005.3	+2	–	0	pr	68	75	6	9	–	–	9+	9+	1500	1	1
Holyhead	1007.9	+4	NW'W	2	u	61	85	6	8	–	–	9	9	5700	0	2
Chester (Sealand)	1008.6	+6	SE'E	3	c	72	55	7	5	3	–	2.3	9	4000	0	*
L'pool (Bidston)	1008.6	+2	ESE	4	c	72	45	6	5	–	–	9+	9+	1500	0	*
Manchester	1008.8	+6	SE	4	c	73	55	7	7	7	8	Tr	7.8	4000	0	*
Harrogate	1010.2	0	ESE	3	c	69	55	8	–	9	9	0	7.8	–	0	*
Spurn Head	1010.5	0	E'N	3	c	63	85	7	5	7	–	4.6	9	4000	0	2
Catterick	1010.0	+2	SE	3	bc	70	55	7	1	·	1	Tr.	4.6	2500	0	*
Tynemouth	1011.0	0	SE	2	bc	61	95	6	2	–	2	2.3	4.6	2500	0	1
Inchkeith	1009.8	-8	ENE	2	c	60	95	8	7	6	–	7.8	9+	2500	0	1
Leuchars	1010.3	-6	E	3	bc	64	85	7	2	7	–	Tr	4.6	4000	1	*
Renfrew (Abbotsinch)	1009.2	-4	NW'W	2	c	67	75	6	8	6	–	9+	9+	7200	1	*
Eskdalemuir	1009.2	-2	SE'E	3	bc	68	65	7	8	–	–	4.6	4.6	4000	1	*
Tiree	1011.4	0	NNW	3	c	57	85	8	5	–	–	7.8	7.8	2500	1	2
Stornoway	1011.7	0	NE	2	c	56	85	8	8	7	–	4.6	9	1500	1	1
Dalwhinnie	1010.6	0	–	0	id_0	59	95	8	3	2	–	4.6	10	4000	1	
Aberdeen	1011.2	-2	SSE	2	3_0	63	85	6	5	3	–	7.8	9+	800	0	0
Wick	1010.5	-2	S	1	r_0r_0	55	95	6	6	2	–	7.8	10	1500	1	1
Lerwick	1012.8	+2	SW	1	c	55	95	7	5	7	–	4.6	7.8	1500	0	*
Blacksod Point	1012.1	+4	NNE	4	c	61	85	7	–	7	–	0	10	–	0	3
Malin Head	1011.2	+2	N	3	c	58	95	8	5	–	–	10	10	800	0	0
Aldergrove	1010.1	+10	NNW	4	3_0	66	75	6	9	3	–	9	9+	2500	1	*
Donaghadee	1009.9	-2	N	1	bc	61	85	7	8	3	–	2.3	4.6	1500	0	0
Birr Castle	1008.5	+4	N	1	bc	75	45	8	1	–	8	1	2.3	2500	0	*
Valentia Obsy.	1010.0	+14	NNE	4	bc	67	75	8	2	5	6	2.3	4.6	2500	0	2
Roches Point	1008.9	+8	NE	2	bc	66	75	8	3	–	–	4.6	4.6	2500	1	2

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 21st (37)	13h.–18h. 21st (38)	18h. 21st to 1h. 22nd (39)	1h.–7h. 22nd (40)
London (Kew)	r_0cy	bcct	cm_0	cm_0w
Croydon	cm_0mir⊕⊕	c	$c\text{-}bm_0$	b,cm_0w
S. Farnborough	$bcc3_0$	$ctlir_0cbc$	bbcc	cwmo
Boscombe Down	$orrcm_0$	cpr_0bc	bc	bc+
Calshot, S'thmtn	cm_0c3_0	bcyb		bm_0bc
Dungeness	c	bc	*	+
Lympne	cr_0r_0to	cbc	bm_0w	bm_0fm_0
Shoeburyness	cr_0m_0	cbcb	cbc	bcb,cm_0
Felixstowe	bcctlrrr	ctr_0cbc	c	com_0
Gorleston	cqr_0	cr_0cq	cbcq	bcc
Cranwell	c	c	c	ocm_0
Birmingham	c	c	cbc	vbcc
Upper Heyford	cr_0r	bcc	c	c
Ross-on-Wye	por_0r_0	$c3_0c$	cgtlr	cbz
Portland Bill	c	c	bc	bcc
Plymouth	cid_0b	bbc	bcb	b
The Lizard	$bcpr_0$	bc	bcbfm	mbbcw
Scilly (St. Mary's)	cpc	cpbc	bcbw	bbcw
Guernsey	bc	bc	bcbw	bw
Pembroke	cm_0irc	cm_0tprc	om_0irbcc	cm_0
Holyhead	$cb3_0$	$b3_0cu$	cum_0c	com_0o
Chester (Sealand)	$bbc3_0y$	tyr_0c	cm_0	$c3_0m$
L'pool (Bidston)	bcy	cy	yc	o
Manchester	$bbc3_0y$	$c3_0cy$	bcyc	$cbc3_0$
Harrogate	bcb	bbc	bcc	bcc
Spurn Head	bc	bcc	cbc	bcw
Catterick	bm_0bcy	bcy	bcycw	cw
Tynemouth	cffbc	bc	bcc	cbc
Inchkeith	c	c	c	orfrf
Leuchars	$c3_0$	cbc	b,c	tlkrr
Renfrew (Abbotsinch)	c 3_0	$c3_0cc3_0$	$c3_0c$	RrrRc
Eskdalemuir	bcy	bcybc	bc	bccrr
Tiree	cid_0	cid_0c	cbcz	cbc
Stornoway	cr_0r_0	cpr_0	c	c
Dalwhinnie	o	ir	*	ir
Aberdeen	$c3_0cyc$	$c3_0$	$c3_0$	$c3_0rr$
Wick	cr_0r_0	cr_0m_0	$orrm_0$	$crrm_0$
Lerwick	c	c	$crrm_0$	$crrirm_0$
Blacksod Point	cbc	cbc	ir_0	bc
Malin Head	$c3_0$	c	c	c
Aldergrove	$b3_0bc$	$bc3_0$	c	cbc
Donaghadee	cbc	bc	c	cir_0c
Birr Castle	cbcy	bcy	bcc	c
Valentia Obsy.	bc	bcbbc	bcc	c
Roches Point	cbcy	bc	bcc	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_0, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s_0/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_0, 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.

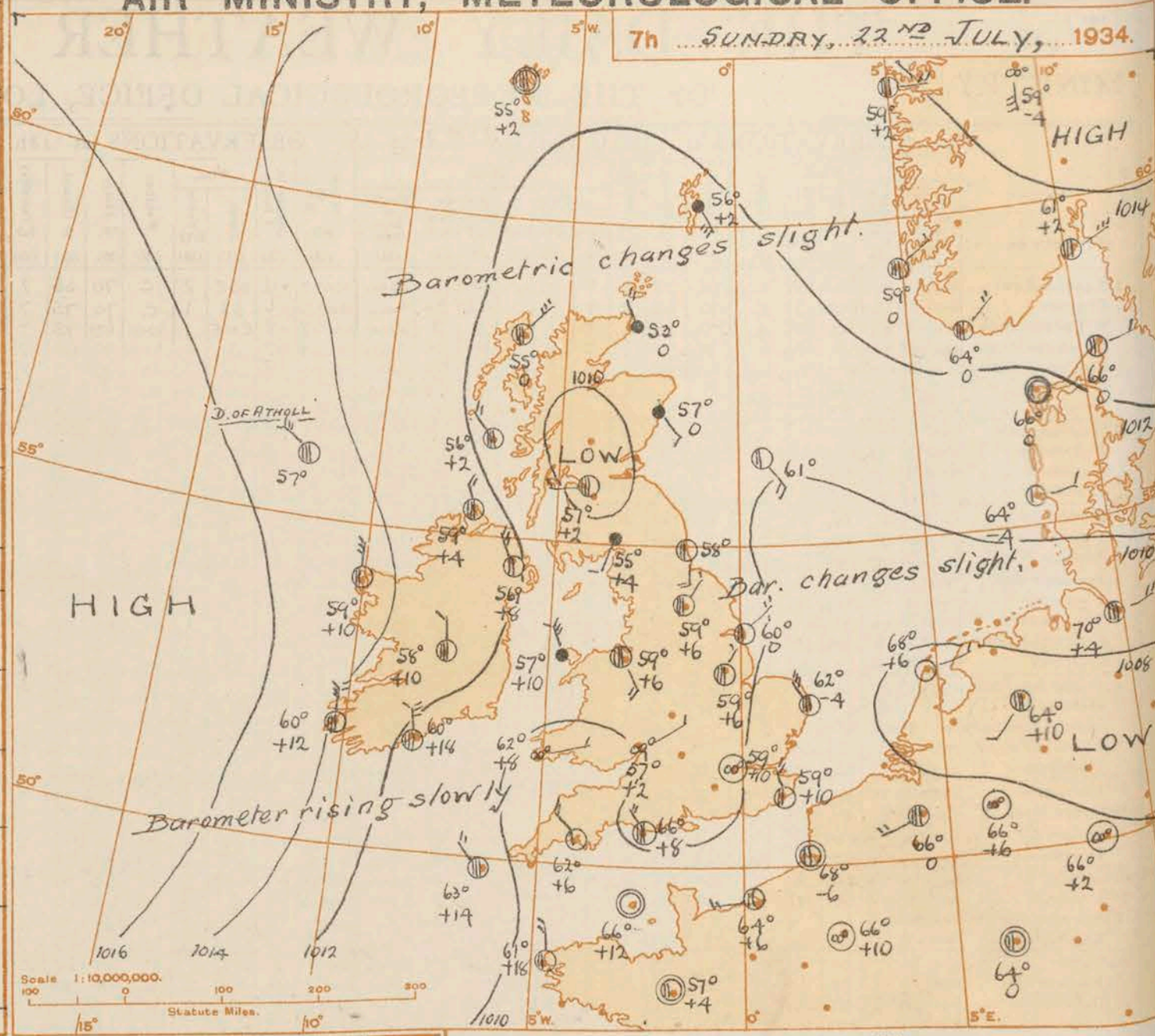
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 21st July 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.	bcc	oc	60	75	1	-	2.5	13.3
	Bournemouth	obcb	b	63	76	0.3	-	7.0	11.4
	Ventnor ...	pocb	b	63	75	0.3	-	7.9	14.2
	Southsea ...	bcbc	cb	62	74	13	-	5.4	13.7
	Bognor Regis	cbc	bcb	60	71	16	-	7.0	13.3
	Littlehampton	bc	bc	61	73	13	-	5.5	12.7
	Worthing ...	c	cbcb	61	71	9	-	5.2	12.4
	Brighton ...	bc	bc	60	72	8	-	5.9	11.9
	Eastbourne†	cbc	bcby	61	75	6	-	7.8	11.8
	Hastings† ...	bcbbc	bcc	59	70	6	-	3.9	11.9
	Folkestone ...	ortc	b	59	72	6	0.3	2.6	13.1
	Dover... ...	cp	cbcc	60	71	7	Trace	2.7	13.6
	Deal	tlrc	bccbc	61	71	5	Trace	5.8	14.0
	Ramsgate ...	c	cbc	62	68	5	-	4.6	13.5
	Margate ...	ctlr	bc	60	73	4	Trace	4.1	14.1
2	Southend ...	oc	cbcc	63	73	0.6	-	2.9	13.6
	Maldon ...	epoc	cbc	61	72	Trace	-	2.6	11.3
	Clacton-on-Sea	cptlc	cbc	64	70	2	-	4.0	13.7
	Dovercourt ...	bvbcc	tlrbc	64	69	-	3	3.4	13.4
	Lowestoft ...	bcc	oprbc	61	68	-	2	5.2	11.8
	Skegness ...	bc	bco	61	67	-	-	8.0	7.5
	Mablethorpe	bc	bcc	62	66	-	-	8.4	8.9
	Cleethorpes...	b	bc	59	66	-	-	9.9	9.7
3	Leamington S.	oc	c	56	75	-	-	1.9	7.7
4	Cheltenham†	oirc	cbcc	59	74	Trace	1	1.9	7.9
5	Bath	pcbc	ctlR	58	71	7	9	0.9	8.8
	Weymouth ...	cbc	cb	63	71	-	-	5.9	10.4
	Jersey ...	bc	bcpbc	62	78	-	0.3	9.2	13.4
	Torquay ...	ohdm	bcb	60	69	5	2	6.9	5.9
	Penzance ...	cb	b	60	69	8	-	8.4	4.6
	St. Ives ...	c	c	59	71	1	-	5.1	2.8
	Bude	rbc	bc	64	75	4	-	4.4	2.4
	Ilfracombe ...	oc	copc	61	70	-	0.5	2.0	1.3
6	Aberystwyth	cbc	bcjp	60	75	-	-	4.3	0.2
7	Llandudno ...	b	bbcvc	58	75	Trace	-	7.8	0.0
	Colwyn Bay...	bcb	bco	57	73	-	-	7.7	0.0
	Rhyl	bcb	bbcc	58	78	-	-	6.3	0.0
8	Wallasey ...	b	bbcc	56	78	-	-	6.4	0.0
	Southport‖ ...	bbc	c	56	79	-	-	8.7	0.0
	Blackpool ...	c	c	57	78	0.1	-	10.6	0.0
	Morecambe ...	bc	bccbc	60	78	-	-	6.7	0.0
9	Ilkley... ...	b	b	49	75	-	-	9.9	1.3
10	Berwick-on-T.	bcc	cbc	56	63	-	-	8.9	0.0
11	Dunbar ..	bc	bc	55	66	-	-	5.2	0.0
12	Troon... ...	cocj	bcbj	58	71	Trace	-	4.8	0.0
	Douglas ...	cbbc	bccb	56	73	0.3	-	7.9	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd July, 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	Wind variable light, variable cloud, long bright periods, probably local thunder showers in afternoon, warm and close.
11. S.E. Scotland	As 14 - 16.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland.	Wind north to northwest, moderate, cloudy, thundery showers; moderate temperature.
14. Mid-Scotland 15. N.E Scotland 18. Orkneys and Shetlands.	Wind between north and east, light, cloudy, thunderstorms or thundery rains; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind northwest to north, moderate, fair apart from a few scattered showers; moderate temperature.

GENERAL INFERENCE.

A complex area of low pressure extends from Central Europe to the British Isles. Weather will be of a thundery tendency over the country though there will be long bright periods in the south.

FURTHER OUTLOOK.

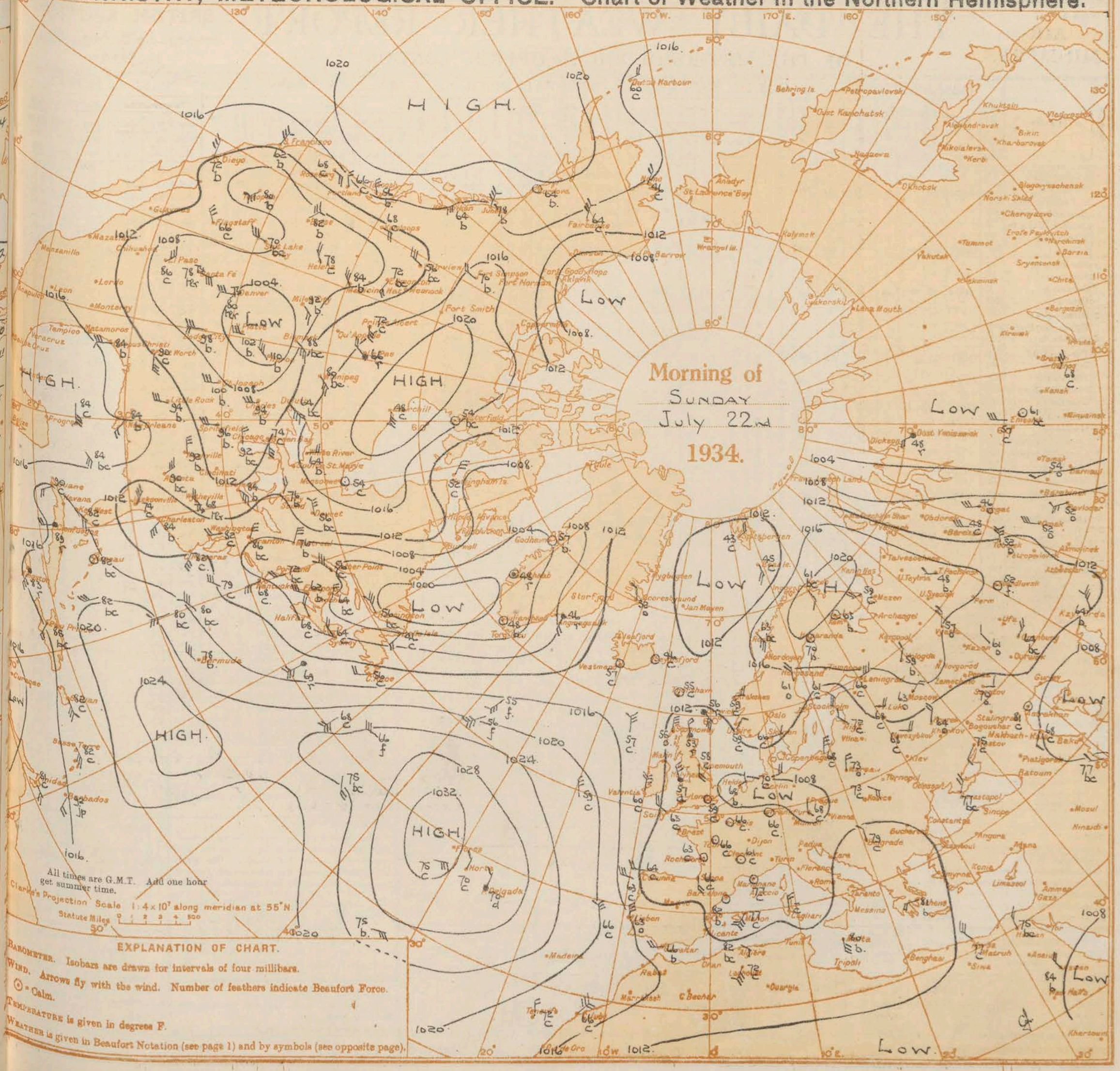
Conditions becoming quiet and fair generally.

Forecasts issued at 1230 G.M.T.

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

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 22nd July 1934.

No. 26540

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

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	1009.1	+2	-	0	b	60	95	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1009.1	+2	N	3	b	59	95	6	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1008.4	-12	NNE	4	b	62	85	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1008.7	+4	W	2	bc	62	95	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1008.2	0	E	1	m	59	95	4	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1008.1	+6	NNE	1	b	59	95	7	1	-	-	1	1	4000
	Guernsey ...	175	1008.3	+2	-	0	b	62	95	8	-	-	-	0	0	-
6	Pembroke ...	142	1007.6	+6	-	0	c	62	95	7	5	-	-	10	10	4000
7	Holyhead ...	26	1009.4	+4	-	0	c	61	85	6	5	-	-	10	10	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ..	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010.2	0	E'N	3	bc	58	95	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1011.2	-2	S	1	c	58	95	7	4	-	-	7-8	7-8	4000
11	Inchkeith ...	190	1009.8	-8	SW	1	c	60	95	7	5	-	-	9+	9+	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1012.1	-2	NE	3	c	54	85	8	8	6	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1011.5	0	NW	1	rr	53	95	6	6	-	-	10	10	1500
16	Lerwick ...	54	1012.5	-2	SE'E	3	rr	55	95	6	9	2	-	9	10	800
17	Blacksod Point	18	1013.5	+4	NNE	4	c	58	85	7	-	7	-	0	7-8	-
18	Malin Head ...	52	1011.8	+2	N	2	c	57	95	8	8	-	-	9+	9+	1500
	Aldergrove ..	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1012.0	+14	NWN	5	c	60	95	7	7	-	-	10	10	2500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
London (Kew)	1010.4	+10	N'E	2	c	61	85	6	5	-	-	9+	9+	2500	1	*
Croydon	1010.5	+10	-	0	zo	59	95	5	5	-	-	4-6	4-6	5700	0	*
S. Farnborough	1010.1	+8	-	0	o	59	95	4	5	-	-	10	10	2500	1	*
Boscombe Down	1009.9	+12	NNW	1	bf	57	95	2	-	-	-	0	0	-	1	*
Calshot, (S'thmtn)	1009.6	+16	NNW	3	bc	62	85	7	-	5	9	0	2-3	-	0	1
Dungeness	*	*	NW	1	of	*	*	3	5	-	*	10	10	800	*	0
Lympne	1009.9	+10	NNW	2	bc	59	95	6	5	3	-	4-6	4-6	450	0	*
Shoeburyness	1009.7	+6	NWN	2	c	59	95	6	5	3	-	4-6	7-8	4000	0	*
Felixstowe	1009.0	+10	WN	2	o	60	95	6	5	-	-	10	10	220	0	1
Gorleston	1008.0	-4	NWN	3	c	62	95	6	5	-	-	10	10	1500	0	2
Cranwell	1010.6	+6	N'E	1	c	59	95	6	5	-	-	9+	9+	450	1	*
Birmingham	1010.7	+2	E	1	c	57	95	5	5	-	-	9+	9+	800	1	*
Upper Heyford	1010.4	+6	E	1	c	60	85	7	5	-	-	9+	9+	1500	0	*
Ross-on-Wye	1009.9	+6	ENE	1	zo	61	85	6	5	-	-	4-6	4-6	2500	1	*
Portland Bill	1010.1	+8	NW	2	c	66	85	7	4	-	2	7-8	7-8	2500	0	2
Plymouth	1009.5	+6	NW	2	b	62	95	7	-	3	-	0	Tr	-	0	1
The Lizard	1009.5	+6	N'W	1	bc	63	95	6	7	4	-	2-3	2-3	4000	0	1
Scilly (St. Mary's)	1010.4	+14	NWN	2	c	63	95	6	5	4	1	4-6	7-8	4000	1	1
Guernsey	1009.3	+12	-	0	b	66	75	7	-	-	-	0	0	-	0	1
Pembroke	1008.8	+6	E	1	zo	62	85	6	5	7	-	4-6	9+	4000	1	1
Holyhead	1010.3	+10	NW	4	ldo	57	95	6	5	-	-	10	10	450	0	2
Chester (Sealand)	1010.5	+6	SE'S	2	c	59	85	7	-	7	-	0	9	-	0	*
L'pool (Bidston)	1010.4	0	SE'E	3	c	60	85	7	5	7	-	4-6	10	2500	0	*
Manchester	1010.7	+8	S	1	zo	60	75	5	-	3	2	0	4-6	-	0	*
Harrogate	1011.2	+6	SE	1	c	59	85	7	3	9	9	2-3	7-8	2500	0	*
Spurn Head	1010.2	0	NE	2	bc	60	95	7	-	7	-	0	4-6	-	0	1
Catterick	1011.2	+6	SSW	1	c	59	85	8	5	-	-	9	9	4000	0	*
Tynemouth	1010.9	0	S	2	bc	58	85	6	4	-	2	4-6	4-6	4000	0	1
Inchkeith	1009.7	-6	S	1	rr	59	95	4	6	-	-	10	10	1500	1	1
Leuchars	1010.0	0	-	0	rr	57	95	5	6	-	-	10	10	450	1	*
Renfrew (Abbotts I)	1009.9	+2	W	1	c	57	95	8	4	6	-	9+	9+	2500	1	*
Eskdalemuir	1010.5	+4	SSW	1	rr	55	95	6	6	2	-	4-6	10	220	1	
Tiree	1011.8	+2	NW	2	bc	56	95	8	7	-	-	2-3	2-3	2500	0	2
Stornoway	1011.7	0	NE	3	c	55	85	8	8	-	-	10	10	1500	1	2
Dalwhinnie	·	-4	-	0	c	54	95	7	9	-	-	10	10	1500	1	*
Aberdeen	1010.5	-6	SE	1	rr	57	95	6	6	-	-	10	10	1500	1	0
Wick	1011.1	0	NNW	2	rr	53	95	6	8	2	-	7-8	10	1500	1	1
Lerwick	1011.7	+2	SSE	3	ir	56	95	5	6	2	-	7-8	10	450	1	*
Blacksod Point	1014.5	+10	N	3	bc	59	85	8	2	-	-	4-6	4-6	4000	0	2
Malin Head	1012.1	+4	N'W	2	c	59	95	8	8	-	-	9+	9+	1500	0	0
Aldergrove	1012.3	+8	NNW	3	bc	56	85	9	7	3	3	2-3	4-6	1500	1	*
Donaghadee	1011.4	+10	N	2	c	55	95	7	5	-	-	7-8	7-8	1500	1	1
Birr Castle	1013.0	+10	N	1	c	58	85	8	5	7	-	2-3	9+	2500	10	*
Valentia Obsy.†	1014.1	+12	N'E	5	c	60	85	8	5	-	-	9+	9+	1500	0	2
Roches Point	1011.8	+18	N	4	c	60	85	8	3	-	-	7-8	7-8	2500	0	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 21 55 Hrs. (36)
London (Kew)	75	58	52	1	—	3.4
Croydon	74	55	55	1	Tr	2.7
S. Farnborough	75	52	44	2	Tr	3.8
Boscombe Down	73	52	50	4	—	4.0
Calshot, (S'thmtn)	75	56	52	Tr	—	8.2
Dungeness	71	53	*	Tr	—	*
Lympne	71	57	53	0.2	—	1.8
Shoeburyness	72	54	51	0.2	—	5.6
Felixstowe	69	57	55	5	—	3.5
Gorleston	67	61	60	1	—	7.4
Cranwell	74	51	48	—	—	2.9
Birmingham	74	55	50	—	—	0.8
Upper Heyford	75	55	50	1	—	*
Ross-on-Wye	73	59	57	0.5	2	0.3
Portland Bill	67	56	*	—	—	*
Plymouth	74	56	51	Tr	—	10.0
The Lizard	70	58	*	Tr	—	*
Scilly (St. Mary's)	67	57	*	2	Tr	11.3
Guernsey	73	58	53	—	—	12.3
Pembroke	70	59	*	8	3	2.5
Holyhead	73	57	56	—	Tr	6.1
Chester (Sealand)	81	52	44	Tr	—	6.5
L'pool (Bidston)	77	59	57	—	—	6.5
Manchester	77	51	46	—	—	7.0
Harrogate	73	53	48	—	—	11.0
Spurn Head	67	57	*	—	Tr	8.8
Catterick	75	55	52	—	—	13.6
Tynemouth	66	57	56	—	—	*
Inchkeith	65	58	55	—	7	4.2
Leuchars	67	57	55	—	7	3.6
Renfrew (Abbotts I)	72	57	56	—	6	1.9
Eskdalemuir	74	53	49	—	4	10.0
Tiree	58	54	49	0.3	—	0.8
Stornoway	59	~~54~~ 45	*	6	—	1.7
Dalwhinnie	62	52	52	0.2	13	0.0
Aberdeen	66	57	56	—	4	0.3
Wick	56	53	*	4	18	*
Lerwick	58	54	*	—	3	0.2
Blacksod Point	65	54	*	—	Tr	*
Malin Head	62	55	*	—	—	4.8
Aldergrove	73	54	51	—	—	7.6
Donaghadee	67	55	*	—	2	*
Birr Castle	77	57	56	—	—	10.3
Valentia Obsy.†	72	59	57	—	—	11.1
Roches Point	71	58	*	—	—	*

LONDON OBSERVATIONS.

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

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Day Max. °F.	Temp. Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
		24 hrs. ended 9h.											
Kew	18	r₀cy	bcct	cm₀w	75	58	52	1	—	3.4	*	*	6
Croydon	217	cm₀rrin⊕	c	c-bm₀cm₀w	74	55	55	1	Tr	2.7	*	*	6
Greenwich (Royal Observatory)	149	c	crc	cbzo	76	56	46	2	—	3.7	64	70	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	3.3	*	*	*
Westminster (St. James' Park)	27	*	*	*	76	60	55	—	—	2.9	56	65	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	78	58	54	-	-	3.3	61	67	*
Camden Square	110	cb	bbc	*	78	59	53	-	-	·	·	71	*
Kensington	80	cpbe	be	*	76	58	52	Tr.	—	3.3	At 18h. 51	66	*
Hampstead Observatory	450	bc	bc	bc	74	55	53	—	—	3.9	*	73	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 hrs. ended 7h. G.M.T. 22nd

	Max.	Time.	Min.	Time.
South Kensington	0.3	6-7h 21st	<0.3	8h20m – 5h 21st
Kew Observatory	0.2	08h 21st	0.1	04h 22nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 21st July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 22nd July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1006.6	SSW	2	c	81	1008.9	—	0	zo	66	82	59	-	—
Brussels	1006.7	SW	3	be	75	1008.6	WSW	2	c	66	82	59	-	—
Berlin	1008.6	NE	3	u	82	1008.0	E'S	1	c	70	86	?	-	—
Zürich	1010.6	NE	1	r	63	1010.7	S	1	c	63	84	57	12	0.1
Rome	1012.0	SE	6	c	71								~	

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.

*1hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 23rd JULY 1934.

No. 26541

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

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)	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)	1009.4	-2	NNW	2	c	74	55	7	2	-	-	7-8	7-8	4000
	Croydon	1009.4	-4	W'N	2	bc	76	55	7	1	-	-	4-6	4-6	4000
	S. Farnborough	1009.2	-6	W	1	c	78	55	7	2	-	1	7-8	7-8	2500
	Boscombe Down	1009.4	0	NW	2	c	77	55	8	7	-	1	4-6	7-8	4000
	Calshot, S'thmtn	1009.4	0	S'W	3	t	77	65	7	8	-	-	7-8	7-8	4000
	Dungeness			SSW	2				5	5	7		2-3	4-6	2500
	Lympne	1009.9	+2	SSE	3	3o bc	69	75	7	2	3	1	4-6	4-6	4000
2	Shoeburyness	1009.1	-4	ENE	1	c	74	75	7	8	-	-	9	9	4000
	Felixstowe	1008.7	0	E'S	2	bc	75	65	7	2	-	-	4-6	4-6	4000
	Gorleston	1008.5	+2	NNW	4	c	67	85	7	5	-	-	7-8	7-8	2500
	Cranwell	1010.1	-4	N	2	bc	73	55	7	1	-	8	1	4-6	4000
3	Birmingham	1010.1	-2	ENE	2	bc	73	45	8	-	8	1	0	2-3	-
	Upper Heyford	1009.7	-6	NW	2	c	74	65	6	2	-	-	9	9	4000
4	Ross-on-Wye	1009.9	-4	WNW	1	c	74	65	6	2	3	-	2-3	9+	5700
5	Portland Bill	1010.1	0	SW	3	bc	66	95	8	2	-	1	2-3	4-6	2500
	Plymouth	1010.0	+2	SSW	4	t	70	85	6	2	-	3	4-6	4-6	2500
	The Lizard	1010.6	+4	W'S	3	t	71	~~95~~ 75	5	8	7	-	4-6	4-6	2500
	Scilly (St. Mary's)	1011.6	+8	NNW	4	c	68	85	6	5	3	-	7-8	9+	4000
	Guernsey	1010.7	+4	-	0	fo	69	65	7	8	3	-	2-3	4-6	2500
6	Pembroke	1010.9	+8	NNE	3	c	60	85	7	5	1	-	4-6	9+	4000
7	Holyhead	1012.3	+10	N	4	c	59	75	8	5	7	-	4-6	10	4000
	Chester (Sealand)	1011.7	+12	NW'W	4	3o	64	75	6	5	7	-	4-6	10	5700
8	L'pool (Bidston)	1011.8	+8	WNW	4	c	62	85	7	6	7	-	2-3	10	1500
	Manchester	1010.5	0	NW'N	3	3o	68	65	6	5	7	-	7-8	10	5700
9	Harrogate	1010.7	0	S	1	c	71	55	8	-	7	-	0	7-8	-
10	Spurn Head	1010.6	0	NE	3	bc	69	75	7	-	1	2	0	4-6	-
	Catterick	1010.2	0	ESE	1	c	70	65	8	-	7	-	0	9	-
	Tynemouth	1010.2	-4	SE	2	c	61	85	7	9	-	-	7-8	7-8	1500
11	Inchkeith	1010.1	+2	SW	2	c	59	95	7	5	-	-	10	10	2500
	Leuchars	1009.6	-4	SSW	2	c/r	62	95	6	5	-	-	9+	9+	450
12	Renfrew (Abbotts I.)	1009.9	-2	WNW	4	bc	65	55	9	1	4	-	4-6	4-6	4000
	Eskdalemuir	1010.5	0	SW	2	c	57	95	6	5	2	-	4-6	10	800
13A	Tiree	1012.6	+4	NWN	3	bc	60	75	8	7	1	8	2-3	4-6	4000
13B	Stornoway	1012.8	+6	NE	3	c	56	75	8	8	6	-	4-6	9	1500
15	Dalwhinnie	1010.8	0	N	2	c	56	85	8	4	4	-	7-8	10	2500
	Aberdeen	1010.4	-4	SSE	3	iro	58	85	6	6	7	-	7-8	9+	1500
	Wick	1010.7	-2	NNE	3	rr	54	95	7	6	2	-	7-8	10	1500
16	Lerwick	1012.4	+6	S'W	2	ir	56	95	6	6	2	-	4-6	10	800
17	Blacksod Point	1015.7	+6	N	3	bc	63	75	8	2	3	-	4-6	4-6	4000
18	Malin Head	1012.9	+6	NNW	3	bc	60	85	9	2	-	-	4-6	4-6	2500
	Aldergrove	1012.7	-6	NNW	3	c	64	65	9	8	-	-	7-8	7-8	2500
	Donaghadee	1012.5	+4	N	2	c	61	75	8	8	3	2	4-6	7-8	2500
19	Birr Castle	1014.2	+4	N	1	c	66	55	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	1016.5	+10	NNW	5	c	62	75	8	7	4	1	7-8	7-8	2500
	Roches Point	1014.2	+10	N	3	bc	65	65	9	1	-	4	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 22nd July

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)
London (Kew)	1008.7	-4	W	1	c	75	55	7	8	-	6	7-8	9	2500	0	•
Croydon	1008.6	-2	WNW	1	bc	76	55	7	2	3	5	2-3	4-6	4000	0	•
S. Farnborough	1009.1	+10	W	4	TL[illegible]	70	75	7	9	2	3	7-8	10	4000	0	•
Boscombe Down	1010.3	+4	SWW	4	t	66	85	6	5	2	-	7-8	9+	1500	0	
Calshot, S'thmtn	1009.5	0	SW	3	c	71	65	8	5	3	-	4-6	7-8	4000	0	2
Dungeness			S	2	c			6	8	7	-	4-6	9	4000	•	9
Lympne	1009.8	0	S'W	2	c	66	85	6	5	3	-	4-6	9	4000	1	
Shoeburyness	1008.8	-2	SE'E	2	bc	69	95	7	5	7	5	1	2-3	5700	0	•
Felixstowe	1009.1	+2	ESE	2	b	67	85	7	2	-	-	Tr	Tr	4000	0	1
Gorleston	1008.8	+4	NW	4	c	68	75	6	8	-	-	7-8	7-8	2500	0	2
Cranwell	1009.9	0	NE	2	c	72	55	8	5	3	5	4-6	9	4000	0	
Birmingham	1010.7	+4	NW	4	c	67	65	8	-	7	-	0	9+	-	0	•
Upper Heyford	1009.4	+2	NW	2	cr	75	55	7	2	-	2	1	7-8	4000	0	•
Ross-on-Wye	1010.3	+4	N'W	2	o/[illegible]	69	75	7	6	-	-	10	10	2500	0	
Portland Bill	1010.4	+4	W	3	bc	65	95	7	4	-	2	4-6	4-6	2500	0	2
Plymouth	1010.9	+2	SW	1	c	67	85	7	8	1	8	Tr	9+	2500	1	0
The Lizard	1011.8	+4	NNW	4	c	67	75	7	8	7	-	4-6	9	2500	0	1
Scilly (St. Mary's)	1013.7	+12	N'E	4	c	62	85	7	5	-	-	9	9	4000	0	2
Guernsey	1011.3	+6	N	4	bc	68	75	7	•	7	-	0	4-6	-	0	2
Pembroke	1011.3	+2	NNE	3	bc	64	85	7	-	-	8	0	4-6	-	0	2
Holyhead	1013.1	+2	NW'N	2	bc	61	75	8	5	3	-	1	2-3	4000	0	2
Chester (Sealand)	1012.7	+4	NW	4	c	61	75	8	5	3	9	4-6	7-8	5700	0	•
L'pool (Bidston)	1012.3	+2	NW'W	4	bc	62	65	9	3	4	-	1	4-6	4000	0	
Manchester	1011.7	+6	NW'N	4	c	65	55	7	-	3	9	0	7-8	-	0	•
Harrogate	1010.6	0	SW	2	c	65	65	7	6	9	9	7-8	9+	2500	0	•
Spurn Head	1010.6	0	NE	3	bc	64	85	9	-	7	1	0	4-6	-	0	2
Catterick	1010.2	+2	-	0	c	66	65	8	5	7	-	2-3	10	4000	0	•
Tynemouth	1010.5	0	S	1	o	62	85	6	5	-	-	10	10	1500	0	1
Inchkeith	1009.7	0	SW	4	bc	64	85	8	2	-	-	2-3	2-3	4000	0	2
Leuchars	1008.6	-6	SW	3	bcjp	65	65	9	8	-	-	4-6	4-6	1500	1	•
Renfrew (Abbotts I.)	1010.7	+6	W	3	b	63	65	9	8	6	3	Tr	Tr	4000	0	•
Eskdalemuir	1010.4	+2	WNW	3	bc	62	55	8	1	-	1	1	2-3	4000	1	
Tiree	1012.9	0	NNW	2	c	57	85	9	7	1	-	2-3	7-8	4000	0	2
Stornoway	1012.3	0	N	2	c	58	75	9	8	6	-	4-6	9+	1500	1	1
Dalwhinnie	1011.5	+8	N	1	bc	55	75	8	4	1	-	2-3	4-6	4000	1	
Aberdeen	1009.5	-6	S'E	2	3o	59	85	6	6	2	-	9	10	1500	1	1
Wick	1010.0	-6	NNE	2	[illegible]	55	95	7	8	2	-	7-8	10	1500	1	2
Lerwick	1012.6	0	-	0	[illegible]	56	95	7	8	2	-	7-8	10	800	1	
Blacksod Point	1017.2	+6	N	3	bc	62	75	9	2	-	-	4-6	4-6	4000	0	3
Malin Head	1014.0	+10	N	3	bc	58	95	9	2	-	3	2-3	2-3	1500	0	1
Aldergrove	1013.4	+4	NWN	3	c	61	65	9	8	-	-	7-8	7-8	2500	1	
Donaghadee	1013.4	+2	NNW	2	c	60	75	8	7	3	2	4-6	7-8	2500	0	1
Birr Castle	1014.7	+8	N	2	c	64	55	8	8	-	-	9+	9+	2500	0	•
Valentia Obsy.	1018.1	+6	NNW	5	bc	62	65	9	8	3	-	4-6	4-6	2500	0	2
Roches Point	1014.5	+6	N	3	bc	65	55	8	3	-	-	4-6	4-6	2500	0	3

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 22nd (37)	13h.–18h. 22nd (38)	18h. 22nd to 1h. 23rd (39)	1h.–7h. 23rd (40)
London (Kew)	cbcy	bcycy	coRtlc	c
Croydon	o3obcy	bccy	TLRq Rcmo	crRrmo
S. Farnborough	bczoy	bcyTLRc	crorrc	cirbc
Boscombe Down	fbcmy	bcctom	ozRc	o
Calshot, S'thmtn	bczobc	bcyc	cbcg	c
Dungeness	bc	o		bc
Lympne	bcm[illegible]	bcctlR	cpro bcmo	bccmo
Shoeburyness	c,b,c	cbc	bc	cmo
Felixstowe	cmo bc[illegible]	bcb	b,cbc	bcc
Gorleston	co	bcq	c	c
Cranwell	[illegible] bc	bcc	cbcc	cmobc
Birmingham	cbc	bbc	cbc	bc
Upper Heyford	cmo	c3o[illegible]	c	c
Ross-on-Wye	c3	[illegible]	c	cbc
Portland Bill	cbc tmo	bc	bcc	c
Plymouth	bbc	rrtc	cbc	b
The Lizard	[illegible]	bctc	cbcb	bbc
Scilly (St. Mary's)	cbcc	c	cbcbw	bbccw
Guernsey	b	bc	bcbw	bwbc
Pembroke	[illegible]	cbc	bcc	bc
Holyhead	[illegible]	cbcv	bcvo	bcwc
Chester (Sealand)	cpro	proc	bcbw	bwbcpb
L'pool (Bidston)	[illegible]	crobcv	bv	bcv
Manchester	bcyc	c3oc	cbc	bwmo
Harrogate	bc	bccro	c	cb
Spurn Head	bc	c	co	oc
Catterick	bcc	c	cbc	bcb
Tynemouth	bcc	cpoo	obc	bc
Inchkeith	rrcfc	cbc	cbc	c
Leuchars	orrrro	cmobcy	bcb,c	cbcwv
Renfrew (Abbotts I.)	cbcvy	ybcv	bc	bc
Eskdalemuir	crr[illegible]	ccd,by	b	bbc
Tiree	bc	bc	cpro	cpro
Stornoway	c	c	cpr	crr
Dalwhinnie	ir	ir		ir
Aberdeen	orrcir	corocm	cmo	cbc
Wick	crr	rrrr	crrc	c
Lerwick	cir[illegible]	[illegible]	[illegible]	c
Blacksod Point	bc	bc	bc	cbc
Malin Head	cbc	bc	c	cpr
Aldergrove	bc	bcc	bcb	b,cro
Donaghadee	c	c	bcc	cprc
Birr Castle	cy	cy	cbc	bc
Valentia Obsy.	c	cbcv	bcvbcw	bcwbc
Roches Point	cbc	bcy	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/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_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.

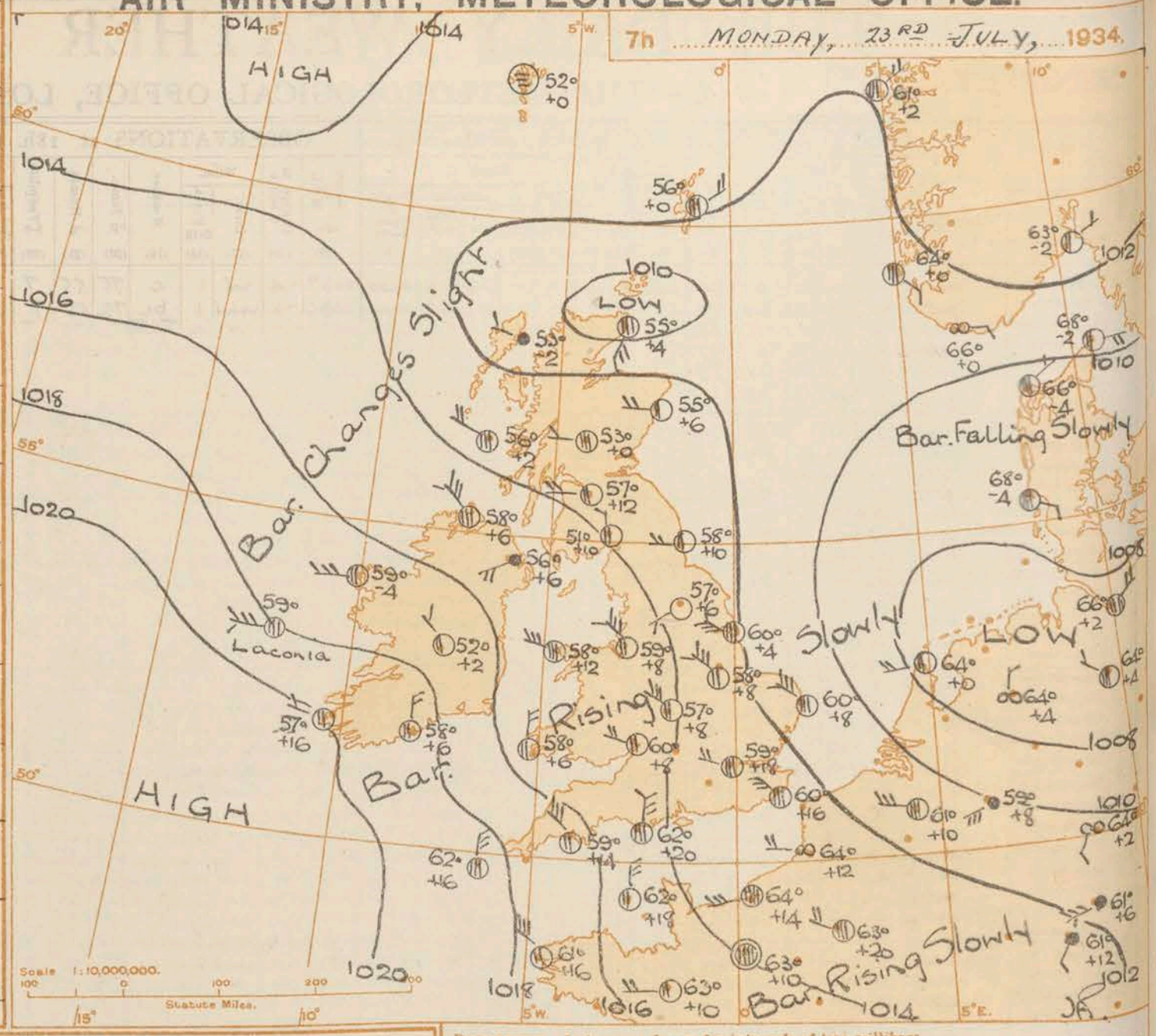
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Sunday, 22nd July 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.	bbcb	cot	53	79	-	-	6·7	2·6
	Bournemouth	b	bbc	54	82	-	-	10·4	9·9
	Ventnor ...	b3	bbc	60	76	-	-	11·7	10·0
	Southsea ...	b	b	59	81	-	-	11·4	8·0
	Bognor Regis	bcb	bbc	58	74	-	-	9·2	9·4
	Littlehampton	bc	bc	57	76	-	-	8·5	8·0
	Worthing ...	b	bc	58	74	-	-	8·3	7·9
	Brighton ...	b	b	58	75	-	-	8·4	8·4
	Eastbourne†	c	cbcby	58	74	Trace	-	5·6	10·3
	Hastings† ...	bcb	bcotlr	58	75	-	5	5·4	6·0
	Folkestone ...	b	bbctc	59	73	-	-	7·9	3·4
	Dover... ...	bbc	bc	61	70	-	-	8·2	2·7
	Deal	bcb	bbcc	60	74	-	-	7·5	6·3
	Ramsgate ...	b	bbc	61	73	-	-	9·7	5·4
	Margate ...	bc	bc	61	73	-	-	10·6	4·7
2	Southend ...	bbc	cbc	57	81	-	-	8·2	3·5
	Maldon ...	b	bbc	56	79	-	-	8·7	2·6
	Clacton-on-Sea	ocbc	bc	56	76	-	-	7·8	4·3
	Dovercourt ...	bcc	bc	54	78	-	-	7·8	3·7
	Lowestoft ...	cobc	b	60	72	-	-	4·9	6·9
	Skegness ...	bc	bc	56	67	-	-	9·7	8·2
	Mablethorpe	bc	bc	60	66	-	-	9·8	8·4
	Cleethorpes ...	b	bc	58	68	-	-	9·6	10·5
3	Leamington S.	c	c	56	77	-	-	4·2	3·1
4	Cheltenham†	omc	c3o	58	74	3	-	3·0	1·9
5	Bath	b	bbc	57	79	-	-	8·4	1·7
	Weymouth ...	by	b	55	77	-	-	12·0	8·7
	Jersey ...	b	bcb	62	73	Trace	-	12·0	11·8
	Torquay ...	wb	btlrp	55	70	-	-	8·3	9·5
	Penzance ...	b	bcc	57	75	-	-	6·8	10·4
	St. Ives ...	b	c	58	71	-	-	6·4	5·4
	Bude	bc	bc	51	70	-	-	5·5	5·3
	Ilfracombe ...	bbcc	bbcc	59	68	-	-	6·0	3·0
6	Aberystwyth	3c	cbc	61	66	1	-	0·6	4·3
7	Llandudno ...	c	cbc	59	64	0·3	-	1·4	7·8
	Colwyn Bay...	opo	obcb	61	65	0·5	0·3	1·3	7·7
	Rhyl	cpr	prcbc	58	63	-	2	0·6	6·3
8	Wallasey ...	cpoc	cbc	60	68	-	-	0·5	6·4
	Southport‖ ..	o	obcb	56	68	-	-	0·3	8·9
	Blackpool ...	c	c	55	66	-	-	0·5	10·8
	Morecambe ...	c	c	56	65	-	-	0·0	8·1
9	Ilkley... ...	bbc	c	53	72	-	-	3·4	11·0
10	Berwick-on-T.								
11	Dunbar ...	bcro	bc	53	63	5	0·5	1·2	5·3
12	Troon... ...	rcv	cbv	57	63	4	-	6·7	5·7
	Douglas ...	ccdc	cbbc	56	66	0·5	Trace	4·7	8·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. K Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd July, 1934.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light or moderate northwest winds; fair generally; average temperature.
8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate northwest winds; fair at first, chance of thundery showers later; average temperature.
13. A. W Scotld. B. N.W Scotland. 14. Mid-Scotland	Light or moderate wind between northwest and west; fair at first; possibly occasional rain later; rather cool.
15. N.E. Scotland	Light westerly winds; fair generally, apart from chance of thundery showers; rather cool
16. Orkneys and Shetlands.	Light variable winds becoming west; cloudy, with occasional rain; rather cool.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 1 - 7.

GENERAL INFERENCE.

An anticyclone is moving in from the Atlantic, while a depression off North Scotland is filling up. Winds will be between north and west generally, and weather will be fair, except possibly for thundery showers in certain Northern districts.

FURTHER OUTLOOK.

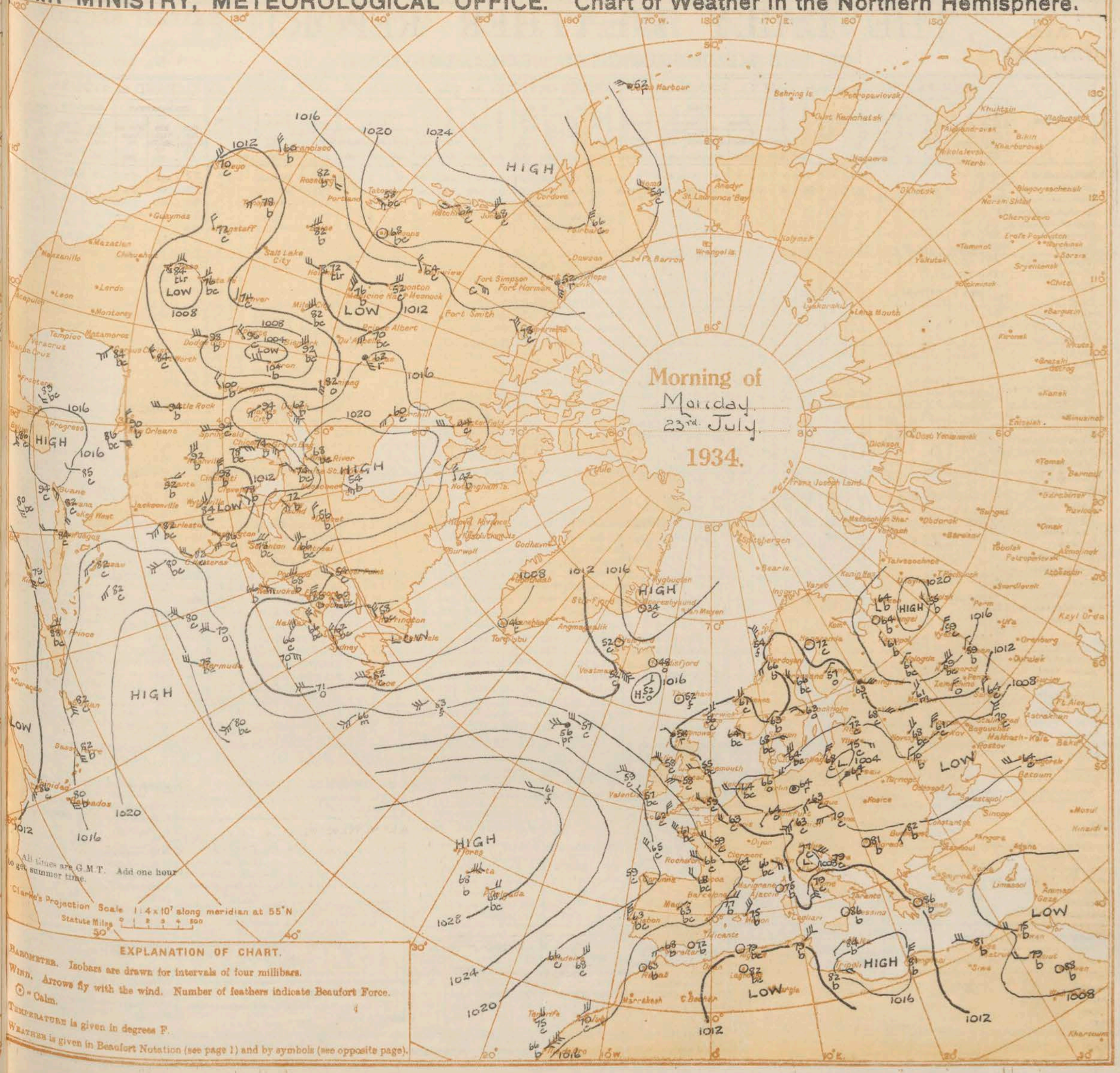
Fair in England, Wales and Ireland.

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.

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



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AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 23rd JULY 1934.

No. 26541

OBSERVATIONS at 1 hr. G.M.T. 23rd July

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)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1011·3	+2	W'N	1	zo	63	95	6	5	-	-	7·8	7·8	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1010·9	-2	SSE	1	bc	62	95	6	7	-	-	2·3	2·3	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1010·5	+4	NWW	2	c	62	85	7	5	-	-	9	9	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1012·0	+10	NNW	2	c	63	95	7	4	-	-	7·8	7·8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*			*
	The Lizard	240	1015·3	0	NW	4	b	57	95	8	7	-	-	1	1	4000
	Scilly (St. Mary's)	163	1016·7	+4	NW	3	b	57	95	8	5	-	-	1	1	4000
	Guernsey	175	1012·5	0	NW	1	fs	62	95	6	-	-	-	0	0	-
6	Pembroke	142	1015·0	+10	N	2	c	59	85	7	5	-	-	7·8	7·8	4000
7	Holyhead	26	1014·7	0	W'N	2	bc	57	85	8	5	-	-	4·6	4·6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010·8	+2	NE	1	c	62	85	8	-	2	-	0	10	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1011·3	0	W	3	bc	58	75	7	4	-	-	4·6	4·6	4000
11	Inchkeith	190	1011·9	+6	W	2	bc	55	85	8	4	-	-	4·6	4·6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1012·8	0	-	0	pr	53	95	6	8	7	-	7·8	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1009·4	-2	WNW	3	c	52	95	7	8	2	-	7·8	10	1500
16	Lerwick	54	1011·5	-4	NE	3	c	55	95	7	5	2	-	4·6	9+	1500
17	Blacksod Point	18	1018·0	0	N	1	b	55	85	8	2	-	-	1	1	4000
18	Malin Head	52	1014·7	-2	W	3	pr	55	95	7	8	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1019·8	+6	NNW	4	b	58	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 23rd July

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)
London (Kew)	1013·7	+10	NNW	2	c	61	65	7	5	7	-	4-6	9	2500	1	*
Croydon	1013·5	+18	WNW	2	c	59	75	6	5	7	-	7-8	10	4000	1	*
S. Farnborough	1013·7	+10	NW	3	c	59	75	7	5	2	3	7-8	9+	5700	1	*
Boscombe Down	1014·3	+14	N'W	3	c	57	85	8	5	-	-	9	9	4000	1	*
Calshot (S'thmtn)	1013·6	+14	NWN	4	c	61	75	7	7	-	-	10	10	4000	0	1
Dungeness	*	*	NNW	2	c	*	*	6	4	-	*	9+	9+	2500	*	1
Lympne	1013·1	+16	N'W	3	c	60	85	7	5	-	-	10	10	4000	1	*
Shoeburyness	1012·6	+8	NW	3	c	62	85	6	5	2	-	4-6	10	4000	0	*
Felixstowe	1011·9	+8	WNW	3	c	61	85	7	5	-	-	9+	9+	5700	0	1
Gorleston	1010·8	+8	NWW	4	c	60	85	7	4	6	-	2-3	7-8	2500	0	2
Cranwell	1013·5	+8	NW	4	c	58	75	7	7	3	4	4-6	7-8	4000	0	*
Birmingham	1014·9	+8	NW	3	bc	57	75	6	1	-	2	2-3	4-6	1500	1	*
Upper Heyford	1014·4	+10	NW	3	c	58	75	8	5	3	2	4-6	9	4000	0	*
Ross-on-Wye	1015·1	+8	WNW	2	bc	60	65	8	4	-	2	Tr	2-3	4000	0	*
Portland Bill	1014·4	+20	N	4	c	62	75	8	4	-	-	9	9	2500	0	3
Plymouth	1016·5	+14	NNW	3	bc	59	85	8	2	-	4	Tr	2-3	2500	0	1
The Lizard	1016·6	+12	NNW	4	bc	61	95	8	7	-	9	2-3	4-6	4000	0	2
Scilly (St. Mary's)	1018·3	+16	N	3	c	62	85	8	2	6	9	2-3	7-8	4000	0	2
Guernsey	1014·7	+18	N	3	bc	62	75	7	5	-	-	4-6	4-6	4000	0	2
Pembroke	1015·2	+6	N	2	bc	58	75	7	7	5	-	2-3	4-6	5700	0	1
Holyhead	1015·6	+12	WNW	3	c	58	85	8	5	4	6	2-3	7-8	4000	0	1
Chester (Sealand)	1015·1	+8	NW	4	bc	59	75	7	7	-	1	4-6	4-6	2500	0	*
L'pool (Bidston)	1015·2	+6	WNW	4	bc	57	75	9	1	-	8	4-6	4-6	2500	0	*
Manchester	1014·1	+6	NWN	3	zo	54	95	6	2	3//	1	2-3	2-3	2500	0	*
Harrogate	1012·9	+6	SW	1	b	57	75	9	-	5	5	0	1	-	0	*
Spurn Head	1012·1	+4	NWN	4	c	60	85	6	5	2	-	7-8	9+	2500	0	3
Catterick	1013·1	+10	WNW	3	bc	56	75	8	-	8	6	0	4-6	-	0	*
Tynemouth	1012·3	+10	W	2	bc	55	85	6	2	4	1	2-3	4-6	2500	0	1
Inchkeith	1013·0	+10	SW	1	bc	~~(57)~~ 52	85	8	4	-	9	4-6	4-6	2500	0	1
Leuchars	1012·6	+2	WNW	3	c	55	75	9	5	8	6	4-6	7-8	7200	1	*
Renfrew (Abbotts I.)	1013·4	+12	W	2	bc	57	75	8	8	3	1	2-3	4-6	2500	0	*
Eskdalemuir	1013·7	+10	N	1	c	51	85	8	2	7	1	1	7-8	2500	1	
Tiree	1013·4	+2	NWW	2	c	56	85	8	5	6	-	4-6	7-8	2500	1	2
Stornoway	1011·9	-2	NW	1	GG	53	95	6	5	2	-	9	10	800	1	1
Dalwhinnie	1012·7	0	W	1	c	53	75	8	4	1	-	4-6	7-8	2500	0	*
Aberdeen	1012·1	+6	W	2	bc	55	75	8	5	-	1	4-6	4-6	5700	1	1
Wick	1009·7	+4	SSW	3	c	55	85	8	8	7	1	4-6	7-8	2500	1	2
Lerwick	1011·4	0	NE	2	c	56	95	7	8	7	-	4-6	7-8	800	1	
Blacksod Point	1016·2	-4	W	3	c	59	85	8	4	-	-	7-8	7-8	2500	0	2
Malin Head	1014·5	+6	NW	4	c	58	95	9	8	8	2	4-6	9	800	1	1
Aldergrove	1015·6	+6	W'S	2	if	56	85	8	5	-	-	9+	9+	1500	1	*
Donaghadee	1014·8	+2	NW	3	c	56	85	8	8	3	-	4-6	7-8	2500	1	2
Birr Castle	1017·7	+2	NW	1	bc	52	95	8	-	-	1	0	2-3	-	0	*
Valentia Obsy.†	1020·0	+4	NW	1	bc	57	85	9	8	3	-	2-3	4-6	2500	0	2
Roches Point	1018·4	+6	N	2	bc	56	85	8	5	-	-	4-6	4-6	2500	0	2

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 22nd Hrs. (36)
London (Kew)	77	60	57	-	20	6·5
Croydon	79	59	59	-	20	8·5
S. Farnborough	80	57	55	Tr	7	6·7
Boscombe Down	78	55	54	-	15	7·1
Calshot (S'thmtn)	79	60	59	-	-	8·1
Dungeness	73	60	*	-	-	*
Lympne	75	59	57	0·6	Tr	7·7
Shoeburyness	79	58	52	-	-	8·0
Felixstowe	76	56	54	-	-	9·4
Gorleston	71	57	57	-	-	6·0
Cranwell	76	55	54	-	-	8·4
Birmingham	76	53	49	-	-	5·4
Upper Heyford	76	56	55	-	-	*
Ross-on-Wye	76	55	49	0·1	-	2·2
Portland Bill	69	59	*	-	-	*
Plymouth	71	56	54	1	-	8·5
The Lizard	74	53	*	-	-	*
Scilly (St. Mary's)	69	57	*	-	-	3·7
Guernsey	73	59	57	-	-	13·8
Pembroke	69	53	*	-	-	4·5
Holyhead	63	56	51	0·2	-	6·6
Chester (Sealand)	70	49	37	Tr	Tr	1·9
L'pool (Bidston)	68	55	53	~~Tr~~ 0·2	-	3·0
Manchester	75	42	36	-	-	6·0
Harrogate	71	49	44	Tr	-	3·4
Spurn Head	69	58	*	-	-	10·1
Catterick	70	50	42	-	-	2·6
Tynemouth	62	51	49	Tr	-	*
Inchkeith	66	~~(52)~~ 51	49	9	-	4·3
Leuchars	68	48	39	7	-	4·0
Renfrew (Abbotts I.)	67	49	44	-	-	9·5
Eskdalemuir	66	40	34	5	-	5·5
Tiree	60	52	43	-	0·4	10·1
Stornoway	59	52	*	-	11	3·2
Dalwhinnie	58	42	37	9	1	1·1
Aberdeen	60	50	48	5	-	0·1
Wick	55	48	*	3	3	*
Lerwick	60	53	*	3	1	0·0
Blacksod Point	63	54	*	-	-	*
Malin Head	62	54	*	-	1	11·1
Aldergrove	66	51	43	-	Tr	9·1
Donaghadee	62	50	*	-	0·2	*
Birr Castle	69	45	34	-	-	4·2
Valentia Obsy.†	67	53	48	-	Tr	6·8
Roches Point	69	55	*	-	-	*

LONDON OBSERVATIONS.

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cbbcy	bcycy	rORilc	77	60	57	-	20	6·5	*	*	7
Croydon	217	bzbcy	bccy	TLRqRfcm	79	59	59	-	20	8·5	*	*	7
Greenwich (Royal Observatory)	149	bczy	czy	ctLcd.	80	59	56	-	Tr.	5·8	50	61	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	5·2	*	*	*
Westminster (St. James' Park)	27	*	*	*	80	59	55	0·6		5·1	55	57	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	81	59	58	-	-	4·8	55	61	*
Camden Square	110	bbc	c	*	79	60	58	-	-	*	*	58	*
Kensington	80	bc	bc	*	80	58	56	-	1	6·0	At 18h. 53	60	*
Hampstead Observatory	450	bc	bcctl	c	78	55	55	-	-	6·0	*	73	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 23rd

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

Kew Observatory Max.	Time.	Min.	Time.
0·2	7h 23rd	<0·1	17h 22nd

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 22nd July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 23rd July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1008·7	WNW	3	GG	68	1013·0	WNW	2	c	63	81		5	
Brussels	?	NNW	3	c	70	1010·2	WNW	3	o	61	77	59	0·1	-
Berlin	1007·2	NE	1	pr	73	1006·0	-	0	ifo	64	84	63	0·4	6
Zürich														
Rome	1011·7	SSE	6	bc	77	1011·9	5	5	c	79	,	-	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

Objects not visible at

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

COLUMN 30.—Code for State of Sea.

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

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

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

† 1 hr. observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 24th July 1934.

No. 26542.

OBSERVATIONS at 13h. G.M.T. 23rd July

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)	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)	1014.4	0	NNW	3	bc	69	45	8	7	-	-	4-6	4-6	4000
	Croydon	1014.3	+2	WNW	3	bc	69	45	8	7	-	-	4-6	4-6	5700
	S. Farnborough	1014.7	+6	NW	3	bc	72	45	8	1	-	-	4-6	4-6	4000
	Boscombe Down	1015.3	+6	WNW	3	c	68	55	8	5	-	-	7-8	7-8	2500
	Calshot, S'thmtn	1015.4	+6	NW'N	4	c	71	55	8	7	-	-	7-8	7-8	4000
	Dungeness	*	*	NW	1	c	*	*	5	5	-	*	9+	9+	2500
	Lympne	1014.4	+4	NW'N	2	c	67	55	7	5	7	-	7-8	9+	4000
2	Shoeburyness	1013.3	0	NW	4	bc	73	55	8	7	-	-	4-6	4-6	4000
	Felixstowe	1012.8	0	WNW	3	c	72	45	8	7	4	9	4-6	7-8	4000
	Gorleston	1012.2	+4	WNW	3	c	67	75	6	7	-	-	9	9	2500
	Cranwell	1013.4	-2	NW'W	13	c	68	45	8	8	3	-	4-6	7-8	4000
3	Birmingham	1014.7	0	NW	3	bc	69	45	8	1	-	-	4-6	4-6	4000
	Upper Heyford	1014.8	-2	WNW	4	bc	69	55	8	1	-	1	4-6	4-6	4000
4	Ross-on-Wye	1015.0	+4	NW'W	3	c	70	45	9	7	-	-	9	9	4000
5	Portland Bill	1016.4	+6	WNW	4	c	67	75	8	4	-	-	7-8	7-8	2500
	Plymouth	1017.7	+6	NW'N	5	bc	67	65	8	1	-	5	4-6	4-6	4000
	The Lizard	1019.1	+6	WNW	4	bc	67	55	8	1	7	-	2-3	4-6	4000
	Scilly (St. Mary's)	1020.5	+8	NNW	3	bc	67	75	3	1	-	3	2-3	4-6	4000
	Guernsey	1017.8	+8	NW'N	3	bc	68	55	8	-	7	-	0	4-6	-
6	Pembroke	1017.4	+4	WNW	1	bc	62	75	9	7	6	-	2-3	4-6	7200
7	Holyhead	1016.0	+2	W	4	bc	64	65	8	7	3	-	2-3	4-6	2500
	Chester (Sealand)	1015.9	+2	NW'N	5	bc	64	65	9	2	-	1	2-3	4-6	4000
8	L'pool (Bidston)	1016.4	+8	WNW	4	bc	61	65	8	2	-	2	2-3	4-6	4000
	Manchester	1015.0	+2	NW	4	c	64	55	8	2	-	1	7-8	7-8	4000
9	Harrogate	1013.5	0	WNW	3	c	64	55	9	8	-	-	9+	9+	4000
10	Spurn Head	1012.8	0	NE	3	bc	66	95	7	-	7	-	0	4-6	-
	Catterick	1013.0	-4	NNW	3	c	65	45	8	7	-	-	9+	9+	4000
	Tynemouth	1013.1	-2	N	1	bc	61	75	7	9	-	-	4-6	4-6	1500
11	Inchkeith	1012.6	-2	W	3	c	60	75	8	8	7	8	4-6	9+	2500
	Leuchars	1012.1	-6	WNW	3	c/pr	61	65	8	8	7	-	4-6	9+	2500
12	Renfrew (Abbotsinch)	1013.0	-2	W'N	3	ir_o	60	75	8	8	2	-	4-6	10	2500
	Eskdalemuir	1013.0	0	W'N	2	pr	60	65	8	8	-	8	7-8	9+	2500
13A	Tiree	1013.8	+2	NW'W	3	c	60	85	8	5	7	-	7-8	7-8	2500
13B	Stornoway	1011.8	+2	NNW	4	ir	56	95	7	8	2	-	9	10	1500
15	Dalwhinnie	1012.4	-2	W	1	c	57	65	8	4	1	-	4-6	10	2500
	Aberdeen	1011.6	-2	S'E	2	c	62	55	7	8	7	6	2-3	~~4-6~~ 7-8	4000
	Wick	1010.8	+4	SSW	3	c	57	85	8	8	6	-	7-8	9	2500
16	Lerwick	1010.7	-6	E	2	c	61	85	7	8	7	-	4-6	7-8	1500
17	Blacksod Point	1017.5	0	W	2	c	63	85	9	7	-	-	7-8	7-8	4000
18	Malin Head	1015.0	+2	NW'W	4	c	60	85	8	8	-	-	9+	9+	1500
	Aldergrove	1015.7	+2	NW	3	pr	59	85	8	9	-	-	9+	9+	1500
	Donaghadee	1014.9	+2	N	2	pr	60	85	8	9	-	-	9	9	1500
19	Birr Castle	1018.0	-2	WNW	1	c/d	62	75	8	9	-	-	9+	9+	2500
20	Valentia Obsy.	1019.9	-2	W'S	2	id_o	60	85	8	5	-	-	10	10	800
	Roches Point	1017.8	-2	N	2	c	65	75	8	3	-	-	7-8	7-8	2500

OBSERVATIONS at 18h. G.M.T. 23rd July

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)	1014.8	+4	NW	3	c	70	45	8	5	-	-	9	9	4000	1	*
	Croydon	1014.6	+4	NW'W	3	c	70	45	8	4	-	-	9+	9+	5700	1	*
	S. Farnborough	1014.9	+2	WNW	3	c	70	45	8	4	-	-	9	9	5700	0	*
	Boscombe Down	~~1013.3~~ 1015.3	+2	WNW	3	bc	68	65	8	7	6	1	4-6	4-6	4000	0	*
	Calshot, S'thmtn	1015.7	+2	W'N	3	bc	71	45	8	7	-	-	4-6	4-6	4000	0	1
	Dungeness	*	*	SW	3	c	*	*	7	4	-	*	7-8	7-8	4000	*	2
	Lympne	1014.2	0	NW	3	bc	71	45	7	7	3	1	4-6	4-6	4000	0	*
2	Shoeburyness	1013.9	+2	NNW	3	c	71	45	7	5	-	-	7-8	7-8	5700	0	*
	Felixstowe	1013.8	+6	ENE	3	c	66	75	7	5	-	-	9+	9+	7200	0	1
	Gorleston	1013.4	+6	N	2	bc	66	65	6	7	3	-	2-3	4-6	2500	0	2
	Cranwell	1014.2	+4	NW'W	3	c	67	45	7	8	-	8	4-6	9	4000	0	*
3	Birmingham	1015.4	+2	NW	3	c	65	55	8	8	-	-	9	9	2500	0	*
	Upper Heyford	1015.0	+2	NW	3	c	69	55	9	8	-	-	9	9	4000	0	*
4	Ross-on-Wye	1015.5	+4	WNW	4	bc	67	45	9	2	-	6	1	4-6	4000	0	*
5	Portland Bill	1016.1	-2	NW	4	bc	65	75	8	4	-	-	4-6	4-6	2500	0	3
	Plymouth	1017.9	+2	NW	4	bc	65	65	8	1	-	4	2-3	4-6	4000	0	1
	The Lizard	1019.4	0	WNW	4	bc	64	65	8	8	7	-	2-3	4-6	2500	0	2
	Scilly (St. Mary's)	1020.5	-2	NW	4	c	64	75	8	2	7	3	1	7-8	2500	0	2
	Guernsey	1018.2	0	NW	4	bc	66	65	8	-	7	-	0	4-6	-	0	3
6	Pembroke	1017.1	-4	WNW	3	bc	62	75	8	4	5	1	2-3	4-6	5700	0	1
7	Holyhead	1016.3	0	WSW	3	PR	58	85	7	8	-	-	10	10	4000	1	1
	Chester (Sealand)	1016.0	0	NW	4	c	63	65	9	8	3	9	4-6	7-8	4000	0	*
8	L'pool (Bidston)	1015.9	0	WNW	4	c/pr	61	65	9	8	-	4	9	9	2500	0	
	Manchester	1015.5	+2	NW	4	c	62	65	8	4	7	6	2-3	9+	4000	0	*
9	Harrogate	1014.0	0	SW	3	bc	62	65	9	2	2	9	Tr	2-3	4000	0	*
10	Spurn Head	1013.7	+2	-	0	c	60	95	8	3	7	-	4-6	7-8	4000	0	1
	Catterick	1013.2	-2	WNW	3	c	63	55	9	5	4	4	4-6	7-8	4000	0	*
	Tynemouth	1013.1	+8	NW	1	c/pr	57	95	7	9	-	-	7-8	7-8	1500	1	2
11	Inchkeith	1012.5	-4	WSW	3	ir_o	57	85	8	8	7	-	4-6	9+	2500	1	2
	Leuchars	1012.1	+2	W	1	$r_o r_o$	57	85	8	9	-	3	9	9+	1500	1	*
12	Renfrew (Abbotsinch)	1012.7	-2	W'N	4	cjp	60	65	9	8	6	3	9+	9+	2500	0	*
	Eskdalemuir	1013.0	-2	W	3	pr	57	75	8	8	7	-	7-8	9+	2500	1	*
13A	Tiree	1013.8	0	NW'W	3	bc	60	85	8	5	4	-	2-3	2-3	4000	0	2
13B	Stornoway	1012.5	+2	NNW	3	c	58	85	8	8	6	-	4-6	9	1500	1	1
15	Dalwhinnie	1012.1	0	W	1	c	55	85	8	9	2	-	4-6	10	2500	1	
	Aberdeen	1011.2	-6	S'E	2	bc	59	75	7	8	-	8	2-3	2-3	2500	1	1
	Wick	1011.4	+4	SSE	3	bc	56	85	8	8	7	8	4-6	4-6	2500	0	2
16	Lerwick	1011.4	0	-	0	c	60	95	7	8	-	-	7-8	7-8	1500	0	
17	Blacksod Point	1017.0	0	SW	1	o	59	95	8	5	-	-	10	10	4000	1	1
18	Malin Head	1015.1	0	W	3	d	56	95	6	8	-	-	10	10	800	1	1
	Aldergrove	1015.6	-2	NW	3	c	59	85	8	8	7	-	9	9+	1500	1	
	Donaghadee	1015.1	+4	-	0	c	58	95	8	5	-	-	9	9	1500	1	0
19	Birr Castle	1017.4	-2	W	3	c	64	75	8	8	-	-	9+	9+	2500	1	*
20	Valentia Obsy.	1019.2	-4	W'S	2	id_o	58	95	6	5	-	-	10	10	450	0	2
	Roches Point	1017.5	-4	SW	3	c	62	85	8	3	-	-	7-8	7-8	2500	0	3

PAST 24 HOURS. — WEATHER.

District	Stations	7h.–13h. 23rd (37)	13h.–18h. 23rd (38)	18h. 23rd to 1h. 24th (39)	1h.–7h. 24th (40)
1	London (Kew)	cbc	bcy cy	bcy	bbcw
	Croydon	c$z_o$cb	bccy	cbcz_o	bc
	S. Farnborough	cbbcy	bcy cyv	cyvbcbc	bwbc
	Boscombe Down	cbybcy	cy bc	bcb	bcc
	Calshot, S'thmtn	ccy	by bcy	bc bcw	bcwc
	Dungeness	c	c		bc
	Lympne	ci$r_o m_o$y	cbcy	b	cbcm_o
2	Shoeburyness	cd_odm_o	bcc	bcb	bcbc
	Felixstowe	cr$r_o r_o$bcy	bcyc	bbc	bbc
	Gorleston	c	cbc	bc	bcc
	Cranwell	bcy	cy	bcr_o	cr rc
3	Birmingham	bc	bcc	cbc	bcor_o
	Upper Heyford	cbcy	bccyv	bbcc	c
4	Ross-on-Wye	bbcvy	bcvy	bcvb	bcc
5	Portland Bill	c	cbc	bc	bcc
	Plymouth	cvbbc	bc	bbc	cz_o
	The Lizard	bcy ⊕	bc	bcc	cpr_oc
	Scilly (St. Mary's)	cz_oc	bcc	cd_o	$d_o p_o$d
	Guernsey	bccbc	bc	bcw	bwbcc
6	Pembroke	bcv	bc~~[illegible]~~	bcc	c$m_o$dc
7	Holyhead	cb	cpr_o	PRc	bcr_oc
	Chester (Sealand)	bcv	bccv	cir	cRir_o
8	L'pool (Bidston)	bcv	bcvp_o	vcir_o	circ
	Manchester	bcy	bcyc	c$r_o r_o$	orrm_o
9	Harrogate	bbcc	cb	bcc	cp
10	Spurn Head	bc	bcc	bc	oir
	Catterick	bcvy	pr_o cy	cpr	cir_o
	Tynemouth	bc	bccp_o	c$p_o$bc	bcp_o
11	Inchkeith	bcc	cpr	cpr	c
	Leuchars	bcyvpr_o	cR$r_o r_o$	c$r_o r_o$c	bc wc
12	Renfrew (Abbotsinch)	bccvr_o	cprc	cpr_oc	cbcb
	Eskdalemuir	bccpr_o	cpr_o	cPR	cbc
13A	Tiree	cpr_o	cbc	bcbw	b
13B	Stornoway	cir_oc	circ	cpr_o	c
15	Dalwhinnie	c	ir		c
	Aberdeen	bccy	cycprbc	bcb	bwbcc
	Wick	c	cbc	bcc	cmmbc
16	Lerwick	c	circc	cFFe	cmffidc
17	Blacksod Point	bc	ir_o	ir_o	id_o
18	Malin Head	cpr	c	cpdz	cpr
	Aldergrove	cpr	cpr_o	c	cbcwfg
	Donaghadee	cpr	cpr	cpr_oc	bc
19	Birr Castle	bccd_o	prc	c	cprc
20	Valentia Obsy.	bccid_o	cid_o	oid_oc	idir_o
	Roches Point	bcc	cp_oc	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/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.

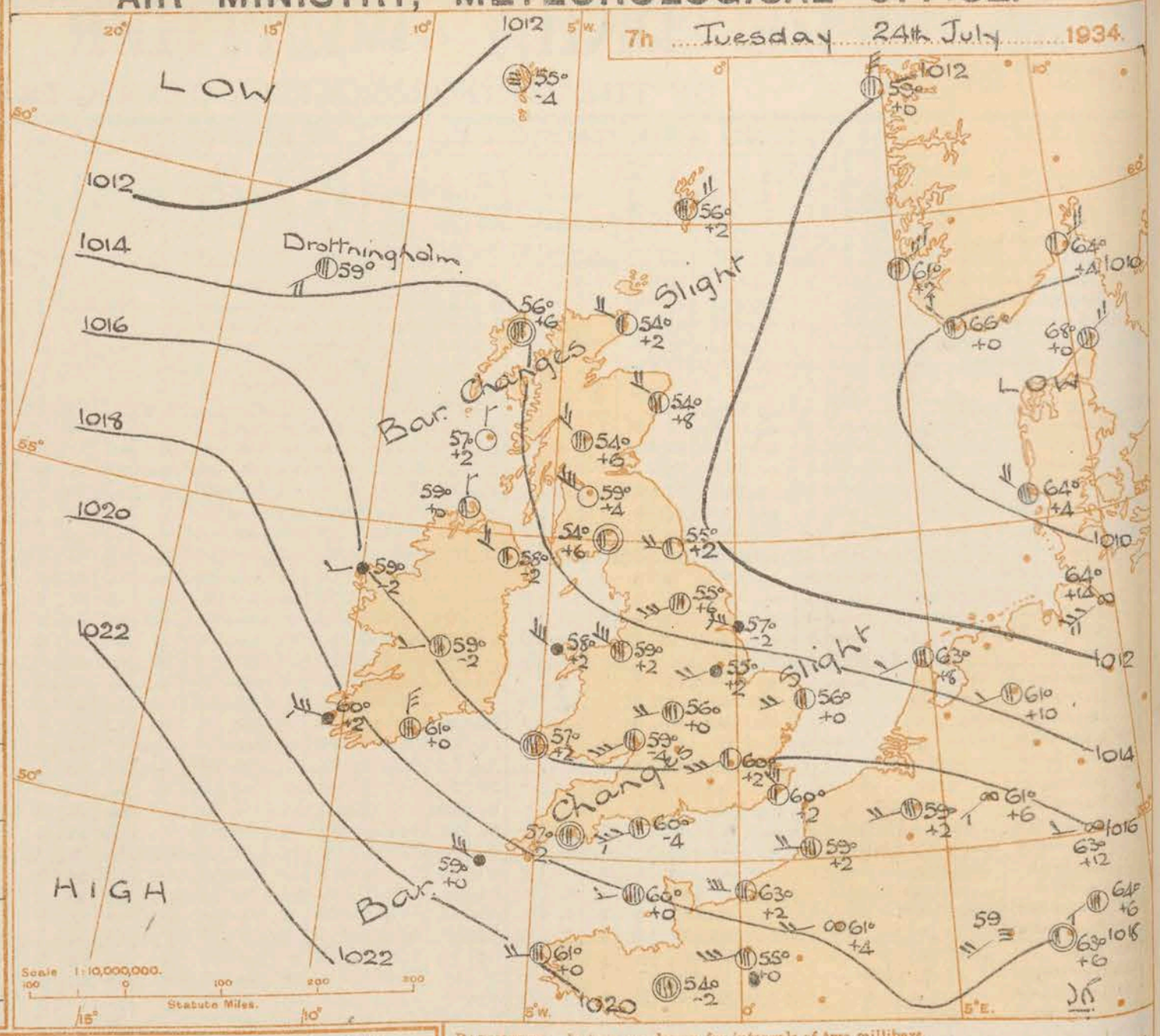
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 23rd July 1934

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 22nd. to 9h. 23rd.	Temperature. Max. 9h.—17h. 23rd.	Rainfall. Night. 17h. 22nd. to 9h. 23rd.	Rainfall. Day. 9h.—17h. 23rd.	Sunshine. Sunrise to 17h. 23rd.	Sunshine. Sunrise to Sunset. 22nd.
1	Tunbridge W.	oc	cbc	56	73	5	-	5·3	6·7
	Bournemouth	ocb	bcb	57	75	-	-	7·5	10·4
	Ventnor ...	ob	b	58	74	-	-	6·9	12·1
	Southsea ...	cb	bbcb	61	73	-	-	6·3	11·6
	Bognor Regis	bc	bc	61	73	-	-	6·0	9·3
	Littlehampton	cbc	bc	61	76	-	-	5·8	8·5
	Worthing ...	ocb	cbbc	61	74	-	-	5·5	8·8
	Brighton ...	b	bc	60	75	-	-	5·3	9·2
	Eastbourne†	oc	cbcb	61	72	-	-	4·3	5·7
	Hastings† ...	cbcc	cbc	59	71	1	-	3·8	6·1
	Folkestone ...	v.oc	cbc	60	72	1	-	3·3	7·9
	Dover... ...	mcc	cbc	62	71	Trace	-	2·1	8·4
	Deal	o p.o	oc	61	71	-	Trace	1·0	7·5
	Ramsgate ...	i d.c	cbc	62	74	-	Trace	3·1	9·7
	Margate ...	cbc	bc	61	72	Trace	-	4·0	11·5
2	Southend ...	cbc	bbc	57	77	1	-	6·1	9·1
	Maldon ...	cb	bbcc	58	74	-	-	5·9	9·4
	Clacton-on-Sea	cbc	bcy	56	75	-	-	4·6	9·3
	Dovercourt ...	bcc	bc	57	75	0·5	-	5·3	9·5
	Lowestoft ...	bcc	cbcb	56	71	-	-	5·8	6·5
	Skegness ...	bc	bcb	56	71	-	-	6·6	10·1
	Mablethorpe	bc	bc	54	69	-	-	7·8	10·4
	Cleethorpes ...	bc	bcc	57	69	-	-	7·8	9·8
3	Leamington S.	bcb	bbc	56	70	-	-	8·5	4·3
4	Cheltenham†	bcb	bbc	55	70	-	-	9·1	3·0
5	Bath	bbc	bbc	58	72	-	-	9·5	9·0
	Weymouth ...	cbycb	b	60	74	-	-	8·2	13·2
	Jersey ...	b	bc	61	72	-	-	8·7	14·8
	Torquay ...	bv	bvy	56	71	1	-	10·8	8·5
	Penzance ...	b	b	58	70	-	-	10·8	6·8
	St. Ives ...	b	b	59	69	-	-	10·8	6·4
	Bude	bc	bcb	60	65	-	-	11·1	5·7
	Ilfracombe ...	bcb	b	60	65	-	-	11·2	6·2
6	Aberystwyth	cbc	bc	48	64	-	-	9·6	1·1
7	Llandudno ...	bcb	bc	56	65	-	-	8·5	4·0
	Colwyn Bay...	bcbc	bcc	56	67	-	-	8·5	4·1
	Rhyl	cbcb	bbc	56	65	-	-	10·0	3·1
8	Wallasey ...	bbcb	bbcc	56	66	-	-	8·8	3·5
	Southport‖ ...	bcb	bcco	55	67	-	-	9·2	3·3
	Blackpool ...	cbc	bcc	56	65	-	-	9·4	3·1
	Morecambe ...	b	bcc	56	65	-	-	8·5	2·5
9	Ilkley... ...	b	b	48	69	-	-	8·6	3·4
10	Berwick-on-T.	c	c.p.o	50	61	-	Trace	4·4	?
11	Dunbar ...	bc	bc	51	65	-	-	5·6	3·8
12	Troon... ...	wbvbc	bccv	55	62	-	-	3·7	9·5
	Douglas ...	cb	cbcir	53	65	-	0·3	3·6	8·0

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



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. Thunder. Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th July, 1934

Districts.	Forecasts
1. S.E. England 2. E. England...	Light or moderate westerly wind; cloudy, some showers, perhaps local thunder; fair later; average or rather low temperature.
3. E. Midlands 4. W. Midlands	Light or moderate westerly wind; cloudy, some rain, perhaps local thunder; fair later; average or rather low temperature.
5. S.W. England	As 1.
6. South Wales	Light or moderate northwest wind; cloudy, slight showers; average temperature.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland	Light northwest wind, backing later; mainly fair but local showers; average temperature.
12. S.W. Scotland & Isle of Man 13. A W Scotld. B N W Scotland. 14. Mid-Scotland 15. N E Scotland 16 Orkneys and Shetlands.	Light northwest wind, backing southwest and freshening later; fair at first apart from scattered showers; some rain later; average temperature.
17 N.W. Ireland	Light moderate northwest to west wind; cloudy, slight rain or showers; average temperature.
18. N.E. Ireland	As 12 - 16.
19. S.E. Ireland 20. S.W. Ireland	As 17

GENERAL INFERENCE.

Pressure is high over the Azores and low off Southwest Iceland. A small disturbance is moving southeast over England. Weather will be rather unsettled.

FURTHER OUTLOOK.

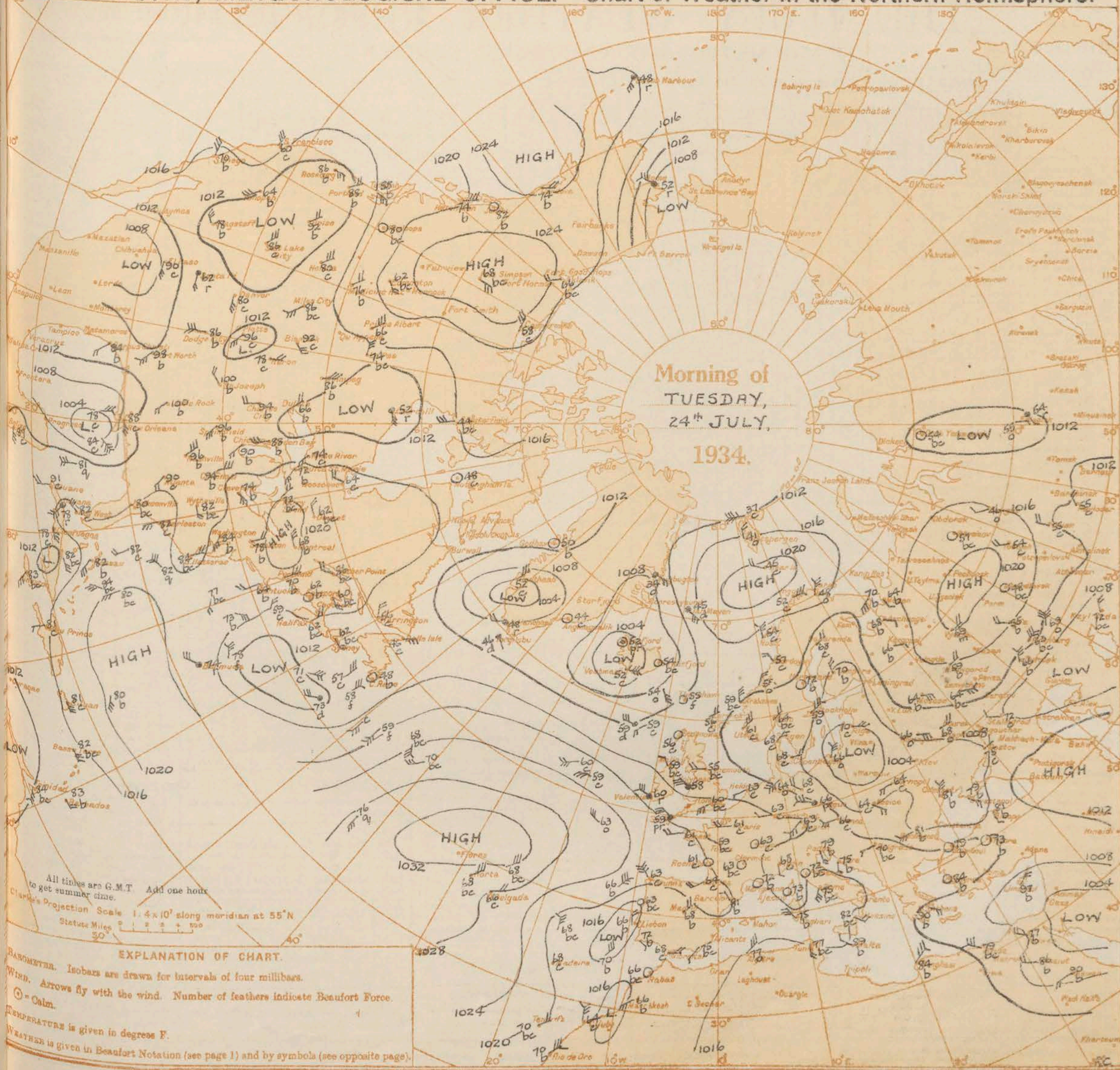
Rather unsettled, especially in the North.

Forecasts issued at 0920 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.



Page 4. AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 24th July 1934.

No. 26542

OBSERVATIONS at 1 hr. G.M.T. 24th July

District	Stations	Height above M.S.L. in feet	(1) Barom. at M.S.L. mb.	(2) Change in 3 hours	(3) Wind Direc.	(4) Wind Force 0-12	(5) Weather	(6) Temp. °F.	(7) Humid. %	(8) Visibility 0-9	(9) Cloud Form Low	(10) Cloud Form Med.	(11) Cloud Form High	(12) Amount Low 0-10	(13) Amount Total 0-10	(14) Height of Base (feet)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1016·5	+6	WNW	2	bc	61	75	7	5	3	-	4-6	4-6	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1016·6	+2	NWN	3	b	57	75	7	1	-	4	Tr.	1	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1014·5	0	WSW	2	bc	59	85	7	4	-	-	2-3	2-3	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	403	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1017·9	+6	NNW	3	bc	60	85	8	4	-	-	2-3	2-3	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1019·5	-2	W	2	c	60	85	8	4	2	-	7-8	9+	2500
	Scilly (St. Mary's)	163	1019·7	-6	WSW	3	cld₀	58	95	8	8	-	-	9+	9+	2500
	Guernsey	175	1019·1	0	NW	1	bc	58	85	8	-	7	-	0	2-3	·
6	Pembroke	142	1016·2	0	W	3	c	60	95	7	5	2	-	4-6	9+	2600
7	Holyhead	26	1015·5	-6	WSW	3	bc	58	85	7	5	-	-	4-6	4-6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1014·0	+2	WNW	4	c	59	95	7	5	2	-	4-6	7-8	4000
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1012·5	0	W	2	bc	57	85	7	2	-	-	4-6	4-6	2500
11	Inchkeith	190	1012·7	+4	W	2	c	55	85	8	5	3	-	4-6	7-8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1013·6	+4	N	1	c	55	95	7	8	6	-	7-8	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012·1	+4	W	1	c	47	95	8	5	1	8	4-6	7-8	2500
16	Lerwick	54	1012·6	0	-	0	F	56	95	1	5	-	-	10	10	<150
17	Blacksod Point	18	1016·2	-4	W	2	c	59	95	8	5	-	-	10	10	4000
18	Malin Head	52	1014·8	-2	W	1	c	56	95	8	8	-	-	9+	9+	800
	Aldergrove	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1018·9	0	W	2	c	59	95	8	9	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 24th July

Stations	(15) Barom. at M.S.L. mb.	(16) Change in 3 hours	(17) Wind Direc.	(18) Wind Force 0-12	(19) Weather	(20) Temp. °F.	(21) Humid. %	(22) Visibility 0-9	(23) Cloud Form Low	(24) Cloud Form Med.	(25) Cloud Form High	(26) Amount Low 0-10	(27) Amount Total 0-10	(28) Height of Base (feet)	(29) State of Ground 0-9	(30) Sea 0-9
London (Kew)	1016·3	0	SW	2	bc	61	75	8	7	8	5	2-3	4-6	4000	1	*
Croydon	1016·5	+2	WS	3	bc	60	75	8	-	5	9	0	4-6	-	1	*
S. Farnborough	1016·1	-4	WS	2	c	62	75	7	-	5	6	0	7-8	-	0	*
Boscombe Down	1016·6	0	SWW	2	c	57	95	7	5	2	-	7-8	9+	4000	0	*
Calshot (S'thmtn)	1017·1	+2	W	2	c	57	85	7	5	4	-	7-8	9	2500	0	1
Dungeness	*	*	NW	2	bc	*	*	6	5	7	*	2-3	4-6	2500	*	1
Lympne	1016·2	+2	NNW	3	bc	60	75	6	5	-	8	4-6	4-6	4000	0	*
Shoeburyness	1016·0	+2	W	2	c	59	85	7	5	7	-	4-6	7-8	7200	0	*
Felixstowe	1015·5	+8	WN	2	bc	60	75	7	8	3	9	2-3	4-6	4000	0	0
Gorleston	1014·5	0	WS	2	c	56	85	6	4	-	-	9	9	2500	0	2
Cranwell	1014·9	+2	WSW	2	rr	55	95	5	6	-	-	10	10	800	1	*
Birmingham	1015·0	0	WSW	2	c	56	95	7	6	7	-	7-8	9+	2500	1	*
Upper Heyford	1015·7	-2	WSW	2	c	57	85	8	5	3	-	7-8	9+	4000	0	*
Ross-on-Wye	1015·4	-4	SWW	3	c	59	85	5	6	7	-	1	9+	7200	0	*
Portland Bill	1017·4	-4	WS	4	c	60	85	8	4	7	-	7-8	10	2500	0	3
Plymouth	1017·6	-2	-	0	c	57	95	6	5	7	-	4-6	10	1500	0	0
The Lizard	1018·1	0	W	4	pG	59	95	7	8	2	-	10	10	1600	1	2
Scilly (St. Mary's)	1018·6	0	NWW	3	pG	59	95	7	8	-	-	9+	9+	2500	1	2
Guernsey	1018·7	0	W	1	c	60	85	7	5	-	-	10	10	4000	0	0
Pembroke	1015·7	+2	-	0	cld	57	95	7	5	-	-	9	9	2500	1	1
Holyhead	1014·9	+2	NWW	3	iG	58	95	7	6	2	-	7-8	10	800	1	1
Chester (Sealand)	1014·8	+2	WN	3	c	59	85	7	9	-	-	9	9	1500	1	*
L'pool (Bidston)	1014·7	0	WNW	4	c	58	85	8	8	-	-	7-8	7-8	4000	1	*
Manchester	1014·4	+4	NWW	1	z₀	57	95	6	5	7	-	7-8	9+	1500	1	*
Harrogate	1013·7	+6	WSW	3	c	55	85	8	8	7	-	7-8	9+	4000	0	*
Spurn Head	1013·6	-2	WNW	4	iG	57	95	5	3	2	-	9+	9+	1500	1	3
Catterick	1013·3	+2	WNW	1	cir	57	85	8	5	-	-	9+	9+	2500	1	*
Tynemouth	1012·8	+2	W	2	bc	55	85	6	2	6	-	4-6	4-6	2500	1	1
Inchkeith	1013·4	+6	W	2	c	54	95	8	8	3	-	7-8	9+	2500	0	1
Leuchars	1013·6	+12	W	1	bc	55	95	8	5	-	3	4-6	4-6	2500	1	*
Renfrew (Abbotts I)	1013·4	+4	NWW	3	bc	59	75	9	7	-	-	2-3	2-3	4000	0	*
Eskdalemuir	1013·3	+6	-	0	bc	54	85	8	8	-	-	4-6	4-6	2500	1	
Tiree	1014·5	+2	N	1	b	57	85	8	1	3	-	Tr.	1	4000	0	1
Stornoway	1014·0	+6	-	0	c	56	85	8	8	6	-	4-6	7-8	2500	1	0
Dalwhinnie	1014·4	+6	NW	2	c	54	85	8	4	2	-	4-6	10	2500	1	*
Aberdeen	1013·1	+8	NWW	2	c	54	95	7	-	7	6	0	7-8	-	1	1
Wick	1013·4	+4	WNW	2	bc	54	95	8	7	1	-	4-6	4-6	1600	0	1
Lerwick	1013·0	+2	NE	2	c	56	95	6	5	2	-	7-8	9+	220	1	*
Blacksod Point	1016·0	-2	W	1	id₀	59	95	7	6	-	-	10	10	450	1	1
Malin Head	1015·0	0	NW	1	bc	59	95	7	2	8	5	1	2-3	1500	1	0
Aldergrove	1015·2	+2	NWW	2	bc	58	85	8	5	4	1	1	2-3	1500	1	*
Donaghadee	1015·3	0	NW	1	bc	58	85	8	8	-	-	4-6	4-6	1500	0	0
Birr Castle	1015·9	-2	W	1	c	59	95	8	8	-	-	9+	9+	2500	1	*
Valentia Obsy.†	1018·7	+2	WNW	4	iG	60	95	6	5	-	-	10	10	450	1	3
Roches Point	1017·2	0	N	3	c	61	95	8	3	-	-	7-8	7-8	2500	0	2

PAST 24 HOURS.

Stations	(31) Temperature Max. Day 7h-18h °F.	(32) Min. Night 18h-7h °F.	(33) Min. on Grass °F.	(34) Rainfall Day 7h-18h mm.	(35) Rainfall Night 18h-7h mm.	(36) Sunshine 23rd Hrs.
London (Kew)	73	56	50	-	-	7·6
Croydon	73	56	52	-	-	7·4
S. Farnborough	75	51	42	-	-	7·5
Boscombe Down	71	50	46	-	-	9·9
Calshot (S'thmtn)	73	52	49	-	-	9·3
Dungeness	70	51	*	-	-	*
Lympne	73	57	50	Tr	-	4·3
Shoeburyness	75	54	44	0·3	-	5·7
Felixstowe	74	54	48	1	-	5·1
Gorleston	71	54	54	-	-	7·8
Cranwell	71	54	50	-	12	8·6
Birmingham	70	54	52	-	2	8·2
Upper Heyford	73	51	43	-	-	*
Ross-on-Wye	72	55	47	-	-	11·5
Portland Bill	67	59	*	-	-	*
Plymouth	68	54	52	-	-	13·8
The Lizard	67	58	*	-	1	*
Scilly (St. Mary's)	68	58	*	-	1	12·6
Guernsey	70	56	52	-	-	12·9
Pembroke	64	56	*	~~Tr~~	0·2	13·4
Holyhead	65	56	53	0·6	1	8·0
Chester (Sealand)	67	55	51	-	1	11·4
L'pool (Bidston)	65	55	53	Tr	1	9·0
Manchester	68	55	50	-	4	10·6
Harrogate	67	54	52	-	0·2	8·2
Spurn Head	68	56	*	-	0·4	8·4
Catterick	67	53	48	~~Tr~~ 0·1	1	6·0
Tynemouth	62	54	52	~~0·2~~	0·3	*
Inchkeith	65	53	50	0·3	0·2	4·4
Leuchars	66	49	41	9	1	5·9
Renfrew (Abbotts I)	62	50	48	0·2	0·2	3·6
Eskdalemuir	62	51	49	0·1	2	2·8
Tiree	61	54	44	1	-	4·3
Stornoway	58	52	*	2	0·2	0·1
Dalwhinnie	58	48	41	1	-	2·2
Aberdeen	64	47	42	1	Tr	5·7
Wick	60	45	*	-	-	*
Lerwick	62	54	*	-	0·1	6·1
Blacksod Point	63	57	*	Tr	0·2	*
Malin Head	61	53	*	2	1	2·4
Aldergrove	65	51	43	1	-	3·1
Donaghadee	63	52	*	3	2	*
Birr Castle	64	57	55	0·3	1	1·1
Valentia Obsy.†	63	58	58	Tr	1	0·7
Roches Point	66	56	*	Tr	-	*

LONDON OBSERVATIONS.

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cbc	bcycy	bcybcw	73	56	50	-	-	7·7	*	*	8
Croydon	217	cz₀ cb	bccy	cbcz₀bc	73	56	52	-	-	7·4	*	*	8
Greenwich (Royal Observatory)	149	cby	bcy	cbc m₀	77	56	47	-	-	6·9	38	59	6
City (Bunhill Row)	—			*	*	*	*	*	*	7·6	*	*	*
Westminster (St. James' Park)	27	*	*	*	76	56	51	–		7·5	56	73	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	76	57	50	-	-	7·1	49	69	*
Camden Square	110	cbcb	bc	*	75	57	51	-	-	*	*	62	*
Kensington	80	cbc	bc	*	75	56	48	-	-	7·6	At 18h. 43	63	*
Hampstead Observatory	450	c	bc	bc	75	53	50	-	-	7·1	*	79	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
Defective.			

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	5h 24m	<0·1	6h 24m

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 23rd July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 24th July 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	1015·0	NW	2	tlG	64	1017·4	W	2	z₀	61	79	55	1	-
Brussels	1013·2	NNW	3	bc	68	1015·2	WSW	2	c	59	75	54	-	-
Berlin	1006·5	N	2	iG	68	1010·5	NWW	2	bc	68	72	63	Tr	9
Zürich	1016·4	SSW	3	c	64	1017·9	WNW	1	iG	61	66	59	2	2
Rome	1009·4	SSW	3	bc	79	1016·9	SSW	3	bc	75	*	*	-	-

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.

†1hr. observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 Hours ending 9h

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 25th July 1934.

No. 26543

OBSERVATIONS at 13h. G.M.T. 24th July

Division	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High (11)	Cloud. Amount. Low 0-10 (12)	Cloud. Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1015·9	+4	NNE	3	TLR	56	95	6	9	–	–	10	10	1500
	Croydon	1015·4	-6	WSW	4	tlr₀q	65	65	7	9	7	–	7·8	9+	2500
	S. Farnborough	1015·0	-10	WSW	4	t	69	65	8	8	7	–	7·8	7·8	2500
	Boscombe Down	1015·8	-6	W	4	c/pr	62	85	7	5	2	–	9	9+	2500
	Calshot, S'thmtn	1016·1	-10	SW'S	5	c	69	65	8	8	6	–	7·8	9	2500
	Dungeness	*	*	SW	3	PR	*	*	5	8	–	*	9+	9+	1500
	Lympne	1016·2	+2	W	3	c/tlr₀	60	95	8	8	2	–	7·8	9	4000
2	Shoeburyness	1015·3	-4	SSE	1	tlr	62	85	8	3	6	3	7·8	9+	4000
	Felixstowe	1014·8	-2	WSW	2	cjp	65	65	7	9	8	8	4·6	7·8	2500
	Gorleston	1014·3	-4	W	2	c	58	95	6	8	–	–	9	9	1500
	Cranwell	1014·2	-2	N'E	1	c	61	75	7	9	7	–	7·8	9+	1500
3	Birmingham	1014·9	+2	NW	2	c/pr	62	75	8	9	7	–	4·6	7·8	2500
	Upper Heyford	1014·9	0	N	2	ir₀	64	75	8	9	7	–	7·8	9+	1500
4	Ross-on-Wye	1014·4	-8	WNW	3	c	70	45	9	8	–	–	9	9	4000
5	Portland Bill	1016·4	-10	W	3	o	61	85	7	5	–	–	10	10	1500
	Plymouth	1017·1	0	WNW	4	c/pr	67	75	8	8	3	–	9	9+	2500
	The Lizard	1018·5	+6	WNW	4	c	65	85	8	8	3	–	4·6	9+	2500
	Scilly (St. Mary's)	1019·9	+6	NW'W	4	c	66	85	8	4	7	–	4·6	9+	2500
	Guernsey	1018·3	-4	WNW	4	c	65	85	8	8	–	–	9+	9+	2500
6	Pembroke	1016·0	+2	WNW	3	c	63	85	7	5	2	–	7·8	9+	2500
7	Holyhead	1015·6	+4	NW'W	2	bc	62	85	8	2	3	8	1	4·6	4000
	Chester (Sealand)	1015·4	+2	NW	4	bc	65	65	9	2	–	–	2·3	2·3	2500
8	L'pool (Bidston)	1015·8	+2	NW	3	bc	62	75	9	2	–	–	4·6	4·6	2500
	Manchester	1014·3	-2	NW'W	4	bc	64	65	8	2	3	–	4·6	4·6	2500
9	Harrogate	1013·7	0	WNW	1	bc	63	75	7	3	–	–	4·6	4·6	2500
10	Spurn Head	1014·0	+2	–	0	bc	62	95	7	3	7	1	2·3	4·6	4000
	Catterick	1013·5	0	NE	2	c	63	65	6	8	–	–	7·8	7·8	4000
	Tynemouth	1013·9	+6	N	3	bc	60	85	8	7	–	–	2·3	2·3	4000
11	Inchkeith	1014·0	+2	SE	1	bc	61	85	8	2	–	–	2·3	2·3	4000
	Leuchars	1014·0	-2	ESE	3	bc	66	55	8	7	–	–	2·3	2·3	4000
12	Renfrew (Abbotsinch)	1013·6	-2	W	1	bc	68	55	8	7	–	1	4·6	4·6	5700
	Eskdalemuir	1014·1	+8	–	0	c	61	65	8	8	–	–	9+	9+	2500
13A	Tiree	1014·8	0	SW	3	bc	61	75	8	7	6	–	2·3	4·6	4000
13B	Stornoway	1013·6	-4	S	3	c	59	75	9	8	6	2	2·3	7·8	2500
15	Dalwhinnie	1013·6	-4	W	1	bc	65	55	8	4	1	–	2·3	4·6	4000
	Aberdeen	1013·7	0	WNW	1	bc	68	55	8	1	7	–	4·6	4·6	2500
	Wick	1013·9	+4	SSW	2	c	57	85	8	8	4	8	4·6	7·8	1500
16	Lerwick	1013·1	-6	NE	1	c	58	95	7	5	2	–	7·8	9+	800
17	Blacksod Point	1016·4	+2	W	2	rr	61	95	7	6	–	–	10	10	800
18	Malin Head	1015·0	+2	SW	1	c	62	85	9	2	–	7	Tr	9+	1500
	Aldergrove	1015·6	+4	WNW	2	c	67	65	9	7	4	6	4·6	7·8	2500
	Donaghadee	1015·3	-2	NE	1	bc	61	75	8	8	3	–	4·6	4·6	1500
19	Birr Castle	1016·8	+6	NW	1	c	66	75	8	5	–	–	9+	9+	2500
20	Valentia Obsy.	1019·6	+4	W'N	3	r₀r₀	61	95	5	5	–	–	10	10	220
	Roches Point	1018·1	+8	NW	3	c	62	85	8	9	–	–	9+	9+	1500

OBSERVATIONS at 18h. G.M.T. 24th July

Division	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)	1015·6	-4	SW'S	3	pr	61	85	7	9	9	3	7·8	9	2500	1	*
	Croydon	1016·1	+4	SW'S	3	r₀r₀	59	85	8	5	7	–	2·3	9+	4000	1	*
	S. Farnborough	1015·8	0	SE	1	c	60	85	7	5	–	–	7·8	7·8	2500	1	*
	Boscombe Down	1015·7	+4	–	0	ir₀	59	95	6	8	–	–	9	9	450	1	
	Calshot, S'thmtn	1015·7	-4	SSW	4	r₀r₀	61	95	7	5	–	–	10	10	2500	1	2
	Dungeness	*	*	SW	4	c/r	*	*	6	8	3	*	4·6	9	1500	*	2
	Lympne	1016·2	0	WSW	3	c	56	95	8	5	3	–	4·6	7·8	4000	1	*
2	Shoeburyness	1014·9	-4	WSW	3	c	60	85	7	8	7	3	4·6	9	5700	1	*
	Felixstowe	1014·4	0	N'W	2	t	62	75	7	9	–	–	9+	9+	2500	1	0
	Gorleston	1014·2	0	ESE	2	bc	62	75	7	8	–	3	4·6	4·6	1500	1	2
	Cranwell	1014·8	+4	NW'W	2	c	63	65	7	8	–	–	9+	9+	2500	1	*
3	Birmingham	1014·8	+2	NNW	3	bc	67	45	8	2	–	–	2·3	2·3	4000	0	*
	Upper Heyford	1014·8	-2	W'S	2	ir₀	63	85	8	3	7	–	7·8	9	1500	1	*
4	Ross-on-Wye	1014·7	-4	NNE	3	c	68	65	9	9	–	1	4·6	7·8	4000	0	*
5	Portland Bill	1015·6	-10	W	4	bc	63	85	8	5	–	–	4·6	4·6	2500	1	3
	Plymouth	1017·3	+2	NW'W	4	c	67	75	8	8	3	6	4·6	7·8	2500	0	2
	The Lizard	1018·1	-2	WNW	4	id	61	95	7	5	–	–	10	10	1500	0	2
	Scilly (St. Mary's)	1019·5	-2	NNW	4	c	62	95	7	5	–	–	9+	9+	1500	0	2
	Guernsey	1018·0	0	W	4	bc	66	85	8	5	7	–	4·6	4·6	4000	0	2
6	Pembroke	1016·0	0	WNW	1	c	63	95	7	5	7	9	1	9+	5700	0	2
7	Holyhead	1015·8	-2	WNW	2	bc	63	65	8	1	5	1	Tr	4·6	4000	1	1
	Chester (Sealand)	1015·9	+2	NW'W	4	b	63	65	9	1	–	1	Tr	1	4000	0	*
8	L'pool (Bidston)	1016·1	0	WNW	3	b	64	65	8	1	–	8	Tr	1	4000	0	*
	Manchester	1015·0	+4	NW	3	bc	66	65	8	2	6	5	2·3	2·3	4000	1	*
9	Harrogate	1014·6	+6	E	1	c	63	65	7	5	–	–	7·8	7·8	4000	1	*
10	Spurn Head	1014·7	+2	E	1	bc	61	95	8	–	7	1	0	2·3	–	1	1
	Catterick	1014·4	+4	NE'E	2	bc	64	75	7	8	6	–	2·3	4·6	4000	0	*
	Tynemouth	1014·4	+8	N	2	bc	60	85	8	2	–	–	2·3	2·3	2500	0	1
11	Inchkeith	1013·5	-4	SW	1	b	65	65	8	2	–	–	1	1	4000	0	0
	Leuchars	1013·7	-4	S	2	b	66	65	8	1	–	1	Tr	1	4000	1	*
12	Renfrew (Abbotsinch)	1014·0	+2	W	2	bc	67	55	8	1	5	1	Tr	2·3	4000	0	*
	Eskdalemuir	1014·0	+4	W'S	3	c	65	65	8	8	–	–	7·8	7·8	4000	1	*
13A	Tiree	1013·5	-6	S	3	c	60	85	9	5	–	–	9+	9+	4000	0	2
13B	Stornoway	1011·1	-12	S	4	c	60	75	9	8	9	–	4·6	7·8	1500	1	2
15	Dalwhinnie	*	-2	NW	2	bc	66	55	8	1	–	2	1	2·3	4000	0	
	Aberdeen	1013·7	-2	SE'S	3	b	61	65	9	–	9	–	0	–	–	0	1
	Wick	1013·0	-4	SSE	2	c	59	85	9	8	6	1	4·6	7·8	1500	0	1
16	Lerwick	1012·6	-6	–	0	c	57	95	7	8	2	–	7·8	9+	800	0	*
17	Blacksod Point	1015·7	0	W	3	Dr	61	95	7	6	–	–	10	10	450	1	2
18	Malin Head	1014·2	-8	–	0	cjp	62	95	9	8	7	–	4·6	9+	1500	0	0
	Aldergrove	1015·0	+2	SW	1	c	66	65	9	5	7	–	7·8	9+	2500	1	*
	Donaghadee	1015·6	+2	–	0	bc	62	75	8	8	3	–	4·6	4·6	1500	0	0
19	Birr Castle	1016·7	0	SW	1	rr	62	95	7	6	–	–	10	10	1500	1	*
20	Valentia Obsy.	1019·9	+2	NW'W	4	dd	61	95	5	5	–	–	10	10	220	1	3
	Roches Point	1017·9	-4	W	2	r₀r₀	63	95	7	6	–	–	10	10	1500	1	2

PAST 24 HOURS.

Division	Stations.	Weather 7h.–13h. 24th (37)	Weather 13h.–18h. 24th (38)	Weather 18h.–1h. 24th–25th (39)	Weather 1h.–7h. 25th (40)
1	London (Kew)	cTLR	tlrcir	cpr b	OFcfW
	Croydon	pr₂tlr	TLRqir₀	r₀r₀bcoffz	offmof
	S. Farnborough	ccr₀p₀	cTLRrrc	bccp bcf	bcf fc
	Boscombe Down	cpr₀c	TLRir	Rcbcb	bbcm₀
	Calshot, S'thmtn	c	ctcr₀r₀	cr₀r₀	bbc
	Dungeness	f	r	bc lob	bc
	Lympne	bccTLR	oTLRkqc	~~cbc~~	bcfcFm
2	Shoeburyness	cTLR	ctlr	cbc	bm₀w
	Felixstowe	bccprqc	ctlr	ctlrcbc	bc f, b₃₀
	Gorleston	ccrrc	cpr₀c	bc	bc
	Cranwell	bccb	tlr₀c	bm₀	bmwbc
3	Birmingham	cpr₀	pr₀bc	b	bbc
	Upper Heyford	TLRt	crr₀	cr₀bc	bbc
4	Ross-on-Wye	ccvp₀cv	cp₀bcvg	bc,vb	bwbcc
5	Portland Bill	irocc	cbc	bc	bcc
	Plymouth	cd₀d₀pr	cpr	c	cddm₀
	The Lizard	cpr₀c	co	cfd	ffd
	Scilly (St. Mary's)	cp₀c	c	ir₀dif	id₀if
	Guernsey	cdr₀c	cbc	bcw	bcWc
6	Pembroke	cmifid	c	c	cfd₀c
7	Holyhead	rR⁰r₀	bc⊕	bcc	cr₀r₀
	Chester (Sealand)	cprbc	bcbv	bwm₀	bwm₀c
8	L'pool (Bidston)	bcv	bcvb	bbc	bccd₀
	Manchester	oRbc	bcy	bwm₀	bwcm₀
9	Harrogate	bcb?	cbc	bcb	bcc
10	Spurn Head	rcbc	cprbc	bc	bccf
	Catterick	cprbf₃₀	f₃₀bc	bc	bwbcc
	Tynemouth	bc	bc	bc	bcp
11	Inchkeith	cbc	bcb	c	cir₀
	Leuchars	bcwvy	bcyb	bbcc	r₀r₀m₀
12	Renfrew (Abbotsinh)	bc	bcby	bbcc	c
	Eskdalemuir	bcc	bcybc	bbcc	cir₀
13A	Tiree	bbc	bcc	cfr₀	cir
13B	Stornoway	c	c	cirm₀	cpr₀
15	Dalwhinnie	bc	b	*	ir
	Aberdeen	cwbcy	bcy	b	bbcpr
	Wick	bcc	c	c	crrid
16	Lerwick	cm₀	c	cffcom	cirorr
17	Blacksod Point	ir	K	cr	ido
18	Malin Head	bc	c	cddf₃₀	cidf₃₀
	Aldergrove	c	c	cd₀	cd₀d₀c
	Donaghadee	bc	bc	bcc	cpr₀c
19	Birr Castle	c	corr	rr	rrc
20	Valentia Obsy.	or₀r₀	orrdd	ddido	r₀pr₀
	Roches Point	cpr₀c	or₀r₀	r₀r₀c	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.
fo, 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.
c, 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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

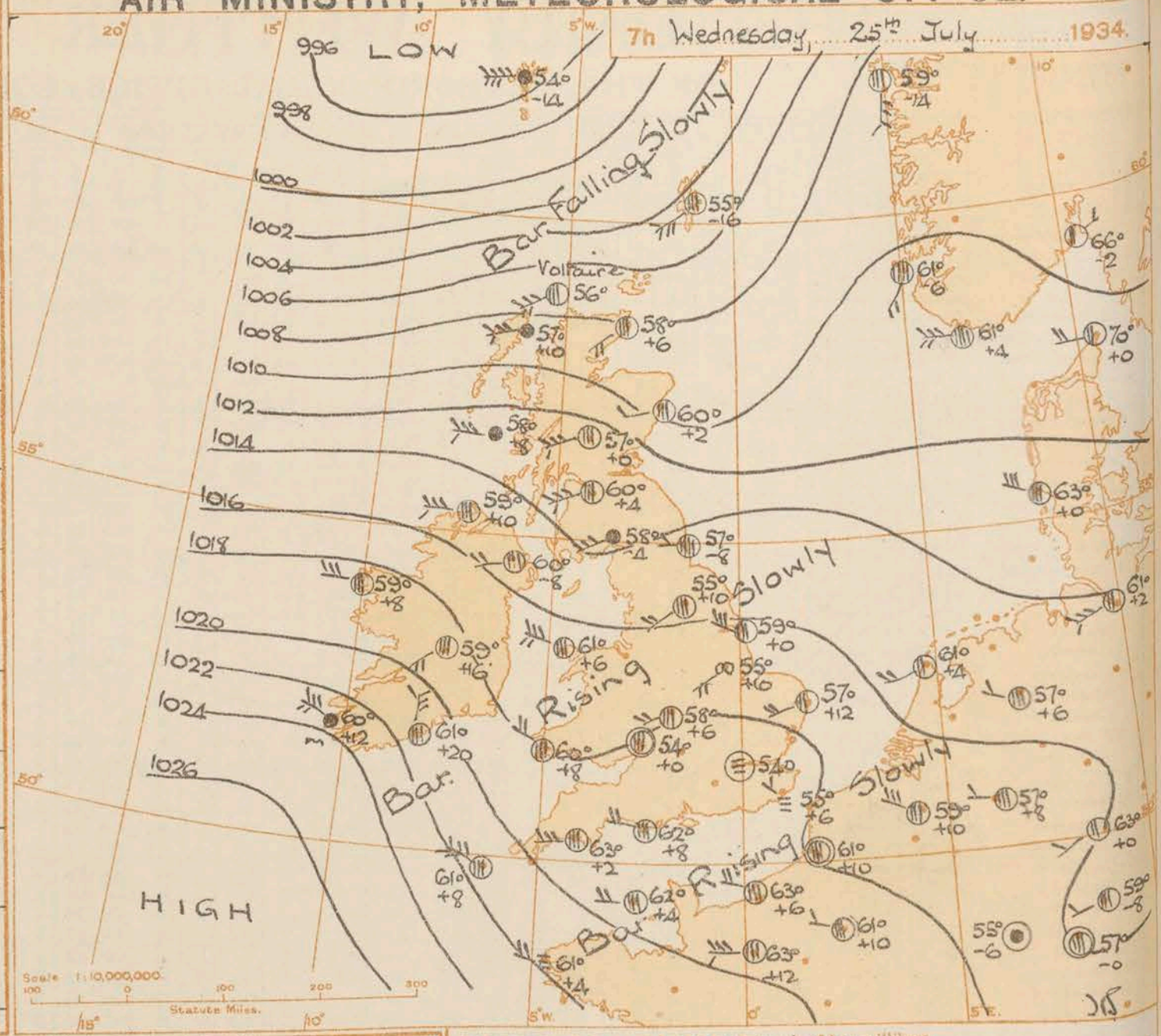
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 24th July 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.	bcor	ortlo	53	68	–	9	3·4	7·1
	Bournemouth	odo	c	54	69	–	Trace	2·3	10·2
	Ventnor ...	obc	bcw	56	65	–	–	2·2	8·0
	Southsea ...	cbc	bccp	55	70	–	Trace	1·0	8·1
	Bognor Regis	bcobc	bcor	55	69	–	Trace	3·2	7·7
	Littlehampton	c	cpc	55	67	–	0·1	2·7	7·4
	Worthing ...	bcoc	bccir	57	67	–	1	3·0	7·6
	Brighton ...	cbc	crc	57	67	–	6	2·4	7·7
	Eastbourne†	c	corrr	58	66	–	9	1·7	6·2
	Hastings† ...	cbcc	bcoltr	57	69	–	11	3·2	6·0
	Folkestone ...	bc	oTLR	59	69	–	38	2·7	4·3
	Dover... ...	ybcc	otlrc	57	69	–	24	2·7	2·7
	Deal	ocbc	ctlro	56	72	–	9	2·5	1·9
	Ramsgate ...	bctlr	ctlrc	60	68	–	12	2·0	4·2
	Margate ...	bcctlr	tlrc	60	66	0·3	7	1·2	5·4
2	Southend ...	cotlr	otlrc	57	71	–	32	3·1	6·6
	Maldon ...	ctlrc	tlrc	52	68	–	7	4·1	6·0
	Clacton-on-Sea	ctlrc	cbcc	54	67	–	3	5·3	4·9
	Dovercourt ...	bc	bcw	54	69	–	–	6·1	5·6
	Lowestoft ...	cir	cpbc	52	65	0·2	4	1·5	7·2
	Skegness ...	oro	obc	52	65	5	Trace	2·9	7·2
	Mablethorpe	cotr	oRc	51	65	2	5	3·3	8·2
	Cleethorpes...	octpc	cbc	54	65	1	0·6	4·0	8·3
3	Leamington S.	ctlr	bc	55	68	–	6	2·7	8·7
4	Cheltenham†	cbcip	bccir	52	69	–	6	6·5	10·9
5	Bath	cpbc	bccp	55	70	1	11	3·3	11·4
	Weymouth ...	crc	cbcc	56	66	–	3	1·6	10·9
	Jersey ...	cr	rcbc	58	66	–	3	3·3	11·3
	Torquay ...	cpbc	bc	55	69	–	2	2·1	12·9
	Penzance ...	cbc	cbbc	57	70	1	–	1·6	12·9
	St. Ives ...	c	c	57	66	3	–	1·7	12·5
	Bude	bco	bco	58	66	0·1	–	2·2	13·0
	Ilfracombe ...	oc	cbc	59	66	1	–	2·9	13·1
6	Aberystwyth	cbc	cbc	59	65	–	–	4·8	10·6
7	Llandudno ...	dcbc	b	57	64	2	Trace	6·2	8·5
	Colwyn Bay...	poc	bcb	57	67	1	–	5·7	8·7
	Rhyl	crdoc	bcb	56	64	1	1	6·7	10·4
8	Wallasey ...	bcb	bbcb	57	66	2	–	8·5	9·0
	Southport‖ ...	cbo	bcb	56	68	7	–	8·6	9·4
	Blackpool ...	cbc	bc	56	66	20	–	9·7	10·1
	Morecambe ...	bbcid	bccbc	55	65	8	Trace	3·4	9·5
9	Ilkley... ...	bccp	cpbc	52	67	7	3	2·7	9·8
10	Berwick-on-T.	c	bc	52	61	–	–	7·3	4·5
11	Dumbar ...	bc	bc	52	64	1	–	8·4	5·8
12	Troon... ...	bbv	bv	56	64	–	–	11·4	3·7
	Douglas ...	bc	bc	54	67	1	–	10·7	3·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. K Thunderstorm. co 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. 25th July, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate westerly wind; becoming cloudy, perhaps slight rain locally; average temperature, becoming close, with mild night.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate northwest to west wind, fresh locally; cloudy or dull, local drizzle; rather close.
9. N. Midlands 10. N.E. England	Light or moderate westerly wind; mainly cloudy, slight rain locally at first; rather close.
11. S.E. Scotland	Moderate westerly wind; cloudy, brighter locally; perhaps slight local showers; rather warm.
12. S.W. Scotland & Isle of Man 13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland	Moderate or fresh westerly wind; cloudy or dull, rain or drizzle at times; rather close.
15. N.E. Scotland	As 11.
16. Orkneys and Shetlands.	▽ Strong west wind, perhaps gale at first; showery; rather cool.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate to fresh westerly wind; cloudy or dull, some drizzle; rather close.

GENERAL INFERENCE.

A large anticyclone centred north of the Azores is spreading eastward. A depression north of the Faeroes is moving east, and other disturbances will follow. Weather will be mainly cloudy, but rainfall will be mostly slight and will probably be negligible in the Southeast.

FURTHER OUTLOOK.

Some rain in the Northwest and local drizzle in the Southwest; dry in the Southeast though perhaps mainly cloudy.

Time of issue of Gale Warning.

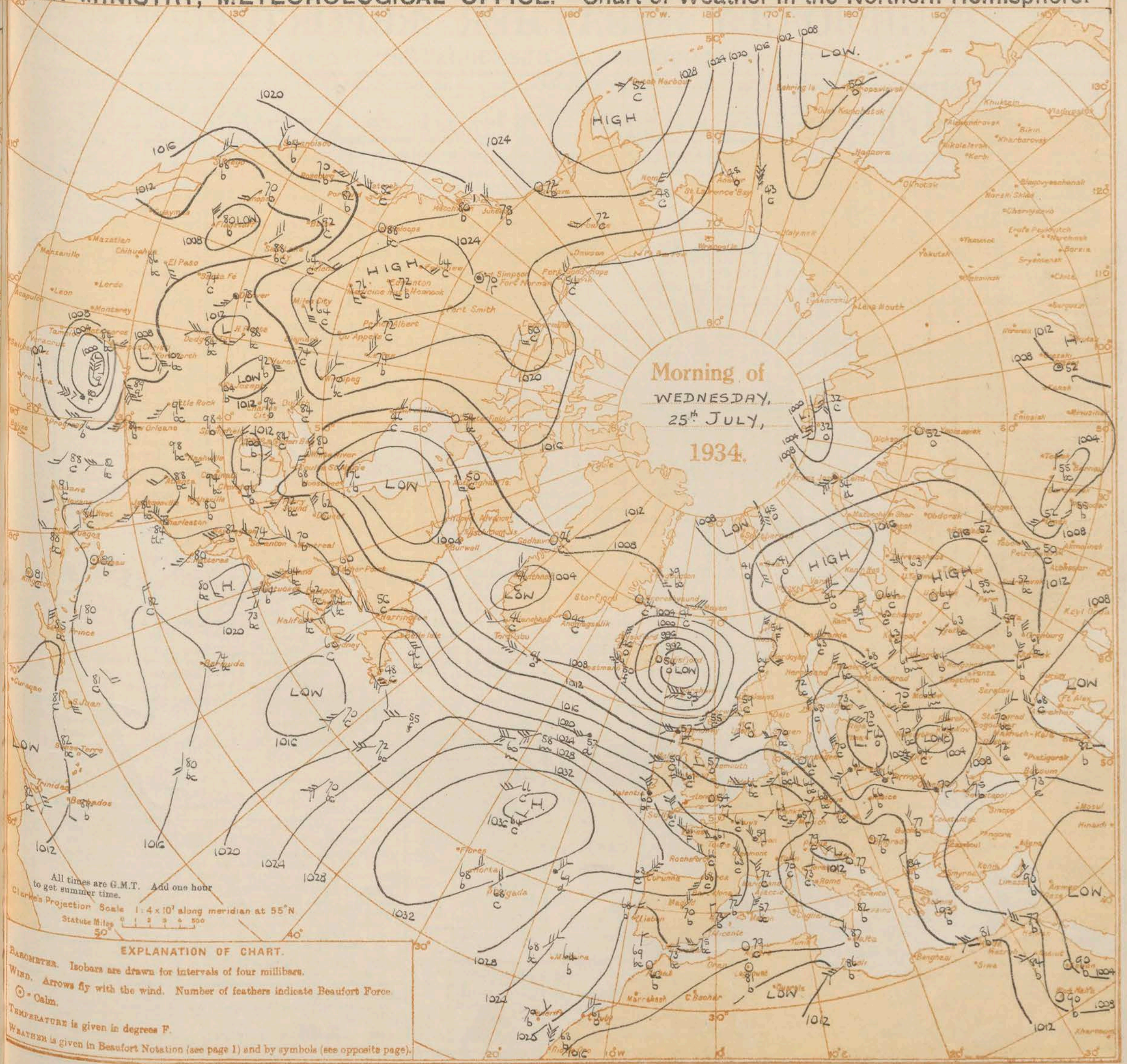
▽ South cone at 0825 on 25th in district 16.

Forecasts issued at 0930 G.M.T.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 25th July 1934.

No. 26543

OBSERVATIONS at 1 hr. G.M.T. 25th July

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	1017·1	+2	NW	1	f	57	95	3	5	-	-	10	10	<150
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017·1	+6	NW	3	b	55	95	7	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ..	5	1015·3	+6	NW	1	bc	57	85	6	4	-	-	2-3	2-3	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1017·4	+6	WNW	3	bc	61	95	8	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1019·7	+2	WNW	2	f	61	95	2	5	-	-	10	10	800
	Scilly (St. Mary's)	163	1020·4	+2	NW	4	id₀	61	95	6	5	-	-	10	10	1500
	Guernsey ...	175	1019·1	+4	NW	2	bc	61	95	7	5	1	-	4-6	4-6	4000
6	Pembroke ...	142	1017·0	+4	NW	2	c	60	95	7	5	-	-	10	10	4000
7	Holyhead ...	26	1016·5	+2	SSW	2	c	59	95	8	5	-	-	10	10	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1016·0	+6	-	0	bc	57	95	7	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1014·7	-6	W	2	bc	55	85	6	5	-	-	4-6	4-6	800
11	Inchkeith ...	190	1013·5	-6	SW	1	bc	57	85	8	4	-	-	2-3	2-3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1007·3	-12	SSW	5	cr₀	59	95	5	8	2	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1008·3	-20	SSW	4	c	57	95	8	8	1	-	7-8	10	1500
16	Lerwick ...	54	1008·4	-22	SW	5	o	55	95	5	5	-	-	10	10	450
17	Blacksod Point	18	1013·0	+10	W	3	rr	59	95	7	6	-	-	10	10	450
18	Malin Head ...	52	1013·8	+2	W	3	id₀	59	95	6	8	-	-	10	10	450
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ..	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1021·1	+10	W	2	df	58	95	2	5	-	-	10	10	800
	Roches Point ..	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 25th July

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)
London (Kew)	1018·5	+8	SSW	1	cf-	56	95	3	5	1	-	9	10	1500	1	*
Croydon	1018·2	+8	-	0	m	54	95	4	5	-	-	9	9	220	1	*
S. Farnborough	1018·3	+8	WS	1	bc	55	95	6	-	4	-	0	2-3	-	1	*
Boscombe Down	1018·2	+6	WNW	1	3₀	57	85	6	-	3	9	0	7-8	-	1	*
Calshot (S'thmtn)	1018·3	+8	WN	1	bc	58	85	7	8	5	9	1	4-6	4000	1	1
Dungeness	*	*	S	1	bc	*	*	5	4	-	*	4-6	4-6	2500	*	1
Lympne	1018·5	+6	NW	1	m	55	95	4	5	-	-	4-6	4-6	220	1	*
Shoeburyness	1018·1	+10	-	0	b	60	85	6	2	3	-	Tr.	1	2500	1	*
Felixstowe	1017·5	+10	-	0	b/f	57	85	6	-	3	4	0	1	-	1	0
Gorleston	1016·9	+12	WS	2	bc	57	85	6	-	7	-	0	4-6	-	0	2
Cranwell	1017·6	+10	WSW	2	3₀	55	95	5	-	7	8	0	7-8	-	1	*
Birmingham	1018·1	+6	SW	2	c	58	95	8	-	7	-	0	7-8	-	0	*
Upper Heyford	1018·1	+2	W	1	3₀	57	95	6	-	7	9	0	2-3	-	1	*
Ross-on-Wye	1017·8	0	-	0	c	54	95	8	-	7	-	0	9+	-	0	*
Portland Bill	1018·1	+8	WNW	2	c	62	95	7	4	-	-	9	9	2500	0	2
Plymouth	1018·6	+2	W	3	c	63	95	7	5	1	-	9	10	450	1	1
The Lizard	1020·3	+2	NWW	4	d₀d₀	61	95	7	5	-	-	10	10	1500	1	2
Scilly (St. Mary's)	1021·3	+8	NW	5	c	61	95	6	5	2	-	9+	10	1500	1	3
Guernsey	1019·5	+4	WNW	2	c	62	95	8	5	-	-	9	9	2500	0	1
Pembroke	1017·9	+8	NW	2	c	60	95	7	5	-	-	9+	9+	4000	1	2
Holyhead	1016·7	+6	WN	5	clr	61	95	8	5	7	-	4-6	9+	1500	1	2
Chester (Sealand)	1017·1	0	S	1	3₀	54	85	5	6	2	-	7-8	9	4000	0	*
L'pool (Bidston)	1017·0	-2	SW	2	cld	58	85	7	5	2	-	7-8	10	1500	1	*
Manchester	1016·8	+2	SW	1	3₀	54	95	5	5	2	-	2-3	10	2500	1	*
Harrogate	1015·6	0	SWS	2	c	56	95	7	6	1	-	9	10	2500	1	*
Spurn Head	1016·1	0	WNW	3	m	59	95	4	5	7	-	4-6	9	<150	0	2
Catterick	1014·9	-6	SSE	2	c	51	95	8	5	7	-	7-8	10	2500	0	*
Tynemouth	1013·3	-8	W	1	o	57	85	6	6	-	-	10	10	1500	0	1
Inchkeith	1011·5	-2	SW	3	c	60	85	8	8	-	-	9	9	2500	0	2
Leuchars	1010·6	-6	SW	2	c	61	95	8	5	-	-	7-8	7-8	2500	1	*
Renfrew (Abbotts I.)	1012·4	+4	WS	4	c	60	85	7	8	-	-	9	9	1500	0	*
Eskdalemuir	1013·1	-4	WSW	3	d₀d₀	58	95	6	5	-	-	10	10	800	1	
Tiree	1013·1	+8	W	4	ir	58	95	7	6	7	-	4-6	7-8	1500	1	3
Stornoway	1009·0	+10	W	4	pr₀	57	95	7	8	6	-	4-6	10	1500	1	2
Dalwhinnie	1010·7	0	W	4	c	57	85	8	4	4	-	7-8	10	2500	0	*
Aberdeen	1009·6	+2	W	1	c	60	85	7	9	7	-	9	9+	1500	1	0
Wick	1007·9	+6	SW	2	cld	58	95	8	8	7	-	7-8	9	1500	1	2
Lerwick	1003·9	-12	SW	4	clr	55	95	7	5	2	-	4-6	10	1500	1	*
Blacksod Point	1019·8	+8	W	3	c	59	85	8	5	-	-	10	10	450	1	3
Malin Head	1015·5	+10	W	4	cjp	59	95	7	9	-	-	9+	9+	800	1	1
Aldergrove	1016·0	+8	W	2	c	60	85	8	5	-	-	9+	9+	1500	1	*
Donaghadee	1015·4	+4	NW	1	c	61	95	8	5	-	-	7-8	7-8	1500	0	0
Birr Castle	1019·7	+16	SW	2	c	59	95	7	6	2	-	9	10	2500	1	*
Valentia Obsy.†	1021·0	+12	NW	5	pr₀	60	95	6	5	-	-	9+	9+	450	1	4
Roches Point	1020·4	+20	N	4	c	61	85	8	3	-	-	7-8	7-8	2500	1	3

PAST 24 HOURS.

Stations	Temperature Max. Day 7h-18h °F. (31)	Temperature Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall Day 7h-18h mm. (34)	Rainfall Night 18h-7h mm. (35)	Sunshine 24 Hrs. (36)
London (Kew)	67	55	50	8	0·5	4·2
Croydon	67	54	50	15	0·3	4·0
S. Farnborough	70	48	43	11	0·1	4·2
Boscombe Down	67	52	49	8 2	4	1·8
Calshot (S'thmtn)	70	52	49	~~11~~	1	1·2 4
Dungeness	71	52	*	11	-	*
Lympne	70	50	52	11	Tr.	3·4
Shoeburyness	68	50	46	6	-	2·9
Felixstowe	67	49	46	4	0·1	5·0
Gorleston	65	51	50	5	-	3·2
Cranwell	64	50	47	3	Tr.	4·5
Birmingham	69	50	37	0·3	-	6·5
Upper Heyford	67	52	46	6	0·3	*
Ross-on-Wye	73	48	40	Tr.	-	6·5
Portland Bill	63	59	*	1	-	*
Plymouth	68	61	59	1	0·6	1·9
The Lizard	68	60	*	0·3	2	*
Scilly (St. Mary's)	67	60	*	0·6	1	0·6
Guernsey	67	60	56	1	-	3·5
Pembroke	65	59	*	0·4	1	2·9
Holyhead	64	57	54	4	1	7·2
Chester (Sealand)	66	45	37	0·1	-	10·6
L'pool (Bidston)	64	54	51	-	Tr.	11·7
Manchester	68	45	42	6	Tr.	9·6
Harrogate	64	52	46	5	-	4·2
Spurn Head	65	55	*	3	-	6·3
Catterick	65	46	41	2	-	5·3
Tynemouth	61	52	51	-	-	*
Inchkeith	68	56	53	-	-	10·8
Leuchars	68	53	45	-	0·4	12·6
Renfrew (Abbotts I.)	71	55	50	-	-	9·4
Eskdalemuir	69	47	42	-	0·6	3·5
Tiree	64	57	54	-	2	10·3
Stornoway	64	55	*	-	1	8·7
Dalwhinnie	70	52	49	-	1	8·2
Aberdeen	63	55	52	-	2	10·8
Wick	63	53	*	-	8	*
Lerwick	60	54	*	-	4	0·8
Blacksod Point	61	57	*	9	1	*
Malin Head	64	57	*	-	4	6·4
Aldergrove	70	60	58	-	1	9·8
Donaghadee	63	59	*	-	0·5	*
Birr Castle	68	59	58	1	4	0·6
Valentia Obsy.†	62	59	58	8	1	0·0
Roches Point	66	60	*	2	1	*

LONDON OBSERVATIONS.

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

Station	Height above M.S.L. in feet	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew ...	18	CTLR	tlrcir	epcbiw	67	55	50	8	0·5	4·2	*	*	6
Croydon ...	217	prtlr	TLRqiG	Gfobcdfc	67	54	50	15	0·3	4·0	*	*	6
Greenwich (Royal Observatory) ...	149	crst	rRtlcr₀	id₀crnb	74	52	41	8	Tr.	4·0	82	70	5
City (Bunhill Row) ...	—	*	*	*	*	*	*	*	*	3·9	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	67	53	48	15		4·1	81	78	*
‡Regents Pk. (Botanic Gardens) ...	189	*	*	*	68	53	49	11	0·2	4·1	77	77	*
Camden Square ...	110	obcrtl.	crtlcp	*	67	54	47	8	0·3	*	*	82	*
Kensington ...	80	cr	bcotlrc	*	69	54	48	26	0·2	3·9	At 18h. 93	81	*
Hampstead Observatory ...	460	cortb	bc	or	65	50	45	14	0·3	4·0	*	95	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 hrs. ended 7h. G.M.T. 25th

South Kensington Max.	Time.	Min.	Time.
0·3	8h 24m	<0·3	9h 24m-6h 25m

Kew Observatory Max.	Time.	Min.	Time.
0·2	2h 25m	<0·1	23h 24m

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 24th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 25th July 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	WNW	2	rr	61	1013·0	WNW	1	c	61	70	59	4	9
Brussels ...	1015·6	WNW	2	tlr	59	1016·6	WNW	2	c	59	72	52	8	2
Berlin ...	1011·2	WNW	2	bc	57	1012·9	WNW	2	bc	64	77	?	-	-
Zurich ...	1018·0	SE	1	PR	63	1016·6	SW	2	c	59	75	57	2	8
Rome ...	1015·0	E	3	b	77						*	*	-	

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.

† 1hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 26th July 1934.

No. 26544

OBSERVATIONS at 13h. G.M.T. 25th July

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)	1019.0	+2	W'N	3	c	70	55	8	2	7	–	1	10	2500
	Croydon	1018.6	0	W	3	c	72	55	8	7	2	–	7-8	10	4000
	S. Farnborough	1019.1	+6	WSW	3	c	71	65	7	5	7	–	7-8	9+	4000
	Boscombe Down	1019.6	+10	W'S	1	c	66	85	7	5	1	–	9	9+	800
	Calshot, S'thmtn	1019.9	+6	SSW	3	c/d	67	85	8	8	–	–	10	10	2500
	Dungeness	*	*	SW	3	c	*	*	6	5	8	*	4-6	7-8	2500
	Lympne	1019.7	+6	SW	3	bc	69	65	8	1	3	9	2-3	4-6	4000
2	Shoeburyness	1018.5	0	SW	4	c	71	45	6	–	7	–	0	7-8	–
	Felixstowe	1017.9	0	S	4	c	69	65	7	7	3	5	4-6	7-8	4000
	Gorleston	1016.8	-2	W'S	3	bc	69	55	6	7	–	–	4-6	4-6	2500
	Cranwell	1017.7	+6	WSW	4	c	67	75	6	8	–	–	9	9	2500
3	Birmingham	1018.8	+6	NW	3	c	67	75	8	8	–	9	7-8	7-8	2500
	Upper Heyford	1019.0	+8	WNW	3	c	68	75	8	5	2	–	9+	10	2500
4	Ross-on-Wye	1019.0	+10	W'N	4	bc	72	55	8	7	4	9	4-6	4-6	4000
5	Portland Bill	1020.4	+10	NW	3	c	64	85	8	4	–	–	10	10	2500
	Plymouth	1022.0	+18	NNW	5	id.	67	85	8	5	–	–	10	10	1500
	The Lizard	1023.3	+16	NW	5	c	69	75	8	4	6	–	4-6	7-8	2500
	Scilly (St. Mary's)	1025.1	+18	NW'N	4	c	66	85	8	5	–	–	7-8	7-8	2500
	Guernsey	1021.5	+12	NW	4	c	68	85	8	8	–	–	10	10	2500
6	Pembroke	1020.4	+8	NW'N	2	bc	65	75	7	7	6	1	2-3	4-6	5700
7	Holyhead	1019.9	+10	W'N	5	c	67	65	8	7	3	–	4-6	7-8	2500
	Chester (Sealand)	1019.3	+14	WNW	5	cq	67	75	8	5	–	–	9	9	1500
8	L'pool (Bidston)	1019.4	+10	WNW	5	cq	63	75	9	8	–	–	9+	9+	2500
	Manchester	1018.2	+14	NW'N	4	c	66	75	7	7	–	–	9+	9+	2500
9	Harrogate	1015.7	0	SW	5	b	69	65	9	2	–	–	1	1	4000
10	Spurn Head	1016.6	0	W	3	c	66	95	7	5	2	–	7-8	9+	1500
	Catterick	1015.2	+6	WNW	4	bc	71	55	8	5	–	–	4-6	4-6	2500
	Tynemouth	1014.1	+4	W	3	bc	70	65	7	2	–	–	4-6	4-6	2500
11	Inchkeith	1013.2	+10	SW	5	bc	62	75	8	2	–	–	2-3	2-3	4000
	Leuchars	1012.4	+14	WNW	4	bc	69	65	9	7	–	1	4-6	4-6	4000
12	Renfrew (Abbotts'l)	1016.0	+20	W	4	c	62	75	7	8	–	–	9+	9+	2500
	Eskdalemuir	1015.8	+16	W	3	c	61	75	8	8	–	–	9+	9+	1500
13A	Tiree	1016.3	+10	W'N	5	c	61	75	7	5	–	–	9	9	2500
13B	Stornoway	1011.1	+8	W	5	pr	60	85	7	8	6	–	4-6	9+	1500
15	Dalwhinnie	1013.8	+16	W	2	c	57	75	8	4	2	–	4-6	10	4000
	Aberdeen	1011.5	+12	W'N	4	c/pr	65	65	8	9	–	–	7-8	7-8	1500
	Wick	1009.7	+10	WNW	3	ir	60	85	7	8	7	–	7-8	9+	1500
16	Lerwick	1005.1	0	WSW	5	bc	58	85	8	8	–	–	4-6	4-6	1500
17	Blacksod Point	1022.1	+8	W	3	o	62	85	7	5	–	–	10	10	450
18	Malin Head	1018.6	+16	W	4	c	60	85	7	8	–	–	10	10	1500
	Aldergrove	1019.6	+16	NNW	4	c	63	75	9	8	–	–	9	9	1500
	Donaghadee	1018.7	+10	WNW	2	bc	67	65	8	8	3	–	2-3	4-6	1500
19	Birr Castle	1022.8	+10	NW	3	c	68	65	8	5	8	–	4-6	7-8	2500
20	Valentia Obsy.	1027.3	+12	W'N	3	c	62	85	8	5	–	–	9+	9+	1500
	Roches Point	1023.9	+12	N	4	bc	64	75	8	3	–	4	2-3	4-6	2500

OBSERVATIONS at 18h. G.M.T. 25th July

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)	1019.4	-2	W'N	2	bc	73	55	8	7	9	3	2-3	4-6	4000	1	*
	Croydon	1019.6	+2	W	2	c	70	65	8	7	5	9	1	9	4000	1	*
	S. Farnborough	1019.3	-8	W	1	bc	73	65	7	8	7	3	2-3	4-6	4000	0	*
	Boscombe Down	1020.1	+6	NW'W	4	bc	70	65	8	7	9	–	Tr	4-6	2500	1	*
	Calshot, S'thmtn	1020.4	-2	SSW	3	bc	72	75	7	2	–	9	4-6	4-6	2500	0	1
	Dungeness	*	*	SW	4	c	*	*	6	4	–	*	9	9	1500	*	2
	Lympne	1020.1	+2	SW	2	c	67	75	8	5	3	–	7-8	9+	4000	1	*
2	Shoeburyness	1019.2	+2	WNW	2	c	70	65	7	5	3	–	4-6	9+	4000	0	*
	Felixstowe	1018.7	-2	W'N	3	c	69	65	8	8	3	9	4-6	7-8	4000	0	1
	Gorleston	1017.8	+2	SW	2	c	67	75	6	5	–	–	9+	9+	2500	0	2
	Cranwell	1018.7	+10	WNW	4	c	66	65	8	8	–	–	9+	9+	1500	1	*
3	Birmingham	1020.1	+6	NW	3	c	67	55	8	5	3	–	7-8	9	2500	0	*
	Upper Heyford	1019.4	+8	NW'W	4	bc	71	65	8	4	3	–	2-3	4-6	2500	0	*
4	Ross-on-Wye	1020.6	+6	NW'W	3	bc	68	55	9	4	9	8	2-3	4-6	4000	0	*
5	Portland Bill	1021.5	+4	NW	4	c	65	85	8	4	4	1	4-6	7-8	2500	0	3
	Plymouth	1023.4	+8	NW	5	c	68	75	8	1	3	2	4-6	7-8	2500	0	2
	The Lizard	1024.2	+8	NW'W	5	bc	65	75	8	–	3	–	0	2-3	–	0	2
	Scilly (St. Mary's)	1026.1	+4	NW	4	bc	66	85	7	4	4	9	1	2-3	4000	0	3
	Guernsey	1023.1	+14	NW	3	bc	66	85	8	7	–	–	4-6	4-6	4000	0	3
6	Pembroke	1023.0	+8	NW	1	bc	65	75	7	–	5	4	0	4-6	–	0	1
7	Holyhead	1021.1	+4	~~NNW~~ SW	3	c	64	75	8	5	–	–	9+	9+	4000	1	1
	Chester (Sealand)	1020.7	+6	WNW	5	c	68	65	8	7	3	1	4-6	7-8	4000	0	*
8	L'pool (Bidston)	1021.0	+6	WNW	4	bc	63	75	8	9	6	–	4-6	4-6	2500	1	*
	Manchester	1019.9	+8	NW'N	4	c	63	75	7	7	3	–	7-8	9+	1500	1	*
9	Harrogate	1017.5	+6	SW	5	bq	63	65	9	–	6	9	0	1	–	0	*
10	Spurn Head	1016.4	-2	WNW	6	bc	68	95	7	–	7	9	0	4-6	–	0	4
	Catterick	1017.0	+4	WNW	4	bc	66	55	9	5	5	1	2-3	4-6	2500	0	*
	Tynemouth	1014.0	+4	W	5	bc	67	65	7	2	6	–	2-3	4-6	2500	0	1
11	Inchkeith	1014.3	0	SW	5	c	61	75	8	4	4	9	2-3	7-8	4000	0	3
	Leuchars	1013.9	+6	W	4	bc	66	65	8	7	5	–	2-3	4-6	2500	1	*
12	Renfrew (Abbotts'l)	1017.0	+4	W'S	4	c	63	65	8	8	7	1	7-8	7-8	2500	0	*
	Eskdalemuir	1016.9	+4	W	3	c	61	75	8	5	7	–	4-6	7-8	1500	1	*
13A	Tiree	1016.3	0	WSW	4	c	59	85	7	5	–	–	9+	9+	2500	0	3
13B	Stornoway	1012.2	+4	W	4	pr	57	85	7	8	2	–	7-8	10	800	1	2
15	Dalwhinnie	1014.9	+4	W	4	c	56	75	7	3	4	–	4-6	10	1500	0	
	Aberdeen	1012.6	+10	W'N	3	bc	69	45	8	8	4	9	4-6	4-6	4000	0	1
	Wick	1010.9	+6	W	3	c/r	57	85	8	8	1	–	4-6	7-8	1500	1	2
16	Lerwick	1006.1	+6	WSW	5	bc	56	85	8	8	3	1	4-6	4-6	800	1	*
17	Blacksod Point	1021.7	+4	W	4	id	61	95	7	6	–	–	10	10	450	1	3
18	Malin Head	1018.4	-6	W'S	4	cjp	60	95	7	9	–	–	9+	9+	1500	0	2
	Aldergrove	1020.2	0	WSW	3	cjp	63	75	8	5	7	–	9	9+	2500	1	*
	Donaghadee	1019.9	+2	NW	2	bc	65	75	8	8	3	–	4-6	4-6	1500	0	1
19	Birr Castle	1023.3	+4	W	3	ir	63	85	7	5	–	–	10	10	1500	1	*
20	Valentia Obsy.	1027.6	+2	W'N	3	o	62	95	6	5	–	–	10	10	220	1	3
	Roches Point	1024.5	0	N	4	bc	70	75	8	3	–	–	4-6	4-6	2500	0	3

PAST 24 HOURS. — WEATHER.

District	Stations.	7h.–13h. 25th (37)	13h.–18h. 25th (38)	18h. 25th – 1h. 26th (39)	1h.–7h. 26th (40)
1	London (Kew)	cfb, cy	cbcy	bcb	bbcc
	Croydon	cmbc	c	c, b	bbcc
	S. Farnborough	bcyc	cpr.cbc	bcbr	bwc
	Boscombe Down	cpr.c	cbc	bcb	bm.
	Calshot, S'thmtn	c cdd	cbc	bbw	bcb·c
	Dungeness	c	o		c
	Lympne	mbcy	bbc	cm.prb	bcbc
2	Shoeburyness	bccm.	cm.	cbc	cbc
	Felixstowe	bz.bcy	bcc	bcb	b-c
	Gorleston	bcy	bcc	cbc	bcc
	Cranwell	cy cz.	cz.c	cbbc	c
3	Birmingham	cpr.	cbcc	cb	bbc
	Upper Heyford	cir.c	cd.bc	bcc	cbcc
4	Ross-on-Wye	cvbc	bcvy	cbcc	c
5	Portland Bill	c	c	bcb	bbcc
	Plymouth	cid.	cid.bc	bcb	b-cid.
	The Lizard	od.c	cbc	bcF	FFc
	Scilly (St. Mary's)	c	cbc	FFc	Fffc
	Guernsey	oid.c	cbc	bcbw	bcbcc
6	Pembroke	cbc	bc	cm.d.c	cbcc
7	Holyhead	cbc	bcc	c	cbcc
	Chester (Sealand)	idm.c	cv	bcc	c
8	L'pool (Bidston)	iDcq	cevbc	bcctc	ccqv
	Manchester	od.fcq	cqc	bcc	cd.dq
9	Harrogate	cb	bcbq	bq	cqid
10	Spurn Head	o	cbc	bc	pr
	Catterick	d.cbcy	cbcy	bcy	bcc
	Tynemouth	oircbc	bcq	bco	oir
11	Inchkeith	cbc	bcc	co	cir.
	Leuchars	bcv	bcyqv	bccr.	cirm.
12	Renfrew (Abbotts'l)	cprc	cpr.c	corr	or.r.d.
	Eskdalemuir	id.c	cbcc	c	ccir
13A	Tiree	c	cir.	orr	or.r.
13B	Stornoway	cprm.	cprq	cpr.c	cpr.
15	Dalwhinnie	c	c		ir
	Aberdeen	cqpr.	bcy	bcyc	cr.rm.
	Wick	cir	cir	c	circ
16	Lerwick	cbc	bccpr.bc	bccrddd	cir.
17	Blacksod Point	id.	id.	cd.	idr
18	Malin Head	cpr	c	cddz.	cddz.
	Aldergrove	c	c	cjpc	or.id.
	Donaghadee	cbc	bc	c	cir
19	Birr Castle	c	cbir.	oid.	oid.
20	Valentia Obsy.	cpr.c	co	dmd.	id.id
	Roches Point	cbc	bc	bcc	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., 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 Nimbus.
7 Fair weather Cu and St-Cu.
8 Large Cu (or Cu-Nb) and St-Cu.
9 Large Cu (or Cu-Nb) and Nb.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/10 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

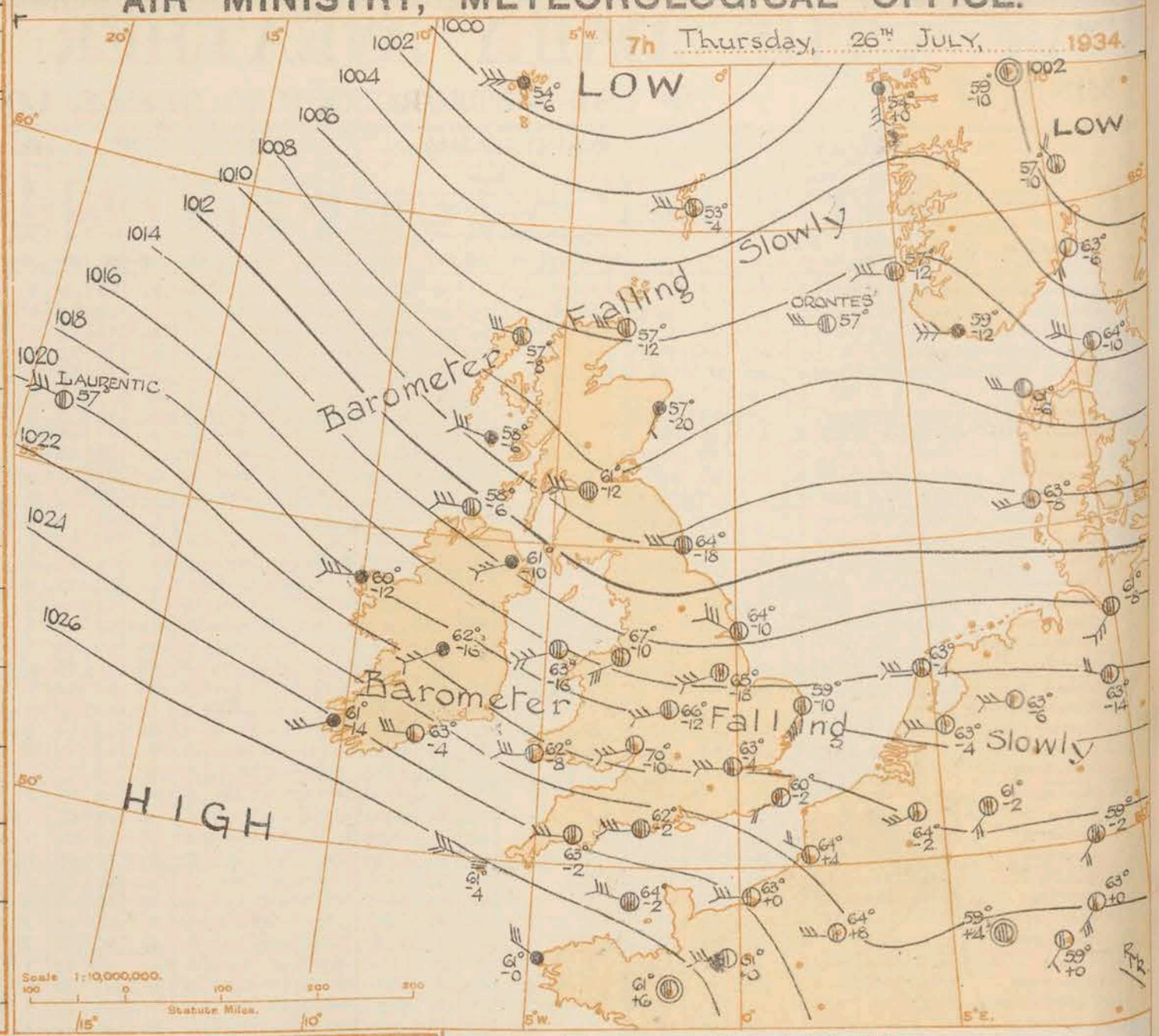
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 25th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	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.	b	bcco	52	74	1	–	6·2	3·6
	Bournemouth	bo	obc	55	77	–	–	3·2	2·8
	Ventnor	bcw	cbc	56	68	6	–	6·9	2·2
	Southsea	bbc	cbbc	55	73	3	–	6·8	1·0
	Bognor Regis	b	bcw	54	71	1	Trace	7·4	3·2
	Littlehampton	bc	bcpbc	53	70	1	Trace	7·1	2·7
	Worthing	b	c	56	69	3	–	7·7	3·0
	Brighton	b	cbdc	54	69	9	Trace	7·5	2·4
	Eastbourne†	b	boc	55	69	2	–	8·5	1·8
	Hastings†	b	bbcc	55	70	3	–	8·1	3·4
	Folkestone	bbc	bcc	54	69	Trace	–	7·6	3·1
	Dover	ybc	bcco	55	68	–	–	7·7	2·7
	Deal	bcbbc	bcco	53	72	–	–	6·0	2·9
	Ramsgate	bbc	bcc	54	71	Trace	–	7·8	2·5
	Margate	bc	bcc	56	74	Trace	–	8·4	1·7
2	Southend	bbc	c	53	75	Trace	–	6·7	3·2
	Maldon	b	c	50	74	0·3	–	6·9	4·1
	Clacton-on-Sea	cbc	bccy	50	71	1	–	7·5	5·4
	Dovercourt	obcy	bcv	52	71	4	–	6·0	6·1
	Lowestoft	bbc	bccw	47	73	–	–	7·7	2·8
	Skegness	obc	bco	48	72	–	–	2·7	5·3
	Mablethorpe	comp	c	45	73	Trace	Trace	2·7	5·6
	Cleethorpes	c	cbc	49	75	–	–	3·5	6·2
3	Leamington S.	bcc	cbc	48	73	–	–	4·4	3·5
4	Cheltenham†	oc	cbcy	48	71	–	–	6·2	8·1
5	Bath	c	cbcb	51	75	–	–	4·6	4·0
	Weymouth	c	cb	57	75	–	–	2·2	3·5
	Jersey	c	c	59	68	–	–	0·1	5·0
	Torquay	cbc	bvy	60	74	–	–	4·4	2·9
	Penzance	cbc	cbcb	57	70	2	–	2·2	1·6
	St. Ives	o	c	60	66	10	–	1·3	1·7
	Bude	c	bc	55	67	3	–	3·2	2·5
	Ilfracombe	oc	cbc	60	66	0·3	–	2·3	2·9
6	Aberystwyth	cdrc	cbc	55	68	1	–	1·6	6·1
7	Llandudno	c	cbc	53	67	Trace	–	1·5	8·6
	Colwyn Bay	o	bcb	57	70	–	–	1·8	8·5
	Rhyl	odoc	cbcc	49	67	0·4	–	2·2	9·2
8	Wallasey	orc	cbcc	55	68	1	Trace	0·8	11·0
	Southport‖	o	oc	55	67	2	–	0·5	11·1
	Blackpool	o	c	58	66	3	–	0·2	11·8
	Morecambe	bcc	cbcc	53	65	4	–	1·2	5·5
9	Ilkley	gcbc	bc	49	70	–	–	2·5	3·4
10	Berwick-on-T.	cbc	bc	52	70	–	–	8·4	9·9
11	Dunbar	bc	bc	53	69	–	–	9·3	11·1
12	Troon	cbc	cbc	58	63	0·3	–	4·2	13·6
	Douglas	bycb	cbc	55	68	Trace	–	5·6	12·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 26th July, 1934.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Moderate or fresh westerly wind, veering slightly; fair at first, a short period of rain evening or early night, then fair again; warm and close; somewhat cooler and less close later.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England	Moderate or fresh westerly wind, veering slightly; cloudy or dull, some rain, then mainly fair but slight showers locally; average temperature; becoming less close.
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	Moderate or fresh west-north-west wind; cloudy, some showers, brighter intervals; average temperature.
19. S E. Ireland 20. S.W. Ireland	As 5 - 10.

GENERAL INFERENCE.

Pressure is very high north of the Azores and low north of the Faeroes. A secondary depression over Scotland is moving quickly east, and an associated slight trough will cross the British Isles, giving a short period of rain.

FURTHER OUTLOOK.

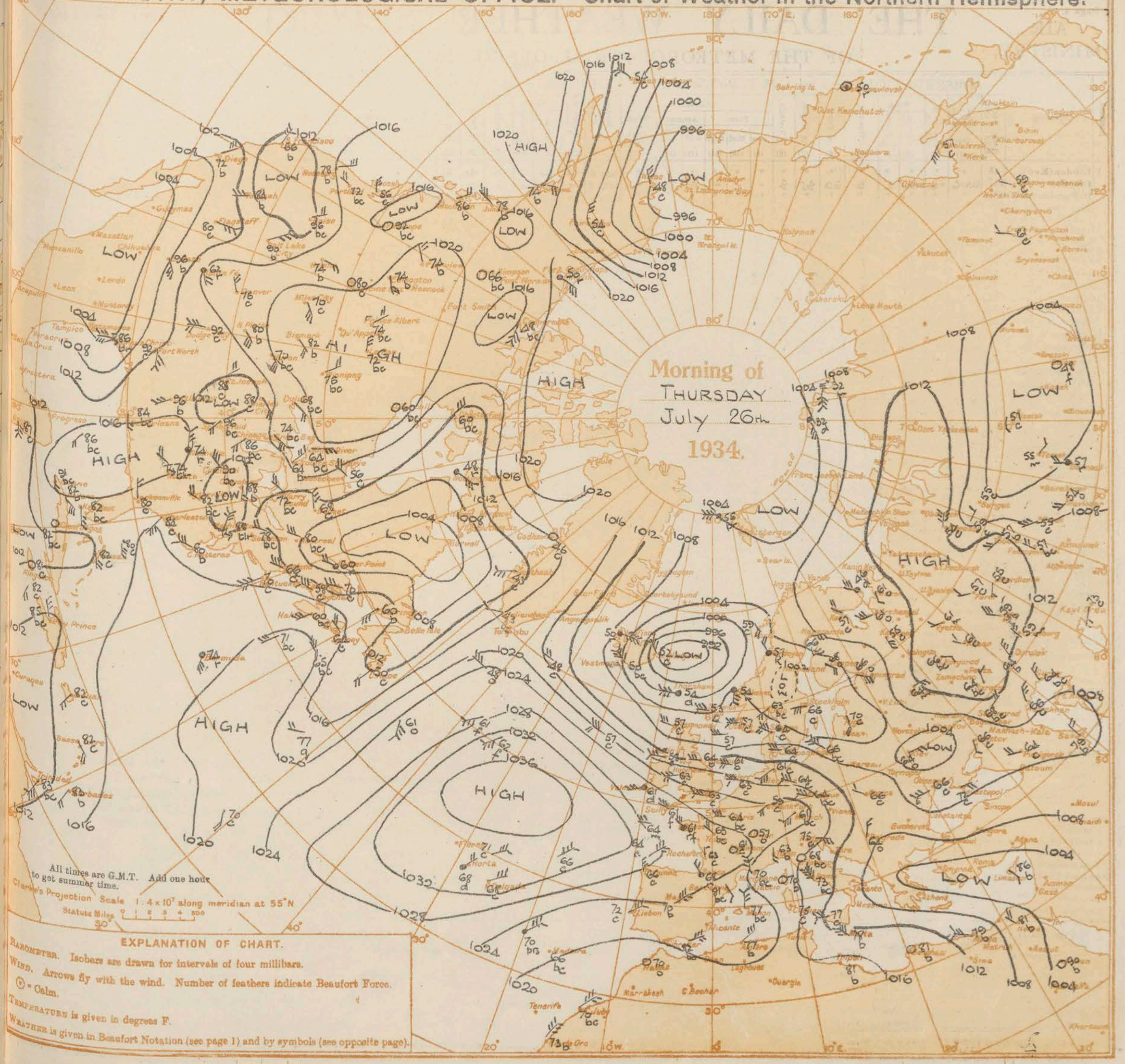
Rather unsettled, but considerable fair periods in the South.

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.

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 26th July 1934.

No. 26544

OBSERVATIONS at 1 hr. G.M.T. 26th July

Distrct.	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	1021·6	+6	WSW	2	0	60	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1021·7	0	N'W	3	0	60	75	8	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1019·3	+8	SW	2	bc	59	85	7	-	6	-	0	2·3	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1023·3	0	NW	4	0	63	85	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1026·2	0	WNW	4	F	60	95	1	5	-	-	10	10	<150
	Scilly (St. Mary's)	163	1027·3	0	NNW	4	F	61	95	1	5	-	-	10	10	<150
	Guernsey	175	1024·7	+2	NNW	3	0	62	95	7	-	-	-	0	0	-
6	Pembroke	142	1022·3	+4	WNW	3	c	61	95	7	5	-	-	10	10	4000
7	Holyhead	26	1020·2	-6	WSW	4	c	61	95	8	5	-	-	9+	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1018·1	+4	WNW	4	bc	59	95	7	-	7	-	0	4·6	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1015·1	-12	W	3	0	60	75	7	6	-	-	10	10	1500
11	Inchkeith	190	1013·5	-12	SW	4	r₀	57	85	8	6	-	-	10	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1009·0	-16	SSW	2	c/pr	56	95	7	8	2	-	7·8	10	800
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1009·5	-16	W	2	0	55	85	8	8	1	-	7·8	9	1500
16	Lerwick	54	1005·6	-4	WSW	5	dd	54	95	5	5	-	-	10	10	800
17	Blacksod Point	18	1020·4	-6	W	4	dd	61	95	7	6	-	-	10	10	450
18	Malin Head	52	1014·3	-16	W	4	dd	60	95	6	6	-	-	10	10	450
	Aldergrove	258	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1027·2	0	WNW	3	df	58	95	3	5	-	-	10	10	<150
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 26th July

Distrct.	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)	1020·6	-6	SW	2	c	64	85	7	5	-	-	9+	9+	4000	1	*
	Croydon	1020·6	-4	W	4	c	63	85	7	5	-	1	7·8	7·8	1500	1	*
	S. Farnborough	1020·7	-4	SW'W	3	c	63	95	7	5	-	-	9+	9+	800	1	*
	Boscombe Down	1021·3	-4	W	3	3₀	64	95	6	5	-	-	10	10	800	1	*
	Calshot (S'thmtn)	1021·8	-4	W	4	c	66	86	8	5	-	-	9+	9+	800	0	1
	Dungeness	*	*	SW'W	2	c	*	*	6	4	9	*	4·6	7·8	2500	*	0
	Lympne	1021·1	-2	WSW	2	c	60	85	7	5	7	-	9	9+	4000	1	*
2	Shoeburyness	1019·7	-8	WSW	3	c	64	85	7	-	7	-	0	7·8	-	0	*
	Felixstowe	1018·9	-6	SW'W	3	c	62	75	7	5	2	-	7·8	9+	4000	0	1
	Gorleston	1016·8	-10	SW'S	3	c	59	85	6	5	-	-	9+	9+	2500	0	2
	Cranwell	1015·7	-18	SW'W	4	c	65	85	8	5	7	-	7·8	9+	1500	1	*
3	Birmingham	1017·9	-12	WSW	4	c	66	85	8	5	9	-	1	7·8	1500	0	*
	Upper Heyford	1019·5	-10	SW	3	c	64	85	7	5	4	9	4·6	7·8	4500	0	*
4	Ross-on-Wye	1019·1	-10	WSW	4	bc	70	75	8	4	7	2	2·3	4·6	4000	0	*
5	Portland Bill	1022·7	-2	W	4	c	62	95	8	5	-	-	10	10	1500	0	3
	Plymouth	1024·1	-2	W'S	4	c	63	95	8	5	-	-	9+	9+	450	0	1
	The Lizard	1025·2	-4	W	5	F-	60	95	1	5	-	-	10	10	<150	1	2
	Scilly (St. Mary's)	1026·2	-4	WNW	5	f	61	95	2	5	-	-	10	10	<150	1	3
	Guernsey	1024·5	-2	W'N	4	0	64	95	8	5	-	-	10	10	1500	0	3
6	Pembroke	1020·6	-8	W	4	bc	62	95	7	5	-	-	2·3	2·3	5700	0	2
7	Holyhead	1018·6	-16	WSW	5	c	63	86	8	5	-	-	9+	9+	1500	0	2
	Chester (Sealand)	1016·3	-10	WSW	3	c	67	85	8	5	3	-	9	9+	1500	0	*
8	L'pool (Bidston)	1015·9	-6	W	6	q	67	76	9	6	3	-	4·6	9	2500	0	*
	Manchester	1015·5	-12	WNW	6	q	65	85	6	6	-	-	10	10	800	1	*
9	Harrogate	1013·3	-6	SW	5	d₀	63	95	9	6	2	-	9+	10	2500	0	*
10	Spurn Head	1013·8	-10	W'N	4	c	64	95	7	3	7	-	4·6	9	2500	1	3
	Catterick	1011·7	-16	W'S	4	c	65	85	8	5	7	-	7·8	9+	1500	0	*
	Tynemouth	1010·5	-18	W	3	o/r₀	64	95	7	6	-	-	10	10	1500	1	1
11	Inchkeith	1008·5	-50	SW	4	c	60	85	8	8	-	-	9+	9+	1500	0	2
	Leuchars	1007·0	-22	WSW	3	c	61	95	8	5	1	-	9	9+	800	1	*
12	Renfrew (Abbotts'l)	1009·4	-12	W	5	o/d₀	61	85	8	6	-	-	10	10	1500	1	*
	Eskdalemuir	1010·4	-12	W'S	5	c/r	59	85	7	5	1	-	9+	10	800	1	
13A	Tiree	1009·5	-6	W'N	4	dd	58	95	6	6	2	-	4·6	10	1500	1	3
13B	Stornoway	1006·3	-8	WNW	3	c/pr.	57	95	8	8	6	3	7·8	9	1500	1	1
15	Dalwhinnie	1007·4	-20	W	3	r₀	58	85	7	3	1	-	7·8	10	800	1	*
	Aberdeen	1006·7	-20	SSW	1	dd₀	57	95	6	6	2	-	7·8	10	800	1	1
	Wick	1005·7	-12	W	3	c	57	95	8	8	1	-	7·8	9	1500	1	2
16	Lerwick	1003·7	-4	W	4	c	53	95	7	8	2	-	7·8	9	800	1	*
17	Blacksod Point	1017·6	-12	W	4	dr	60	95	7	6	-	-	10	10	450	1	1
18	Malin Head	1012·4	-6	W	4	c/d	58	95	7	6	-	-	9+	9+	450	1	2
	Aldergrove	1013·7	-10	WSW	4	id₀	61	95	7	5	-	-	10	10	800	1	*
	Donaghadee	1013·9	-10	SW	2	r₀	62	95	7	6	-	-	9	9	800	1	1
19	Birr Castle	1019·7	-16	WSW	4	id₀	62	95	7	5	-	-	10	10	1500	1	*
20	Valentia Obsy.†	1024·7	-14	WSW	3	id	61	95	5	5	-	-	10	10	450	1	4
	Roches Point	1022·9	-4	W	3	bc	63	85	8	3	-	-	4·6	4·6	2500	0	3

PAST 24 HOURS.

Distrct.	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 25th Hrs. (36)
1	London (Kew)	74	58	53	-	-	4·7
	Croydon	73	58	56	-	-	6·0
	S. Farnborough	74	55	40	Tr	Tr.	8·3
	Boscombe Down	74	58	54	Tr	-	6·8
	Calshot (S'thmtn)	74	59	55	0·1	-	6·5
	Dungeness	68	55	*	-	-	*
	Lympne	71	56	52	-	Tr.	6·4
2	Shoeburyness	74	57	52	-	-	7·2
	Felixstowe	70	57	55	-	-	5·9
	Gorleston	72	55	54	-	-	7·4
	Cranwell	70	56	53	-	-	3·4
3	Birmingham	71	60	57	Tr	-	3·4
	Upper Heyford	76	55	49	Tr	-	*
4	Ross-on-Wye	73	59	55	-	-	5·3
5	Portland Bill	68	61	*	-	-	*
	Plymouth	69	62	61	Tr	Tr.	5·3
	The Lizard	69	59	*	Tr	Tr.	*
	Scilly (St. Mary's)	69	59	*	-	0·3	7·4
	Guernsey	70	61	58	Tr	-	3·3
6	Pembroke	(65) 67	60	*	-	Tr	8·6
7	Holyhead	68	59	58	-	-	4·8
	Chester (Sealand)	70	63	59	0·1	-	2·4
8	L'pool (Bidston)	66	61	60	0·4	-	2·0
	Manchester	67	57	52	Tr	0·6	1·3
9	Harrogate	70	57	51	-	Tr.	5·8
10	Spurn Head	71	58	*	-	1	5·6
	Catterick	72	56	49	Tr	-	5·8
	Tynemouth	71	59	54	0·1	0·6	*
11	Inchkeith	63	56	56	-	-	9·6
	Leuchars	71	56	55	-	0·4	10·3
12	Renfrew (Abbotts'l)	65	57	56	0·1	1	6·8
	Eskdalemuir	66	54	54	Tr	2	1·3
13A	Tiree	61	57	57	Tr	3	0·7
13B	Stornoway	61	55	*	1	1	2·0
15	Dalwhinnie	60	52	50	-	2	2·4
	Aberdeen	72	55	52	Tr	1	7·0
	Wick	63	54	*	3	0·1	*
16	Lerwick	59	53 (52)	*	0·4	1	4·4
17	Blacksod Point	63	60	*	0·3	3	*
18	Malin Head	62	58	*	0·2	4	0·1
	Aldergrove	68	59	59	-	2	2·8
	Donaghadee	68	60	*	-	1	*
19	Birr Castle	71	62	62	Tr	Tr.	3·3
20	Valentia Obsy.†	64	60	60	Tr	0·6	0·6
	Roches Point	72	60	*	-	-	*

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.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cfb, cy	cbcy	bcbbcc	74	58	53	-	-	4·7	*	*	7
Croydon	217	cmbc	c	c, bbcc	73	58	55	-	-	6·0	*	*	8
Greenwich (Royal Observatory)	149	bcy	cy.	cbcm₀	79	55	50	-	-	6·6	56	72	7
City (Bunhill Row)	---				*	*	*	*	*	6·9	*	*	*
Westminster (St. James' Park)	27	*	*	*	74	59	53	—		6·2	58	75	*
‡Regents Px. (Botanic Gardens)	189	*	*	*	75	59	54	-	-	5·7	66	75	*
Camden Square	110	bc	cbc	*	74	59	53	-	-	*	*	75	*
Kensington	80	bcyc	cbc	*	74	59	51	-	-	6·0	At 18h. 59	75	*
Hampstead Observatory	450	bc	c	bc	72	55	52	-	-	5·5	*	91	*

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	8-9h. 25th.	<0·3	10h. 25th. – 6h. 26th.

Kew Observatory. Max.	Time.	Min.	Time.
0·2	8-10h. 25th.	0·1	Remainder of period

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 25th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 26th July. 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	1020·2	WNW	3	bc	75	1022·7	W	3	bc₃	64	71	63	-	-
Brussels	1019·0	WNW	3	c	68	1019·5	SW'W	3	bc	64	73	55	-	0·1
Berlin	1013·0	NW	2	bc	73	1015·4	W'N	4	c	64	79	61	-	-
Zurich	1020·6	S	2	0	57	1023·4	SSE	1	b	55	66	50	10	0·5
Rome	1010·3	WSW	9	c	75	1012·6	NNW	8	b	73	*	*	-	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	1½ miles.
5	Poor visibility	2½ „
6	Moderate „	6½ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

CTION
..........1934.

OURS.

INFALL. Night 18h-7h mm. (35)	SUNSHINE 25th Hrs. (36)
-	4.7
-	6.0
Tr.	8.3
-	6.8
-	6.5
-	*
Tr.	6.4
-	7.2
-	5.9
-	7.4
-	3.4
-	3.4
-	*
-	5.3
-	*
Tr.	5.3
Tr.	*
0.3	7.4
	3.3
Tr	8.6
-	4.8
-	2.4
-	2.0
0.6	1.3
Tr.	5.8
1	5.6
-	5.8
0.6	*
-	9.6
0.4	10.3
1	6.8
2	1.3
3	0.7
1	2.0
2	2.4
1	7.0
0.1	*
1	4.4
	*
3	
4	0.1
2	2.8
1	*
Tr.	3.3
0.6	0.6
-	*

..., etc.

...Code for ...ibility. ...visible at ...5 yards. ...220 " ...550 " ...100 " ...1¼ miles. ...2½ " ...6¼ " ...2½ " ...l " ...ond 31m.

Code for ...a. ...y rough. ...h. ...y high. ...cipitous. ...fused.

...r.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 27th July 1934.

No. 26,545.

OBSERVATIONS at 13h. G.M.T. 26th July

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)	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)	1016.3	-22	WSW	4	c	77	65	8	1	-	2	7-8	7-8	4000
	Croydon	1017.6	-12	W	5	c	77	65	8	7	-	1	9	9	2500
	S. Farnborough	1017.4	-14	WS	5	bc	81	55	8	7	-	2	4-6	4-6	2500
	Boscombe Down	1019.1	-10	W	5	c	76	65	8	5	1	-	7-8	9	1500
	Calshot, S'thmtn	1019.0	-14	SW'S	5	c	72	75	8	1	-	6	4-6	7-8	4000
	Dungeness	*	*	SW	4	c	*	*	7	5	4	*	2-3	7-8	2500
	Lympne	1017.8	-18	WSW	4	c	73	75	8	5	7	-	7-8	7-8	2500
2	Shoeburyness	1015.9	-18	WSW	4	c	78	65	7	7	-	1	4-6	7-8	2500
	Felixstowe	1014.5	-22	W'S	4	c	79	55	7	8	3	-	7-8	7-8	1500
	Gorleston	1013.0	-12	W'S	3	c/pr	74	65	6	8	-	-	9+	9+	2500
	Cranwell	1013.5	-6	WSW	4	c	70	75	8	9	7	-	7-8	9+	~~2500~~ 1500
3	Birmingham	1015.5	-8	W	5	c	72	65	8	5	-	-	7-8	7-8	2500
	Upper Heyford	1015.9	-14	W	5	ir$_0$	75	75	6	8	2	-	9	9+	1500
4	Ross-on-Wye	1016.8	-10	W	6	q	74	65	8	8	-	9	9	9+	4000
5	Portland Bill	1020.4	-12	WSW	5	bc	64	85	7	5	4	-	2-3	4-6	2500
	Plymouth	1022.6	-10	W	5	c	70	95	8	5	-	-	9	9	2500
	The Lizard	1025.1	-4	W	5	of	63	85	3	5	-	-	10	10	800
	Scilly (St. Mary's)	1025.2	-6	W'N	5	c	63	95	7	5	-	-	10	10	2500
	Guernsey	1024.0	-6	WNW	5	ofs	66	85	6	5	-	-	10	10	2500
6	Pembroke	1019.3	-10	W	4	c	62	95	6	8	-	-	9	9	2500
7	Holyhead	1016.4	+2	W	5	bc/pr	67	75	8	5	-	1	4-6	4-6	2500
	Chester (Sealand)	1016.0	0	W'N	5	ir$_0$	65	85	6	5	1	-	9+	10	1500
8	L'pool (Bidston)	1015.3	-4	W'N	6	q	64	85	8	9	2	-	9+	10	1500
	Manchester	1014.4	-2	WNW	6	ir$_0$	63	95	7	6	-	-	10	10	800
9	Harrogate	1012.1	-6	WSW	4	rr	62	95	9	6	-	-	9+	9+	2500
10	Spurn Head	1010.4	-10	WNW	9	q	71	95	7	2	7	-	4-6	7-8	2500
	Catterick	1010.1	-4	W'N	4	c	71	65	8	5	-	-	7-8	7-8	2500
	Tynemouth	1008.3	-10	W	6	bc	69	65	8	3	-	-	4-6	4-6	2500
11	Inchkeith	1006.7	+4	SW	5	c	62	75	8	8	-	-	7-8	7-8	2500
	Leuchars	1005.5	-6	W	4	bc	71	55	9	8	-	-	4-6	4-6	2500
12	Renfrew (Abbotsinch)	1010.6	+14	NW'W	5	c/pr	61	75	8	8	-	-	9	9	1500
	Eskdalemuir	1010.0	+8	W'N	4	ir	62	85	7	9	-	-	9	9	1500
13A	Tiree	1012.0	+12	WNW	5	c/pr	68	85	7	8	7	-	4-6	7-8	1500
13B	Stornoway	1007.0	+16	NW	5	c	59	85	7	8	6	-	4-6	9	1500
15	Dalwhinnie	1007.8	+4	W	4	c	58	85	8	4	1	-	4-6	7-8	2500
	Aberdeen	1005.1	+2	NW	3	pr$_0$	65	75	7	8	-	-	7-8	7-8	1500
	Wick	1004.1	-6	W	2	ir	60	95	8	9	1	-	7-8	9+	1500
16	Lerwick	1002.6	-6	W	4	c	54	95	8	8	1	-	7-8	9	1500
17	Blacksod Point	1021.0	+22	WNW	4	c	62	75	8	5	-	-	7-8	7-8	800
18	Malin Head	1015.1	+14	W	5	cjp	61	85	7	9	-	-	10	10	1500
	Aldergrove	1015.5	+14	WNW	5	pr$_0$	64	65	8	8	-	-	9	9	1500
	Donaghadee	1014.6	+8	NW	5	q	67	65	8	8	3	-	4-6	7-8	2500
19	Birr Castle	1020.2	+4	NW	3	c/pr	67	85	8	3	-	-	9	9	2500
20	Valentia Obsy.	1025.8	+12	NW	5	pr$_0$	61	95	7	5	-	-	9+	9+	800
	Roches Point	1021.5	-4	N	4	bc	69	65	8	3	-	-	4-6	4-6	2500

OBSERVATIONS at 18h. G.M.T. 26th July

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)
London (Kew)	1015.5	+2	WSW	4	c	72	65	8	8	-	-	9	9	2500	1	*
Croydon	1015.9	-4	WSW	4	c	71	75	8	8	-	1	7-8	7-8	2500	0	*
S. Farnborough	1016.1	-4	W'S	4	pr$_0$	70	75	8	8	-	8	9+	9+	2500	0	*
Boscombe Down	1017.3	-8	W'N	5	c	67	85	7	5	2	-	4-6	7-8	1500	0	*
Calshot, S'thmtn	1018.0	-4	WSW	5	c	71	65	8	8	4	4	4-6	7-8	4000	0	2
Dungeness	*	*	SW	5	bc	*	*	6	5	7	*	2-3	4-6	1500	*	4
Lympne	1015.1	-10	SW'W	4	bc	71	75	8	8	3	1	2-3	2-3	2500	1	*
Shoeburyness	1013.9	0	WNW	4	c	75	75	7	5	-	1	4-6	7-8	4000	0	*
Felixstowe	1012.6	-6	NW	5	c	74	65	8	8	-	1	7-8	7-8	2500	0	3
Gorleston	1011.4	-4	W'N	4	c	72	75	6	8	6	-	4-6	7-8	2500	0	2
Cranwell	1013.4	+2	WNW	5	bc	68	65	8	3	-	-	4-6	4-6	2500	1	*
Birmingham	1015.8	+4	WNW	4	bc	68	55	8	8	-	1	4-6	4-6	2500	0	*
Upper Heyford	1016.0	+4	W	5	bc	71	65	9	8	-	1	4-6	4-6	2500	0	*
Ross-on-Wye	1017.0	+4	W	4	pr$_0$	68	65	8	9	-	6	4-6	9	4000	0	
Portland Bill	1018.8	-10	WNW	4	c	65	85	7	5	-	2	4-6	7-8	2500	0	4
Plymouth	1021.1	-6	WNW	5	c	68	85	8	5	-	8	7-8	7-8	1500	0	2
The Lizard	1023.4	-6	WNW	5	c	63	85	7	8	-	-	7-8	7-8	1500	0	3
Scilly (St. Mary's)	1024.4	0	NW'W	5	c	63	85	7	8	-	-	9	9	2500	1	3
Guernsey	1022.0	-12	W'N	6	o	64	95	6	5	-	-	10	10	1500	0	3
Pembroke	1018.3	-6	W	4	bc	64	75	7	4	5	2	2-3	4-6	5700	0	2
Holyhead	1018.0	+10	WNW	6	bc	62	65	8	7	-	6	2-3	2-3	4000	0	3
Chester (Sealand)	1016.7	+6	WNW	5	c	64	65	8	7	3	1	7-8	7-8	2500	1	*
L'pool (Bidston)	1016.3	+4	WNW	6	q	64	65	8	7	-	-	2-3	2-3	4000	0	*
Manchester	1015.0	+8	NW'N	6	bc	64	75	8	2	4	-	4-6	4-6	2500	1	*
Harrogate	1012.7	+6	SW	5	q	63	55	9	8	-	-	1	1	4000	1	*
Spurn Head	1010.4	0	WNW	8	q	68	95	7	?	7	-	2-3	4-6	2500	0	7
Catterick	1011.8	+14	WNW	5	bc	64	45	9	2	-	-	4-6	4-6	4000	0	*
Tynemouth	1009.1	+8	W	6	bc	65	65	7	3	-	-	4-6	4-6	2500	0	3
Inchkeith	1009.7	+20	W	5	c	61	65	8	8	7	-	4-6	7-8	2500	0	3
Leuchars	1008.8	+22	WNW	5	q	64	65	9	8	-	-	2-3	2-3	2500	1	*
Renfrew (Abbotsinch)	1011.6	+6	W	6	q	59	75	8	8	-	-	7-8	7-8	2500	0	*
Eskdalemuir	1012.2	+14	W'N	5	c/pr	56	75	8	8	-	-	9	9	1500	1	*
Tiree	1013.9	+8	W'N	5	bc	58	75	7	8	6	-	4-6	4-6	2500	1	4
Stornoway	1008.2	+6	WNW	5	c	57	75	7	8	6	-	4-6	7-8	1500	1	2
Dalwhinnie	1010.4	+6	NW	4	c	54	75	8	4	2	-	4-6	7-8	2500	1	
Aberdeen	1007.2	+14	WNW	4	bc	60	75	8	8	-	-	2-3	2-3	2500	1	1
Wick	1005.6	+10	WNW	4	c	58	75	8	8	1	-	4-6	7-8	1500	1	2
Lerwick	1001.0	-6	W	4	ir	53	95	7	8	2	-	7-8	9	1500	1	*
Blacksod Point	1022.1	+4	WNW	4	c	59	75	8	5	-	-	10	10	1500	1	3
Malin Head	1016.7	+10	NW'W	5	c	57	85	7	9	-	-	9+	9+	1500	1	2
Aldergrove	1017.4	+16	W'N	4	c/pr	60	75	8	8	-	-	9	9	1500	1	*
Donaghadee	1016.0	+8	NW	5	q	62	65	8	8	3	-	4-6	4-6	2500	0	3
Birr Castle	1021.3	+14	NW	3	c	63	65	8	5	-	-	9+	9+	2500	1	*
Valentia Obsy.	1026.2	+2	WNW	5	c	61	75	8	5	-	-	9+	9+	1500	1	4
Roches Point	1022.5	+6	N	4	bc	65	75	8	3	-	-	4-6	4-6	2500	0	2

PAST 24 HOURS. — WEATHER.

Stations	7h.—13h. 26th. (37)	13h.—18h. 26th. (38)	18h 26th to 1h 27th. (39)	1h.—7h. 27th. (40)
London (Kew)	c	c	cb	bc
Croydon	cbc	cq	bc	bcv.
S. Farnborough	bc	bcyc	bcb	bwbv
Boscombe Down	om$_0$c	pr$_0$cbc	bcb	bbc
Calshot, S'thmtn	bc	cprbc	bc	b
Dungeness	bc	bc	*	bc
Lympne	bc	cbc	bcb, cbc	bc
Shoeburyness	bc	c	bc	bbc
Felixstowe	cbcc	cycprq	c-b	bbc
Gorleston	cpr	cpr$_0$q	cbcbq	bcq
Cranwell	cpr	cbcc	bcb	bbc
Birmingham	c	bc	bc	bcc
Upper Heyford	cq	cPRq	bcq	bc
Ross-on-Wye	bccq	cqbcq	cbcb	bcc
Portland Bill	bc	bcc	bc	bcc
Plymouth	cbcc	cidbc	bcc	bcc
The Lizard	cifpd$_0$	ffec	cbc	bcc
Scilly (St. Mary's)	ffid$_0$	idcbc	c	c
Guernsey	omc	omco	odbcw	bcwc
Pembroke	cfem$_0$c	cbc	bcq	cqc
Holyhead	cpr$_0$q	bcbvq	bccq	cq
Chester (Sealand)	bDcr$_0$	pr$_0$bcv	bcv	cir$_0$
L'pool (Bidston)	dqcir	cqbcb	bcqc	ccqir
Manchester	orrDm	or$_0$c	bccpr$_0$	crmr
Harrogate	cdr	rcbq	b	bccid$_0$
Spurn Head	cq (gale)	bc (gale)	bcq (gale)	bcq
Catterick	d$_0$cbc	cbcy	bcy	cd$_0$bc
Tynemouth	obcq	bcq	bcq	bcp$_0$q
Inchkeith	bccq	cq	c	cpr$_0$
Leuchars	cvd$_0$pr$_0$	prpr$_0$o	bcq pr$_0$	cir$_0$b
Renfrew (Abbotsinch)	cd$_0$cpq	cpr$_0$cq	c cpr$_0$	ccq
Eskdalemuir	cir	cPRpr	bccpr	cpr
Tiree	cpr	cprq	cpr	cpr
Stornoway	cprq	cprq	cpr	cpr
Dalwhinnie	ir	ir	*	ir
Aberdeen	cpr$_0$r	bccPRq	cpr bc	cbc
Wick	ir$_0$ir	circ	circ	cpr$_0$
Lerwick	cir$_0$	cir	circpr	cpr
Blacksod Point	idr	id$_0$	bc	bc
Malin Head	cpr$_0$	cpr$_0$	cpr$_0$	cpr
Aldergrove	oid$_0$r$_0$c	ccrpr	c	oid$_0$q
Donaghadee	ir$_0$cq	cbcq	cq	cq
Birr Castle	d$_0$cpr	c	c	coid$_0$
Valentia Obsy.	ddpr$_0$	coidc	cpr$_0$c	cpr$_0$c
Roches Point	bc	bc	bcc	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$_0$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_0$/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$_0$, 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.

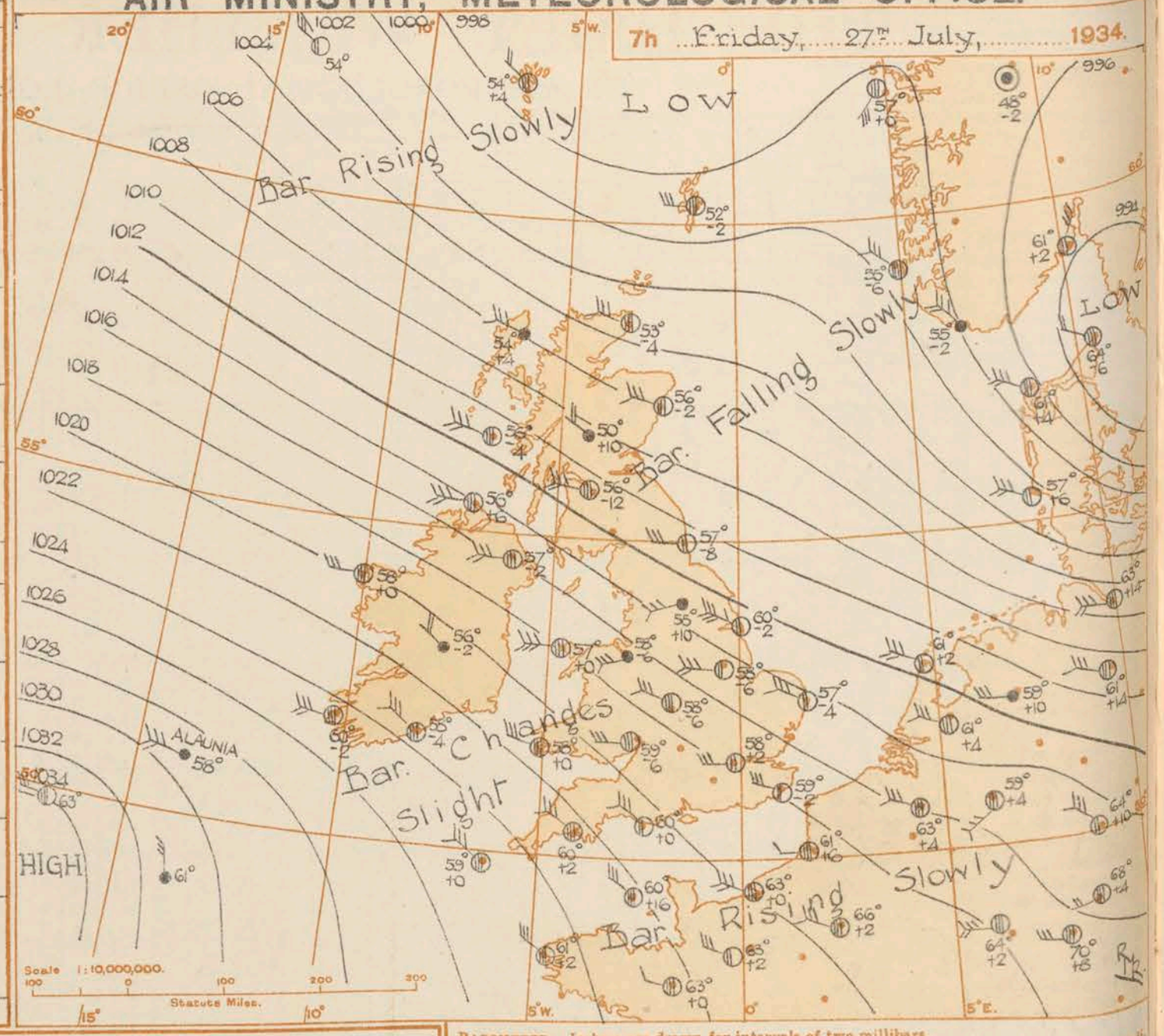
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Thursday 26th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 25th to 9h. 26th.	Temperature. Max. 9h.—17h. 26th.	Rainfall. Night. 17h. 25th to 9h. 26th.	Rainfall. Day. 9h.—17h. 26th.	Sunshine. Sunrise to 17h. 26th.	Sunshine. Sunrise to Sunset. 26th.
1	Tunbridge W.	b	bbc	52	79	—	—	9.8	6.7
	Bournemouth	bc	bcoc	59	75	—	—	6.5	4.7
	Ventnor ...	ocb	bcu	61	71	—	—	8.3	8.6
	Southsea	b	bbcp	60	79	—	Tr	6.7	8.7
	Bognor Regis	cbc	bcepr	66	74	—	Tr	6.3	8.8
	Littlehampton	cbc	bccpc	59	72	—	Tr	6.6	8.2
	Worthing ...	bccbc	bccbc	58	71	—	—	9.1	9.1
	Brighton ...	bc	bc	58	70	—	—	7.2	8.1
	Eastbourne†	bcb	bbcc	60	69	—	—	8.0	8.6
	Hastings† ...	bcb	bbcc	56	73	—	—	8.4	8.3
	Folkestone ...	bc	bc	57	73	—	—	9.9	7.6
	Dover... ...	bc	bc	57	70	—	—	11.0	8.0
	Deal	bcb	bcb	56	78	—	—	9.0	6.0
	Ramsgate ...	b	bbc	59	81	—	—	8.7	7.8
	Margate ...	bc	bc	60	81	—	—	8.0	8.4
2	Southend ...	bc	bcc	58	80	—	—	7.6	6.7
	Maldon ...	cb	bcpc	51	82	—	Tr.	7.1	6.9
	Clacton-on-Sea	cbc	bcpbc	58	82	—	0.3	6.4	7.7
	Dovercourt ...	bcv	bcv	57	81	—	—	5.3	6.0
	Lowestoft ...	bbc	bccd	54	76	0.2	Tr.	3.0	7.7
	Skegness ...	ocb	bcb	53	75	—	—	3.7	4.1
	Mablethorpe	cbc	bcb	52	75	0.3	—	6.5	4.2
	Cleethorpes..	oc	cbc	56	75	1	—	6.7	5.6
3	Leamington S.	c	c	60	76	—	—	5.4	4.8
4	Cheltenham†	bcqp	cpbc	59	75	—	1	5.3	7.9
5	Bath	obcc	cdobc	62	73	—	Tr	3.9	7.2
	Weymouth ..	cb	bcc	62	72	—	—	5.3	3.5
	Jersey ...	c	cd	61	65	—	Tr	0.1	1.7
	Torquay ..	bcb	cq	63	78	—	—	5.5	6.0
	Penzance ...	dccb	cdcb	57	69	Tr	Tr	2.0	4.7
	St. Ives ...	dcdc	c	60	66	Tr	Tr	1.8	3.6
	Buda ...	cm	cbc	61	67	—	—	1.3	5.2
	Ilfracombe ...	cbc	bcc	62	68	—	—	2.8	4.0
6	Aberystwyth	cbcdc	bcc	58	67	—	0.3	1.1	2.0
7	Llandudno ...	ccd	dcbc	62	67	0.3	0.1	3.1	1.9
	Colwyn Bay...	dcdc	cdbcd	62	69	0.3	0.3	3.4	2.1
	Rhyl	cidc	dcbc	61	68	0.4	Tr	3.3	2.6
8	Wallasey ..	orc	cbcb	60	69	—	—	3.5	1.4
	Southport‖	dcb	ocbc	61	69	0.1	—	3.6	1.3
	Blackpool ..	c	c	60	68	1	—	3.8	0.5
	Morecambe ..	cdpc	bcbbc	60	66	4	Tr	4.1	1.2
9	Ilkley... ..	orcro	ocbc	57	68	4	1	3.0	2.5
10	Berwick-on-T.	cbc	cbc	56	69	—	—	7.8	8.8
11	Dunbar ..	bc	bc	55	69	—	—	6.9	10.1
12	Troon	rcc	cbc	58	62	2	1	2.0	5.2
	Douglas ..	cbq	cdbq	59	67	—	Tr	5.6	6.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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.

Districts.	Forecasts for the 24 hours commencing 12 noon, G.M.T. 27th July, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or fresh west-north-west wind; cloudy, bright intervals; cooler than of late.
5. S.W. England 6. South Wales 7. North Wales	Moderate or fresh west-north-west wind, backing somewhat later; cloudy, slight local showers or drizzle; 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.	Moderate or fresh west-north-west wind, strong locally at first; cloudy, bright intervals, some showers; average temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S E. Ireland 20. S W. Ireland	Moderate or fresh west-north-west wind, backing west-south-west, becoming strong locally; cloudy, local drizzle; more general rain later; average temperature.

GENERAL INFERENCE.

Pressure is high to the southwest and low to northeast of the British Isles. A new depression is developing on the Atlantic and will probably move east-south-east over the British Isles. Weather will be rather unsettled in the West and North, but dry for a time in the Southeast.

FURTHER OUTLOOK.

Becoming generally unsettled.

Forecasts issued at 0925 G.M.T.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 27th July 1934.

No. 26,545.

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

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	1018·4	+6	NNW	3	c	61	65	8	7	-	2	4·6	7·8	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1018·7	+4	NNW	3	c	60	75	8	7	8	2	2·3	7·8	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1014·7	+2	W	4	bc	59	65	7	-	-	3	0	2·3	-
	Cromer	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1020·9	+6	NW	3	bc	60	85	7	4	-	-	4·6	4·6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1023·9	0	NW	3	bc	55	85	8	5	3	-	4·6	4·6	2500
	Scilly (St. Mary's)	163	1025·0	+2	NNW	4	c	60	85	8	5	-	-	9+	9+	2500
	Guernsey	175	1022·8	0	NW	3	bc	60	85	8	1	7	-	1	2·3	2500
6	Pembroke	142	1020·6	+6	NW	4	c	53	75	7	-	4	1	0	2·3	-
7	Holyhead	26	1018·9	-4	WNW	5	c	53	85	8	5	-	8	4·6	9	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1014·2	+6	WNW	7	c	57	95	8	-	1	-	0	2·3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1012·4	+12	W	3	bc	56	75	8	2	-	-	2·3	2·3	2500
11	Inchkeith	190	1010·7	-8	WSW	4	c	55	85	8	5	6	-	4·6	7·8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	24	1027·2	-12	W	3	c/pr	52	85	7	8	6	-	4·6	7·8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1024·6	-14	WNW	3	c	52	85	8	8	1	-	7·8	9	1500
16	Lerwick	54	1022·8	-10	WNW	4	c/pr	51	85	7	8	1	-	7·8	9	1500
17	Blacksod Point	18	1020·4	-2	WNW	3	c	57	85	8	7	-	-	10	10	1500
18	Malin Head	52	1015·2	-14	W	5	pr	55	95	7	9	-	-	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1026·3	+6	NW	4	c	57	95	7	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1018·9	0	W'S	3	bc	60	75	8	1	-	6	Tr.	4·6	4000	1	*
	Croydon	1018·9	+2	W	3	bc	58	75	8	-	3	2	0	4·6	-	1	*
	S. Farnborough	1019·0	0	W	3	b	59	86	9	-	-	1	0	1	-	0	*
	Boscombe Down	1019·6	+2	W	3	bc	57	85	7	-	3	8	0	2·3	-	0	*
	Calshot (S'thmtn)	1020·0	+4	WSW	3	bc	60	75	7	7	3	-	Tr.	2·3	2500	0	1
	Dungeness	*	*	NNW	2	bc	*	*	7	5	8	*	2·3	4·6	4000	*	2
	Lympne	1018·9	-2	W'N	3	bc	59	75	8	-	7	2	0	4·6	-	0	*
2	Shoeburyness	1018·0	+4	W	3	c	61	75	7	-	5	4	0	7·8	-	0	*
	Felixstowe	1016·8	+2	W	4	bc	60	65	7	5	-	8	2·3	4·6	7200	0	3
	Gorleston	1014·8	-4	W'N	4	bc	57	85	7	7	-	3	2·3	4·6	2500	0	2
	Cromer	1015·4	-6	W	5	bc	58	75	8	8	3	4	1	2·3	1500	1	*
3	Birmingham	1017·7	-6	WNW	4	c	58	65	8	5	-	-	7·8	7·8	4000	0	*
	Upper Heyford	1018·3	0	W	5	c	58	75	9	5	-	6	2·3	7·8	5700	0	*
4	Ross-on-Wye	1018·9	-6	W'S	3	c	59	65	8	5	-	2	7·8	9	4000	0	*
5	Portland Bill	1020·9	0	NW	4	bc	60	75	7	4	4	-	4·6	4·6	2500	0	3
	Plymouth	1022·5	+2	NW	4	c	60	85	8	5	-	-	9+	9+	1500	0	2
	The Lizard	1023·3	-2	W'N	3	c	59	85	8	8	6	-	7·8	9+	2500	0	2
	Scilly (St. Mary's)	1024·5	0	NW	4	c	59	75	8	5	-	-	9+	9+	2500	1	3
	Guernsey	1022·8	+16	NW	3	c	60	85	7	5	-	-	7·8	7·8	4000	0	2
6	Pembroke	1020·5	0	WNW	3	c	58	75	7	8	-	-	9+	9+	4000	0	2
7	Holyhead	1017·8	0	W	6	c	57	85	7	5	-	-	9+	9+	1500	0	3
	Chester (Sealand)	1016·7	-6	W'S	4	id	58	75	8	5	-	-	10	10	1500	0	*
8	L'pool (Bidston)	1016·1	-4	WNW	6	ir	56	85	8	6	1	-	9	10	1500	1	*
	Manchester	1015·8	-6	WNW	4	c/r	56	85	6	5	7	-	9	9+	800	1	*
9	Harrogate	1013·4	+10	W'S	4	id	55	85	9	6	-	-	9+	9+	2500	1	*
10	Spurn Head	1012·2	-2	WNW	7	c	60	95	7	-	7	-	0	2·3	-	0	5
	Catterick	1012·1	-12	W	2	bc	57	75	8	5	-	-	4·6	4·6	2500	0	*
	Tynemouth	1010·3	-8	W	3	bc/pr	57	85	7	9	-	-	4·6	4·6	1500	0	R3
11	Inchkeith	1008·7	0	W	5	bc	54	85	8	4	4	-	2·3	4·6	4000	0	3
	Leuchars	1007·5	-6	WSW	3	bjp	57	75	8	8	-	-	1	1	1500	1	*
12	Renfrew (Abbotts'D)	1010·5	-2	W'N	5	c	56	75	9	8	-	-	9	9	2500	0	*
	Eskdalemuir	1010·9	-4	W'N	5	c/pr	53	75	9	8	-	-	7·8	7·8	1500	1	
13A	Tiree	1011·5	-4	WNW	5	c	56	85	7	8	-	-	7·8	7·8	2500	1	4
13B	Stornoway	1006·3	+4	WNW	4	pr	54	85	7	8	7	-	7·8	9	1500	1	2
15	Dalwhinnie	1008·8	+10	NW	2	ir	50	85	8	4	2	-	7·8	10	2500	1	*
	Aberdeen	1006·0	-2	W'N	4	c	56	75	8	5	9	-	2·3	7·8	800	1	1
	Wick	1003·5	-4	WNW	4	c/pr	53	85	8	8	1	-	4·6	7·8	1500	1	2
16	Lerwick	999·1	-2	W	3	c/pr	52	95	7	8	7	-	7·8	9	800	1	*
17	Blacksod Point	1020·5	0	WNW	3	c	58	75	8	7	-	-	9+	9+	1500	0	3
18	Malin Head	1014·7	+6	W	5	c/pr	56	85	7	9	-	-	9+	9+	1500	1	4
	Aldergrove	1015·8	-2	W	5	c	57	75	8	8	3	1	7·8	7·8	800	1	*
	Donaghadee	1015·2	-8	NW	4	c	57	75	8	8	3	-	4·6	7·8	2500	0	2
19	Birr Castle	1020·8	-2	NW	2	id	56	85	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.†	1024·9	-2	WNW	5	c	60	75	8	5	-	-	9+	9+	1500	1	4
	Roches Point	1022·6	-4	N	4	c	58	85	8	3	-	-	7·8	7·8	2500	0	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 26th Hrs. (36)
1	London (Kew)	79	57	50	—	-	10·7
	Croydon	79	55	48	—	-	10·5
	S. Farnborough	82	51	37	Tr.	Tr.	7·6
	Boscombe Down	77	50	47	Tr.	-	5·9
	Calshot (S'thmtn)	76	53	49	0·2	-	7·1
	Dungeness	70	53	*	—	-	*
	Lympne	77	53	49	—	-	10·7
2	Shoeburyness	81	54	50	—	-	8·2
	Felixstowe	80	55	53	0·3	-	6·9
	Gorleston	74	53	52	0·6	-	2·9
	Cromer	72	54	51	Tr.	-	3·4
3	Birmingham	73	54	52	—	-	6·8
	Upper Heyford	79	52	45	1	-	*
4	Ross-on-Wye	76	55	49	Tr.	-	7·7
5	Portland Bill	65	57	*	—	-	*
	Plymouth	71	57	55	Tr.	-	6·9
	The Lizard	63	58	*	Tr.	-	*
	Scilly (St. Mary's)	65	58	*	Tr.	-	3·2
	Guernsey	68	59	54	—	Tr.	1·7
6	Pembroke	66	56	*	—	-	4·5
7	Holyhead	67	56	56	Tr.	-	7·1
	Chester (Sealand)	70	57	54	1	Tr.	4·3
8	L'pool (Bidston)	67	55	54	0·2	0·5	6·3
	Manchester	67	55	53 ~~54~~	5	0·4	4·4
9	Harrogate	67	53	48	1	Tr.	6·0
10	Spurn Head	71	56	*	—	-	7·2
	Catterick	71	53	47	Tr.	Tr.	7·0
	Tynemouth	70	55	50	~~0·10~~	Tr.	
11	Inchkeith	64	53	50	—	Tr.	10·1
	Leuchars	72	53	50	0·3	0·1	6·2
12	Renfrew (Abbotts'D)	64	53	49	Tr.	0·3	4·6
	Eskdalemuir	63	50	49	4	1	3·3
13A	Tiree	61	53	50	2	3	3·4
13B	Stornoway	60	52	*	5	3	5·5
15	Dalwhinnie	62	47	46	2	1	3·5
	Aberdeen	66	54	48	6	0·4	3·5
	Wick	62	50	*	2	2	*
16	Lerwick	56	50	*	3	1	0·8
17	Blacksod Point	62	54	*	1	-	*
18	Malin Head	62	53	*	0·4	2	3·7
	Aldergrove	66	53	51	0·1	Tr.	6·1
	Donaghadee	69	54	*	1	-	*
19	Birr Castle	69	54	52	1	Tr.	4·1
20	Valentia Obsy.†	62	57	56	1	Tr.	0·4
	Roches Point	69	57	*	—	-	*

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	c	c	cbbc	79	57	50	-	-	10·7	*	*	8
Croydon	217	cbc	cq	bcy	79	55	48	-	-	10·5	*	*	8
Greenwich (Royal Observatory)	149	c	cy	cbcy	84	56	48	-	-	10·0	55	52	8
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	9·3	*	*	*
Westminster (St. James' Park)	27	*	*	*	81	56	51	-		10·0	56	53	*
‡Regents Pk. (Botanic Gardens)	188	*	*	*	80	55	50	-	-	9·0	54	58	*
Camden Square	110	bcc	c	*	80	56	51	-	-	*	*	56	*
Kensington	80	bc	bc	*	81	56	48	-	-	8·5	At 18h. 66	53	*
Hampstead Observatory	450	bc	bcbcp	bc	79	52	48	Tr.	-	8·4	*	74	*

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
0·3	6h. 27th	<0·1	16h. 26th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 26th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 27th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1019·5	W	5	bc	77	1019·5	WNW	4	c	66	77	63	-	Tr.
Brussels	1014·0	WSW	4	c	70	1013·2	WNW	4	c	63	79	55	-	-
Berlin	1009·8	W	3	pr	72	1006·0	W	6	c	63	75	61	Tr.	3
Zürich	1020·4	W	3	b	72	1017·9	W	5	c	66	77	64	-	-
Rome	1014·2	N	6	b	81	1015·3	NE	2	b	75	*	*	-	-

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.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 28th July 1934.

No. 26,546

OBSERVATIONS at 13h. G.M.T. 27th July

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)	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)	1017.7	-6	W	4	c	67	45	8	2	–	–	9+	9+	4000
	Croydon	1018.1	-6	W	4	c	66	55	8	7	–	–	9	9	4000
	S. Farnborough	1018.1	-10	WNW	4	bc	71	45	9	7	–	8	4-6	4-6	4000
	Boscombe Down	1019.2	-2	WNW	4	c	65	65	8	5	–	–	7-8	7-8	4000
	Calshot, S'thmtn	1019.6	-2	W'N	5	c	66	55	8	7	–	–	7-8	7-8	2500
	Dungeness	*	*	W'S	3	c	*	*	7	8	–	*	9	9	2500
	Lympne	1018.1	+2	NW'W	4	c	67	~~75~~ 45	8	7	3	–	4-6	7-8	2500
2	Shoeburyness	1016.9	-4	WNW	4	c	67	55	8	7	6	–	7-8	9	4000
	Felixstowe	1015.8	-4	W'N	4	bc	67	45	8	7	–	–	4-6	4-6	2500
	Gorleston	1014.3	-4	W'N	5	bc	66	55	7	7	–	–	4-6	4-6	2500
	Cranwell	1015.3	0	W'N	5	bc	64	55	8	8	–	–	4-6	4-6	2500
3	Birmingham	1017.9	0	WNW	4	c	63	55	8	8	–	–	7-8	7-8	2500
	Upper Heyford	1017.7	-6	W'S	5	bc	68	55	9	8	–	1	4-6	4-6	4000
4	Ross-on-Wye	1018.9	+6	WNW	5	bc	66	45	9	4	–	–	4-6	4-6	4000
5	Portland Bill	1020.8	0	W	4	c	62	85	8	4	4	–	7-8	9	2500
	Plymouth	1022.6	~~+4~~ +2	NNW	5	c	65	75	8	7	–	9	9+	9+	2500
	The Lizard	1024.3	+4	WNW	4	c	65	65	8	4	3	–	4-6	7-8	2500
	Scilly (St. Mary's)	1025.5	+10	WNW	4	c	66	75	8	7	–	6	4-6	7-8	4000
	Guernsey	1023.2	+2	NW	5	c	66	65	8	8	–	–	9+	9+	2500
6	Pembroke	1021.5	+2	W	3	bc	61	75	8	7	6	–	2-3	4-6	5700
7	Holyhead	1018.3	+4	W'N	5	q	63	65	8	7	3	–	2-3	2-3	4000
	Chester (Sealand)	1017.7	+6	WNW	6	bc	64	55	8	1	–	–	4-6	4-6	4000
8	L'pool (Bidston)	1017.3	+6	WNW	6	q	61	65	8	8	–	–	4-6	4-6	2500
	Manchester	1016.3	+6	WNW	6	q	63	65	8	8	–	–	7-8	7-8	2500
9	Harrogate	1013.4	0	WSW	5	q	64	55	9	8	–	–	4-6	4-6	4000
10	Spurn Head	1012.2	0	NW	7	q	66	95	7	–	7	–	0	4-6	–
	Catterick	1012.7	+6	NW'W	4	c	65	45	8	7	–	1	7-8	7-8	4000
	Tynemouth	1011.1	+8	W	5	bc	63	65	8	9	–	–	4-6	4-6	1500
11	Inchkeith	1009.6	+2	W	5	pr$_0$	59	75	8	8	–	2	7-8	9+	2500
	Leuchars	1008.5	-2	W	4	q	64	55	9	8	–	8	9	9	2500
12	Renfrew (Abbotts.)	1011.9	+6	W	5	c/pr	59	75	8	8	–	9	9	9+	2500
	Eskdalemuir	1012.2	+8	W'N	4	c/pr	59	65	8	2	4	–	7-8	9	2500
13A	Tiree	1012.8	+2	W'N	5	c/pr	59	75	7	8	6	–	4-6	7-8	2500
13B	Stornoway	1007.2	+4	WNW	7	pr	55	95	8	3	2	3	4-6	9+	~~2500~~ 1500
15	Dalwhinnie	1009.0	0	NW	7	ir$_0$	56	85	8	4	2	–	4-6	10	1500
	Aberdeen	1006.6	0	W	5	bc	63	55	8	8	–	–	4-6	4-6	2500
	Wick	1004.2	+4	WNW	4	c	58	75	8	8	1	–	4-6	7-8	1500
16	Lerwick	1000.2	+4	W'N	4	c	55	85	7	8	7	–	7-8	9+	800
17	Blacksod Point	1020.2	0	WNW	3	bc	63	75	8	7	–	–	4-6	4-6	4000
18	Malin Head	1015.6	+2	W	5	c	59	85	7	8	–	–	9+	9+	1500
	Aldergrove	1016.9	+6	W'N	4	c	60	65	8	5	–	–	9+	9+	2500
	Donaghadee	1017.0	+2	NW	3	c	62	85	8	8	3	–	2-3	7-8	1500
19	Birr Castle	1021.2	0	WNW	3	c	65	55	8	5	–	–	7-8	7-8	2500
20	Valentia Obsy.	1025.8	+2	W	3	o/p	61	95	7	5	–	–	10	10	800
	Roches Point	1023.2	+4	N	4	bc	65	75	8	5	–	4	2-3	2-3	2500

OBSERVATIONS at 18h. G.M.T. 27th July

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)
London (Kew)	1018.0	+2	NW'W	4	c	68	45	8	7	–	–	7-8	7-8	4000	1	*
Croydon	1018.1	+2	WNW	4	c	68	45	8	7	–	–	7-8	7-8	5700	1	*
S. Farnborough	1018.6	+6	WNW	4	bc	65	45	9	4	–	8	4-6	4-6	4000	0	*
Boscombe Down	1019.1	0	NW'W	3	c	65	55	8	5	–	–	7-8	7-8	4000	0	*
Calshot, S'thmtn	1019.5	0	W'N	4	bc	66	55	8	7	–	–	4-6	4-6	4000	0	2
Dungeness	*	*	W'S	4	c	*	*	7	4	–	*	7-8	7-8	4000	*	3
Lympne	1017.8	-2	WNW	3	bc	67	45	8	7	–	–	4-6	4-6	4000	0	*
Shoeburyness	1016.9	+2	WNW	2	c	69	55	8	7	–	–	7-8	7-8	4000	0	*
Felixstowe	1016.3	+4	WNW	4	bc	68	45	8	4	–	–	4-6	4-6	4000	0	2
Gorleston	1014.1	+2	W'N	4	bc	67	55	7	8	–	–	4-6	4-6	2500	0	2
Cranwell	1015.9	+2	W	4	c	62	65	8	8	3	–	4-6	7-8	2500	1	
Birmingham	1018.1	0	W	4	bc	63	55	8	8	6	1	4-6	4-6	2500	0	*
Upper Heyford	1018.2	+4	W'N	5	bc	65	55	9	7	–	–	4-6	4-6	4000	0	*
Ross-on-Wye	1019.1	0	W'N	4	bc	65	45	8	7	–	1	4-6	4-6	4000	0	*
Portland Bill	1020.7	0	WNW	4	bc	64	75	8	4	–	1	4-6	4-6	2500	0	3
Plymouth	1022.5	0	NW'W	5	c	65	75	8	4	–	2	4-6	7-8	4000	0	2
The Lizard	1024.2	-2	W'N	4	bc	63	75	8	7	4	–	2-3	4-6	4000	0	2
Scilly (St. Mary's)	1024.9	-4	WNW	4	c	63	85	7	7	–	6	4-6	7-8	4000	0	3
Guernsey	1021.5	-4	W'N	6	bc	64	75	8	–	7	2	0	4-6	–	0	3
Pembroke	1019.8	-8	W	3	bc	62	75	7	4	4	–	2-3	4-6	4000	0	2
Holyhead	1018.2	-4	W	3	c	64	65	8	5	–	1	4-6	7-8	4000	0	2
Chester (Sealand)	1018.0	-2	WNW	5	c	63	55	8	5	–	–	9	9	4000	0	*
L'pool (Bidston)	1017.6	0	WNW	6	q	61	65	8	8	7	–	2-3	9	2500	0	*
Manchester	1016.7	0	WNW	5	c	62	55	8	8	–	–	9+	9+	2500	1	*
Harrogate	1014.5	+6	SW	5	q	59	65	9	2	–	9	1	2-3	2500	0	*
Spurn Head	1013.3	0	WNW	7	q	64	95	7	2	7	–	2-3	7-8	4000	0	5
Catterick	1013.4	+4	W	2	c	62	55	9	8	–	–	7-8	7-8	2500	0	*
Tynemouth	1011.2	0	WNW	4	bc	61	65	8	9	–	–	4-6	4-6	1500	0	2
Inchkeith	1010.0	+8	SW	4	c	58	75	8	8	4	1	7-8	9+	2500	0	3
Leuchars	1008.7	0	W	4	q	60	65	9	5	5	8	7-8	7-8	2500	0	*
Renfrew (Abbotts.)	1011.7	-2	W	5	c/pr	56	85	8	8	–	9	4-6	7-8	2500	0	*
Eskdalemuir	1012.0	-8	W	5	pr$_0$	55	75	8	8	–	–	9	9	1500	1	*
Tiree	1012.8	-2	W	5	c	57	85	7	5	2	–	7-8	9+	2500	0	4
Stornoway	1007.5	0	WNW	6	c	56	85	7	8	3	–	7-8	10	1500	1	3$_0$
Dalwhinnie	1008.7	+4	NW	7	c	52	85	7	4	1	–	4-6	10	1500	0	
Aberdeen	1006.7	+2	WNW	5	c	61	65	8	7	7	9	7-8	7-8	4000	1	2
Wick	1004.4	+2	WNW	4	c	56	85	8	8	6	–	4-6	9	1500	1	2
Lerwick	1000.6	+4	W	4	pr$_0$	54	85	7	8	7	–	7-8	9	800	1	*
Blacksod Point	1019.3	-6	W	3	id$_0$	61	95	7	5	–	–	10	10	450	0	3
Malin Head	1015.2	-10	W	5	c	58	85	7	9	–	–	10	10	1500	1	4
Aldergrove	1016.3	-10	W	5	c	60	65	8	5	3	1	7-8	7-8	4000	1	*
Donaghadee	1016.4	-2	W	3	bc	62	65	8	8	3	–	2-3	4-6	1500	0	2
Birr Castle	1020.7	-4	WNW	3	o	61	85	8	5	–	–	10	10	1500	0	*
Valentia Obsy.	1024.7	-10	W'N	4	id$_0$	61	95	5	5	–	–	10	10	220	1	4
Roches Point	1022.4	-4	N	4	bc	66	75	8	3	–	–	4-6	4-6	2500	0	3

PAST 24 HOURS. WEATHER.

Stations	7h.–13h. 27th (37)	13h.–18h. 27th (38)	18h. 27th to 1h. 28th (39)	1h.–7h. 28th (40)
London (Kew)	bccy	cy	bcb	bcc
Croydon	bcvcvy	cbcvy	bcyb	cbcc
S. Farnborough	bvcbcy	bcyv	bcyvbc	bcc
Boscombe Down	cbc	bcy	bcyc	c
Calshot, S'thmtn	cybcy	bcy	bcybc	c
Dungeness	bc	bc		c
Lympne	bccy	cbcy	bcycb	b-c
Shoeburyness	bcc	cy	cbcb	bbcc
Felixstowe	bccy	bcy	bcy	bccr$_0$
Gorleston	bccy	bcq	bccbc	bccr$_0$
Cranwell	pr$_0$bc	cybc	c	id$_0$c
Birmingham	c	cbc	bcb	b-c
Upper Heyford	cvqbc	bcvqy	bcb	bcc
Ross-on-Wye	cbcy	bcy	bccb	bcc
Portland Bill	c	cbc	bcc	c
Plymouth	cpr$_0$	cbc	cbcc	c
The Lizard	cbcc	cbc	bcfsd	fdc
Scilly (St. Mary's)	c	c	oifsid	d$_0$ifc
Guernsey	cbcc	cbc	bcw	comd
Pembroke	cqidbc	bc	c	c
Holyhead	cqbcq	bcqc	bcc	cpr$_0$q
Chester (Sealand)	idbcv	bcvqc	cbcc	cRir$_0$
L'pool (Bidston)	p$_0$bcq	bcqc	cq	rrqid
Manchester	cd$_0$prq	c	cybcc	orrdd
Harrogate	cbcq	cbq	bbcq	irq
Spurn Head	bcq	bccq	qc	cpr
Catterick	pr$_0$bcy	bcycq	bcyc	cvr$_0$c
Tynemouth	bcq	bcq	bcoq	oir$_0$
Inchkeith	bccq	cprq	cq	cir$_0$
Leuchars	cqv	cyqv	cqvc	corrr$_0$
Renfrew (Abbotts.)	cpr$_0$q	cqcpr	cor$_0$	or$_0$r$_0$o
Eskdalemuir	pr$_0$q	cprpr$_0$	cprc	corr
Tiree	cprq	cpr$_0$q	or$_0$ir	oirc
Stornoway	cprq	cpr$_0$q	cpr	crrm$_0$
Dalwhinnie	ir	c		ir
Aberdeen	bcypr$_0$	cbccy	c	corr3$_0$
Wick	cpr$_0$c	cpr$_0$c	cpr$_0$c	cid$_0$
Lerwick	cpr$_0$	cpr$_0$	cpr$_0$	cid
Blacksod Point	bc	id$_0$	iD	iD
Malin Head	cpr	cpr$_0$	cidr$_3$	cpr
Aldergrove	bccpr$_0$q	cpr$_0$bcq	bcqorr	cpridpr$_0$
Donaghadee	cpr$_0$c	cbc	bcpr$_0$	pr$_0$bc
Birr Castle	od$_0$cy	cO	o	ocpr
Valentia Obsy.	c	coid$_0$	id$_0$r$_0$	cir$_0$c
Roches Point	cbc	bc	bcc	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$_0$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_0$/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$_0$, 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.

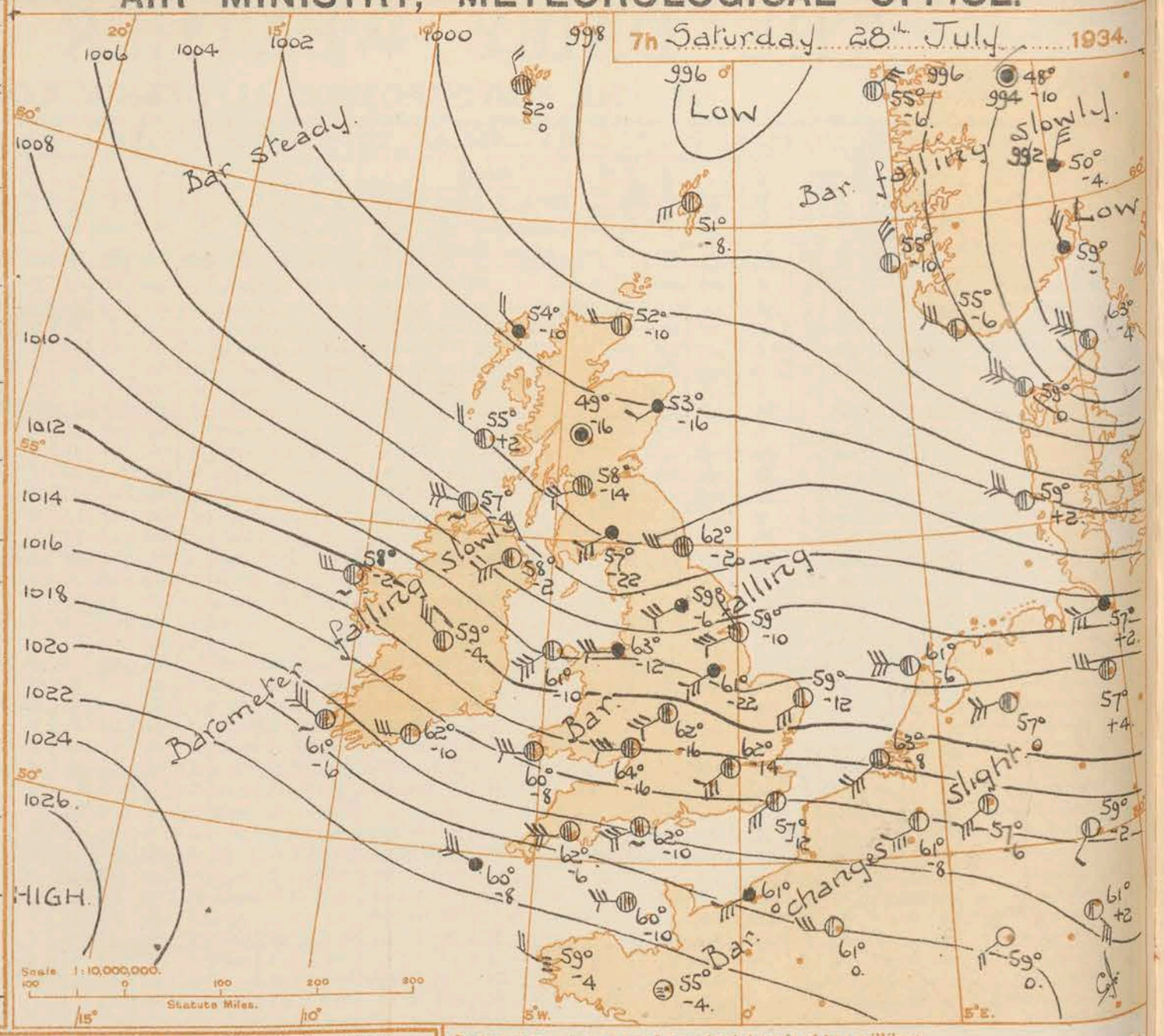
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Friday 27th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 26th to 9h. 27th	Temperature. Max. 9h.—17h. 27th	Rainfall. Night. 17h. 26th to 9h. 27th	Rainfall. Day. 9h.—17h. 27th	Sunshine. Sunrise to 17h. 27th	Sunshine. Sunrise to Sunset. 26th
1	Tunbridge W.	b	bcc	49	70	—	—	10.2	11.4
	Bournemouth	coc	bc	54	72	—	—	8.8	7.8
	Ventnor ...	bcb	bbc	55	70	—	—	10.0	8.7
	Southsea ...	bbc	bbc	57	72	Tr	—	10.1	7.3
	Bognor Regis	bc	bcc	54	74	—	—	10.1	7.1
	Littlehampton	cbc	bc	53	73	—	—	8.2	7.4
	Worthing ...	bc	bc	55	72	—	—	9.5	10.2
	Brighton ...	c	bc	56	73	—	—	9.8	8.0
	Eastbourne†	cybc	bcy	56	69	—	—	11.0	8.4
	Hastings† ...	cbcbc	bcbbc	54	70	—	—	10.0	9.9
	Folkestone ...	bc	bc	53	71	—	—	9.7	11.5
	Dover... ...	bc	cbcc	57	70	—	—	6.1	12.9
	Deal	bbcc	bcc	56	71	—	—	7.1	10.0
	Ramsgate ...	bcc	c	58	70	—	—	6.5	9.8
	Margate ...	bc	bc	60	70	Tr	—	7.5	9.5
2	Southend ...	bc	bc	55	71	—	—	7.3	8.6
	Maldon ...	bbc	bcb	53	71	—	—	8.1	7.9
	Clacton-on-Sea	bcy	bcy	55	71	—	—	6.0	7.7
	Dovercourt ...	bcv	bcv	55	70	—	—	8.6	6.7
	Lowestoft ...	bc	c	52	71	—	—	8.5	4.5
	Skegness ...	bc	bc	57	69	—	—	9.2	5.4
	Mablethorpe	cpo	c	51	69	—	Tr	7.4	8.1
	Cleethorpes ...	c	c	53	70	—	—	9.3	9.3
3	Leamington S.	c	c	53	69	—	—	6.3	5.7
4	Cheltenham†	cbc	bbc	54	67	—	—	6.7	6.7
5	Bath	cbcb	bbc	53	70	—	—	7.0	5.6
	Weymouth ...	bccb	by	57	72	—	—	6.8	6.2
	Jersey ...	cbc	bc	60	67	—	—	5.5	0.1
	Torquay ...	cgcbc	bcvy	57	70	—	—	5.0	7.6
	Penzance ...	cbc	b	59	69	—	—	4.9	3.3
	St. Ives ...	c	c	59	66	—	—	2.1	3.0
	Bude	c	bc	59	67	—	—	3.7	3.4
	Ilfracombe ...	oc	bcb	59	66	—	—	4.2	3.4
6	Aberystwyth	c	bcc	58	65	—	—	1.4	2.3
7	Llandudno ...	bc	bcc	57	65	Tr	—	5.9	5.4
	Colwyn Bay...	obc	bcc	56	67	—	—	6.1	5.7
	Rhyl	dcbc	bcc	56	65	0.4	—	5.5	5.7
8	Wallasey ...	cbc	bc	56	66	—	—	4.2	6.2
	Southport‖ ...	cbc	bbc	56	66	0.4	—	7.8	5.0
	Blackpool ...	c	c	57	65	0.1	—	5.5	4.9
	Morecambe ...	bcc	bcbbc	56	64	1	—	6.5	5.0
9	Ilkley... ...	bc	bc	54	66	—	—	8.0	5.4
10	Berwick-on-T.	bc	bc	53	65	—	—	10.7	8.9
11	Dunbar ...	bc	bc	53	64	—	—	9.7	7.9
12	Troon...	bcc	cb	55	61	1	0.3	5.2	4.2
	Douglas ...	cbqir	cb	54	62	—	0.5	3.1	7.1

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



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. Thunder. Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th July, 1934.

Districts.	Forecasts
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate or fresh west to west-northwest wind, strong at times locally; cloudy, occasional showers, mainly slight; bright intervals; average temperture.
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 or fresh west to northwest wind, strong at times locally; cloudy, occasional rain or showers, probably bright intervals; average temperature.
13. A. W. Scotld. B. N W. Scotland. 14. Mid-Scotland 15. N E Scotland 16 Orkneys and Shetlands.	Moderate or light west or northwest wind, cloudy, occasional rain or showers, bright intervals locally; rather cool.
17. N W. Ireland 18. N.E. Ireland 19. S E. Ireland 20. S W. Ireland	As 7 - 13A.

GENERAL INFERENCE.

Pressure is high north of the Azores and low over Scandinavia. A secondary depression over South Scotland is moving quickly east-southeast and deepening and other secondaries will follow. Weather will be rather unsettled but rainfall will be slight in the South.

FURTHER OUTLOOK.

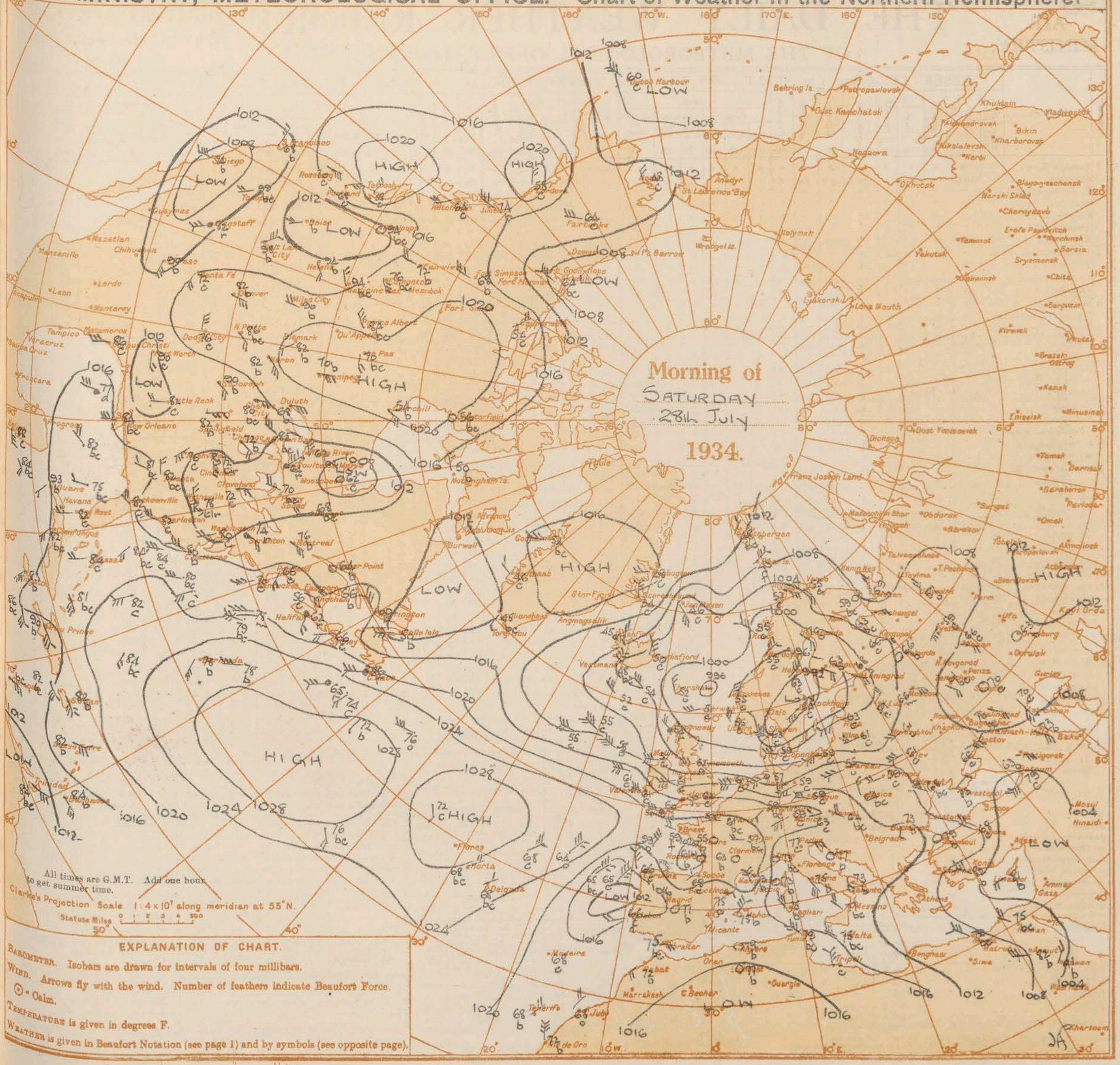
Rather unsettled generally, but little rain in the South.

Forecasts issued at 0940 G.M.T.

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

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 28th July 1934.

No. 26.546.

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

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	1018.4	-6	WSW	4	b	57	85	8	-	-	1	0	Tr.	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1018.9	-2	W	3	b	55	75	8	-	-	1	0	Tr.	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1014.8	-8	SWW	3	bc	59	65	7	-	4	-	0	2-3	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1019.8	-10	W	4	c	61	85	7	5	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1023.7	-4	W	3	df	59	95	3	5	-	-	10	10	450
	Scilly (St. Mary's)	163	1024.0	-6	WNW	5	d	60	95	6	5	-	-	10	10	1500
	Guernsey	175	1022.3	-8	NW	2	bc	59	95	8	-	7	-	0	2-3	-
6	Pembroke	142	1019.2	-2	W	3	c	61	95	7	8	-	-	9+	9+	2500
7	Holyhead	26	1015.2	-20	WSW	4	c	61	85	8	5	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1011.9	-2	W	4	c	58	95	7	5	2	-	7-8	9	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1011.0	+4	W	3	ic	57	85	7	6	-	-	10	10	1500
11	Inchkeith	190	1008.9	-8	SW	3	c	55	85	8	5	-	-	9+	9+	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1004.8	?	WNW	3	c/pr	53	95	6	8	2	-	7-8	10	800
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1003.9	-10	W	3	c	52	95	8	8	1	-	7-8	9	1500
16	Lerwick	54	1000.4	-4	WSW	3	c	52	95	7	8	2	-	7-8	10	800
17	Blacksod Point	18	1014.4	-22	W	4	id	60	95	7	6	-	-	10	10	450
18	Malin Head	52	1009.1	-38	W	4	c/d	59	95	7	6	-	-	10	10	450
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1021.7	-14	WSW	5	DD	60	95	4	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1014.5	-14	SW	3	c	63	85	8	5	-	-	9+	9+	2500	0	*
	Croydon	1015.4	-14	WSW	4	c	62	85	7	5	-	-	9+	9+	1500	0	*
	S. Farnborough	1014.7	-14	W'S	3	c	63	85	7	5	3	2	4-6	9	1500	0	*
	Boscombe Down	1015.6	-10	WSW	4	c	63	85	8	5	-	-	9+	9+	800	0	*
	Calshot (S'thmtn)	1016.8	-16	SW'W	4	c	66	75	8	7	-	-	7-8	7-8	2500	0	1
	Dungeness	*	*	SW	4	c	*	*	7	8	-	*	9+	9+	2500	*	2
	Lympne	1016.1	-12	WSW	3	c	57	95	8	5	-	-	9+	9+	4000	0	*
2	Shoeburyness	1014.2	-16	W'S	4	c	63	85	7	5	7	-	4-6	9+	4000	0	*
	Felixstowe	1013.5	-14	WSW	4	c/r.	59	85	7	5	7	1	4-6	9	1500	0	2
	Gorleston	1011.4	-12	SW	3	c/r.	59	85	6	7	-	-	7-8	7-8	2500	0	2
	Cranwell	1009.8	-22	WSW	4	pr	61	85	7	5	-	-	10	10	800	1	*
3	Birmingham	1012.2	-16	WSW	4	c	62	85	8	5	-	-	9+	9+	1500	0	*
	Upper Heyford	1013.3	-16	W'S	4	c	64	85	8	6	7	8	2-3	9	1500	0	*
4	Ross-on-Wye	1013.8	-16	W	4	c	64	75	8	5	-	6	2-3	7-8	2500	0	*
5	Portland Bill	1017.0	-10	WSW	5	c	62	85	7	4	4	1	7-8	9+	2500	0	4
	Plymouth	1019.4	-6	W	5	c	62	95	7	5	2	-	9+	10	800	0	2
	The Lizard	1020.7	-8	W	5	c	60	95	8	4	1	-	9	10	1500	0	2
	Scilly (St. Mary's)	1021.4	-8	W'N	5	id.	60	95	8	5	-	-	10	10	4000	0	3
	Guernsey	1020.9	-10	W	4	fs	60	95	4	5	-	-	10	10	800	1	3
6	Pembroke	1015.2	-8	W	4	c	60	95	7	5	-	-	9+	9+	4000	0	3
7	Holyhead	1010.7	-10	W'S	6	c/pr.	61	85	8	5	3	8	2-3	9+	1500	0	3
	Chester (Sealand)	1010.8	-12	W	4	ir.	63	85	6	5	-	1	9	9	1500	1	*
8	L'pool (Bidston)	1009.5	-12	W	6	id	61	95	8	9	-	-	9+	9+	1500	1	*
	Manchester	1010.0	-14	W'N	5	ir	61	95	5	6	-	-	10	10	450	1	*
9	Harrogate	1007.9	-6	WSW	4	ir.	59	95	8	6	-	-	10	10	2500	1	*
10	Spurn Head	1008.4	-10	WSW	4	c	59	95	6	5	7	-	4-6	9	1500	1	3
	Catterick	1005.6	-20	WSW	4	c	62	85	9	5	3	-	7-8	9+	1500	0	*
	Tynemouth	1004.2	-20	W	3	o	62	85	7	6	-	-	10	10	1500	1	2
11	Inchkeith	1002.9	-14	WSW	4	ir.	55	95	7	8	-	-	10	10	1500	1	2
	Leuchars	1002.2	-26	-	0	rr	53	95	6	6	-	-	10	10	220	1	*
12	Renfrew (Abbotts L)	1003.1	-14	W'S	4	o	58	95	8	6	-	-	10	10	1500	1	*
	Eskdalemuir	1003.8	-22	W'S	4	r.r.	57	95	6	6	2	-	7-8	10	800	1	*
13A	Tiree	1003.5	+2	WNW	2	c/r	55	95	7	5	2	-	7-8	9+	2500	1	3
13B	Stornoway	1002.0	-10	NW	2	rr	54	95	7	5	2	-	7-8	10	800	1	1
15	Dalwhinnie	1003.1	-16	-	0	rr	49	95	7	4	-	-	10	10	1500	1	*
	Aberdeen	1002.0	-16	SW	1	rr	53	95	6	6	-	-	10	10	4000	1	1
	Wick	1000.7	-10	W	2	c/d.	52	95	8	8	1	-	7-8	9+	1500	1	2
16	Lerwick	997.5	-8	WSW	3	c/d	51	95	7	5	2	-	4-6	10	1500	1	*
17	Blacksod Point	1013.2	-2	W	3	c	58	75	7	4	-	-	10	10	1500	1	4
18	Malin Head	1006.2	-4	W	5	u	57	95	7	6	-	-	9+	9+	1500	1	4
	Aldergrove	1008.6	-2	W'S	4	c/pr.	58	85	8	9	4	-	9	9+	800	1	*
	Donaghadee	1007.7	-8	W	3	bc	59	85	8	5	3	-	4-6	4-6	1500	0	2
19	Birr Castle	1014.4	-4	NW	3	c	59	75	8	8	-	-	9+	9+	2500	1	*
20	Valentia Obsy.†	1019.2	-6	WNW	5	c	61	85	8	5	-	-	9+	9+	1500	1	4
	Roches Point	1017.7	-10	W	3	bc	62	85	8	3	-	4	2-3	4-6	2500	0	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 27th hrs. (36)
1	London (Kew)	70	56	50	—	-	9.0
	Croydon	70	57	53	—	-	8.6
	S. Farnborough	73	53	41	—	-	10.5
	Boscombe Down	68	53	50	—	-	10.5
	Calshot (S'thmtn)	69	57	54	—	-	10.6
	Dungeness	73	55	*	—	-	*
	Lympne	69	53	49	—	-	9.4
2	Shoeburyness	71	57	53	—	-	7.0
	Felixstowe	69	55	53	—	Tr.	8.9
	Gorleston	69	55	53	—	Tr.	10.9
	Cranwell	65	54	50	Tr.	Tr.	5.4
3	Birmingham	65	57	55	—	-	5.6
	Upper Heyford	70	51	44	—	-	*
4	Ross-on-Wye	69	58	53	—	-	10.0
5	Portland Bill	67	60	*	—	-	*
	Plymouth	66	60	58	Tr.	-	5.2
	The Lizard	67	58	*	—	Tr.	*
	Scilly (St. Mary's)	67	59	*	—	Tr.	6.1
	Guernsey	67	58	55	—	0.1	7.2
6	Pembroke	65	59	*	Tr.	-	7.8
7	Holyhead	65	59	58	—	Tr.	9.8
	Chester (Sealand)	66	57	48	Tr.	2	5.3
8	L'pool (Bidston)	63	60	58	Tr.	0.6	4.7
	Manchester	65	57	53	0.1	5	2.6
9	Harrogate	65	56	54	—	1	8.2
10	Spurn Head	68	56	*	—	1	9.8
	Catterick	66	57	54	Tr.	Tr.	9.1
	Tynemouth	65	56	53	—	1	*
11	Inchkeith	60	53	52	Tr.	Tr.	7.6
	Leuchars	65	52	51	—	2	5.7
12	Renfrew (Abbotts L)	62	53	53	0.1	1	4.9
	Eskdalemuir	61	52	50	1	3	5.4
13A	Tiree	60	54	54	Tr.	3	4.7
13B	Stornoway	59	51	*	2	5	3.3
15	Dalwhinnie	59	41		1	6	7.3
	Aberdeen	65	53	51	Tr.	3	8.1
	Wick	60	50	*	0.1	0.2	*
16	Lerwick	57	51	*	0.4	1	1.2
17	Blacksod Point	63	56	*	—	2	*
18	Malin Head	59	56	*	1	4	0.3
	Aldergrove	64	56	55	Tr.	2	6.1
	Donaghadee	65	57	*	Tr.	3	*
19	Birr Castle	67	59	55	Tr.	1	5.5
20	Valentia Obsy.†	63	60	58	Tr.	0.5	1.2
	Roches Point	68	59	*	—	-	*

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	bccy	cy	bcbbcc	70	56	50	-	-	9.0	*	*	8
Croydon	217	bcvcvy	cbcvy	bcybcc	70	57	53	-	-	8.6	*	*	7
Greenwich (Royal Observatory)	149	cy	cy.	cbyc	74	56	49	-	-	8.3	36	67	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7.5	*	*	*
Westminster (St. James Park)	27	*	*	*	73	57	51	-	-	8.0	37	69	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	72	56	53	-	-	8.8	45	75	*
Camden Square	110	c	cbc	*	72	57	52	-	-	*	*	69	*
Kensington	80	bc	bc	*	72	57	49	-	-	8.7	At 18h. 43	71	*
Hampstead Observatory	450	bc	bc	c	71	53	50	-	-	8.6	*	82	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 28th

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

Kew Observatory Max.	Time.	Min.	Time.
0.2	10h. 27th	<0.1	1-7h. 28th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 27th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	7h. G.M.T. 28th July Barom. mb.	Wind Direc.	Wind Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
Paris	1019.8	WNW	6	bc	68	1019.9	W	3	bc3	61	73	54	-	-
Brussels	1018.4	W	4	bc	66	1014.7	WSW	4	bc	61	68	54	2	-
Berlin	1008.5	W	4	c/tr.	59	1008.7	WSW	5	c	59	70	54	5	-
Zurich	1017.2	WNW	3	bc	70	1018.6	WNW	1	bc	61	75	57	2	-
Rome	1013.1	WNW	3	b	75	1012.7	SE	3	b	75	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1½ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

† The observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h

CTION
........1934.

OURS.

RAINFALL. Night 18h-7h mm. (35)	SUNSHINE 27th. Hrs. (36)
-	9.0
-	8.6
-	10.5
-	10.5
-	10.6
-	*
-	9.4
-	7.0
Tr.	8.9
Tr.	10.9
Tr.	5.4
-	5.6
-	*
-	10.0
-	*
-	5.2
Tr.	*
Tr.	6.1
0.1	7.2
-	7.8
Tr.	9.8
2	5.3
0.6	4.7
5	2.6
1	8.2
1	9.8
Tr.	9.1
1	*
Tr.	7.6
2	5.7
1	4.9
3	5.4
3	4.7
5	3.3
6	7.3
3	8.1
0.2	*
1	1.2
2	*
4	0.3
2	6.1
3	*
1	5.5
0.5	1.2
-	*

etc.

Code for ...ity.
...visible at ... yards.
... miles.
...d 31m.
...de for ...
...rough.
...high.
...itous.
...sed.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 29th. July 1934.
No. 26.547.

OBSERVATIONS at 13h. G.M.T. 28th. July — OBSERVATIONS at 18h. G.M.T. 28th. July — PAST 24 HOURS.

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)	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)	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Cloud Amount Low 0-10 (26)	Cloud Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.-13h. 28th. (37)	Weather 13h.-18h. 28th. (38)	Weather 18h. 28th. to 1h. 29th. (39)	Weather 1h.-7h. 29th. (40)
1	London (Kew)	1011.1	-16	WSW	5	c	72	45	8	1	–	2	7-8	7-8	2500	1011.8	+6	WNW	4	c	69	45	8	8	–	2	4-6	7-8	2500	0	•	cy	cy	cb	pcr₀c
	Croydon	1013.0	-14	WSW	5	c	70	55	9	8	3	2	7-8	9	4000	1011.8	+2	NWW	5	c	69	55	9	7	3	1	7-8	7-8	4000	0	•	bccy	cybcy	cybcb	bcd dr₀m
	S. Farnborough	1012.1	-18	W'N	6	bc	75	55	9	1	–	2	4-6	4-6	2500	1012.2	+6	W'N	5	cjp	69	65	8	8	–	2	9	9+	4000	0	•	cbcv	vbcyc	cjpbc	beccd₀
	Boscombe Down	1013.4	-12	W'N	6	c	69	65	8	7	–	8	7-8	7-8	1500	1013.2	+2	W'N	5	bc	67	65	7	7	–	4	4-6	4-6	2500	0	•	cbc	bc	bcc	cr₀r₀
	Calshot, S'thmtn	1014.0	-16	SSW	6	bc	71	65	8	8	–	6	4-6	4-6	2500	1013.5	+2	W'N	6	bc	70	45	8	1	–	5	1	2-3	4000	0	3	cqbcq	bcqy	bcqybc	bccid₀
	Dungeness	*	*				*	*				*				*	*	SW	5	c	*	*	6	8	7	*	4-6	7-8	1500	*	4		o		d
	Lympne	1012.5	-20	WSW	5	c	69	75	8	5	1	–	7-8	7-8	1500	1011.5	-6	WSW	4	c	67	75	8	5	1	1	4-6	7-8	2500	0		c	cbc	bcr₀cb	bcrfd
2	Shoeburyness	1010.3	-20	WSW	5	c	73	75	7	8	8	–	7-8	7-8	4000	1010.5	+10	WNW	5	bc	70	65	8	7	8	–	4-6	9+	4000	0	•	c	c	bc	c
	Felixstowe	1009.1	-22	W	5	c	72	55	8	5	7	8	7-8	9+	2500	1010.2	+16	W'N	6	q	68	55	8	8	3	1	7-8	7-8	4000	0	3	c	cybcyq	cyqbc	bcc
	Gorleston	1006.5	-24	WSW	5	pr₀	69	65	6	8	–	–	9+	9+	2500	1008.1	+8	W	5	c/pr	67	65	7	8	3	–	4-6	9	2500	0	3	cpr₀q	cpr₀q	bccq	c
	Cranwell	1009.0	+4	WSW	5	q	64	65	8	8	2	–	9	10	1500	1009.0	-2	W'N	4	c	63	65	8	8	7	–	4-6	7-8	2500	1	•	c	cpr₀c	c	cpr₀
3	Birmingham	1011.1	0	W	5	c	63	55	8	5	–	–	9+	9+	2500	1011.2	0	W	7	c	63	65	8	5	–	–	9+	9+	2500	0	•	c	cpr₀	c	cpr₀
	Upper Heyford	1011.2	-8	W	7	q	73	55	8	8	–	6	4-6	4-6	2500	1012.1	-2	W	6	q	65	75	9	5	–	–	9	9	2500	0	•	cbcqy	cqy	cq	c
4	Ross-on-Wye	1012.3	-6	W	6	q	69	55	8	7	–	1	4-6	7-8	4000	1012.7	0	W	4	q	66	55	8	5	–	–	9	9	4000	0	•	cqbcqy	cqy	ccb	bcc
5	Portland Bill	1014.9	-12	WSW	5	c	~~69~~ 65	75	7	4	4	1	4-6	7-8	2500	1014.4	-6	WNW	5	bc	65	85	8	4	4	–	1	4-6	2500	0	4	c	cbc	bcc	c
	Plymouth	1017.5	-10	W'S	5	c/pr	67	85	8	8	–	1	7-8	7-8	4000	1016.7	-2	W	5	c	67	75	8	7	4	–	4-6	7-8	2500	0	2	cpr₀	cbc	bccd₀m₀	cd₀od₀m₀
	The Lizard	1019.2	-4	W'S	5	c	63	85	7	8	–	–	10	10	2500	1018.2	-6	W'S	5	c	63	95	7	8	–	–	9+	9+	2500	0	3	cpd₀c	c	coffc	ffcf₀
	Scilly (St. Mary's)	1020.2	-4	W	5	c	64	85	7	5	–	–	9	9	2500	1018.9	-6	W	5	c	63	95	7	5	–	–	9+	9+	2500	0	3	idc	omidc	cod₀c	cid₀
	Guernsey	1020.1	-8	W'N	5	o	66	75	7	5	–	–	10	10	2500	1017.9	-8	W'N	6	c	63	95	6	8	–	–	7-8	7-8	1500	0	4	oid₀c	ocbcc	co	o
6	Pembroke	1014.2	0	WNW	3	bc	64	75	7	4	5	2	2-3	4-6	5700	1013.0	-6	W	4	bc	62	85	7	5	4	–	2-3	2-3	5700	0	3	cbc	bc	cqpc idc cqc	cid₀fc
7	Holyhead	1011.2	+2	W'N	6	cjp	63	75	8	5	4	8	7-8	9	4000	1010.6	-6	W	5	c	61	75	8	5	4	6	2-3	9	5700	0	2	cqpr₀	cq		c
	Chester (Sealand)	1010.0	-6	W'N	6	pr₀	63	65	7	9	–	–	9+	9+	1500	1010.5	+6	W'N	5	c	65	65	8	8	–	–	9	9	1500	0	•	cqpr₀	cqyv	d₀c	c
8	L'pool (Bidston)	1009.8	+2	WNW	7	q	61	75	8	9	3	–	4-6	9	2500	1010.0	0	WNW	6	q	62	75	8	8	4	–	4-6	4-6	4000	0	•	cqdcq	qcbcq	qbcc	cbcc
	Manchester	1008.6 ~~[illegible]~~	0	WNW	7	c/pr	63	75	8	8	2	–	7-8	9+	1500	1009.3	+2	WNW	5	c	63	75	8	8	7	–	4-6	9+	2500	1	•	orcpr	c	cr	crc
9	Harrogate	1006.9	0	SW	5	ir₀	58	85	9	6	–	–	9+	9+	2500	1006.9	+6	SW	5	q	60	85	9	9	4	9	2-3	2-3	2500	1	•	cqp	cbqp₀	bc	bccid₀
10	Spurn Head	1004.9	-6	WNW	7	q	63	95	7	3	2	–	7-8	10	2500	1006.2	+2	WNW	7	q	64	95	7	4	7	1	2-3	4-6	2500	0	6	cq	bcq	qc	bc
	Catterick	1005.0	+4	W'N	5	c	65	55	9	5	3	–	4-6	7-8	2500	1006.2	+6	NW'W	5	c	63	65	9	5	7	1	4-6	7-8	2500	0	•	cbcy	bcyc	cbc	cu
	Tynemouth	1002.5	-8	W	5	bc	63	75	8	9	–	–	4-6	4-6	1500	1004.7	+20	WNW	2	c	57	95	8	9	–	–	7-8	7-8	1500	0	1	opbcq	bcqc	cbc	bcc
11	Inchkeith	1002.9	0	SW	1	c	56	95	7	9	7	–	7-8	9+	1500	1003.8	+4	SW	5	bc	59	75	8	8	6	1	4-6	4-6	2500	1	3	ciRf	~~[illegible]~~ cbr	c	bc
	Leuchars	1002.4	+4	NW	3	c/r	62	75	8	8	7	–	7-8	9+	4000	1003.8	+12	WNW	4	q	63	55	9	8	–	8	4-6	4-6	4000	1	•	rrmir₀	bcjpy	bccwu	cwu
12	Renfrew (Abbotts I.)	1004.2	+8	W'N	5	c	60	65	9	8	6	–	4-6	9	2500	1006.6	+10	W	4	pr	56	85	8	4	–	1	9	9	2500	1	•	od₀rbc	bccpr	cpr₀c	cir₀d₀
	Eskdalemuir	1003.8	+2	W	4	ir₀	59	75	8	6	–	–	9+	9+	1500	1006.3	+14	W'S	3	c	58	75	9	8	–	6	7-8	9	1500	1	•	cir₀	ir₀cv	cucw	cwcm₀
13a	Tiree	1006.4	+8	WNW	3	c	59	85	8	7	7	–	4-6	7-8	2500	1007.0	0	W'N	4	c/pr	56	95	8	8	7	–	4-6	7-8	2500	1	3	cir₀c	cpr₀	cpr₀	c
13a	Stornoway	1003.4	+12	NW	3	c	57	75	8	8	7	–	9	10	1500	1004.3	+4	NW	3	c	56	85	8	8	7	9	4-6	9	2500	1	2	cpr₀	cprc	cpbc	cpr₀
15	Dalwhinnie	1003.3	+4	N	4	c	58	65	7	4	1	–	4-6	10	2500	1004.8	+12	NW	3	c	54	85	8	9	1	–	7-8	10	800	0		ir	irbc	•	ir
	Aberdeen	1001.6	+4	WNW	4	pr₀	60	75	8	8	–	–	7-8	7-8	2500	1003.2	+12	WNW	3	c/pr	59	75	8	8	–	–	7-8	7-8	2500	1	1	cpr₀	cpr₀	pr₀bc	bccu
	Wick	1000.2	+2	W	3	c	57	75	8	8	6	–	7-8	9+	1500	1001.8	+12	WNW	4	c	56	75	8	8	7	–	4-6	7-8	1500	1	2	cidc	cpr₀c	c	cid₀
16	Lerwick	996.8	-2	WNW	3	c	55	85	8	5	2	–	4-6	9+	1500	998.7	+10	NW	4	c	54	85	8	8	7	–	4-6	9+	1500	0	•	cid	c	c	cd₀
17	Blacksod Point	1013.6	+2	W'N	4	pr	58	95	7	6	–	–	10	10	1500	1012.0	-8	SW	4	q	60	85	7	5	–	–	9	9	1500	1	4	preq	cq	bc	bc
18	Malin Head	1007.9	+8	W	4	c	58	95	7	8	–	–	9+	9+	800	1008.4	-2	NW	4	r₀r₀	56	95	7	9	–	–	10	10	800	1	2	cPR	cpr₀	cpr	cpr
	Aldergrove	1008.6	+4	W	4	c/pr	61	85	8	9	–	–	7-8	7-8	800	1009.2	-2	W	4	cjp	60	85	8	9	3	–	7-8	9	800	1	•	cprq	cPRq	cjpqc	ccpr₀
	Donaghadee	1008.0	+2	WNW	3	pr₀	62	85	7	9	–	–	7-8	7-8	1500	1009.0	+4	W	2	pr₀	58	95	8	9	–	–	9	9	1500	1	1	bcpr₀	cpr₀	cpr₀	pr₀bc
19	Birr Castle	1014.0	0	NW	4	c	63	65	8	8	–	–	9	9	2500	1012.9	-10	NW	4	c	64	65	8	8	–	–	7-8	7-8	2500	1	•	c	c	c	cpr
20	Valentia Obsy.	1018.5	-4	W'S	3	c	63	95	8	5	–	–	10	10	800	1015.7	-16	SW'W	5	d₀d₀	61	95	4	5	–	–	10	10	<150	1	4	c	r₀r₀d₀d₀	rr₀d₀d₀	or₀r₀
	Roches Point	1015.5	-6	N	4	bc	68	55	8	3	–	4	2-3	4-6	2500	1014.5	-8	N	3	c/pr	66	75	8	3	–	–	7-8	7-8	2500	0	2	bcy	cbp₀c	cpr₀c	cpr₀c

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. ⓪ 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 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.

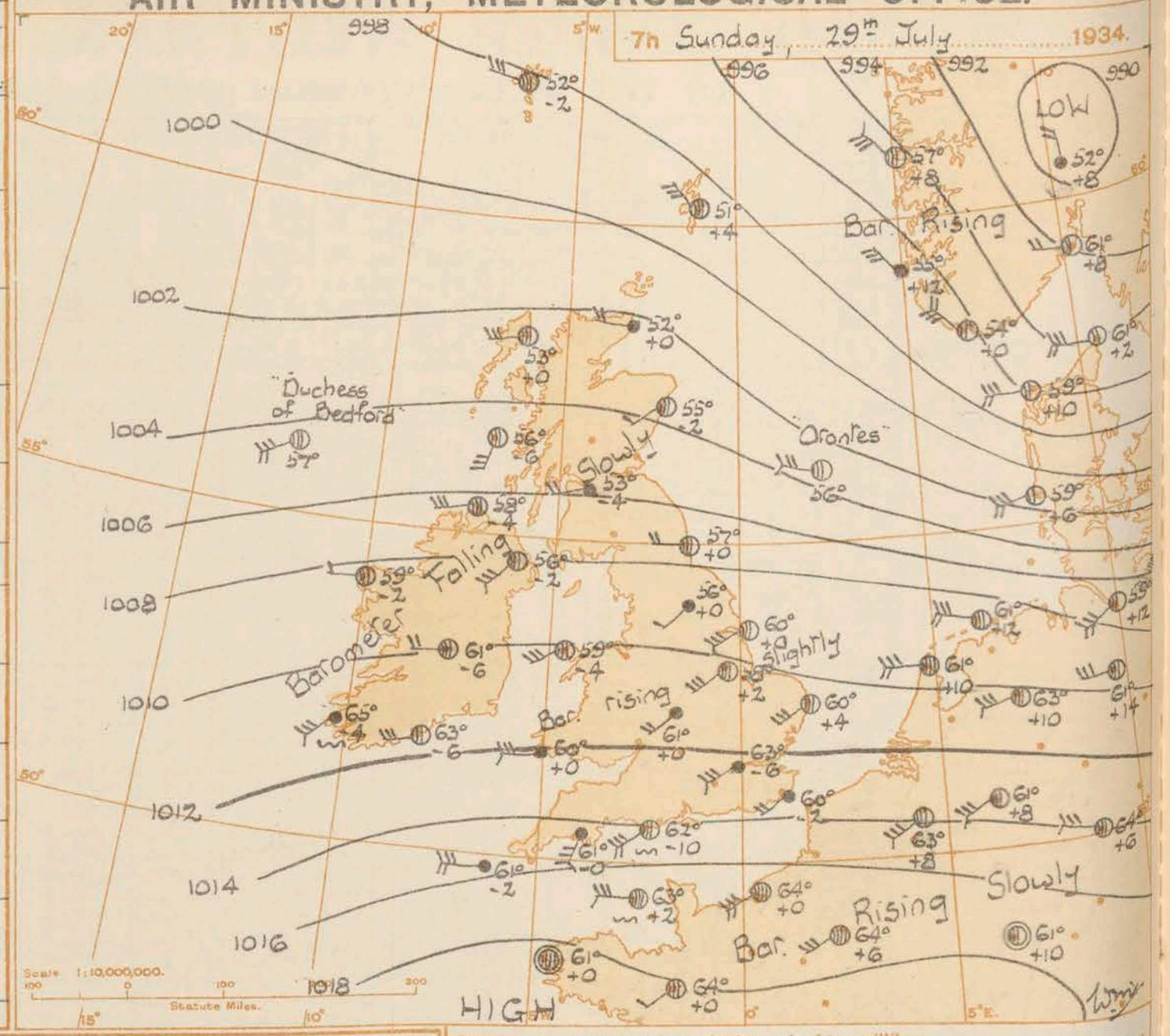
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Saturday 28th July 1934.

Districts.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 27th to 9h. 28th.	Temperature. Max. 9h.—17h. 28th.	Rainfall. Night. 17h. 27th to 9h. 28th.	Rainfall. Day. 9h.—17h. 28th.	Sunshine. Sunrise to 17h. 28th.	Sunshine. Sunrise to Sunset. 27th.
1	Tunbridge W.	oco	bceb	50	75	—	—	5.8	11.4
	Bournemouth	bc	b	58	78	—	—	8.5	10.9
	Ventnor ...	bbcb	bz	58	67	—	—	10.5	11.9
	Southsea ...	bbc	b	60	76	—	—	8.6	11.8
	Bognor Regis	bcc	bc	54	71	—	—	6.3	11.0
	Littlehampton	cbc	bc	55	70	—	—	6.3	9.5
	Worthing ...	oc	bcc	56	68	—	—	5.0	11.3
	Brighton ...	c	bc	58	68	—	—	4.6	11.4
	Eastbourne†	ocbcc	cbcc	58	67	—	—	4.6	12.6
	Hastings† ...	ocbc	bcb	53	70	—	—	4.9	12.0
	Folkestone ...	cscbc	bc	53	70	—	—	5.6	10.2
	Dover... ...	oc	cbc	57	67	—	—	4.4	7.7
	Deal	bcoc	bcc	56	75	—	—	6.2	7.2
	Ramsgate ...	bc	bcc	55	76	—	—	6.1	6.7
	Margate ...	bc	bcc	55	77	—	—	6.5	7.6
2	Southend ...	c	cqbcc	58	77	—	—	3.9	8.3
	Maldon ...	oc	cbv	51	78	—	—	4.5	10.1
	Clacton-on-Sea	c	cbcy	57	77	—	—	3.8	6.9
	Dovercourt ...	bcv	bcv	54	76	—	—	4.4	9.9
	Lowestoft ...	c	c	53	74	Tr	—	1.6	9.9
	Skegness ...	obco	obco	51	71	Tr	—	2.2	9.7
	Mablethorpe	c	cor	51	71	0.3	Tr	1.5	7.4
	Cleethorpes...	rcbc	bcpbc	52	68	1	Tr	3.8	10.1
3	Leamington S.	cbc	bcc	56	71	—	—	3.9	8.5
4	Cheltenham†	cbc	bcc	57	68	—	—	6.4	8.2
5	Bath	cbc	bcb	60	71	Tr	—	7.2	9.4
	Weymouth ...	c	b	60	74	—	—	5.9	9.0
	Jersey ...	cbcc	dc	60	66	—	Tr	0.4	7.7
	Torquay ...	cq	bcbq	60	75	—	—	7.3	6.7
	Penzance ...	dcbc	b	60	70	Tr	Tr	6.4	6.9
	St. Ives ...	codoc	b	60	68	—	Tr	5.3	3.5
	Bude	pdrc	cbcc	60	65	—	0.5	3.1	5.5
	Ilfracombe ...	odc	bc	59	67	—	0.6	5.2	5.9
6	Aberystwyth	cpmc	cbc	57	65	Tr	—	2.1	2.2
7	Llandudno ...	cdqc	bcc	59	66	0.2	Tr	2.6	6.9
	Colwyn Bay...	ocbc	bcc	58	68	0.3	—	3.2	7.0
	Rhyl	crc	cbcc	57	66	0.6	Tr	4.8	5.7
8	Wallasey ...	cscc	cbcc	56	66	2	Tr	1.6	4.3
	Southport‖ ...	cbc	c	60	66	1	—	3.4	8.5
	Blackpool ...	c	c	59	64	0.6	—	2.8	6.8
	Morecambe ...	dcbc	cbcd	58	62	3	1	1.3	7.7
9	Ilkley... ...	c	cpcpc	55	65	4	0.6	2.3	9.2
10	Berwick-on-T.	cpRc	oprcq	53	64	2	2	0.5	11.6
11	Dunbar ...	cr	bcp	53	63	2	3	0.9	10.4
12	Troon... ...	rorcq	cbcc	56	61	3	Tr	1.4	5.6
	Douglas ...	cbqc	circq	54	63	2	1	0.8	4.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th July, 1934
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate west-south-west wind; cloudy occasional slight local rain; bright intervals; average or rather high 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	Moderate westerly wind; cloudy, bright intervals; occasional rain or showers; average temperature.
13. A. W. Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16 Orkneys and Shetlands	Moderate to fresh west to southwest wind; cloudy, bright intervals; occasional rain or showers; average temperature.
17. N.W. Ireland 18. N.E. Ireland	As 7 - 12
19 S.E. Ireland 20. S.W. Ireland	As 1 - 6

GENERAL INFERENCE.

Pressure is high to the southwest and low to the northeast of the British Isles, while a secondary depression is approaching Scotland from the Atlantic. Weather will be rather unsettled.

FURTHER OUTLOOK.

Rather unsettled.

Forecasts issued at 1130 G.M.T.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 29th. July 1934.

No. 26. 547.

OBSERVATIONS at 1 hr. G.M.T. 29th. July

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	10134	+2	WSW	3	b	59	85	8	-	-	9	0	1	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	10136	+6	W	3	b	57	85	8	-	3	-	0	1	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	10096	+6	W	4	c	62	75	7	4	-	-	9	9	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014.1	-10	W'S	4	c	62	95	8	5	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1016.8	-10	W'S	4	F+	60	95	1	5	-	-	10	10	220
	Scilly (St. Mary's)	163	1017.0	-10	W	4	c	61	95	7	5	-	-	9+	9+	2500
	Guernsey	175	1015.2	-4	~~NNE~~ SW	3	o	62	95	7	5	-	-	10	10	2500
6	Pembroke	142	1012.0	-6	W	4	ido	60	95	6	5	-	-	10	10	1500
7	Holyhead	26	10102	-8	W'S	4	c	59	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	1008.3	+6	WNW	6	c	60	95	7	-	7	-	0	9	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	10066	+4	W	3	bc	55	75	8	4	-	-	2-3	2-3	4000
11	Inchkeith	190	10060	+2	SSW	4	c	53	95	8	4	3	-	1	7-8	4000
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	10038	+6	W	3	c	52	85	7	8	6	-	4-6	9+	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1002.7	-4	WNW	2	c	52	95	8	8	1	-	7-8	9+	1500
16	Lerwick	54	998.6	-4	W'N	3	c	50	95	7	8	3	-	4-6	7-8	1500
17	Blacksod Point	18	10099	-4	W	2	c	58	85	8	7	-	-	10	10	4000
18	Malin Head	52	1007.1	-14	W	3	c/pr	55	95	7	9	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1013.0	-20	SW	2	rf	59	95	3	5	-	-	10	10	4150
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th. July

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)	1011.8	-2	SW'W	3	c	64	95	8	5	-	8	9+	9+	450	1	*
	Croydon	1012.5	-6	WSW	4	dd.	63	95	7	6	-	-	9+	9+	800	1	*
	S. Farnborough	1012.0	-4	W'S	3	ido	65	85	6	5	3	-	9+	9+	800	0	*
	Boscombe Down	1012.4	+2	W	3	c	62	95	7	8	-	-	9+	9+	1500	1	*
	Calshot (S'thmtn)	1013.5	0	SW	3	ido	65	85	7	6	2	-	7-8	10	450	0	2
	Dungeness	*	*	SW	3	dd	*	*	4	6	-	*	10	10	1500	*	2
	Lympne	1013.1	-2	WSW	2	df	60	95	3	6	-	-	10	10	<150	1	*
2	Shoeburyness	1012.0	0	SW	1	dd	61	95	5	5	2	-	7-8	10	450	0	*
	Felixstowe	1011.5	+2	WSW	3	c	62	85	7	5	3	-	7-8	9+	4000	0	2
	Gorleston	1009.8	+4	SW'W	3	c	60	85	6	5	-	-	9	9	2500	0	2
	Cranwell	1010.0	+2	SW'W	3	c	58	85	7	5	7	-	4-6	9+	4000	1	*
3	Birmingham	1010.4	0	SW	2	pr.	61	85	8	5	7	-	7-8	9+	800	0	*
	Upper Heyford	1011.3	-2	SW	2	c	63	95	9	5	7	8	9	9+	1500	0	*
4	Ross-on-Wye	1010.8	0	WSW	3	c	64	85	8	6	7	-	2-3	9	2500	0	*
5	Portland Bill	1013.0	-10	WSW	5	c	62	95	7	5	-	-	9	9	2500	0	4
	Plymouth	1014.8	0	SSW	4	dd	61	95	6	5	-	-	10	10	<150	0	2
	The Lizard	1015.7	0	W'S	4	o	60	95	6	5	-	-	10	10	1500	0	2
	Scilly (St. Mary's)	1015.6	-2	W	5	ido	61	95	6	5	-	-	10	10	1500	0	3
	Guernsey	1016.9	+2	W'N	4	o	63	95	6	5	-	-	10	10	2500	0	4
6	Pembroke	1010.4	0	W	4	df	60	95	3	5	-	-	10	10	1500	1	3
7	Holyhead	1008.9	-4	WSW	3	c	59	75	8	5	3	-	9	9+	4000	0	2
	Chester (Sealand)	1009.6	-4	-	0	c	59	85	8	5	3	-	4-6	7-8	1500	0	*
8	L'pool (Bidston)	1009.3	0	W'N	4	c	59	85	8	8	-	-	9	9	4000	0	*
	Manchester	1009.1	0	W'N	3	c	58	85	7	5	7	-	1	9+	1500	1	*
9	Harrogate	1008.2	0	SW	1	ido	56	95	9	6	-	-	9+	9+	2500	1	*
10	Spurn Head	1008.3	0	W'S	4	c	60	95	7	5	7	-	4-6	9	4000	0	3
	Catterick	1007.1	+2	W'S	3	c	59	85	8	5	9	-	4-6	9	2500	0	*
	Tynemouth	1007.3	0	W	2	c	57	85	6	6	-	-	7-8	7-8	1500	0	1
11	Inchkeith	1006.7	0	SW	3	c	54	95	8	5	7	-	4-6	9	2500	0	1
	Leuchars	1004.8	+2	SW	2	c	55	86	9	5	7	-	9	9+	4000	1	*
12	Renfrew (Abbotts'D)	1006.1	-4	W'N	2	bo	53	95	6	6	-	-	10	10	800	1	*
	Eskdalemuir	1006.1	-2	SW	2	c	53	85	6	5	-	-	10	10	800	1	*
13A	Tiree	1004.7	-6	SSW	3	c	56	95	7	5	-	-	9+	9+	2500	0	2
13B	Stornoway	1002.8	0	W	3	c	52	95	8	8	6	-	4-6	10	1500	1	1
15	Dalwhinnie	1004.4	-2	W	3	c	50	85	8	8	2	-	7-8	9	800	1	*
	Aberdeen	1003.3	-2	WSW	1	c	55	75	8	5	-	-	9	9	4000	1	1
	Wick	1001.9	0	WNW	2	ido	52	95	7	8	2	-	7-8	10	1500	1	1
16	Lerwick	999.0	+4	NW	3	c/d	51	95	7	8	1	-	4-6	7-8	1500	1	*
17	Blacksod Point	1008.3	-2	W	1	c	59	95	8	-	7	-	0	9+	-	0	2
18	Malin Head	1005.9	-4	W	3	c	58	95	7	8	-	-	9+	9+	1500	1	1
	Aldergrove	1007.7	-2	SW'W	4	c/pr	56	95	7	9	3	-	9	9	800	1	*
	Donaghadee	1007.6	0	SW	1	bc	57	95	8	5	3	-	4-6	4-6	1500	1	0
19	Birr Castle	1009.0	-6	W	2	c/pr	61	95	8	3	-	-	9	9	2500	1	*
20	Valentia Obsy.†	1011.6	-4	SW'W	4	rsb	65	95	6	6	-	-	10	10	450	1	4
	Roches Point	1011.6	-6	W	3	c	63	95	7	3	-	-	9	9	1500	0	3

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)	Night 18h-7h mm. (35)	Sunshine 22th Hrs. (36)
1	London (Kew)	75	59	55	—	0.2	6.6
	Croydon	74	58	56	—	1	5.2
	S. Farnborough	77	56	48	—	Tr	6.0
	Boscombe Down	71	57	53	—	1	8.3
	Calshot (S'thmtn)	76	60	55	—	Tr	10.2
	Dungeness	69	59	*	—	Tr	*
	Lympne	72	55	52	—	1	5.0
2	Shoeburyness	78	58	55	—	Tr	7.0
	Felixstowe	75	58	57	—	-	3.8
	Gorleston	72	58	57	Tr	-	2.6
	Cranwell	70	56	54	0.2	Tr	3.4
3	Birmingham	68	55	52	Tr	Tr	3.1
	Upper Heyford	75	54	49	—	-	*
4	Ross-on-Wye	73	59	56	—	-	6.9
5	Portland Bill	~~(68)~~ 65	61	*	—	-	*
	Plymouth	70	60	60	Tr	Tr	7.9
	The Lizard	66	59	*	Tr	-	*
	Scilly (St. Mary's)	64	59	*	0.1	Tr	1.8
	Guernsey	68	61	60	Tr	-	1.8
6	Pembroke	64	59	*	-	0.1	10.2
7	Holyhead	63	57	55	Tr	-	3.5
	Chester (Sealand)	68	56	50	Tr	Tr	6.4
8	L'pool (Bidston)	64	58	56	Tr	-	2.9
	Manchester	66	56	54	0.2	1	1.3
9	Harrogate	63	54	53	0.5	Tr	7.1
10	Spurn Head	66	58	*	Tr	-	3.9
	Catterick	67	55	50	—	-	4.8
	Tynemouth	67	53	48	1	-	*
11	Inchkeith	60	52	50	8	Tr	3.3
	Leuchars	67	49	45	5	-	3.7
12	Renfrew (Abbotts'D)	64	54	48	1	0.5	8.0
	Eskdalemuir	64	50	46	0.1	-	4.4
13A	Tiree	60	53	49	0.3	0.2	2.9
13B	Stornoway	58	51	*	1	Tr	2.7
15	Dalwhinnie	59	48	42	1	1	2.8
	Aberdeen	63	49	45	1	Tr	1.3
	Wick	59	49	*	Tr	0.1	*
16	Lerwick	59	49	*	0.2	Tr	0.4
17	Blacksod Point	63	57	*	0.3	-	*
18	Malin Head	60	54	*	3	3	0.3
	Aldergrove	63	55	54	7	0.1	1.4
	Donaghadee	65	55	*	2	1	*
19	Birr Castle	66	57	57	—	1	3.9
20	Valentia Obsy.†	63	60	60	2	3	0.0
	Roches Point	71	60	*	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. (24 hrs. ended 9h.)	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (To-day.)	9h. G.M.T. %	Visibility 9h.
Kew	18	cy	cy	cb	75	59	55	-	0.2	6.6	*	*	8
Croydon	217	bccy	cybcy	cybcb	74	58	55	-	1	5.2	*	*	7
Greenwich (Royal Observatory)	149	cy	bccy	cbcro	79	58	*	-	Tr	6.9	36	78	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.9	*	*	*
Westminster (St. James' Park)	27	*	*	*	77	59	55	—		6.7	49	79	*
Regents Pk. (Botanic Gardens)	139	*	*	*	75	59	55	—	—	5.4	52	79	*
Camden Square	110	c	c	*	76	59	54	-	-	*	*	78	*
Kensington	80	cobc	bc	*	76	59	51	-	Tr	6.0	At 18h. 46	79	*
Hampstead Observatory	450	bc	bc	bcod	75	56	53	-	Tr	6.5	*	88	*

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.
0.2	18h. 28th.	<0.1	20-24h. 28th.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 29th. July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Th. G.M.T. 29th. July. 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	1015.4	W	4	bc	75	1017.0	WSW	3	o	64	75	61	-	-
Brussels	1011.0	WSW	5	c	64	1013.1	SW	4	c	63	68	57	Tr	Tr
Berlin	1007.0	WSW	4	rsrs	64	1007.2	WNW	5	c	63	66	57	Tr	4
Zurich	1016.7	NW	3	bc	66	1017.6	WNW	1	c	63	73	54	-	-
Rome	1012.2	-	0	b	75	1013.7	SE	4	c	75	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.
The barometric tendency is expressed in tenths of a millibar.

COLUMNS 4, 18.
The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

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

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

COLUMNS 8, 22.—Code for surface visibility.

		Objects not visible at
0	Dense fog	55 yards.
1	Thick fog	220 „
2	Fog	550 „
3	Moderate fog	1,100 „
4	Mist or haze	1½ miles.
5	Poor visibility	2½ „
6	Moderate „	6½ „
7	Good „	12½ „
8	Very good „	31 „
9	Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

† 1 hr observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 9h.

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 30th July 1934.

No. 26,548.

OBSERVATIONS at 13h. G.M.T. 29th July

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)	Cloud Form Med. (10)	Cloud Form High (11)	Amount Low 0-10 (12)	Amount Total 0-10 (13)	Height of Base (feet) (14)
1	London (Kew)...	1011.3	-6	WSW	4	c/pr	70	75	8	9	2	-	9+	10	800
	Croydon ...	1012.1	-4	W'S	4	PR	69	85	7	8	7	-	7.8	9+	2500
	S. Farnborough	1011.6	-6	W'N	4	pr	72	75	8	9	7	-	7.8	9+	2500
	Boscombe Down	1012.1	-2	W'S	5	c	70	75	8	8	2	-	7.8	9+	1500
	Calshot, S'thmtn	1013.1	-6	SW'S	5	c	71	75	8	8	7	8	4.6	9	1500
	Dungeness ...	*	*	SW	5	c	*	*	5	8	-	*	9+	9+	1500
	Lympne ...	1012.2	-6	SW'W	4	c	71	75	7	5	-	1	7.8	9	1500
2	Shoeburyness	1010.8	-10	WSW	2	pr	71	85	8	9	1	-	4.6	9	1500
	Felixstowe ...	1010.4	-10	WSW	4	iro	71	65	7	6	7	-	7.8	10	1500
	Gorleston ...	1009.7	-4	WSW	3	pr	70	65	7	8	-	-	9+	9+	2500
	Cranwell ...	1009.4	-2	W	1	rr	63	85	6	6	2	-	4.6	10	1500
3	Birmingham ...	1010.0	-2	SW	3	rr	63	95	6	6	-	-	10	10	800
	Upper Heyford	1010.6	-2	SW	5	c	70	75	8	5	2	-	9	10	1500
4	Ross-on-Wye ...	1010.2	-4	W'S	5	q	68	75	8	6	2	-	7.8	10	2500
5	Portland Bill...	1013.4	-6	WSW	5	c	63	95	7	4	-	-	9	9	2500
	Plymouth ...	1014.7	0	WSW	4	c/do	66	95	6	5	7	-	7.8	9	1500
	The Lizard ...	1015.9	0	W'S	4	o	65	95	5	5	-	-	10	10	1500
	Scilly (St. Mary's)	1015.6	0	WSW	4	c	66	85	7	5	3	3	2.3	9	1500
	Guernsey ...	1016.6	-2	W'S	4	o	68	75	7	5	-	-	10	10	2500
6	Pembroke ...	1011.3	+4	W	4	ir	60	95	6	5	-	-	10	10	2500
7	Holyhead ...	1008.6	-2	WSW	4	c	63	85	8	5	3	1	7.8	9	4000
	Chester (Sealand)	1009.7	+2	NW'N	2	dd	61	85	6	6	-	-	10	10	800
8	L'pool (Bidston)	1009.1	0	WNW	2	c/pG	62	85	8	8	-	-	9+	9+	4000
	Manchester	1009.2	+2	WNW	3	c/pr	64	75	8	2	7	-	2.3	10	2500
9	Harrogate ...	1007.7	-6	SW	3	c	65	65	9	8	4	-	4.6	7.8	4000
10	Spurn Head ...	1008.3	0	NW	3	c	67	95	7	5	7	-	4.6	7.8	2500
	Catterick ...	1006.8	-2	W	4	c	65	65	9	8	-	-	9+	9+	2500
	Tynemouth ...	1005.9	-4	W	3	c	67	55	8	4	-	-	7.8	7.8	4000
11	Inchkeith ...	1004.8	-10	SW	4	c	60	85	8	8	-	-	9+	9+	2500
	Leuchars ...	1004.0	-4	SW	3	c	68	65	9	8	4	8	7.8	7.8	4000
12	Renfrew (Abbotts I.)	1005.5	0	W'S	4	cjp	60	75	8	9	3	-	9+	9+	1500
	Eskdalemuir ...	1005.6	0	WSW	4	c	61	65	8	5	-	-	9+	9+	1500
13A	Tiree ...	1004.7	+2	W'S	4	bc	61	85	8	5	6	-	2.3	4.6	2500
13B	Stornoway ...	1002.1	0	NW	2	c	58	75	7	8	6	-	4.6	9+	1500
15	Dalwhinnie ...	1004.0	-4	SW	3	ir	55	85	7	3	2	-	7.8	10	800
	Aberdeen ...	1003.2	-2	SW	3	c	63	65	8	8	-	-	9+	9+	2500
	Wick ...	1001.4	0	WNW	2	c	59	75	8	8	1	-	4.6	9+	1500
16	Lerwick ...	999.7	+6	W'N	3	c	55	85	7	8	7	-	7.8	9	1500
17	Blacksod Point	1006.8	-4	SW	1	c	63	95	8	5	-	-	9+	9+	1500
18	Malin Head ...	1006.0	+4	SW	3	c	59	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	1007.5	-2	W'S	3	c	63	75	8	8	3	-	9	9	2500
	Donaghadee ...	1007.5	0	W	1	c	64	75	8	5	2	-	4.6	7.8	1500
19	Birr Castle ...	1008.4	-4	W	2	c/pr	65	95	8	8	-	-	9	9	2500
20	Valentia Obsy.	1011.3	-2	SW	5	o/d	63	95	7	5	-	-	10	10	450
	Roches Point...	1011.4	-2	W	3	ido	63	85	7	5	-	-	9	9	1500

OBSERVATIONS at 18h. G.M.T. 29th July and **PAST 24 HOURS.**

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours (16)	Wind Direc. (17)	Wind Force 0-12 (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud Form Low (23)	Cloud Form Med. (24)	Cloud Form High (25)	Amount Low 0-10 (26)	Amount Total 0-10 (27)	Height of Base (feet) (28)	State of Ground 0-9 (29)	Sea 0-9 (30)	Weather 7h.–13h. 29th (37)	13h.–18h. 29th (38)	18h. 29th to 1h. 30th (39)	1h.–7h. 30th (40)
London (Kew)	1010.9	0	W	3	c	71	65	8	8	3	-	4.6	10	1500	0	•	cprcjpr	cprobcc	cbctc	cb
Croydon	1011.6	0	W'S	5	c	71	65	8	7	5	-	4.6	7.8	4000	1	•	cdodoc	cPRq	bccvpG	cbcbv
S. Farnborough	1011.3	-2	WSW	3	c	71	65	8	8	3	-	4.6	7.8	4000	0	•	cdocpov	cprvcv	cobc	bcbwo
Boscombe Down	1011.9	-2	W	3	c	68	75	8	5	2	-	9	9+	1500	1	•	cropr	cirov	cbc	bbcomo
Calshot, S'thmtn	1013.1	+2	SW	4	c	67	85	7	8	7	-	7.8	9	1500	0	2	c	cprc	cbqb	bwcmo
Dungeness	*	*	SW	5	q	*	*	5	3	2	*	4.6	10	1500	•	3	c	c		bc
Lympne	1012.2	-6	SW'W	4	c/pro	67	85	8	5	3	-	7.8	9	1500	0		c	cproc	cbc	bwbc
Shoeburyness	1010.0	-6	W'S	4	c	73	75	8	8	7	-	4.6	7.8	2500	0	•	cpro	cpro	bc	b
Felixstowe	1009.5	-4	NW'N	1	iro	67	85	7	6	2	-	7.8	10	2500	1	1	cdoiro	cRtlrciro	crbc	bcb
Gorleston	1009.1	-4	WSW	1	c	64	95	6	8	-	-	9	9	2500	1	2	cpro	corrc	cbcc	cbcc
Cranwell	1008.8	-6	WSW	2	c	68	75	7	8	-	-	9+	9+	1500	1		crorr	crrro	c	cbcb
Birmingham	1009.7	0	W	2	cjp	66	65	8	9	7	-	4.6	7.8	1500	1	•	corr	orRc	cpro	cbc
Upper Heyford	1010.7	+10	W	5	c	67	85	9	8	7	-	9	9+	1500	0	•	ciro	ciro		cbbc
Ross-on-Wye	1010.2	0	WSW	4	q	67	75	8	5	-	-	9+	9+	4000	0	•	cq	cq	cq	c
Portland Bill	1012.7	+2	WSW	5	c	62	95	7	5	-	1–7	7–8	9+	2500	0	4	c	c	ffczo	c
Plymouth	1014.1	-2	SW	4	c	64	95	8	5	7	-	7.8	9	1500	0	3	odomoc	cpr	cb, c	c
The Lizard	1014.7	-4	WSW	3	bc	65	95	7	7	4	-	2.3	2.3	2500	0	2	oifem	omcbc	bcc	c
Scilly (St. Mary's)	1014.5	-6	SW'W	4	bc	63	85	7	5	4	3	2.3	4.6	2500	0	3	idmif	cbc	cido	c
Guernsey	1016.2	-6	W'S	4	bc	66	85	7	7	7	-	2.3	4.6	2500	0	4	oc	ocbc	bccow	ow
Pembroke	1010.4	-6	W	4	q	61	95	7	5	2	-	7.8	10	2500	1	3	ciromoc	cdomoqc	cqc	cproc
Holyhead	1007.7	-6	SW'S	4	ido	61	95	6	5	7	8	7.8	10	2500	1	1	idodc	rodoc	roroc	cmoc
Chester (Sealand)	1008.6	-4	NW'N	1	c/pr	66	85	8	8	3	-	4.6	7.8	1500	1	•	irodo	ddocpr	cPR	bcvqc
L'pool (Bidston)	1008.5	-4	W	2	c	65	75	9	8	6	4	4–6	7.8	2500	0		cpro	c	ccR	cv
Manchester	1008.3	-2	WNW	3	c	66	75	8	8	7	-	7.8	9+	2500	1	•	c	cro	cpr	cprc
Harrogate	1007.3	-6	SW'W	4	c	64	65	9	1	-	7	Tr	7.8	4000	0	•	docbc	bc	bcc	cbc
Spurn Head	1007.1	0	NW'W	4	c	68	95	7	3	7	1	2.3	7.8	4000	0	3	c	c	proc	c
Catterick	1006.7	+4	WNW	3	c	66	55	9	4	-	6	2.3	7.8	4000	0	•	cy	cyc	cpro	rrcrc
Tynemouth	1007.1	+6	W	2	bc	66	65	7	2	-	-	4.6	4.6	2500	0	1	c	cbc	bc	bcocr
Inchkeith	1005.0	+2	SW	4	c	59	95	8	8	9	-	4.6	7.8	1500	0	2	c	c	cbcw	ccRcF
Leuchars	1004.0	+4	W	4	c	63	65	9	8	-	-	7.8	7.8	4000	1	•	cv	bcprov	bobv	rrroromo
Renfrew (Abbotts I.)	1005.8	+2	W'N	4	c	60	75	8	5	-	-	9+	9+	1500	0	•	crododoc	c	cproc	rrdmo
Eskdalemuir	1006.0	+4	WSW	3	c	61	75	8	5	-	-	7.8	7.8	1500	1	•	idoc	cbc	bcc	rrido
Tiree	1004.8	0	WSW	2	c	59	85	8	5	-	-	7.8	7.8	2500	0	2	prcbc	bcc	c	oRrc
Stornoway	1003.1	+2	WNW	2	c	57	75	9	8	7	-	7.8	9+	1500	1	1	cprjp	c	cbc	bccrr
Dalwhinnie	1004.4	+2	SW	6	bc	56	65	8	8	4	-	4.6	4.6	4000	0		ir	bc		rr
Aberdeen	1003.2	-2	E	2	c	60	85	8	8	3	-	7.8	7.8	1500	1	1	bcvc	cprbc	cbcb	bccro
Wick	1002.1	+4	W	2	c	57	75	8	8	1	-	7.8	9	1500	1	2	idopr	c	c	c
Lerwick	1000.1	+6	W	3	c	53	85	9	8	-	-	9	9	1500	0		c	c	c	bcc
Blacksod Point	1004.7	-10	S	2	id	60	95	7	6	-	-	10	10	450	1	2	ido	ido	iD	crq
Malin Head	1005.2	-6	NW'N	2	bc	60	95	8	2	4	9	Tr	4.6	1500	0	0	cpr	cbc	cror	cpr
Aldergrove	1006.1	-6	-	0	c	67	75	9	8	3	1	9	9+	4000	1	•	c	cv	crRro	criroc
Donaghadee	1006.7	-4	SW	1	c	62	85	8	5	2	-	4.6	7.8	1500	0	0	bcc	c	ciroc	c
Birr Castle	1007.9	-4	W	1	rr	63	95	7	6	-	-	10	10	2500	1	•	cpr	irorr	rrc	c
Valentia Obsy.	1009.6	-10	S'W	4	c	62	95	8	5	-	-	10	10	1500	1	4	roido	iroidc	crororo	roroc
Roches Point	1011.1	-6	W	3	c	65	75	7	3	-	-	7.8	7.8	2500	0	3	cido	cpoc	cproc	cproc

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).
KO, 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.

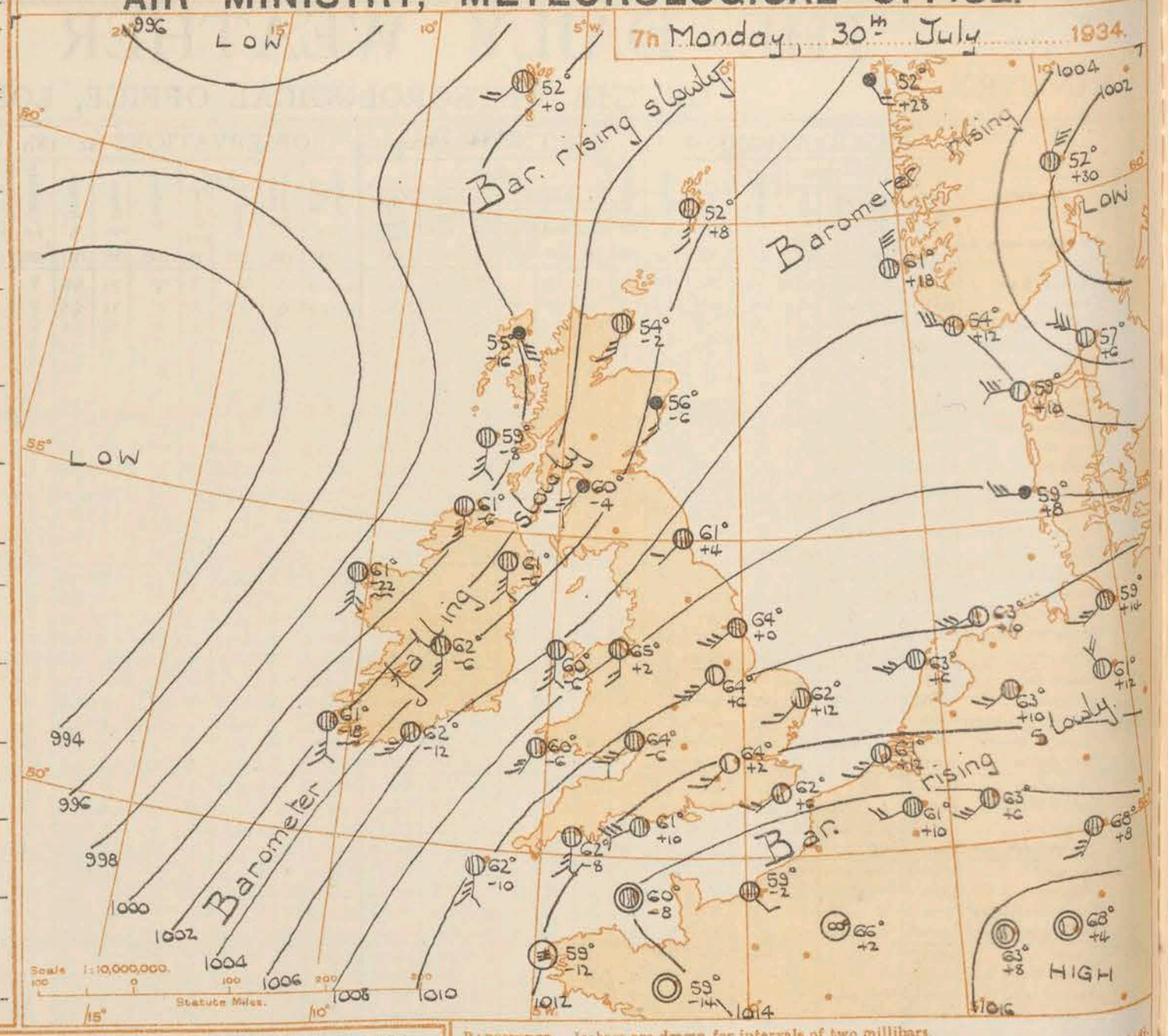
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for Sunday 29th July 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.	oc	copo	55	73	Trace	Trace	1.2	6.1
	Bournemouth	c	co	61	75	-	-	1.5	11.0
	Ventnor ...	omc	oco	61	67	-	-	1.0	12.3
	Southsea ...	ocbc	bcc	63	75	-	-	2.1	10.7
	Bognor Regis	cbc	bcc	61	72	Trace	-	2.4	7.3
	Littlehampton	cbc	bcc	59	69	-	-	1.5	8.4
	Worthing ...	c	c	59	69	Trace	-	1.7	7.1
	Brighton ...	cbc	cbc	60	68	Trace	-	0.9	5.2
	Eastbourne†	ocbcc	coc	61	67	-	-	1.6	5.6
	Hastings† ...	oc	cbcc	57	70	-	-	0.8	6.4
	Folkestone ...	roc	cbcc	56	68	2	Trace	1.6	5.6
	Dover... ...	cp	cp	57	66	1	0.2	0.6	5.0
	Deal	ofc	bctrc	56	74	Trace	7	2.2	6.3
	Ramsgate ...	c	cptlrcc	57	70	0.6	7	1.7	6.1
	Margate ...	cbc	ctlrbc	57	75	0.3	0.2	1.7	6.6
2	Southend ...	co	ocdp	59	76	0.6	Trace	2.0	4.8
	Maldon ...	roc	cpc	56	75	0.5	1	0.9	4.9
	Clacton-on-Sea	bccpd	cpcbc	59	75	0.1	1	1.4	4.2
	Dovercourt ...	bcc	bctpbcc	58	72	-	0.2	0.2	4.4
	Lowestoft ...	cbcc	coR	57	73	-	7	2.8	1.6
	Skegness ...	o	obc	59	71	1	-	2.2	2.8
	Mablethorpe	c	cp.	58	72	-	Trace	2.6	1.5
	Cleethorpes...	oc	bc	58	73	-	-	3.5	5.4
3	Leamington S.	oprc	prcbc	57	70	-	8	1.3	4.0
4	Cheltenham†	ocp.	cop.	57	68	-	Trace	0.6	6.7
5	Bath	cd.	cp.bc	62	71	1	Trace	1.4	9.4
	Weymouth ...	c	c	61	71	-	-	0.8	7.7
	Jersey ...	cdc	cbcc	61	69	Trace	-	3.2	1.3
	Torquay ...	cobc	bcqy	64	75	-	-	3.0	9.3
	Penzance ...	mcbc	cb	61	72	Trace	-	3.3	7.1
	St. Ives ...	c	c	60	70	-	-	4.2	6.2
	Bude	cd.	c	62	66	1	-	0.3	3.2
	Ilfracombe ...	o	cbc	61	68	2	-	0.9	6.9
6	Aberystwyth	cmrr	rrc	59	63	4	9	0.0	2.2
7	Llandudno ...	c	cp.c	58	67	-	Trace	0.5	2.6
	Colwyn Bay...	o	dobcc	58	71	-	Trace	1.0	3.2
	Rhyl	c	c	59	68	-	-	0.8	5.0
8	Wallasey ...	c	cp.bc	59	67	-	Trace	0.7	1.6
	Southport‖ ...	c	oc	59	68	-	-	2.9	4.3
	Blackpool ...	cbc	bcc	59	67	-	-	6.4	2.8
	Morecambe ...	cbc	b	57	66	-	-	7.5	1.3
9	Ilkley... ...	bc	bc	54	70	0.5	-	4.9	2.8
10	Berwick-on-T.	c	crc	51	66	-	Trace	3.5	1.3
11	Dunbar ...	bc	bc	51	67	-	-	5.9	2.0
12	Troon... ...	corc	cbcb	54	63	0.3	-	2.0	1.9
	Douglas ...	cb	cbbc	54	67	2	-	6.2	0.8

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



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. 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. 30th July, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate southwest wind; mainly fair; average temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate southwest wind, fresh locally on coast; slight drizzle locally, especially near south and west coasts; average temperature.
13. A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate or fresh southerly wind, backing and becoming strong locally; some rain; average temperature.
17. N.W. Ireland	Fresh southerly winds, veering tomorrow to northwest; cloudy, occasional rain today, showers tomorrow; average temperature today, cooler tomorrow.
18. N.E. Ireland	
19. S.E. Ireland	Moderate southerly winds; cloudy, occasional rain; average temperature.
20. S.W. Ireland	As 17.

GENERAL INFERENCE.

A large depression on the Atlantic to the west of the British Isles is moving northeast, while an anticyclone covers the neighbouring parts of the Continent. Weather will be mainly fair over the Southeastern part of England, while rain or showers will occur elsewhere.

FURTHER OUTLOOK.

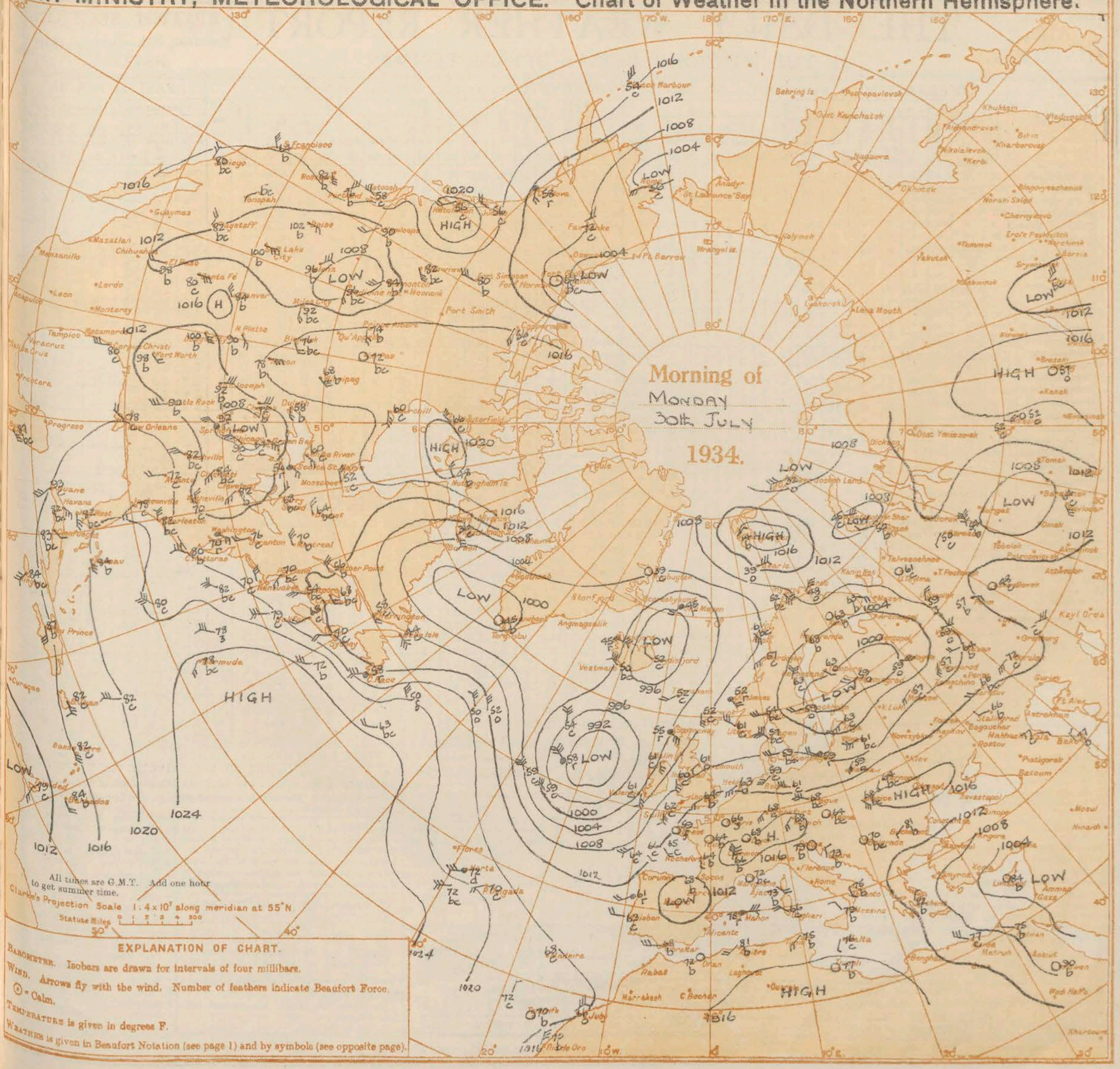
Unsettled.

Forecasts issued at 0910 G.M.T.

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

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

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



AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 30th July 1934.

No. 26548

OBSERVATIONS at 1 hr. G.M.T. 30th July

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	1012.9	+2	W	3	c	65	75	8	5	7	-	4-6	10	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1013.2	0	WSW	2	bc	61	95	7	-	4	9	0	2-3	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1009.9	+2	SW'S	2	c	61	95	7	-	3	-	0	7-8	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1013.0	-10	W'S	4	c	60	95	6	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1013.6	-12	SSW	3	c	61	95	8	4	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	1012.8	-12	SSW	3	c	61	95	7	8	-	-	7-8	7-8	2500
	Guernsey	175	1015.5	-8	-	0	0	59	95	7	5	-	-	10	10	2500
6	Pembroke	142	1010.0	-4	SWW	3	q	61	95	7	5	-	-	10	10	2500
7	Holyhead	26	1007.5	-6	SW	4	c	59	95	6	5	3	-	7-8	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1008.7	+2	-	0	c	61	95	7	5	2	-	4-6	10	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1006.9	0	W	1	bc	58	85	6	4	-	-	4-6	4-6	4000
11	Inchkeith	190	1005.8	+2	SSW	1	c	55	95	8	5	5	6	2-3	7-8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1002.8	-6	SW	3	bc	54	95	8	4	7	3	2-3	4-6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1003.8	+2	W	2	c	53	95	8	5	1	-	7-8	9	1500
16	Lerwick	54	1002.5	+4	W	2	c	52	95	8	5	3	-	4-6	7-8	1500
17	Blacksod Point	18	1001.5	-12	S	4	10	61	95	7	6	-	-	10	10	450
18	Malin Head	52	1001.5	-24	S	2	rr	60	95	6	6	-	-	10	10	800
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1005.8	-14	S'W	6	id	60	95	7	9	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th July

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)	1013.1	+6	SW	2	b	65	75	8	1	-	5	Tr	1	2500	0	*
	Croydon	1013.0	+2	SW'S	2	b	64	75	8	1	4	1	Tr	1	2500	1	*
	S. Farnborough	1013.4	+6	SW'S	3	o	61	85	6	5	-	-	10	10	450	0	*
	Boscombe Down	1012.7	+2	SW'S	1	c	59	95	5	5	-	-	9+	9+	1500	1	*
	Calshot (S'thmtn)	1013.4	+2	SW'W	2	c	63	85	7	5	-	-	9+	9+	1500	0	1
	Dungeness	*	*	SW	3	fs	*	*	5	5	1	*	4-6	9	800	*	3
	Lympne	1013.7	+6	WSW	2	bc	62	95	6	7	-	-	4-6	4-6	800	0	*
2	Shoeburyness	1012.9	+6	SW'W	3	b	66	85	7	-	3	-	0	Tr	-	0	*
	Felixstowe	1012.3	+10	SW'W	3	b	65	75	7	-	-	-	0	0	-	1	1
	Gorleston	1010.7	+12	SW'S	2	c	62	95	6	5	-	-	7-8	7-8	2500	1	2
	Cranwell	1010.1	+6	SW	3	bc	64	75	8	5	3	8	1	2-3	4000	1	*
3	Birmingham	1010.2	0	SSW	3	bc	63	85	8	5	-	-	4-6	4-6	2500	1	*
	Upper Heyford	1012.2	+6	SW	3	c	62	85	8	5	-	-	9+	9+	800	0	*
4	Ross-on-Wye	1010.6	-6	SW	4	c	64	75	8	5	-	-	9+	9+	4000	0	*
5	Portland Bill	1012.4	0	WSW	4	c	61	95	7	5	-	-	10	10	2500	0	3
	Plymouth	1011.5	-8	S	4	c	62	95	7	5	-	-	9	9	1500	0	2
	The Lizard	1011.0	-6	S	3	c	61	95	8	8	3	-	4-6	9	2500	0	2
	Scilly (St. Mary's)	1010.1	-10	S	4	c	62	95	8	5	-	-	9+	9+	4000	0	3
	Guernsey	1014.4	-8	-	0	0	60	95	7	5	-	-	10	10	2500	0	3
6	Pembroke	1008.3	-6	SSW	3	c	60	95	7	5	6	-	7-8	10	2500	*	2
7	Holyhead	1006.8	-6	S	4	c	60	95	7	5	-	-	9+	9+	1500	1	2
	Chester (Sealand)	1008.6	+2	SSW	2	c	65	75	8	5	-	1	7-8	9	1500	1	*
8	L'pool (Bidston)	1008.4	-2	SW'W	2	c	63	85	9	9	-	-	9+	9+	2500	1	*
	Manchester	1008.8	0	SW'S	3	c	61	85	7	5	-	-	9+	9+	2500	1	*
9	Harrogate	1008.1	+6	S'W	2	bc	62	85	8	3	-	-	4-6	4-6	2500	0	*
10	Spurn Head	1008.7	0	WSW	3	c	64	95	8	5	7	-	4-6	9	2500	1	2
	Catterick	1006.9	+6	SW'W	4	c	64	75	8	5	3	-	7-8	9+	1500	1	*
	Tynemouth	1006.1	+4	SW	1	o/r	61	95	6	6	-	-	10	10	1500	1	1
11	Inchkeith	1004.3	-4	S	1	c/r	58	95	7	8	-	-	9+	9+	1500	1	*
	Leuchars	1003.6	-8	SE	1	rr	55	95	5	6	1	-	7-8	10	800	1	*
12	Renfrew (Abbotts D)	1002.9	-4	SW'S	4	dd	60	95	5	6	-	-	10	10	800	1	*
	Eskdalemuir	1004.5	+2	SSW	4	id	59	95	7	6	2	-	9	10	450	1	
13A	Tiree	998.9	-8	S	4	c	59	95	7	5	7	-	4-6	7-8	2500	1	3
13B	Stornoway	999.3	-16	SE	3	rr	55	95	6	6	-	-	10	10	800	1	1
15	Dalwhinnie	1002.6	-12	S	6	rr	53	95	8	8	2	-	7-8	10	800	1	*
	Aberdeen	1004.1	-6	SSE	2	r.r.	56	95	7	6	7	-	4-6	10	2500	1	1
	Wick	1002.6	-2	SSW	3	c	54	95	8	8	1	-	7-8	9	1500	1	2
16	Lerwick	1003.7	+8	S	3	c	52	95	8	8	3	-	1	9+	1500	0	*
17	Blacksod Point	998.4	-22	S	5	q	61	95	7	5	-	-	10	10	450	1	4
18	Malin Head	999.5	-6	S	3	cjp	61	95	7	9	-	-	10	10	800	1	0
	Aldergrove	1003.0	-6	S	4	c	61	85	8	5	-	-	9+	9+	1500	1	*
	Donaghadee	1004.1	0	W	2	c	61	85	8	5	-	-	7-8	7-8	1500	0	1
19	Birr Castle	1003.3	-6	S	3	c	62	85	8	8	-	-	9	9	2500	1	*
20	Valentia Obsy.†	1001.8	-18	S'E	4	ojp	61	95	8	6	-	-	10	10	800	1	4
	Roches Point	1006.1	-12	SW	3	c	62	95	7	3	-	-	7-8	7-8	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 29th Hrs. (36)
1	London (Kew)	74	62	58	0.1	-	3.1
	Croydon	73	61	52	3	Tr	3.5
	S. Farnborough	75	55	45	0.4	-	0.9
	Boscombe Down	71	53	49	0.3	-	0.4
	Calshot (S'thmtn)	73	58	54	0.2	-	1.5
	Dungeness	70	59	*	*	-	*
	Lympne	72	58	56	0.1	-	1.5
2	Shoeburyness	75	62	59	0.3	-	1.4
	Felixstowe	71	61	58	3	-	0.9
	Gorleston	71	60	59	8	-	2.9
	Cranwell	69	60	58	2	-	1.5
3	Birmingham	68	59	52	8	0.3	2.6
	Upper Heyford	72	58	51	Tr	-	*
4	Ross-on-Wye	71	62	59	-	-	0.7
5	Portland Bill	63	60	*	-	-	*
	Plymouth	69	60	58	0.2	-	2.3
	The Lizard	67	60	*	Tr	-	*
	Scilly (St. Mary's)	67	60	*	Tr	Tr	5.3
	Guernsey	68	58	56	-	-	0.6
6	Pembroke	64	59	*	1	0.1	0.0
7	Holyhead	66	57	57	1	0.5	1.3
	Chester (Sealand)	66	61	52	0.2	0.6	0.2
8	L'pool (Bidston)	65	60	57	Tr	2	0.9
	Manchester	67	59	58	0.1	2	1.7
9	Harrogate	67	59	54	Tr	-	5.1
10	Spurn Head	72	60	*	-	0.1	4.5
	Catterick	68	57	52	-	1	6.2
	Tynemouth	68	57	54	-	3	
11	Inchkeith	61	54	48	-	6	4.3
	Leuchars	(68)	49	43	Tr	5	7.3
12	Renfrew (Abbotts D)	61	54	53	0.1	5	0.6
	Eskdalemuir	65	55	53	Tr	6	2.0
13A	Tiree	(62)	55	51	0.4	8	4.3
13B	Stornoway	61	51	*	2	1	1.4
15	Dalwhinnie	60	44	39	0.2	2	2.6
	Aberdeen	66	48	42	0.4	Tr	3.6
	Wick	61	50	*	0.2	-	*
16	Lerwick	55	51	*	-	-	1.0
17	Blacksod Point	64	59	*	Tr	1	*
18	Malin Head	63	57	*	0.4	6	5.1
	Aldergrove	69	59	58	-	4	1.5
	Donaghadee	69	59	*	-	2	*
19	Birr Castle	68	60	58	3	3	0.9
20	Valentia Obsy.†	64	60	59	3	3	0.0
	Roches Point	67	60	*	0.1	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. To-day.
Kew	18	cprcjpr	opr.bcc	cbctcb	74	62	58	0.1	-	3.1	*	*	7
Croydon	217	cd.d.c	cPRq	bccpr.b	73	61	52	3	Tr	3.5	*	*	7
Greenwich (Royal Observatory)	149	cd.	cp.	cd.cbc	77	61	56	1	Tr	1.7	67	77	6
City (Bunhill Row)	—					*	*	*	*	1.8	*	*	*
Westminster (St. James' Park)	27	*	*	*	77	59	58	0.5		2.1	63	78	*
‡Regents Pk. (Botanic Gardens)	189	*	*	*	74	61	53	1	-	2.2	94	79	*
Camden Square	110	c	cpc	*	74	61	57	1	-	*		77	*
Kensington	80	cpbc	bcc	*	75	62	55	0.4	-	1.7	At 18h. 60	81	*
Hampstead Observatory	450	bcp	bcp	p	72	58	55	1	-	2.2	*	92	*

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	8h-16h 29th, 23h-7h 30th	Nil	17h-29th to 1h-30th

Kew Observatory Max.	Time.	Min.	Time.
0.1	9h 29th	<0.1	Rest of period

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 29th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	7h. G.M.T. 30th July Barom. mb.	Wind Direc.	Wind Force	Weather	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
Paris	1014.6	WNW	4	c	75	1015.0	-	0	3o	66	79	57	-	-
Brussels	1011.6	WSW	5	c	68	1014.0	WSW	2	o	61	70	59	0.3	-
Berlin	1010.4	W	5	c	66	1011.4	W'N	4	c	61	70	59	-	2
Zürich						1016.4	SE	1	b	63		59		-
Rome						1014.5	-	0	3o	77		41		-

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 31st July 1934.

No. 26548

OBSERVATIONS at 13h. G.M.T. 30th July

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)	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)	1011·0	-16	SSW	3	c	75	55	8	7	-	-	7-8	7-8	4000
	Croydon*	1012·0	-10	S'E	4	bc	72	65	8	1	-	-	2-3	2-3	4000
	S. Farnborough	1010·6	-14	SSW	4	bc	76	~~55~~ 55	7	1	-	-	4-6	4-6	2500
	Boscombe Down	1009·9	-14	S	3	bc	71	75	7	8	-	-	4-6	4-6	2500
	Calshot, S'thmtn	1011·9	-6	ESE	4	b	71	75	8	1	-	-	1	1	4000
	Dungeness			S	2	c			6	5	2	-	4-6	9	1500
	Lympne	1013·4	-8	S	3	c	64	85	7	5	-	-	9+	9+	450
2	Shoeburyness	1011·4	-8	SSW	3	bc	77	75	8	1	-	-	2-3	2-3	4000
	Felixstowe	1011·6	-6	SSE	4	b	69	75	8	1	-	-	1	1	2500
	Gorleston	1011·0	-4	SE'S	5	bc	73	65	6	7	-	-	4-6	4-6	2500
	Cranwell	1009·2	-10	S'W	4	bc	73	55	8	1	-	-	4-6	4-6	4000
3	Birmingham	1008·4	-10	S	3	bc	72	55	8	7	-	4	2-3	2-3	2500
	Upper Heyford	1008·7	-14	SSW	4	bc	75	55	8	7	7	-	4-6	4-6	2500
4	Ross-on-Wye	1008·4	-10	S	4	bc	75	55	8	1	-	1	2-3	4-6	4000
5	Portland Bill	1010·5	-12	S	2	c	62	85	7	5	-	-	10	10	1500
	Plymouth	1009·7	-14	SSE	3	c	62	95	7	5	2	-	9	10	800
	The Lizard	1008·8	-6	SSE	4	c	62	85	8	8	2	-	7-8	10	2500
	Scilly (St. Mary's)	1007·0	-14	SSW	4	c	65	75	7	8	2	-	7-8	10	2500
	Guernsey	1010·5	-20	E	2	b	67	75	8	-	-	-	0	0	-
6	Pembroke	1006·2	-6	S	3	c	62	85	7	6	-	-	9+	9+	4000
7	Holyhead	1005·5	-8	SSW	4	c	62	85	7	5	-	-	9+	9+	2500
	Chester (Sealand)	1006·9	-12	SSE	3	c	72	55	8	5	7	8	4-6	9	2500
8	L'pool (Bidston)	1007·1	-10	SW	3	c	70	55	9	5	-	-	9	9	2500
	Manchester	1007·2	-14	SW'W	4	c	72	55	8	7	7	6	4-6	7-8	4000
9	Harrogate	1007·0	-6	SSW	3	c	70	55	7	8	-	-	9+	9+	4000
10	Spurn Head	1008·7	0	SW	3	bc	77	95	7	1	7	-	4-6	4-6	4000
	Catterick	1006·1	-10	SW'S	4	c	73	55	7	5	1	1	7-8	9	2500
	Tynemouth	1005·6	-4	SW	3	c	70	65	6	9	-	-	7-8	7-8	1500
11	Inchkeith	1003·5	-2	SW	4	c	64	85	8	8	-	-	9+	9+	2500
	Leuchars	1002·9	-2	S	3	c	68	65	8	5	-	-	9	9	1500
12	Renfrew (Abbotts I.)	1002·4	-2	S	4	c	66	75	8	8	3	-	4-6	9	2500
	Eskdalemuir	1004·4	-2	SSW	6	c	62	85	7	5	-	-	9+	9+	1500
13a	Tiree	998·3	0	S'E	5	c	63	85	7	5	-	-	9	9	2500
13g	Stornoway	996·5	-6	SSW	6	rr	58	95	6	8	2	-	4-6	10	800
15	Dalwhinnie	1002·0	-4	S	4	ir	59	95	8	8	2	-	7-8	9	800
	Aberdeen	1002·5	-6	S	3	c	63	85	7	8	3	-	7-8	7-8	1500
	Wick	999·8	-10	SE	4	c	56	95	8	8	9	8	4-6	9+	1500
16	Lerwick	1003·5	-10	SSE	4	c	56	85	8	4	7	8	2-3	9	1500
17	Blacksod Point	996·0	-20	S	5	iR	61	95	7	6	-	-	10	10	450
18	Malin Head	996·9	-20	S	4	c	69	85	8	8	9	-	4-6	9+	1500
	Aldergrove	1001·2	-10	S	5	c	69	65	9	8	-	3	9+	9+	2500
	Donaghadee	1002·2	-4	SSW	4	q	70	65	8	8	3	-	4-6	4-6	2500
19	Birr Castle	1001·1	-16	S	3	c	66	75	8	8	-	-	9+	9+	2500
20	Valentia Obsy.	998·7	-14	S'E	6	c	64	85	8	5	-	-	9+	9+	1500
	Roches Point	1003·5	-14	SW	3	c	62	95	7	3	-	-	7-8	7-8	1500

OBSERVATIONS at 18h. G.M.T. 30th July

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)
London (Kew)	1008·0	-14	SSW	3	b	80	45	9	-	3	-	0	Tr.	-	0	*
Croydon*	1008·7	-18	S	3	b	77	55	9	-	4	8	0	1	-	0	*
S. Farnborough	1007·3	-16	SSE	3	b	77	65	8	-	5	1	0	Tr.	-	0	*
Boscombe Down	1007·1	-14	S	2	bc	70	75	8	5	-	-	4-6	4-6	4000	0	*
Calshot, S'thmtn	1008·6	-20	E	3	bc	65	85	8	6	3	-	1	2-3	4000	0	2
Dungeness			NE	2	b			7	-	-	-	0	0	-	*	1
Lympne	1009·5	-20	ESE	2	b	76	55	9	-	-	-	0	0	-	0	*
Shoeburyness	1009·0	-14	S	1	b	76	75	8	-	-	-	0	0	-	0	*
Felixstowe	1009·7	-10	SSE	3	b	70	75	8	1	-	-	Tr.	Tr.	4000	0	1
Gorleston	1009·0	-6	SSE	4	bc	70	75	7	-	4	-	0	2-3	-	0	3
Cranwell	1006·9	-12	S	3	bc	75	55	9	1	3	8	1	4-6	4000	1	
Birmingham	1005·9	-10	S	3	bc	74	45	8	-	7	-	0	4-6	-	1	*
Upper Heyford	1007·1	-10	S	4	b	76	55	8	1	7	1	Tr.	1	4000	0	*
Ross-on-Wye	1005·9	-12	S'W	3	c	72	65	8	1	8	6	Tr.	9	4000	0	
Portland Bill	1006·2	-24	E	3	bc	62	95	8	5	4	1	2-3	4-6	2500	0	2
Plymouth	1006·0	-18	SE	3	c	65	85	8	5	9	2	2-3	9	800	0	1
The Lizard	1006·0	-16	S'E	4	pr	62	95	8	8	2	-	7-8	10	2500	0	2
Scilly (St. Mary's)	1004·4	-14	SSW	5	c	62	85	7	8	-	-	9+	9+	2500	0	3
Guernsey	1006·1	-20	NW	4	bc	74	65	7	-	7	-	0	4-6	-	0	2
Pembroke	1003·0	-8	SW	3	pr$_o$	61	95	7	5	-	-	9+	9+	4000	1	2
Holyhead	1002·6	-20	SSW	4	c	63	75	8	5	7	-	4-6	10	4000	0	2
Chester (Sealand)	1004·3	-18	SSE	3	c	73	55	8	6	2	8	7-8	9+	2500	0	*
L'pool (Bidston)	1004·0	-16	S	2	c	71	65	8	5	1	-	4-6	10	2500	0	
Manchester	1005·1	-14	SE	1	c	71	65	7	7	7	6	1	9	4000	0	*
Harrogate	1005·5	-6	SSW	1	c	69	65	7	6	1	7	1	10	4000	0	*
Spurn Head	1006·8	-6	SSE	4	bc	67	95	7	1	7	1	2-3	4-6	4000	0	3
Catterick	1004·9	-8	SW	2	c	70	55	7	-	7	-	0	10	-	0	*
Tynemouth	1005·0	0	SW	2	c	70	85	8	4	-	-	7-8	7-8	4000	1	1
Inchkeith	1003·3	-6	SW	4	c	62	85	8	8	3	-	4-6	9+	2500	0	2
Leuchars	1002·9	+2	S	3	c	64	75	9	5	-	-	9+	9+	4000	1	*
Renfrew (Abbotts I.)	1002·3	-2	S'W	4	c	64	75	7	8	3	6	7-8	9	2500	1	*
Eskdalemuir	1003·7	-2	SSW	4	c	60	85	8	5	-	-	9+	9+	1500	1	*
Tiree	996·7	-6	SSE	4	c	60	85	7	5	-	-	9+	9+	2500	0	3
Stornoway	996·3	-2	SSE	3	r$_o$r$_o$	58	95	8	8	2	-	9	10	1500	1	2
Dalwhinnie	1000·4	-4	S	5	bc	64	65	8	3	4	1	2-3	4-6	2500	0	
Aberdeen	1002·4	-2	S	3	bc	64	75	7	7	4	1	1	4-6	2500	0	1
Wick	999·4	-2	SSW	3	bc	59	85	8	4	1	-	4-6	4-6	2500	1	2
Lerwick	1002·1	-6	SSE	5	rr	56	95	6	6	-	-	10	10	450	1	
Blacksod Point	994·5	-4	S'W	3	c	62	85	8	3	6	-	7-8	7-8	1500	1	3
Malin Head	995·5	-10	S	4	r	64	95	6	6	2	-	9	10	800	1	1
Aldergrove	999·6	-10	SSE	5	c	63	85	9	5	1	8	4-6	9+	2500	1	
Donaghadee	1000·3	-8	SSW	5	q	62	85	8	8	3	-	4-6	7-8	2500	0	3
Birr Castle	998·4	-16	S	2	ir	63	85	7	6	2	-	7-8	10	2500	1	*
Valentia Obsy.	997·1	-2	S'W	4	c/r$_o$	61	95	8	8	-	-	9+	9+	800	1	4
Roches Point	1000·4	-18	SW	3	c/R	60	85	7	6	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

Stations	Weather 7h.–13h. 30th (37)	Weather 13h.–18h. 30th (38)	Weather 18h. 30th to 1h. 31st (39)	Weather 1h.–7h. 31st (40)
London (Kew)	cbc	bcby	byc	c
Croydon*	b-cbc	bvy	by bty	bcc
S. Farnborough	om$_o$cbcy	bcyby	bybcc	cr$_o$c
Boscombe Down	om$_o$bc	bcb	bc	bcom$_o$
Calshot, S'thmtn	cbcb	b	bbc	cd$_o$
Dungeness	c	b		o
Lympne	bcc	by	b,c	r$_o$otlc
Shoeburyness	b	b	bbc	c
Felixstowe	bbcy	b	b	b,ctlr$_o$c
Gorleston	cbcq	bcq	bcq	ctlrq
Cranwell	cbc	bcy	bcc	ctlrbc
Birmingham	bccb	bbc	cpr$_o$tl	pr$_o$bc
Upper Heyford	cbc	bcy	bybc	cpr$_o$c
Ross-on-Wye	cbcy	bycy	ccd$_o$	c
Portland Bill	c	cbc	c	c
Plymouth	c	c	ccd$_o$	crcd$_o$b
The Lizard	c	c	cpbc	cprbc
Scilly (St. Mary's)	c	cp$_o$	prrir	bccbc
Guernsey	obcb	bbc	cocbc	bcc
Pembroke	c	cpr$_o$c	circ	cprbc
Holyhead	d$_o$r$_o$c	c	circ	cr$_o$c
Chester (Sealand)	cv	cy	cr$_o$cr	r$_o$cbc
L'pool (Bidston)	cvcvy	cvyc	cp$_o$c	cb
Manchester	c	cy	cybcc	pRbc
Harrogate	bcc	c	c	tlRc
Spurn Head	bc	bc	bc	prc
Catterick	cy	cy	cy/o	otlrbcm
Tynemouth	obcc	cbc	c	ccrlbc
Inchkeith	c	bcc	circ	c
Leuchars	cr$_o$rrm$_o$c	c	cr$_o$c	cpr$_o$bc
Renfrew (Abbotts I.)	odm$_o$c	c	c	cr$_o$r$_o$m$_o$
Eskdalemuir	ir$_o$c	r$_o$c	c	r$_o$r$_o$c
Tiree	cbcc	cor	ccR	ccr$_o$
Stornoway	crr	crrr$_o$r$_o$	cr$_o$r$_o$	cr$_o$r$_o$
Dalwhinnie	ir	irbc		crobc
Aberdeen	cr$_o$r$_o$	cbc	bcc	cboz$_o$
Wick	circ	r$_o$rbc	bccpr	pr$_o$m$_o$
Lerwick	c	corrm$_o$	crrm$_o$c	cm$_o$
Blacksod Point	Rr	ir	cbcq	prc
Malin Head	c	c	cpr	cpr
Aldergrove	c	cq	cqpr$_o$	c
Donaghadee	cbcq	bccq	cq	cr$_o$bc
Birr Castle	c	cir	rrc	cocr
Valentia Obsy.	cir$_o$c	idir$_o$c	cprc	cprc
Roches Point	cpc	cRRc	ocrbc	bcc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 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 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.

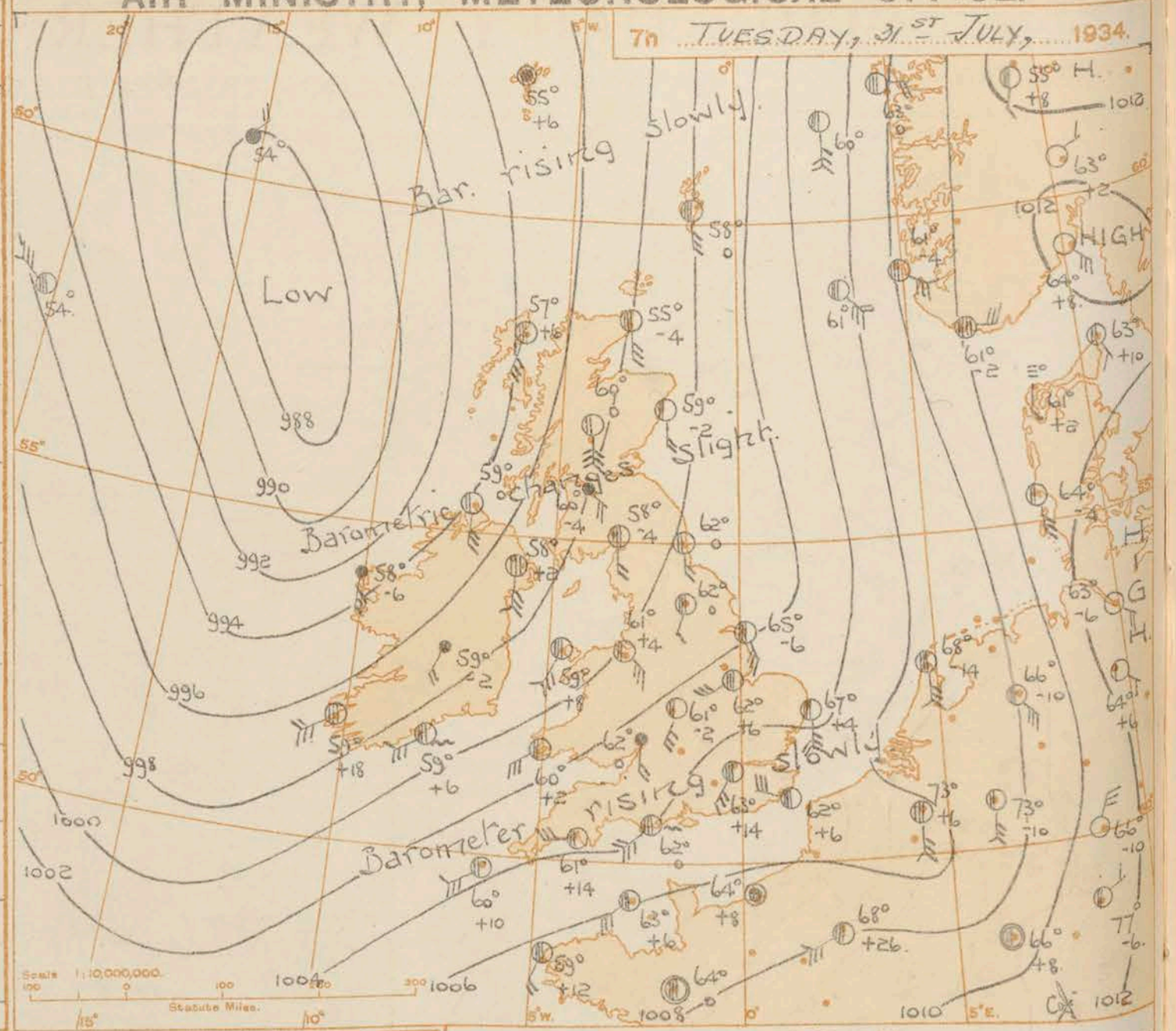
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 30th July 1934.

District.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 29th to 9h. 30th	Temperature. Max. 9h.—17h. 30th	Rainfall. Night. 17h. 29th to 9h. 30th	Rainfall. Day. 9h.—17h. 30th	Sunshine. Sunrise to 17h. 30th	Sunshine. Sunrise to Sunset. 29th.
1	Tunbridge W.	bcb	b	58	80	-	-	10·3	1·3
	Bournemouth	cbc	bbec	59	71	-	-	6·5	2·2
	Ventnor ...	ocb	b	59	72	-	-	4·2	1·0
	Southsea ...	bbc	bcb	60	70	Trace	-	7·4	2·1
	Bognor Regis	oc	cbcb	60	68	-	-	3·9	2·4
	Littlehampton	cbcb	b	59	72	-	-	4·3	1·5
	Worthing ...	c	cbcb	59	69	-	-	4·2	1·8
	Brighton ...	o	bcb	60	73	-	-	4·0	0·8
	Eastbourne†	oc	cb	60	68	-	-	4·1	1·6
	Hastings† ...	oc	cbcb	59	73	-	-	4·3	0·9
	Folkestone ...	bcco	cbcb	59	77	Trace	-	7·1	1·7
	Dover... ...	od	dob	59	74	Trace	Trace	6·9	0·7
	Deal	b	b	60	79	-	-	10·7	2·4
	Ramsgate ...	b	b	61	71	-	-	12·5	1·9
	Margate ...	bcb	b	60	81	-	-	12·1	1·9
2	Southend ...	b	b	63	82	-	-	11·9	2·1
	Maldon ...	b	bv	60	81	Trace	-	12·0	0·9
	Clacton-on-Sea	cbcb	b	61	73	-	-	12·1	1·8
	Dovercourt ...	rbcv	bv	60	74	4	-	12·2	1·2
	Lowestoft ...	bcb	b	60	74	0·2	-	10·1	2·8
	Skegness ...	bcb	b	64	75	-	-	9·4	2·3
	Mablethorpe	bc	bc	60	77	-	-	10·9	2·7
	Cleethorpes...	bc	bcb	59	78	-	-	8·1	3·9
3	Leamington S.	cbc	bcb	60	78	0·2	-	6·8	1·4
4	Cheltenham†	cbc	bgbc	60	76	-	-	6·5	0·6
5	Bath	bccbc	bbc	61	78	-	-	6·9	2·0
	Weymouth ...	cbc	bcmc	59	67	-	-	3·3	1·1
	Jersey ...	b	b	60	87	-	-	9·5	4·1
	Torquay ...	bco	obc	60	67	-	-	1·7	4·5
	Penzance ...	bcc	cbpc	61	66	-	Trace	0·5	4·8
	St. Ives ...	c	corcbc	62	67	-	Trace	1·4	6·0
	Bude	cbc	bcc	61	71	0·5	-	3·9	0·3
	Ilfracombe ...	cbcb	bcc	61	74	0·1	-	5·1	0·9
6	Aberystwyth	cbc	bcc	59	69	1	-	1·4	0·0
7	Llandudno ...	c	c	60	70	1	-	1·7	0·5
	Colwyn Bay...	cbcc	cbcc	61	73	-	-	3·1	1·0
	Rhyl	c	c	60	70	0·2	-	1·0	0·8
8	Wallasey ...	c	bcc	61	72	3	-	1·5	0·8
	Southport‖ ..	oc	bc	60	71	3	-	2·7	3·2
	Blackpool ...	c	co	61	71	3	-	2·5	6·4
	Morecambe ...	cbc	cbcc	61	68	9	-	1·0	8·9
9	Ilkley... ...	c	c	59	75	-	-	4·4	5·4
10	Berwick-on-T.	c	c	53	69	5	-	2·4	4·1
11	Dumbar ...	rbc	bc	52	69	7	-	0·7	6·2
12	Troon... ...	rococ	cbcc	57	66	6	-	1·4	4·4
	Douglas ...	cbq	cbcq	57	65	1	-	3·4	7·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. Thunder. Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

District.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st July, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate southwesterly wind; bright intervals, occasional local rain or showers, perhaps thunder; average temperature.
4. W. Midlands 5. S.W. England 6. South Wales	Moderate southwest or west wind; bright intervals and showers, perhaps local thunder; average temperature.
7. North Wales 8. N.W. England	Moderate southwesterly wind; bright intervals, occasional rain or showers; perhaps local thunder; average temperature.
9. N Midlands 10. N.E England 11 S.E. Scotland	Light or moderate south to southwest wind; cloudy, bright intervals, occasional rain or showers, perhaps thunder; average or rather high temperature.
12. S W. Scotland & Isle of Man 13. A W Scotld. B N.W. Scotland. 14. Mid-Scotland 15. N E Scotland 16 Orkneys and Shetlands. 17. N W. Ireland 18. N E. Ireland	Moderate south to southwest wind; bright intervals, occasional rain or showers, perhaps local thunder; average or rather high temperature.
19. S E. Ireland 20. S W. Ireland	Moderate westerly winds; bright intervals, occasional rain or showers, perhaps local thunder; average temperature.

GENERAL INFERENCE.

A large depression is centred off Northwest Ireland. Weather will be unsettled with showers or occasional rain in most districts and perhaps local thunder.

FURTHER OUTLOOK.

Unsettled.

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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 31st July 1934.

No. 26548

OBSERVATIONS at 1 hr. G.M.T. 31st July

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	1003·3	-30	SE	4	c	72	65	8	7	7	-	2-3	7-8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1004·3	-30	SEE	5	c	72	55	8	5	-	-	9	9	5700
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1005·0	-22	SE	5	bc	67	85	7	-	5	-	0	2-3	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1003·8	-8	W	4	c	61	85	7	4	-	-	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1003·0	-6	SW	4	c	61	95	8	4	2	-	9	10	2500
	Scilly (St. Mary's)	163	1001·7	-8	WSW	3	bc/r	57	95	6	9	-	-	4-6	4-6	1500
	Guernsey	175	1005·6	-8	W'S	3	bc	60	95	8	-	7	-	0	4-6	-
6	Pembroke	142	1000·7	-12	SSW	5	r/r	61	95	6	9	-	-	9+	9+	1500
7	Holyhead	26	1000·1	-12	S	4	c/r	61	85	7	5	2	-	7-8	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1003·4	-14	S	3	c	64	95	7	3	7	-	2-3	7-8	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1002·8	-16	SW	3	c	61	85	6	6	-	-	9+	9+	1500
11	Inchkeith	190	1001·7	-10	SW	1	c	58	95	8	8	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'n)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13c	Stornoway	34	999·5	-4	S	4	r/c	57	95	6	6	2	-	9	10	800
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	999·2	-4	WSW	3	pr	57	95	8	8	1	-	7-8	9	1500
16	Lerwick	54	1001·2	0	S	3	c	55	95	7	5	7	-	7-8	9+	1500
17	Blacksod Point	18	999·6	-8	S	2	bc	62	85	7	3	-	-	4-6	4-6	4000
18	Malin Head	52	999·9	-6	S	3	c	59	95	7	3	4	9	4-6	7-8	1500
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	999·8	-6	S	3	bc	58	95	8	6	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 31st July

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)	1005·2	+22	SSW	2	c	65	75	8	-	7	-	0	9+	-	0	*
	Croydon	1005·1	+14	SSW	3	c	63	85	8	4	7	-	1	9	2500	0	*
	S. Farnborough	1004·8	+18	S'W	3	c	62	85	7	5	7	-	2-3	9	2500	0	*
	Boscombe Down	1003·9	0	S	3	c	60	95	6	5	-	-	10	10	1500	0	*
	Calshot (S'thmtn)	1005·3	+6	S	4	$d_o d_s$	63	85	6	5	2	-	9+	10	1500	0	2
	Dungeness	*	*	WSW	2	c	*	*	7	8	7	*	7-8	10	2500	*	0
	Lympne	1004·7	+6	WNW	3	c	62	85	8	5	2	-	7-8	10	4000	0	*
2	Shoeburyness	1004·5	+20	SW	3	c	66	95	7	-	7	-	0	9+	-	0	*
	Felixstowe	1004·8	+20	SSW	3	c_o	68	75	7	5	7	-	7-8	10	2500	0	0
	Gorleston	1003·8	+4	S	5	c	67	85	6	8	-	-	9+	9+	2500	1	3
	Cranwell	1002·6	+6	SW	3	c	62	85	6	5	3	6	2-3	9	4000	1	*
3	Birmingham	1002·5	-2	SSW	3	bc	61	85	8	2	9	-	1	4-6	2500	1	*
	Upper Heyford	1003·8	+4	SSW	2	c	60	95	8	5	-	-	9+	9+	2500	0	*
4	Ross-on-Wye	1002·5	0	S	2	$c d_o$	62	85	7	5	7	-	9	9+	2500	0	*
5	Portland Bill	1003·8	0	SW	5	c	62	95	7	4	-	-	10	10	1500	0	4
	Plymouth	1003·9	+14	W	3	bc	61	95	7	8	3	-	2-3	2-3	2500	1	2
	The Lizard	1004·1	+6	WSW	4	bc	60	95	8	8	4	-	4-6	4-6	2500	1	3
	Scilly (St. Mary's)	1003·4	+10	SWW	4	bc	60	95	7	2	4	3	2-3	4-6	2500	1	3
	Guernsey	1006·0	+6	SW	5	c	63	85	8	8	-	-	9+	9+	2500	0	3
6	Pembroke	1000·3	+2	WSW	3	bc	60	95	7	7	8	-	2-3	4-6	5700	1	2
7	Holyhead	999·9	+8	SSW	4	c	59	95	7	5	-	-	9+	9+	800	1	2
	Chester (Sealand)	1001·0	+4	SE'S	3	c	61	85	7	5	8	3	4-6	7-8	2500	1	*
8	L'pool (Bidston)	1001·0	+2	SSE	3	bc	62	85	8	-	4	-	0	2-3	-	0	*
	Manchester	1001·2	+4	SSW	3	3_o	61	85	6	7	5	4	2-3	4-6	4000	1	*
9	Harrogate	1001·8	0	SSW	1	c	62	95	5	5	9	9	Tr	9	2500	1	*
10	Spurn Head	1001·2	-6	S'E	3	c	65	95	7	-	7	8	0	7-8	-	1	2
	Catterick	1000·5	0	SSE	2	c	61	95	5	5	-	1	4-6	7-8	1500	1	*
	Tynemouth	1000·4	0	S	2	bc	62	95	6	2	-	1	4-6	4-6	2500	1	1
11	Inchkeith	999·3	-2	SE	1	c	61	85	8	8	7	-	2-3	9+	2500	0	0
	Leuchars	998·8	-2	SE	3	c	60	85	7	5	4	-	7-8	9	1500	1	*
12	Renfrew (Abbotts'n)	997·6	-4	ESE	2	c_o	60	95	6	6	2	-	7-8	10	1500	1	*
	Eskdalemuir	998·5	-4	S'E	2	c/r	58	95	7	5	-	-	9+	9+	1500	1	*
13a	Tiree	994·6	+2	SSE	3	c	58	95	7	5	7	-	4-6	7-8	2500	1	3
13c	Stornoway	994·8	+6	SSW	3	c	57	95	8	8	6	9	4-6	7-8	1500	1	1
15	Dalwhinnie	997·9	0	S	6	bc	60	85	8	4	4	1	4-6	4-6	1500	1	*
	Aberdeen	999·2	+2	S	2	3_o	59	95	6	2	4	-	1	4-6	220	0	0
	Wick	997·7	-4	SSE	3	3_o	55	95	6	5	1	-	7-8	10	1500	1	2
16	Lerwick	1001·3	0	S'E	3	c	58	95	6	5	7	-	4-6	7-8	450	0	*
17	Blacksod Point	992·1	-6	S	3	pr	58	95	7	6	-	-	9+	9+	1500	1	3
18	Malin Head	993·8	0	S	3	bc	59	95	8	4	4	3	Tr	2-3	1500	1	1
	Aldergrove	997·1	-2	S	4	c	58	85	8	5	3	4	7-8	7-8	800	1	*
	Donaghadee	997·7	-2	S'W	2	bc	60	85	8	8	3	-	2-3	4-6	2500	1	1
19	Birr Castle	996·5	-2	SSW	2	r/r	59	85	7	6	-	-	10	10	1500	1	*
20	Valentia Obsy.†	997·4	+18	WSW	5	c/pr	59	95	7	5	-	-	9+	9+	800	1	5
	Roches Point	999·9	+6	SW	4	c	59	95	7	3	-	4	4-6	7-8	1500	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)	Night 18h-7h mm. (35)	Sunshine 30% Hrs. (36)
1	London (Kew)	80	63	61	-	-	~~12·9~~ 12·5
	Croydon	77	63	60	-	-	13·0
	S. Farnborough	79	59	58	-	Tr	11·3
	Boscombe Down	75	55	53	-	-	7·2
	Calshot (S'thmtn)	72	59	57	-	Tr	10·5
	Dungeness	68	61	*	Tr	-	*
	Lympne	76	61	60	-	Tr	11·7
2	Shoeburyness	79	64	60	-	-	13·9
	Felixstowe	73	64	61	-	Tr	14·1
	Gorleston	75	64	64	-	1	12·0
	Cranwell	77	58	54	-	2	11·5
3	Birmingham	75	57	53	-	0·2	7·0
	Upper Heyford	79	57	50	-	Tr	*
4	Ross-on-Wye	77	59	55	-	Tr	7·5
5	Portland Bill	63	59	*	-	-	*
	Plymouth	66	59	57	-	0·4	4·2
	The Lizard	66	57	*	Tr	0·6	*
	Scilly (St. Mary's)	65	57	*	Tr	1·2	0·4
	Guernsey	74	60	57	-	-	8·5
6	Pembroke	64	57	*	0·1	1	0·1
7	Holyhead	65	58	56	Tr	0·3	0·2
	Chester (Sealand)	73	56	48	-	0·3	0·1
8	L'pool (Bidston)	71	59	57	-	Tr	0·7
	Manchester	74	52	51	-	3	3·7
9	Harrogate	73	59	55	-	4	3·7
10	Spurn Head	70	62	*	-	0·3	8·4
	Catterick	75	57	55	-	4	3·0
	Tynemouth	73	58	57	-	3	*
11	Inchkeith	65	57	50	Tr	0·2	1·3
	Leuchars	70	56	54	2	Tr	2·7
12	Renfrew (Abbotts'n)	70	59	58	Tr	0·6	2·4
	Eskdalemuir	66	55	52	0·5	1	1·0
13a	Tiree	65	56	53	1	7	1·3
13c	Stornoway	63	56	*	10	6	0·4
15	Dalwhinnie	64	55	53	1	Tr	1·7
	Aberdeen	67	56	53	0·4	-	4·4
	Wick	61	55	*	1	0·1	*
16	Lerwick	57	54	*	1	Tr	0·5
17	Blacksod Point	63	57	*	5	1	*
18	Malin Head	70	55	*	-	2	1·9
	Aldergrove	71	56	54	-	0·2	4·3
	Donaghadee	70	56	*	-	1	*
19	Birr Castle	70	54	50	0·1	15	1·7
20	Valentia Obsy.†	65	57	55	1	4	1·8
	Roches Point	66	56	*	"	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	Weather Night	Temperature Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 16h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cbc	bc6y	6yc	80	63	61	-	-	12·3	*	*	8
Croydon	217	5,cbc	6uy	66ccy	77	63	60	-	-	13·0	*	*	7
Greenwich (Royal Observatory)	149	cbcy	bc6y	bc	82	63	58	-	-	13·0	50	75	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	11·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	79	63	61	-		12·3	53	74	*
Regents Pk. (Botanic Gardens)	189	*	*	*	80	63	61	-	-	11·3	61	79	*
Camden Square	110	cbc	bc6	*	80	63	59	-	-	*	*	75	*
Kensington	80	cocbc	6cc	*	80	63	61	0·4	-	12·1	At 18h. 47	76	*
Hampstead Observatory	450	bc	6	6	77	53	58	-	-	11·8	*	89	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 31st

South Kensington Max.	Time.	Min.	Time.
20·3	entire period		

Kew Observatory Max.	Time.	Min.	Time.
0·1	20h. 30%	0·1	11½-19h 30%

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 30th July Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 31st July Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1008·7	SE.	2	6	86	1008·3	SW	4	c/r	68	88	64	-	0·4
Brussels	1010·6	SSW	2	6	79	1005·8	SSE	4	c		81	50	-	-
Berlin	1012·7	W	2	bc	73	1013·9	-	0	3_o	70	75	59	-	-
Zurich	1018·2	ESE	2	6							86			
Rome		WNW	3	6	75								-	

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.