M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1935.

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.

3324/5

1h. G. M. T.

7h. Local Time.

Oh. G.M.T.

Land

Ships. Oh. G.M.T.

Ships 6h. G.M.T.

Stations 6h G.M.T

6h G.M.T

8h. G.M.T

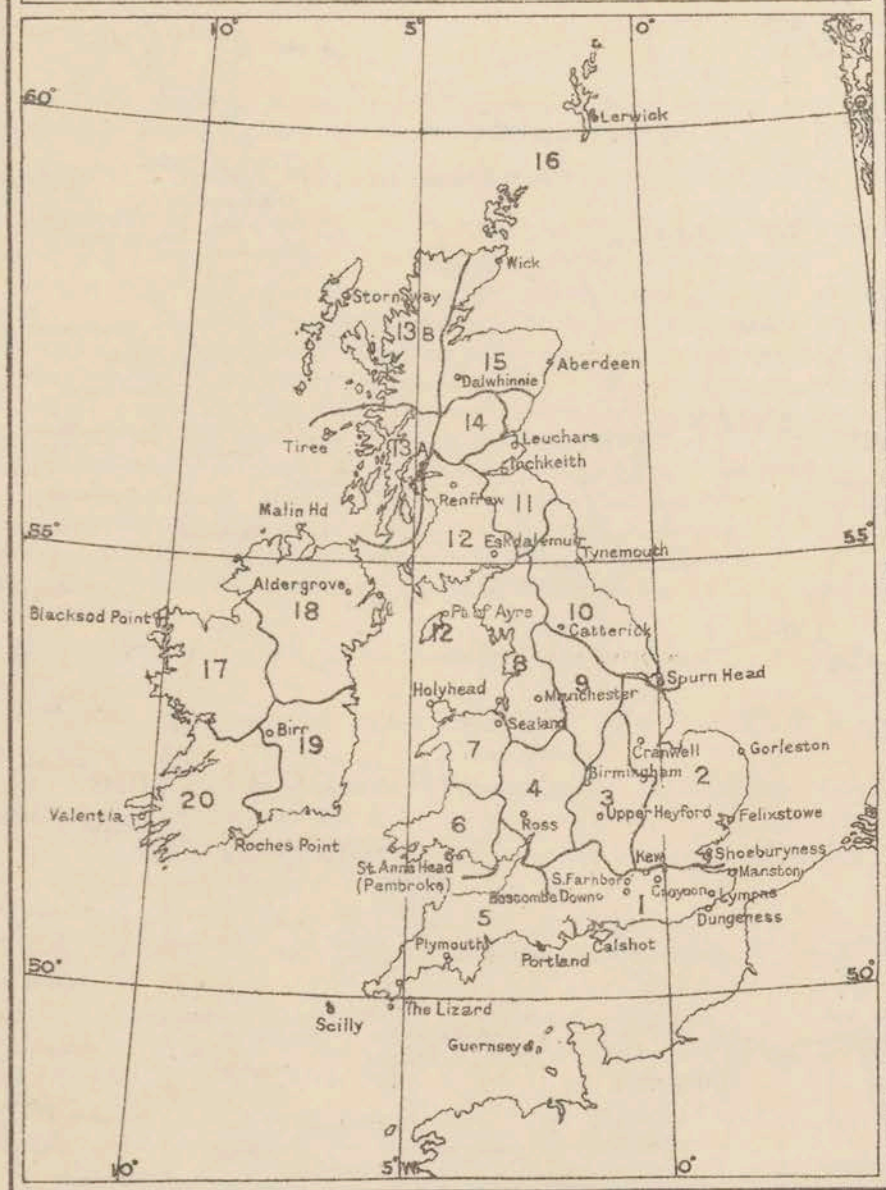
7h. G.M.T.

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

Statute Miles 0 1 2 3 4 500

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

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS
and the Counties comprised within them.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

14. *Mid. Scotland.*
    Perth.

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

16. *Orkney and Shetland.*

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.

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.

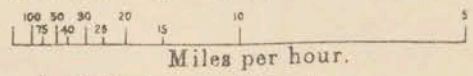
The wind at a height of 1,500-2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the 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. G.23(2958).4188(22).2...3 Gp.910.300.10/33.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

JULY, 1935. No. 223.

Warm, sunny and mainly dry.

The outstanding features of the month were (1) The widespread excess of sunshine: At Cranwell, Eskdalemuir, Gorleston, Inchkeith and Lympne no sunnier July has been experienced since records began. The total at Gorleston was the highest recorded for any month. (2) The marked deficiency of rainfall in many districts: the totals at Abbotsinch, Aldergrove, Holyhead, Lympne and Tynemouth were the lowest reported for July at these stations since records began. (3) The establishment and continuance in the first half of the month of an absolute drought which had commenced in the latter part of June at many stations in South and East England; Gorleston's drought lasted 24 days up to 14th. (4) The consistently high day temperatures particularly in Southern England: South Farnborough reached or exceeded 80°F. on 13 days.

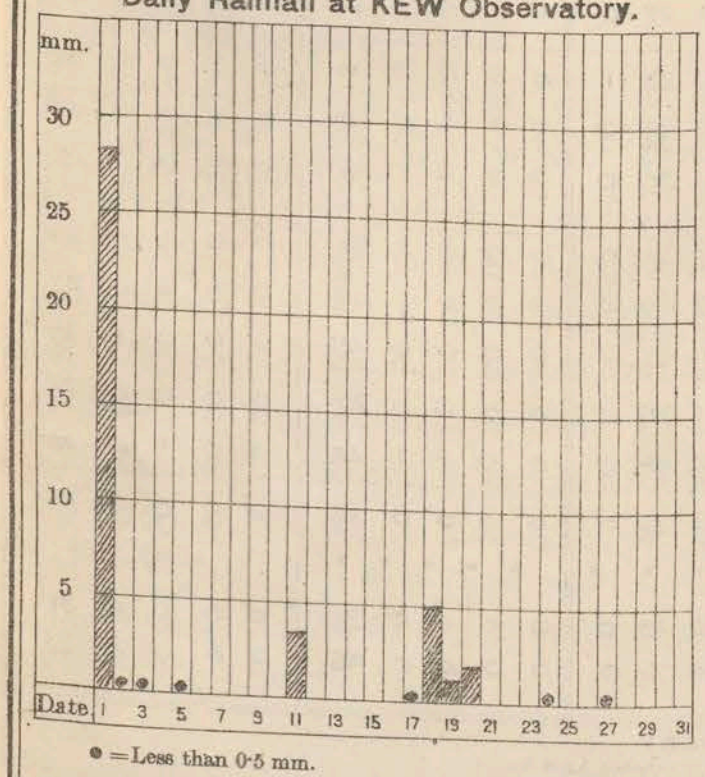
From 1st to 5th depressions, with associated secondaries, moving northeast on the Atlantic maintained unsettled conditions in the West and North, with westerly winds, fresh to strong at times, and average temperatures; while in the South and East conditions were dry and sunny, with temperatures above normal. Thunderstorms occurred locally in North Scotland on 3rd and were widespread on the night of 1st in South and East England as a shallow depression crossed these areas. [Calshot 40 mm. (1.57 in.) of rain on 1st.]

From 6th to 16th pressure was high over the south and low to north of the country. Winds were variable light to moderate and weather sunny and mainly dry, with temperatures above average. Local thunderstorms occurred in South England on 11th and in North England on 14th. In Ireland and Scotland secondaries caused occasional rain, but there were sunny periods. Coastal fog persisted in the English Channel on 10th and 11th and in the Shetland area on 13th.

From 17th to 22nd depressions, with associated troughs, maintained unsettled weather generally, with rain, heavy locally in the West and North. [Lerwick 85 mm. (3.35 in.) on 20th.]; there was also considerable sunshine in many districts. Winds were mainly westerly, strong at times in the North, and temperatures below average. Thunderstorms occurred in North England on 17th, over a wide area on 18th and in Southeast England (heavy locally) on 20th.

From 23rd to 31st pressure was high over England while a deep depression moved from north of Scotland to the Baltic. Winds were southwest to west, veering later to north, strong at times locally in the north. There was occasional rain at first in Ireland and Scotland, but elsewhere conditions were mainly dry and sunny; the fine weather became general from 29th onwards. Day temperatures exceeded the average in many areas, but the nights were cool at the end of the month-on 31st South Farnborough reported a grass minimum temperature of 29°F. Fog occurred on the southwest coasts on 22nd, 27th and 28th.

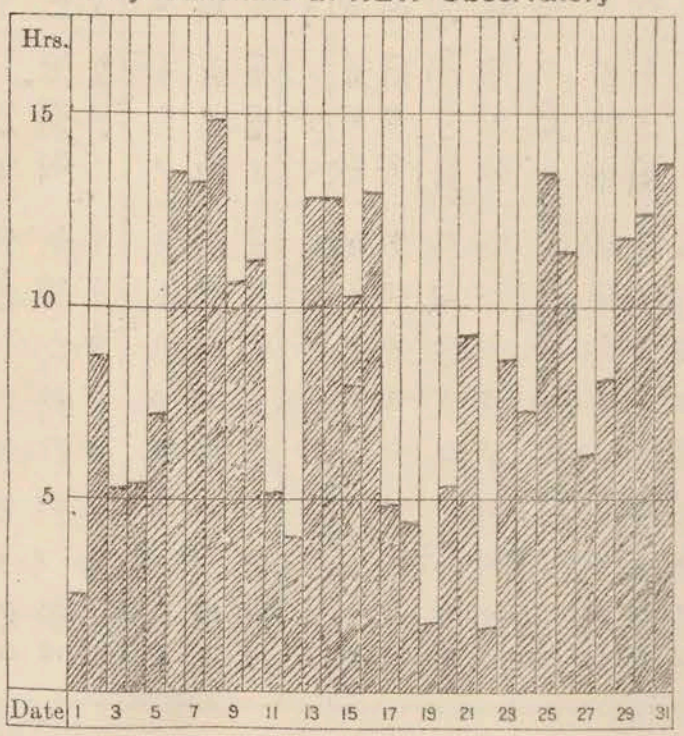
Daily Rainfall at KEW Observatory.



● = Less than 0·5 mm.

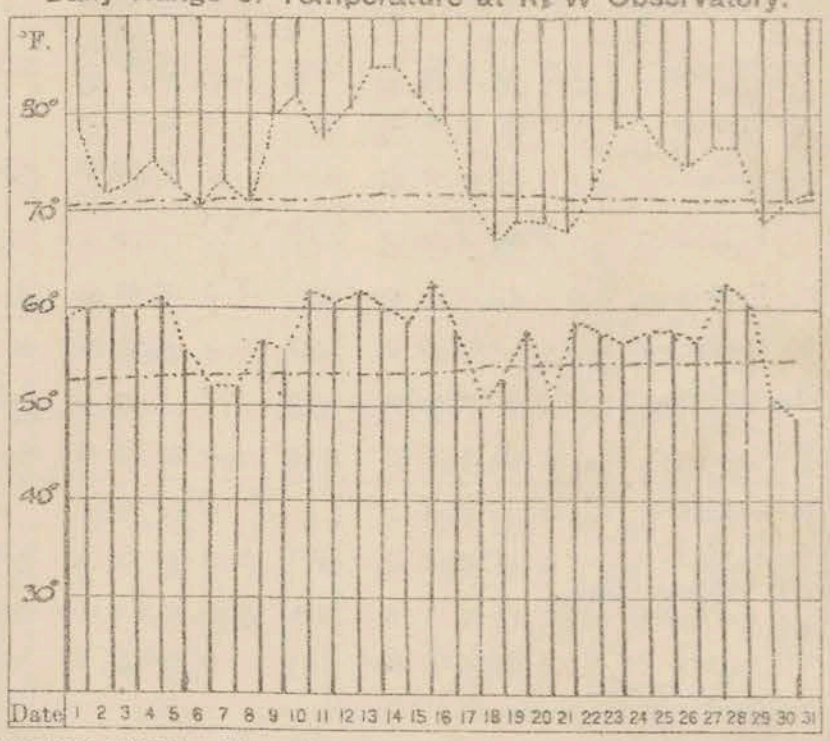
RAINFALL. Total for Month. 41 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 272 hrs.

Daily Range of Temperature at KEW Observatory.



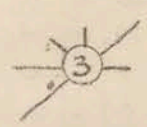
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F.	°F.
Kew	1020.0	+4.2	66.3	+3.6
Aberdeen	1015.9	+2.9	57.8	+1.1
Valentia	1021.7	+5.6	59.3	+0.4

*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.

Kew	Aberdeen	Valentia
		
3	4	4

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 ...	5,299
Aberdeen ...	6,465
Lerwick ...	13,115
Valentia ...	6,500

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

District	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. 33°-41°	42°-50°	51°-59°	60°-68°	Average Minimum. °F.	Extremes—Warmest and Coldest. Days. Highest Max. °F.	Date.	Lowest Max. °F.	Date.	Nights. Highest Min. °F.	Date.	Lowest Min. °F.	Date.	Number of Ground Frosts.	LOW CLOUD. Number of observations within fixed limits. 7 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	13 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	18 h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	FOG, MIST and GOOD VISIBILITY. Number of observations within fixed limits. 7 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	13 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London ... (Kew Obsy).	0	2	18	11	0	72·4	0	1	19	11	55·7	85	14, 15	67	18	63	16, 28	49	31	0	1	15	1	0	25	2	0	22	3	0	0	0	1	13	0	0	0	0	27
	Croydon ...	0	4	17	10	0	71·5	0	4	20	7	54·1	85	13	67	18, 19, 20	62	12, 26, 28	46	31	0	5	11	2	0	23	0	0	25	0	0	0	1	0	12	0	0	0	0	28
	Calshot** ... (Southampton)	0	6	17	8	0	69·4	0	1	20	10	55·7	84	14	65	19	64	12	50	21	0	5	14	0	0	22	0	1	20	0	0	1	0	0	21	0	0	0	0	25
	Lympne ...	0	12	15	4	0	68·3	0	5	23	3	53·5	81	13	65	7, 18, 19	61	12, 13	46	8, 31	0	7	10	2	1	25	1	1	14	3	0	0	0	1	17	0	0	0	0	29
2	Shoeburyness ...	0	3	24	4	0	71·4	0	1	24	6	54·0	82	16	65	8, 31	63	16, 28	44	31	0	1	14	2	0	23	1	1	15	0	0	0	0	2	15	0	0	0	0	25
	Gorleston ...	0	16	14	1	0	67·8	0	6	16	9	55·0	80	4	61	8	63	28	44	31	0	0	22	0	2	21	0	0	19	0	0	0	0	0	12	0	0	0	0	20
	Cranwell ...	0	6	14	9	2	70·3	0	12	16	3	52·2	89	13, 14	64	18	61	5, 24	42	9	0	3	12	3	0	26	3	0	24	1	0	0	1	1	13	0	0	0	0	25
3	Birmingham ... (Edgbaston)	0	8	18	5	0	68·1	0	5	22	4	53·6	86	13	62	19	61	13, 14, 24, 28	47	31	0	0	19	0	0	25	0	0	24	2	0	0	0	0	15	0	0	0	0	23
4	Ross-on-Wye ...	0	5	20	6	0	70·2	0	6	22	3	53·3	86	13	61	19	62	28	45	31	0	1	20	0	0	24	2	0	26	1	0	0	0	0	19	0	0	0	0	28
5	The Lizard ...	0	21	9	1	0	*	0	0	29	2	*	79	24	61	19	60	15, 25	52	30	*	7	22	0	1	30	0	1	28	0	0	1	5	0	22	0	0	0	1	29
7	Holyhead ...	3	26	2	0	0	62·3	0	0	31	0	54·7	72	8	57	1	59	10, 27	51	31	0	5	21	1	2	26	1	0	23	1	0	0	0	0	30	0	0	0	0	31
8	Chester ... (Sealand)	0	17	9	5	0	68·3	1	6	21	3	52·9	81	12	62	6, 20, 29	62	5	38	31	0	2	24	0	0	29	0	0	24	0	0	0	0	0	10	0	0	0	0	25
10	Tynemouth ...	0	23	6	2	0	64·1	0	5	23	3	53·4	78	10, 23	60	30	60	5, 23, 27	47	30	0	1	30	0	1	30	0	1	30	0	0	0	2	1	15	0	0	0	0	25
11	Inchkeith** ...	2	26	3	0	0	62·6	0	7	23	1	52·6	77	13	57	1	60	23	47	30	0	3	28	0	1	30	0	0	31	0	0	0	1	2	21	0	0	1	0	29
12	Renfrew ...	0	22	9	0	0	65·5	2	15	12	2	51·2	77	12	61	4, 19, 28	61	23	39	31	0	7	18	1	3	28	0	5	24	0	0	0	0	1	18	0	0	0	0	27
	Eskdalemuir ...	1	20	10	0	0	63·3	5	14	12	0	48·3	76	12	59	16	57	13	35	30	2	5	19	0	3	26	1	0	27	0	0	0	0	0	25	0	0	0	1	27
13B	Stornoway	10	21	0	0	0	60·6	0	12	19	0	49·7	68	8	54	20	57	9	46	30	*	3	27	0	1	29	0	1	29	0	0	0	0	0	27	0	0	0	0	28
15	Aberdeen ...	2	19	9	1	0	63·6	1	13	17	0	51·4	78	23	57	1	57	23	41	19	0	4	19	2	1	27	0	3	19	0	0	0	1	1	26	0	0	1	0	25
18	Aldergrove ...	0	20	11	0	0	*	0	16	14	1	*	75	22	62	3, 18, 19, 29	63	23	44	1, 11, 31	0	9	21	0	3	27	0	5	25	0	0	0	0	0	28	0	0	0	0	28
19	Dublin ... (Phœnix Park)	0	15	14	2	0	66·7	0	13	16	2	50·3	79	13, 23	64	21	60	4, 23	42	31	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Birr Castle ...	0	17	13	1	0	66·5	0	13	17	1	52·2	78	12	62	3	61	23	42	1, 30	0	0	25	0	0	30	0	0	29	0	0	0	0	0	31	0	0	0	0	31
20	Valentia ... (Cahirciveen)	0	27	4	0	0	63·2	0	7	22	2	54·4	75	7	60	16	60	8	46	12	0	12	17	0	13	18	0	14	16	0	0	0	0	0	26	0	0	0	0	23

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	DUXFORD. Mean. °F.	No. of Reports.	S. FARNBOROUGH. Mean. °F.	No. of Reports.
950	1330	57.5	58.5	46	62·9	17
850	4840	47.3	49.2	46	51·3	18
750	8180	38.5	41.8	46	41.9	18
650	11920	27.5	31.5	46	33.7	7
550	16170	13.1	18.7	44	-	-

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	20	41	4	0	0	61	21	38	2	0	0	68	15	43	10	0	0	68	13	38	16	1	0	2,000
5,000	38	10	26	2	0	0	27	13	14	0	0	0	45	10	27	8	0	0	40	10	18	12	0	0	5,000
10,000	14	5	7	2	0	0	9	3	6	0	0	0	23	3	13	7	0	0	22	3	7	12	0	0	10,000
15,000	2	1	1	0	0	0	0	0	0	0	0	0	11	2	8	1	0	0	10	3	3	3	1	0	15,000

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

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C 2.
George C. Simpson, K.C.B., D.Sc., F.R.S., Director.

SUNSHINE, RAINFALL, AND HUMIDITY July 1935.

District	Stations.	SUNSHINE. Number of Days with Duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. Hrs.	Year.	Lowest. Hrs.	Year.	RAINFALL. ‡Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. mm.	Difference from Average. mm.	Total for Month.‡ mm.	Difference from Average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
1	London ... (Kew Obsy.)	0	3	7	6	15	14.9	8	1511	+46	272	+77	1880	334	'11	104	'88	26	0	3	1	0	1	28	1	578	-28	41	-14	1856	124	'80	4	'21	2	0
	Croydon ...	0	2	6	6	17	14.6	8	1443	-167	271	+53	1922	287	'28	132	'27	24	2	2	3	0	0	12	1	704	+25	34	-26	1921	100	'24	3	'21	2	0
	Calshot** ... (Southampton)	0	3	4	7	17	15.3	8	1664	-117	286	+57	1881	350	'11	116	'88	26	1	3	0	0	1	40	1	844	+198	47	+6	1871	157	'88	3	'11	2	0
	Lympne ...	0	0	5	8	18	14.6	14	1692	-84	307	+71	1921	304	'28	153	'27	26	2	3	0	0	0	2	20	714	-10	6	-48	1920	126	'27	8	'21	3	0
2	Shoeburyness ...	0	3	3	2	23	14.3	9, 31	1732	+16	311	+90	1919	311	'28	128	'19	25	2	4	0	0	0	3	18	423	-57	8	-36	1920	81	'20	7	'21	4	0
	Gorleston ...	0	2	5	5	19	15.5	8	1774	+125	309	+103	1908	289	'11	103	'10	26	2	1	1	1	0	18	20	574	-48	30	-29	1871	150	'75	7	'97	2	0
	Cranwell ...	0	1	9	9	12	14·0	30	1635	+85	266	+61	1921	265	'28	120	'32	24	3	3	1	0	0	8	18	490	-100	17	-42	1917	251	'32	10	'21	3	0
3	Birmingham ... (Edgbaston)	0	3	12	5	11	14.3	8	1418	+120	237	+66	1887	271	'11	67	'87	25	2	4	0	0	0	3	20	636	-38	10	-49	1893	148	'22	7	'11	0	0
4	Ross-on-Wye ...	1	3	5	8	14	14.4	6	1486	+6	267	+69	1915	271	'34	122	'27	25	5	1	0	0	0	3	19	604	-114	6	-51	1859	197	'72	6	'11	0	0
5	Falmouth ... (Observatory)	1	7	5	4	14	15·3	7	1520	-205	232	+11	1881	346	'11	135	'90	24	4	2	1	0	0	7	19	1036	-71	11	-61	1871	178	'24	8	'13	0	0
7	Holyhead ...	0	7	4	5	15	15·3	7	1580	+35	249	+60	1914	255	'34	123	'20	21	6	4	0	0	0	2	10	936	+48	8	-58	1871	197	'20	11	'34	0	0
8	Chester ... (Sealand)	0	8	10	4	9	14.3	6	1424	+73	200	+40	1923	244	'34	112	'31	21	4	4	2	0	0	7	16	642	-19	26	-34	1922	126	'24	18	'34	2	0
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	23	5	3	0	0	0	3	5, 16, 19	675	+54	12, 13	-49	1915	140	'26	24	'19	0	0
11	Inchkeith** ...	2	7	5	3	14	14.9	11	1407	-21	225	+54	1923	213	'34	100	'31	21	4	5	1	0	0	7	19	441	-113	19	-39	1870	142	'16	13	'13	1	0
12	Renfrew ...	1	9	8	3	10	15.2	29, 30	1218	+20	203	+60	1921	231	'34	86	'31	17	5	8	1	0	0	11	19	962	+37	35	-36	1921	113	'30	45	'25	0	0
	Eskdalemuir ...	3	5	6	6	11	14.8	24	1249	+45	217	+71	1910	199	'11	75	'31	17	4	5	5	0	0	11	18	1604	+175	63, 64	-41	1910	211	'32	25	'13	0	0
13B	Stornoway ...	1	13	7	7	3	14.0	8	1323	+92	148	0	1881	227	'17	79	'16	15	2	9	5	0	0	10	20	1148	-118	62	-15	1870	175	'71	22	'13	1	0
15	Aberdeen ...	1	4	8	8	10	14.1	8	1348	+18	223	+72	1881	239	'11	83	'31	13	6	8	3	1	0	17	17	907	+159	74	+3	1871	150	'18	14	'78	1	0
18	Aldergrove ...	1	6	10	4	10	15.0	11	1305	*	200	*	1927	217	'34	97	'31	18	4	7	1	0	0	6	19	868	*	27	*	1926	145	'32	66	'28, '33	1	0
19	Dublin ... (Phœnix Park)	0	9	4	7	11	14.3	8	1474	+19	215	+33	1881	235	'98	93	'31	19	6	6	0	0	0	3	19	703	-2	17, 16	-51	1865	140	'15	16	'68	0	0
	Birr Castle ...	4	9	5	3	10	13.6	7	1405	+94	178, 187	+30	1881	224	'11	94	'30	15	11	4	1	0	0	7	17	857	+28	24	-51	1872	186	'80	8	-	0	0
20	Valentia ... (Cahirciveen)	9	5	3	1	13	15.1	11	1374	+2	186	+28	1880	235	'18	71	'32	14	9	4	4	0	0	7	9	1545	+131	35	-61	1866	221	'73	22	'98	0	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	2	8	10	9	2	0
Ross-on-Wye ...	0	0	0	7	5	15	3	1	0
Falmouth (Obsy.)	0	0	7	10	1	10	3	0	0
Renfrew ...	0	1	5	8	7	8	2	0	0
Eskdalemuir ...	0	3	3	9	12	1	3	0	0
Aberdeen ...	1	0	1	7	9	11	1	1	0
Valentia ...	2	9	8	7	4	1	0	0	0

STATE OF GROUND AT 18 h.

No. of Days each type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew)	24	7	0	0	0	0	0	0	0	0
Ross-on-Wye	31	0	0	0	0	0	0	0	0	0
Renfrew ...	21	10	0	0	0	0	0	0	0	0
Eskdalemuir	1	30	0	0	0	0	0	0	0	0
Aberdeen ...	17	14	0	0	0	0	0	0	0	0
Valentia ...	16	15	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, ... 1935.

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.

Pe.485/2815. Wt.17c. 0.22. Ga.908. 840. 6/35.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 1st July, 1935.

No. 26884.

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1019.6	-6	E	3	c	78	45	7	–	–	7	0	9	–
	Croydon ...	1018.9	-10	NE	3	bc	77	45	8	–	–	2	0	4-6	–
	S. Farnborough	1018.9	-6	NE'E	2	bc	81	45	6	1	–	8	2-3	4-6	5700
	Boscombe Down	1018.7	-8	–	0	c	78	55	8	–	–	2	0	7-8	–
	Calshot (Sthmtn.)	1019.0	0	ESE	3	3o	74	65	6	1	3	5	Tr	4-6	4000
	Lympne ...	1019.3	-10	NE	4	bc	72	65	7	–	–	6	0	2-3	–
	Manston ...	1019.6	-14	ENE	4	bc	69	75	7	–	–	6	0	2-3	–
2	Shoeburyness ...	1020.2	-16	ENE	3	bc	71	75	8	–	–	1	0	4-6	–
	Felixstowe ...	1020.6	-14	NE'E	3	bc	69	65	7	–	–	4	0	4-6	–
	Gorleston ...	1021.9	-10	ENE	3	bc	64	75	7	–	–	5	0	2-3	–
	Mildenhall ...	1020.1	-14	E'N	2	bc	78	45	8	1	3	4	1	4-6	4000
	Cranwell ...	1020.7	-8	SE'E	2	c	78	45	7	1	–	6	4-6	7-8	4000
3	Birmingham ...	1020.0	-6	NNW	1	c	75	45	6	6	1	–	4-6	7-8	4000
	Upper Heyford	1019.8	-10	ESE	2	bc	77	55	8	1	4	8	2-3	4-6	5700
4	Ross-on-Wye	1019.3	-6	E'N	2	c	78	55	7	1	–	2	2-3	7-8	4000
5	Portland Bill ...	1017.9	-10	E	3	c	66	75	7	4	4	–	4-6	7-8	1500
	Plymouth ...	1017.4	-18	E'N	3	c	77	55	8	1	3	–	Tr	9	2500
	The Lizard ...	1017.7	-14	NNE	4	c	66	85	8	8	2	–	7-8	9+	2500
	Scilly (St.Mary's)	1019.2	-16	N'E	5	cir$_o$	59	95	7	5	4	–	7-8	9+	2500
	Guernsey ...	1017.5	-2	E	2	bc	64	85	5	–	3	2	0	4-6	–
6	Pembroke ...	1019.9	-6	NE'N	4	c	59	95	7	8	2	–	7-8	9+	2500
7	Holyhead ...	1021.5	-4	N'E	3	c	56	95	7	5	9	–	4-6	9+	2500
	Chester(Sealand)	1022.7	+4	WNW	1	r$_o$r$_o$	60	95	6	6	–	–	10	10	1500
8	Manchester ...	1021.7	-2	NNW	3	cir$_o$	67	85	6	5	1	–	4-6	10	2500
10	Spurn Head ...	1021.8	-1	SE'E	4	bc	67	75	6	–	2	1	0	4-6	–
	Catterick ...	1022.0	+1	–	0	cir$_o$	67	85	6	5	2	–	2-3	10	2500
	Tynemouth ...	1022.4	+4	NE	2	r$_o$r$_o$	59	95	6	6	–	–	10	10	1500
11	Inchkeith ...	1022.2	+4	SW	2	c	62	55	8	5	9	9	2-3	9	4000
	Leuchars ...	1021.8	+6	SSE	2	c	66	65	8	8	8	3	4-6	7-8	5700
12	Renfrew (Abbots I.)	1022.1	-1	WNW	2	bc	65	55	9	1	–	6	Tr	4-6	4000
	Eskdalemuir ...	1022.0	+8	SE	1	c	61	85	8	5	3	–	4-6	9	1500
	Point of Ayre...	1023.3	+4	WNW	2	c	61	85	8	–	7	–	0	7-8	–
13A	Tiree	1022.6	+6	SWW	4	bc	59	65	8	1	4	8	1	2-3	4000
13B	Stornoway ...	1021.0	+10	SSW	4	c	59	65	8	8	7	–	2-3	7-8	2500
15	Dalwhinnie ...	×	0	SW	1	c	63	45	8	–	–	5	0	7-8	–
	Aberdeen ...	1023.0	+14	NE	2	c	54	85	7	6	7	–	2-3	10	1500
	Wick ...	1021.5	+2	ESE	3	bc	57	85	8	7	6	2	4-6	4-6	2500
16	Lerwick ...	1021.5	+12	WSW	3	bc	57	75	8	5	3	1	2-3	4-6	2500
17	Blacksod Point	1023.7	+4	WSW	3	bc	60	75	8	2	–	–	4-6	4-6	2500
18	Malin Head ...	1022.8	0	W'N	3	b	59	75	8	2	–	–	1	1	1500
	Aldergrove ...	1023.6	-2	W	1	bc	65	55	9	7	–	1	4-6	4-6	2500
19	Birr Castle ...	1023.5	-2	ENE	1	bc	64	55	8	1	–	–	4-6	4-6	4000
20	Valentia Obsy. †	1025.3	+4	NW'W	3	b	60	75	8	1	–	–	1	1	2500
	Roches Point	1023.0	+6	SSE	2	bc	62	85	9	1	–	–	2-3	2-3	4000

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1017.8	-8	ENE	4	c	74	45	8	–	3	9	0	7-8	–	0	*
	Croydon ...	1017.7	-6	E'N	3	bc	72	55	8	–	3	1	0	2-3	–	0	*
	S. Farnborough	1017.3	-6	ENE	3	bc	76	45	7	–	4	1	0	2-3	–	0	*
	Boscombe Down	1016.8	-6	ENE	2	c	75	55	7	5	1	2	4-6	7-8	4000	0	*
	Calshot (Sthmtn.)	1016.9	-4	SE	2	c	69	75	8	5	7	–	2-3	7-8	4000	0	1
	Lympne ...	1018.2	-2	NE	4	bc	68	65	8	–	–	1	0	2-3	–	0	§2
	Manston ...	1018.2	-10	ENE	4	bc	66	75	7	–	–	1	0	2-3	–	0	*
2	Shoeburyness ...	1018.9	-12	NE	3	bc	67	75	8	–	–	5	0	2-3	–	0	*
	Felixstowe ...	1019.1	-10	NE	4	bc	67	65	8	–	–	8	0	2-3	–	0	3
	Gorleston ...	1020.6	-6	NE'N	3	bc	64	75	7	–	8	–	0	4-6	–	0	2
	Mildenhall ...	1019.0	-6	E	3	bc	73	45	8	–	3	1	0	4-6	–	0	*
	Cranwell ...	1019.4	-10	E'N	2	bc	71	55	8	4	3	1	2-3	4-6	4000	0	*
3	Birmingham ...	1018.2	-10	NNW	2	c	74	65	5	1	4	–	4-6	7-8	4000	0	*
	Upper Heyford	1018.1	-10	ENE	2	bc	75	55	8	1	4	8	Tr	4-6	4000	0	*
4	Ross-on-Wye	1018.2	-4	N	2	c	70	75	6	–	9	–	0	9+	–	0	*
5	Portland Bill ...	1016.1	-8	NNE	3	c	64	75	7	4	–	–	7-8	7-8	1500	0	3
	Plymouth ...	1016.1	-10	N'W	2	3o	73	75	6	–	3	–	0	9+	–	0	0
	The Lizard ...	1017.2	0	N'W	4	pr$_o$	61	95	6	8	7	–	7-8	10	1500	1	2
	Scilly (St.Mary's)	1019.5	0	N'E	4	r$_o$r$_o$	56	95	6	6	–	–	9+	9+	1500	1	2
	Guernsey ...	1014.3	-32	E	2	bc	63	75	7	5	–	–	4-6	4-6	7200	1	1
6	Pembroke ...	1019.1	-6	NNE	4	cir$_o$	56	95	7	5	2	–	4-6	9+	2500	1	3
7	Holyhead ...	1021.2	-10	NNE	2	c	57	95	9	5	–	–	7-8	7-8	4000	1	1
	Chester(Sealand)	1020.9	-12	WNW	3	c	60	85	7	6	3	–	7-8	9	1500	1	*
8	Manchester ...	1020.0	-12	N	3	3o	68	75	6	–	4	1	0	2-3	–	1	*
10	Spurn Head ...	1020.6	-4	SE'E	4	bc	60	85	7	–	7	1	0	4-6	–	0	3
	Catterick ...	1020.7	+8	NE'E	2	c	66	85	7	6	3	–	2-3	9+	1500	1	*
	Tynemouth ...	1021.3	-6	E	1	o/r	58	95	6	6	–	–	10	10	1500	1	1
11	Inchkeith ...	1021.1	-14	WSW	1	bc	70	45	8	7	–	3	4-6	4-6	4000	0	0
	Leuchars ...	1021.9	+2	ENE	3	c	58	85	7	5	–	–	10	10	450	0	*
12	Renfrew (Abbots I.)	1021.0	-8	NW'W	3	b	65	55	9	1	–	8	Tr	1	4000	0	*
	Eskdalemuir ...	1020.5	-4	SE'S	2	c	65	65	8	8	7	2	2-3	7-8	2500	1	*
	Point of Ayre...	1021.8	-6	NW	3	bc	62	75	8	–	4	2	0	4-6	–	0	1
13A	Tiree	1021.7	-4	SSW	3	b	57	75	9	1	4	–	Tr	Tr	4000	0	2
13B	Stornoway ...	1020.2	0	SSW	4	bc	59	65	8	1	7	–	2-3	4-6	2500	1	2
15	Dalwhinnie ...	1020.6	-6	W	2	bc	66	55	8	4	4	1	1	2-3	4000	0	*
	Aberdeen ...	1022.6	-4	E	2	bc	56	85	7	5	–	9	4-6	4-6	2500	1	1
	Wick ...	1022.0	-6	E	3	bc	55	95	8	1	–	–	2-3	2-3	2500	0	2
16	Lerwick ...	1022.3	0	W	1	bc	58	65	8	1	–	8	Tr	2-3	2500	0	*
17	Blacksod Point	1021.8	-6	S	3	bc	59	75	8	2	–	–	4-6	4-6	2500	0	3
18	Malin Head ...	1022.3	-4	NE	1	b	57	75	8	7	–	–	1	1	4000	0	1
	Aldergrove ...	1021.2	-2	ENE	1	bc	64	65	8	7	–	1	2-3	2-3	2500	0	*
19	Birr Castle ...	1021.7	-6	ENE	1	bc	68	55	8	1	–	1	4-6	4-6	4000	1	*
20	Valentia Obsy. †	1023.7	-2	WNW	3	b	59	75	8	1	4	1	Tr	1	2500	0	2
	Roches Point	1021.1	-14	N	3	bc	60	75	9	1	–	4	1	4-6	2500	0	2

PAST 24 HOURS.

Weather. 7h.–13h. (37)	13h.–18h. (38)	18h. 30th to 1h. 1st (39)	1h.–7h. 1st (40)
bcy	cy	bc	bcchw
bzobbcy	bcy v	b	bchw
bbczoy	bcy	ybccw	cbcc
bbcy	bcy	cbc	bcc
bbzo	bczobcc	bc	bcc
bzoby	bcb	b	bc
o	bc	b	bbc
bbc	bc	b	bcc
bbc	bc	bc	bc
bc	bc	bcb	bbcw
bc	bc		bfmbc
bybc	bcyb	bc	bcc
bc	roc	bccr	cbc
bmobcy	bcy	bcyc	c
bccpoc	cybccz	cboc	ccp.
c	c	cc	cpro
cirormy	cirom$_o$	CiYohwo	CroTo?Hwo
bcpro	procm	cproc	c
cir$_o$	cir$_o$	rorc	c
czbc	bcclr	OTLR	ORTL
cir$_o$	cir$_o$c	crro	chwo
rrm$_o$c	c	c	chwyc
cirom$_o$	oro$_o$	CRY	Y.Y.chw.
cir$_o$	r$_o$r$_o$bc	ccr Y$_o$	cYocw
cbc	bc	bc	bcc
cir$_o$	corr$_o$c	corrw	oro.$_o$frwo
coror	oir	offrc	of$_o$iY$_o$
c	cbc	ciff	d$_o$d$_o$
cpr$_o$c	cbcyo	com$_o$m	om mo
bccbby	bcyb	bybw	bwbcc$_o$
crrir	cbcc	cbc	bcc Y$_o$
rroc	cbc	bc	co
cbcb	b	bbcw	bcw
cpr	cbc	bc	bcc
bc	bc	*	bc
crrir	cbc	bc	bcofte
bc	bc	bc	bcc
bcbw	bc	bcbw	bc
bc	bc	bcc	c
cbc	bc	bc	cbc
bcy	bcy	bc	bcwb
cbcy	bcy	bc	bc
bcb	b	bbwbc	bcwc
bc	bc	bcbw	bwbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

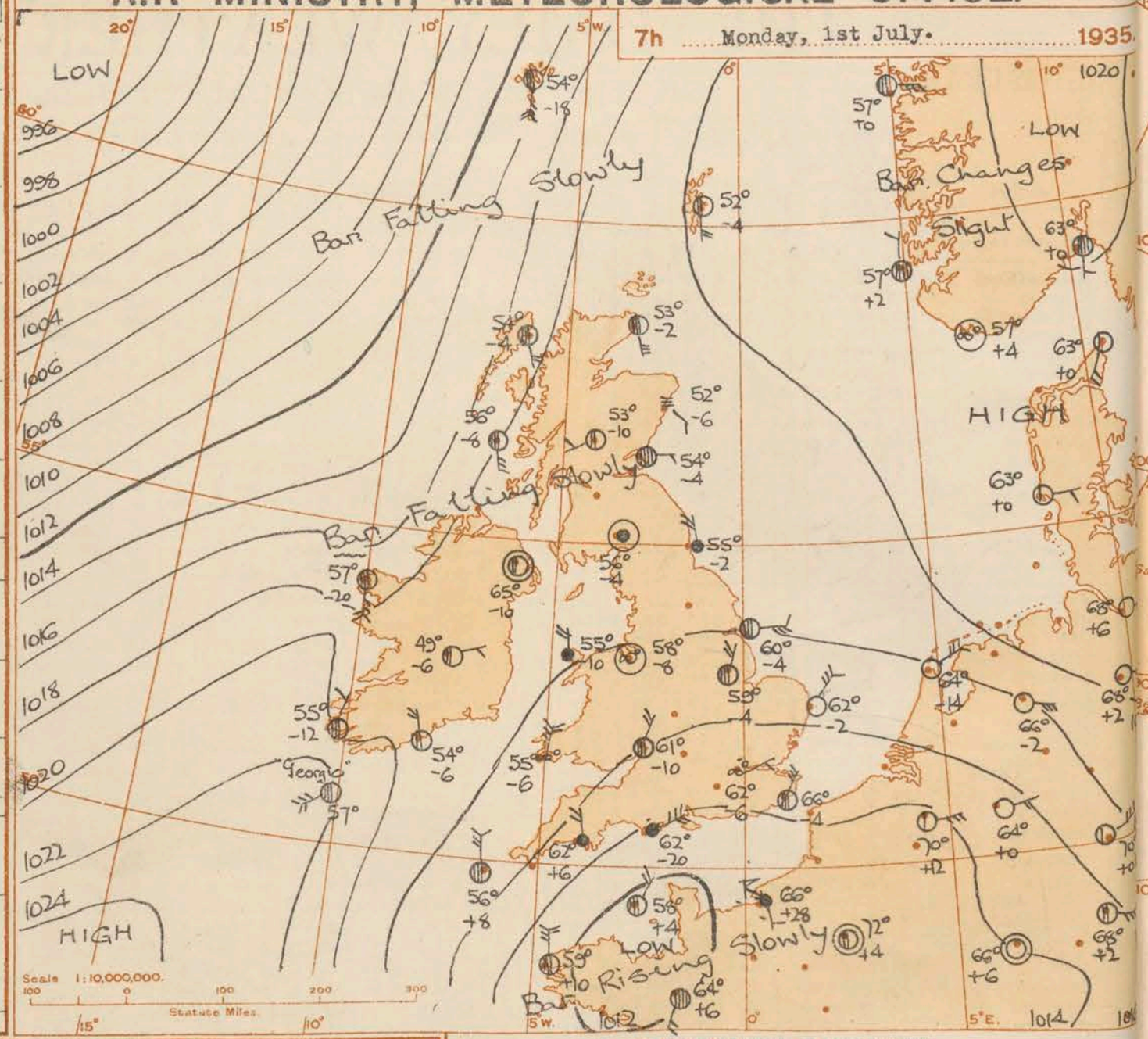
REPORTS from HEALTH RESORTS for 30th June, 1935.

Districts	Stations	Weather: Fore-noon.	Weather: After-noon.	Temperature: Min. 9h. 30th 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.	b	b	54	81	–	–	12.0	14.7
	Bournemouth	b	bbc	57	82	–	–	8.7	14.5
	Ventnor ...	by	by	64	78	–	–	11.6	14.0
	Southsea ...	b	b	62	80	–	–	11.8	14.8
	Bognor Regis	b	bbcb	59	75	–	–	11.8	13.9
	Littlehampton	bc	bc	58	79	–	–	12.3	15.0
	Worthing ...	b	b	62	80	–	–	12.1	14.9
	Brighton ...	b	b	62	83	–	–	11.8	14.9
	Eastbourne† ...	b	b	59	73	–	–	12.2	14.8
	Hastings† ...	b	bbc	60	78	–	–	12.1	15.0
	Folkestone ...	b	b	61	75	–	–	11.8	14.9
	Dover ...	b	by	61	75	–	–	12.4	15.0
	Deal	b	b	57	70	–	–	12.3	14.8
	Ramsgate ...	b	b	61	66	–	–	12.2	14.5
	Margate ...	b	b	60	67	–	–	12.4	15.0
2	Southend ...	b	b	58	74	–	–	12.1	14.5
	Maldon ...	b	bv	56	74	–	–	12.0	14.1
	Clacton-on-Sea	b	bbcv	62	71	–	–	11.7	14.5
	Dovercourt ...	bv	bv	60	71	–	–	12.7	14.9
	Lowestoft ...	b	b	58	68	–	–	12.7	14.7
	Skegness ...	bcb	b	61	68	–	–	12.2	14.8
	Mablethorpe...	bcb	bbc	52	69	–	–	12.3	13.0
	Cleethorpes ...	bc	b	55	69	–	–	10.7	13.9
3	Leamington S.	bcb	bbc	57	80	–	–	10.8	15.0
4	Cheltenham†	bcpo	bcc	60	82	–	Tr	10.1	14.1
5	Bath	cpbcb	bbcc	56	80	–	Tr	9.1	14.2
	Weymouth ...	bbc	bcc	61	72	–	–	6.2	15.1
	Jersey ...	cbc	bc	63	79	–	–	6.5	15.2
	Torquay ...	cjob	copo	59	76	–	Tr	4.6	13.4
	Penzance ...	c	ccrr	59	66	Tr	0.5	0.9	9.9
	St. Ives ...	o	pr	56	70	–	0.5	0.2	10.8
	Bude... ...	c	coro	55	73	–	Tr	1.7	11.9
	Ilfracombe ...	bcc	cgo	60	68	–	–	2.7	12.1
6	Aberystwyth	cpr	bcc	57	68	2	1	1.5	13.2
7	Llandudno ...	ro	roc	57	58	2	2	0.0	15.0
	Colwyn Bay...	rmpo	o	57	58	5	2	0.0	14.7
	Rhyl	cp	pr	58	60	5	3	0.0	14.5
8	Wallasey ...	orr	robcc	60	70	2	1	0.9	14.8
	Southport‖ ...	oro	oroc	61	67	3	2	0.6	13.9
	Blackpool ...	or	c	61	66	3	2	0.4	14.7
	Morecambe ...	idber	crbcc	63	68	0.5	2	0.2	16.0
9	Ilkley... ...	cpc	cpcrc	58	69	–	2	0.0	12.4
	Harrogate ...	cro	crc	62	69	–	1	x	13.0
10	Berwick-on-T.	oR	Ro	57	58	3	8	0.0	15.5
11	Dunbar ...	crr	crobc	57	66	4	1	1.4	15.5
12	Troon... ...	cbbcb	bbcb	56	70	–	–	9.0	11.5
	Douglas ...	c	cb	54	63	6	–	1.6	14.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Monday, 1st July. ..... 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st July, 1935.
1. S.E. England	Wind northeast or variable, light or moderate; mainly cloudy, thunderstorms probably spreading from South; warm, then somewhat cooler but close.
2. E. England...	Light or moderate east or northeast wind; mainly cloudy, perhaps thunderstorms or thundery rain later; warm.
3. E. Midlands	
4. W. Midlands	Light or moderate northerly wind; cloudy, local showers, perhaps local thunder; average temperature or rather warm.
5. S.W. England	
6. South Wales	
7. North Wales	Light variable wind; mainly cloudy or dull; occasional rain; average temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. A. W Scotld. B. N W. Scotland.	Moderate or fresh south or southwest wind; cloudy, showers; average temperature.
14. Mid-Scotland	
15. N.E. Scotland	Light or moderate south or southwest wind, fresh locally; mainly fair, but perhaps local showers later; average temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	Light or moderate south or southwest wind, fresh locally; cloudy, showers or occasional rain; average temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

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

GENERAL INFERENCE.

A belt of high pressure across the country is weakening, a slight trough of low pressure off the Northwest Coasts is moving northeast and a shallow depression over North France is drifting north slowly. Weather will be cloudy in most districts with occasional local rain or showers. Local thunderstorms are probable in England.

FURTHER OUTLOOK.

Rather unsettled, but bright periods.

Forecasts issued at 1000 G.M.T.

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

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

Morning of

MONDAY,

1st JULY,

1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 1st July, 1935.

No. 26884

OBSERVATIONS at 1 hr. G.M.T. 1st 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. 0–12 Force (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	▸	*	*	*	*	*	*	*	4	*	*	*	*	*
	Croydon ...	217	1016·4	-18	ENE	2	bc	59	75	7	-	3	-	0	b	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1016·3	-16	NE	4	b	59	85	8	-	3	-	0	Tr	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1018·8	-8	NE'E	3	b	60	95	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1016·1	-6	NE	2	c	66	75	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1018·7	-10	N	6	c	59	95	7	8	7	-	7·8	9	1500
	Scilly (St.Mary's)	163	1018·3	-10	N'E	4	c	56	96	7	5	-	-	10	10	2500
	Guernsey ...	175	1012·6	-14	ENE	4	RR	57	95	7	6	-	-	10	10	1500
6	Pembroke ...	142	1017·4	-4	N'E	3	rr	55	95	7	5	-	-	10	10	1500
7	Holyhead ...	26	1019·6	-6	N'W	1	c	55	95	7	6	3	-	4·6	9+	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·1	0	NE	1	bc	57	95	7	-	7	9	0	4·6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1020·8	-6	NNW	1	rsf	55	96	3	6	-	-	10	10	1500
11	Inchkeith ...	190	1021·1	0	NE	2	df	53	95	8	5	-	-	10	10	220
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1020·4	0	W	1	c	55	95	8	-	7	-	0	7·8	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1019·5	-4	S	3	bc	52	85	8	5	4	-	2·3	4·6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1020·1	-6	SSE	2	bc	51	95	8	5	7	-	2·3	4·6	2500
16	Lerwick ...	156	1022·3	+6	-	0	bc	49	95	8	5	-	-	Tr	Tr	2500
17	Blacksod Point	18	1019·9	-8	S	4	o	56	95	7	5	-	-	10	10	800
18	Malin Head ...	52	1020·5	-6	S	1	c	50	85	8	5	5	-	4·6	9	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1022·0	-14	-	0	b	53	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1015·8	0	ENE	3	c	63	75	6	5	3	1	7-8	9	5700	1	*
1014·5	-6	ENE	1	c	62	85	6	1	3	1	0	7-8	-	0	*
1014·8	-2	ENE	1	c	63	75	7	1	2	2	0	9	-	0	*
1015·0	0	ENE	3	c	60	85	7	1	-	-	4-6	10	4000	1	*
1013·9	-2	ENE	4	c	62	85	7	1	-	-	4-6	7-8	4000	0	1
1014·2	-4	ENE	3	c	60	75	8	1	-	-	0	7-8	-	0	*
1014·2	+2	ENE	4	bc	65	75	8	1	3	2	0	4-6	-	0	*
1014·9	-8	ENE	3	c	65	85	8	1	3	-	0	7-8	-	0	*
1015·3	-8	ENE	B4	bc	65	85	7	1	1	-	4-6	4-6	5700	0	*
1016·6	-2	ENE	4	b	62	85	6	1	-	-	0	0	-	0	*
1015·6	-6	ENE	1	bc	66	75	7	1	-	-	0	2-3	-	0	*
1017·7	-4	ENE	2	c	59	95	7	7	3	2	4-6	7-8	1500	0	*
1017·1	-6	ENE	2	bc	61	85	7	-	7	-	Tr	4-6	4000	0	*
1016·4	-2	ENE	4	c	59	95	7	5	7	-	2	2+	800	0	*
1015·2	-10	ENE	2	c/bc	61	85	6	1	2	-	0	10	-	0	*
1012·2	-2	ENE	5	bc	62	85	7	4	1	1	10	10	2500	1	3
1014·5	+6	ENE	2	c	62	95	7	5	1	1	10	10	1500	1	0
1015·2	+10	ENE	4	c	60	95	7	8	2	-	7-8	10	1500	1	3
1017·0	+8	ENE	4	c	56	95	7	1	7	-	0	2	-	1	2
1011·8	+4	ENE	2	c	58	95	7	5	1	-	4-6	9	1000	1	2
1015·1	-6	ENE	5	c	55	95	7	5	7	-	4-6	9+	1500	1	*
1017·6	-10	ENE	2	c	55	95	8	1	2	-	10	10	5700	1	*
1017·9	-8	ENE	1	c	58	95	6	5	2	-	7-8	9+	800	1	*
1017·7	-6	ENE	1	c	62	78	4	1	7	-	0	9+	-	1	*
1018·0	-4	ENE	4	c	60	85	7	1	7	-	0	7-8	-	0	3
1019·0	-2	ENE	1	c	58	95	5	1	7	-	0	0	-	1	*
1019·4	-2	ENE	2	c	55	95	2	1	6	-	10	10	800	1	1
1019·8	-6	ENE	2	df	53	95	3	1	5	-	10	10	220	1	1
1019·7	-4	ENE	1	c	54	95	4	1	5	-	10	10	1500	1	*
1018·8	-6	ENE	0	c	53	95	6	1	6	-	9+	9+	1500	1	*
1018·2	-4	-	0	c	53	95	6	1	2	-	7-8	10	220	1	*
1018·2	-6	NNW	1	c	57	95	8	5	-	-	10	10	1500	0	0
1017·9	-8	SSE	3	c	56	85	8	-	5	-	0	7-8	-	0	1
1017·3	-4	SSE	2	c	54	85	8	8	2	-	4-6	9+	1500	1	1
1015·2	-10	SW	1	bc	53	75	8	1	-	4	0	2-3	-	0	*
1019·6	-6	SE	1	c	52	95	3	1	-	-	10	10	4150	1	0
1018·8	-2	SSE	3	c	53	95	7	5	1	-	-	10	1500	0	2
1020·8	-4	S	2	bc	52	95	8	5	-	9	2-3	4-6	1500	0	*
1016·1	-20	S	6	c	57	85	8	8	-	-	10	10	1500	0	4
1017·3	-8	S	2	bc	59	75	7	7	8	1	4-6	4-6	4000	0	1
1018·6	-10	-	0	bc	56	75	8	5	-	5	Tr	2-3	1500	1	*
1019·0	-6	ENE	1	bc	49	85	8	-	4	-	0	2-3	-	1	*
1019·0	-12	ENE	1	c	55	95	8	7	3	-	7-8	9	1500	0	2
1018·7	-6	NNW	2	bc	54	85	8	-	4	1 H	0	2-3	-	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 Hrs. (36)
1	London (Kew)	78	59	54	-	-	13.3
	Croydon ...	78	55	50	-	-	14.1
	S. Farnborough	82	55	48	-	-	12.8
	Boscombe Down	80	57	53	-	-	10.6
	Calshot (Sthmtn.)	75	60	57	-	-	11.7
	Lympne ...	74	57	55	-	-	14.8
	Manston ...	71	59	56	-	-	14.6
2	Shoeburyness ...	71	57	50	-	-	12.2
	Felixstowe ...	70	57	55	-	-	12.0
	Gorleston ...	65	58	58	-	-	9.1
	Mildenhall ...	79	51	48	-	Tr	14.7
	Cranwell ...	82	52	48	-	-	12.2
3	Birmingham ...	77	57	41	Tr	0.3	7.9
	Upper Heyford	78	56	53	-	-	*
4	Ross-on-Wye	78	58	54	Tr	0.1	7.3
5	Portland Bill ...	70	61	*	-	0.5	*
	Plymouth ...	78	61	59	0.6	1	3.9
	The Lizard ...	68	59	*	1	0.1	*
	Scilly (St.Mary's)	62	55	*	1	3	0.1
	Guernsey ...	69	57	56	1	2	6.6
6	Pembroke ...	62	54	*	3	11	0.4
7	Holyhead ...	59	55	55	7	Tr	0.2
	Chester(Sealand)	64	55	44	1	8	0.1
8	Manchester ...	69	53	58	1	4	0.8
10	Spurn Head ...	67	54	*	-	-	12.8
	Catterick ...	68	56	56	3	3	0.5
	Tynemouth ...	66	53	×	4	1	×
11	Inchkeith ...	71	52	51	-	0.4	5.5
	Leuchars ...	69	53	53	Tr	-	2.2
12	Renfrew (Abbots L.)	67	45	40	-	-	13.2
	Eskdalemuir ...	67	~~45~~ 54	~~35~~ 50	5	2	1.3
	Point of Ayre...	64	53	×	0.6	-	5.7
13A	Tiree	60	47	45	-	-	14.7
13B	Stornoway ...	62	51	*	1	-	11.4
15	Dalwhinnie ...	66	44	37	-	-	14.1
	Aberdeen ...	60	51	47	1	Tr	0.6
	Wick ...	61	50	*	-	-	*
16	Lerwick ...	59	48	*	-	-	12.7
17	Blacksod Point	61	55	*	-	-	*
18	Malin Head ...	60	45	*	-	-	13.7
	Aldergrove ...	66	44	40	-	-	14.3
19	Birr Castle ...	68	~~43~~ 43	~~43~~ 46	-	-	~~0.4~~
20	Valentia Obsy. †	61	47	44	-	Tr	14.5
	Roches Point	63	50	*	-	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	cy	bccmo	78	59	54	-	-	13·3	•	•	6
Croydon	217	b200 by	bcyw	bbcmo	78	55	50	-	-	14·1	•	•	6
Greenwich (Royal Observatory)...	149	by	by	bybc	79	56	46	-	-	13·4	46	72	6
City (Bunhill Row)	—				•	•	•	•	•	13·3	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	79	60	50	-	-	14·0	57	72	•
Regents Pk. (Botanic Gardens)†...	168	•	•	•	80	58	55	-	-	13·7	31	39	•
Camden Square	110	b	b	•	83	58	55	-	-	•	•	71	•
Kensington	80				80	59	54	-	-	13·6	At 18h.		•
Hampstead Observatory	450	b	b	b	77	55	53	-	-	13·9	•	80	•

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.
Paris	1013·7	NE	3	bc	82
Brussels	1016·0	ENE	3	bc	77
Berlin	1020·6	ENE	1	bc	75
Zürich	~~1~~				
Rome	1013·7	SSE	2	c	79

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

Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.
1012·2	-	0	bc	77
1013·1	ENE	3	b	70
1021·3	ENE	1	b	72
1016·4	WNW	1	b	64
~~1~~				

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 146

South Kensington.

Max.	Time.	Min.	Time.
0·3	07h 1st	0·0	17h 30th

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	07h 1st	0·1	15-18h 30th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
84	61	-	-
79	57	-	-
81	62	-	-
~~1~~	59	~~1~~	-
~~1~~	~~1~~	-	~~1~~

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 2nd July, 1935.

No. 26885.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine Hrs. (36)
1	London (Kew)	1012·0	-16	NE	3	c	75	55	7	5	2	–	7-8	9+	5700	13.3
	Croydon ...	1011·4	-20	NE	3	ir$_0$	73	55	7	–	7	–	–	9+	–	14.1
	S. Farnborough	1011·6	-14	N	2	ir$_0$	74	65	6	5	7	–	4-6	9	5700	12.8
	Boscombe Down	1012·9	-4	NNE	1	c	70	65	7	5	7	–	4-6	10	7200	10.6
	Calshot (Sthmtn.)	1012·9	-2	SSW	1	c	74	65	6	–	7	–	–	9+	–	11.7
	Lympne ...	1012·4	-8	NE'N	3	c	71	65	7	5	7	6	2-3	9	4000	14.9
	Manston ...	1012·2	-12	ENE	3	cz$_0$	69	75	6	1	3	6	Tr	7-8	4000	14.6
2	Shoeburyness ...	1013·1	-8	ENE	3	c	69	85	7	[illegible]	3	6	1	9	4000	15.2
	Felixstowe ...	1012·9	-18	NE	4	bc	68	75	7	–	3	4	–	4-6	–	15.0
	Gorleston ...	1014·7	-10	NE'N	2	bc	66	75	6	–	6	–	–	2-3	–	5.1
	Mildenhall ...	1012·7	-20	E	3	bc	79	45	7	5	8	6	Tr	7-8	4000	14.7
	Cranwell ...	1014·4	-20	ENE	3	c	77	45	8	5	3	–	2-3	7-8	4000	12.2
3	Birmingham ...	1014·0	-12	NE	2	ir$_0$	69	65	6	–	1	–	0	9	–	7.9
	Upper Heyford	1013·4	-14	NE	3	c/r$_0$	72	65	8	5	7	8	4-6	9+	5700	*
4	Ross-on-Wye	1013·9	-14	NE	2	cz$_0$	71	65	6	–	7	–	–	10	–	7.3
5	Portland Bill ...	1012·8	-6	NW	2	pr$_0$	62	85	7	5	–	–	10	10	1500	*
	Plymouth ...	1013·4	-10	SSE	3	c	67	65	8	5	–	–	10	10	4000	3.9
	The Lizard ...	1015·1	0	NW'W	4	c	60	90	7	4	6	–	7-8	10	1500	*
	Scilly (St.Mary's)	1017·3	+2	NNW	4	c	63	75	7	5	4	2	1	7-8	4000	0.1
	Guernsey ...	1013·1	+2	NE	1	rr	58	95	5	6	–	–	10	10	1500	6.6
6	Pembroke ...	1015·2	0	N'E	4	o	57	85	7	5	–	–	10	10	2500	0.4
7	Holyhead ...	1015·9	-10	NW'N	1	c	56	95	7	5	2	–	4-6	10	800	0.2
	Chester(Sealand)	1015·6	-14	WNW	2	ir$_0$	61	85	5	5	7	–	1	10	2500	0.1
8	Manchester ...	1015·0	-14	NNW	2	cz$_0$	71	75	6	2	2	–	2-3	10	4000	0.8
10	Spurn Head ...	1016·1	-4	E	4	c	66	75	7	–	7	1	–	7-8	–	12.8
	Catterick ...	1016·0	-16	NE'E	2	cz$_0$	69	75	6	7	7	1	4-6	9+	4000	0.5
	Tynemouth ...	1017·5	-10	ENE	1	c	60	85	7	4	3	–	4-6	7-8	4000	*
11	Inchkeith ...	1017·5	-8	NE	2	if	54	95	3	5	–	–	10	10	800	5.5
	Leuchars ...	1017·7	-10	NE	2	ror$_0$	55	95	6	5	–	–	10	10	150	2.2
12	Renfrew (Abbots I.)	1016·2	-12	NE'N	3	cz$_0$	62	85	5	5	–	–	10	10	1500	13.2
	Eskdalemuir ...	1016·4	-10	NNW	1	ror$_0$	59	85	6	6	2	–	4-6	10	1500	1.3
	Point of Ayre...	1016·4	-4	E	1	oz$_0$	57	95	6	5	–	–	10	10	450	5.7
13A	Tiree	1015·4	-10	SSW	3	c	60	75	9	5	9	9	2-3	9+	5700	4.7
13B	Stornoway ...	1015·5	-8	SE	3	c	58	75	9	5	7	6	4-6	9	4000	11.4
15	Dalwhinnie ...	1015·8	-10	S	3	bc	67	55	8	4	4	–	2-3	2-3	2500	14.1
	Aberdeen ...	1017·7	-14	—	0	f	54	95	2	–	–	–	10	10	<150	0.6
	Wick ...	1016·8	-10	SSE	3	c	55	95	7	5	–	–	7-8	7-8	1500	*
16	Lerwick ...	1019·4	-12	S	3	c	55	85	8	5	7	–	4-6	7-8	1500	12.7
17	Blacksod Point	1014·4	-12	S	5	c	59	85	7	8	–	–	10	10	800	*
18	Malin Head ...	1015·6	-16	NE	2	bc	58	85	7	7	8	–	2-3	4-6	4000	13.7
	Aldergrove ...	1015·3	-18	SSW	2	bc	68	65	9	7	4	5	1	2-3	4000	14.3
19	Birr Castle ...	1016·0	-14	SW	1	bc	67	55	8	1	–	–	2-3	2-3	4000	~~0.4~~
20	Valentia Obsy. †	1017·2	-10	S'W	4	c	61	75	8	5	–	–	9+	9+	1500	14.5
	Roches Point	1016·8	-8	SW	2	bc	61	85	8	1	4	–	2-3	2-3	4000	*

OBSERVATIONS at 18h. G.M.T. 1st July,

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1010·6	-10	S	1	c	74	65	7	5	3	–	7-8	9+	4000	0	*
	Croydon ...	1010·2	-4	SW	1	bcc	75	55	7	–	7	–	–	9+	–	0	*
	S. Farnborough	1010·8	-6	W'N	2	ir$_0$	72	75	6	5	7	–	4-6	9+	5700	1	*
	Boscombe Down	1011·6	-8	NNW	1	c/r	65	95	6	5	7	–	7-8	9+	2500	1	*
	Calshot (Sthmtn.)	1011·7	-8	NW	3	bc	68	95	6	–	9	–	–	4-6	–	1	1
	Lympne ...	1011·9	0	SW'S	2	c	64	75	6	5	8	3	4-6	7-8	5700	0	§
	Manston ...	1010·7	-4	SE	2	bcz$_0$	65	85	6	5	8	6	2-3	4-6	5700	0	*
2	Shoeburyness ...	1011·0	-6	—	0	c	67	85	6	–	3	1	–	7-8	–	0	*
	Felixstowe ...	1011·1	-10	ENE	2	tlr$_0$	68	85	7	9	8	–	7-8	9+	4000	0	2
	Gorleston ...	1011·7	-16	NNE	1	bc	67	75	6	–	6	–	–	4-6	–	0	2
	Mildenhall ...	1010·8	-4	NE	2	bc	77	55	8	8	–	1	4-6	7-8	4000	0	*
	Cranwell ...	1012·7	-12	NE'N	3	c	71	65	6	5	3	6	4-6	9+	4000	0	*
3	Birmingham ...	1011·4	-6	NNE	3	c	72	55	7	6	–	–	7-8	7-8	4000	0	*
4	Ross-on-Wye	1011·6	-8	N'W	3	c	72	75	7	8	7	–	7-8	9+	4000	0	*
	Upper Heyford	1012·5	-8	NNW	2	pr	67	85	6	6	2	–	4-6	10	4000	0	*
5	Portland Bill ...	1012·0	-6	N	3	c	64	85	7	5	–	–	10	10	1500	1	2
	Plymouth ...	1012·7	+4	NW	4	c	66	75	7	5	7	–	4-6	9+	2500	1	1
	The Lizard ...	1015·9	+8	NW'W	5	c	60	75	8	4	7	–	4-6	7-8	2500	0	3
	Scilly (St.Mary's)	1017·1	0	NW	4	bc	60	75	8	2	6	8	Tr	4-6	2500	1	3
	Guernsey ...	1013·2	+2	NNW	1	bc	60	95	7	8	–	–	7-8	7-8	2500	2	1
6	Pembroke ...	1014·2	-4	NW	4	cq	55	85	8	5	–	–	9+	9+	4000	1	2
7	Holyhead ...	1014·9	-6	—	0	c	57	85	7	5	7	–	4-6	9	2500	1	0
	Chester(Sealand)	1014·8	2	WNW	3	cz$_0$	60	85	6	–	7	–	–	10	–	1	*
8	Manchester ...	1013·8	-6	W	3	c/r	63	95	4	5	2	–	4-6	10	4000	1	*
10	Spurn Head ...	1013·1	-6	NNE	5	c	61	95	6	–	2	4	–	7-8	–	0	4
	Catterick ...	1014·5	-6	NNE	1	ir$_0$	62	85	7	5	2	–	7-8	10	7200	0	*
	Tynemouth ...	1016·0	-4	E	1	pr	58	95	8	6	1	–	7-8	9+	2500	1	1
11	Inchkeith ...	1014·5	-6	SSE	2	ir$_0$	55	95	7	6	–	–	10	10	1500	1	1
	Leuchars ...	1015·6	-8	E	2	c/r	58	95	7	5	2	–	4-6	10	450	1	*
12	Renfrew (Abbots I.)	1014·0	-10	NE	1	cz$_0$	63	85	5	5	–	–	10	10	1500	0	*
	Eskdalemuir ...	1015·4	-6	—	0	rr	54	95	7	6	2	–	4-6	10	1500	1	*
	Point of Ayre...	1014·6	-14	SE	1	oz$_0$	58	95	6	5	–	–	10	10	2500	0	0
13A	Tiree	1013·6	-10	SW	2	bc	60	65	9	–	3	9	–	4-6	–	0	1
13B	Stornoway ...	1013·2	-10	SSW	3	c	59	65	8	5	7	–	4-6	9	2500	1	1
15	Dalwhinnie ...	1014·6	-10	SE	4	c	58	85	7	4	2	1	4-6	10	2500	0	*
	Aberdeen ...	1016·2	-6	SSE	2	ir$_0$	56	95	6	6	7	–	Tr	10	800	1	0
	Wick ...	1014·1	-16	SE	4	f	54	95	1	–	–	–	10	10	<150	0	2
16	Lerwick ...	1017·0	-6	SE	3	f	53	95	3	–	–	–	10	10	<150	0	*
17	Blacksod Point	1012·7	-14	S	4	DD	57	95	6	6	–	–	10	10	800	1	3
18	Malin Head ...	1012·9	-8	N	1	c	58	85	8	2	4	3	1	7-8	4000	0	0
	Aldergrove ...	1013·5	-4	WSW	2	bc	69	55	8	8	3	9	4-6	4-6	4000	0	*
19	Birr Castle ...	1014·0	-8	SW	1	c	70	55	9	5	5	–	4-6	7-8	2500	0	*
20	Valentia Obsy. †	1015·4	-8	S	4	o/d	58	95	7	5	–	–	10	10	450	1	2
	Roches Point	1015·3	-4	WSW	2	bc	63	75	8	7	3	3	2-3	4-6	2500	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h. (37)	Weather. 13h.—18h. (38)	Weather. 18h. 1st to 1h. 2nd. (39)	Weather. 1h.—7h. 2nd. (40)
1	London (Kew)	cz$_0$y	p$_0$c	cpc	oRrlcm$_0$
	Croydon ...	bccz$_0$oy	cr$_0$⊕bc	pr$_0$bcpr$_0$	tlRRrr
	S. Farnborough	cciz$_0$	ccyir$_0$	r$_0$bccttR	tlRrr$_0$c
	Boscombe Down	cir$_0$c	cirom$_0$	ccr$_0$r$_0$	cr$_0$r$_0$bc
	Calshot (Sthmtn.)	ccz$_0$	c cr$_0$om$_0$	bcrrrtLR	cbc
	Lympne ...	bcc⊕	cycm$_0$	bccirm$_0$	cirfccm$_0$
	Manston ...	bcbm$_0$	bcbcm$_0$	bcm$_0$bc	bccirf
2	Shoeburyness ...	cbcc	bccm$_0$	cm$_0$m	ctlr$_0$
	Felixstowe ...	bcb	bcctlr$_0$	ctlr$_0$c	cir$_0$3$_0$
	Gorleston ...	bc	bc	bcspr$_0$	opr$_0$
	Mildenhall ...	bc	bc	cr$_0$c	orrr$_0$
	Cranwell ...	c	cycz$_0$	cz$_0$	cm$_0$
3	Birmingham ...	bcc	cir$_0$	cr$_0$	cr
4	Ross-on-Wye	cm$_0$r$_0$	c	crm$_0$	cr$_0$r$_0$
	Upper Heyford	cc	ccz$_0$	rcir$_0$	c
5	Portland Bill ...	cpr$_0$	cpr$_0$rr	cprc	c
	Plymouth ...	cr$_0$m$_0$	cz$_0$	cz$_0$	cm$_0$
	The Lizard ...	c	c	cbc	bctdc
	Scilly (St.Mary's)	cr$_0$c	cbc	cwod$_0$	cmofc
	Guernsey ...	orr	orcbc	crccc	bcbc
6	Pembroke ...	cir$_0$o	cpr$_0$cp	bcw	om$_0$ido
7	Holyhead ...	ir$_0$c	iq$_0$c	cbcw	bcwc
	Chester(Sealand)	ir$_0$cm$_0$	cm$_0$	orro	am$_0$
8	Manchester ...	cm$_0$z$_0$	cir$_0$ir	cmcr	cmbc
10	Spurn Head ...	bcc	cbcc	cpr$_0$	cpr$_0$
	Catterick ...	m$_0$cz$_0$	cz$_0$cir$_0$	ir$_0$cm$_0$	mcirc
	Tynemouth ...	offir$_0$	cpr$_0$	avro	oir$_0$
11	Inchkeith ...	oidfz	ifrfir	crofr	Flr3
	Leuchars ...	oidfor$_0$	rofrfr$_0$	crrcm$_0$	FFmom$_0$
12	Renfrew (Abbots I.)	cz$_0$	cz$_0$	3bcm3bc	bm$_0$wcm
	Eskdalemuir ...	rr r$_0$	r$_0$crr	rrcd$_0$	irc
	Point of Ayre...	oz	omz	ozrfc	c3c
13A	Tiree	bcc	cbbc	bcc	clR
13B	Stornoway ...	c	cbcc	cpr$_0$	cpr$_0$
15	Dalwhinnie ...	bc	bc	*	c
	Aberdeen ...	ffer$_0$	fmor$_0$	cm$_0$fc	crr$_0$
	Wick ...	cIF	cr bc	cr bc	bcc
16	Lerwick ...	bcc	coffe	ffersrm	coFFe
17	Blacksod Point	cc	DD	cD	id$_0$
18	Malin Head ...	bc	bc	c	cpr
	Aldergrove ...	bbc	boy	c	cid$_0$
19	Birr Castle ...	bccy	bccy	c cdoc	c ~~dfcdoc~~
20	Valentia Obsy. †	c	id$_0$ido	~~ddidoc~~	~~cidoc~~
	Roches Point	bc	bc	bccpr	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 Ragged low clouds of bad weather. (o. Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{20}$ 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), or Nimbo-stratus (Nb-St).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

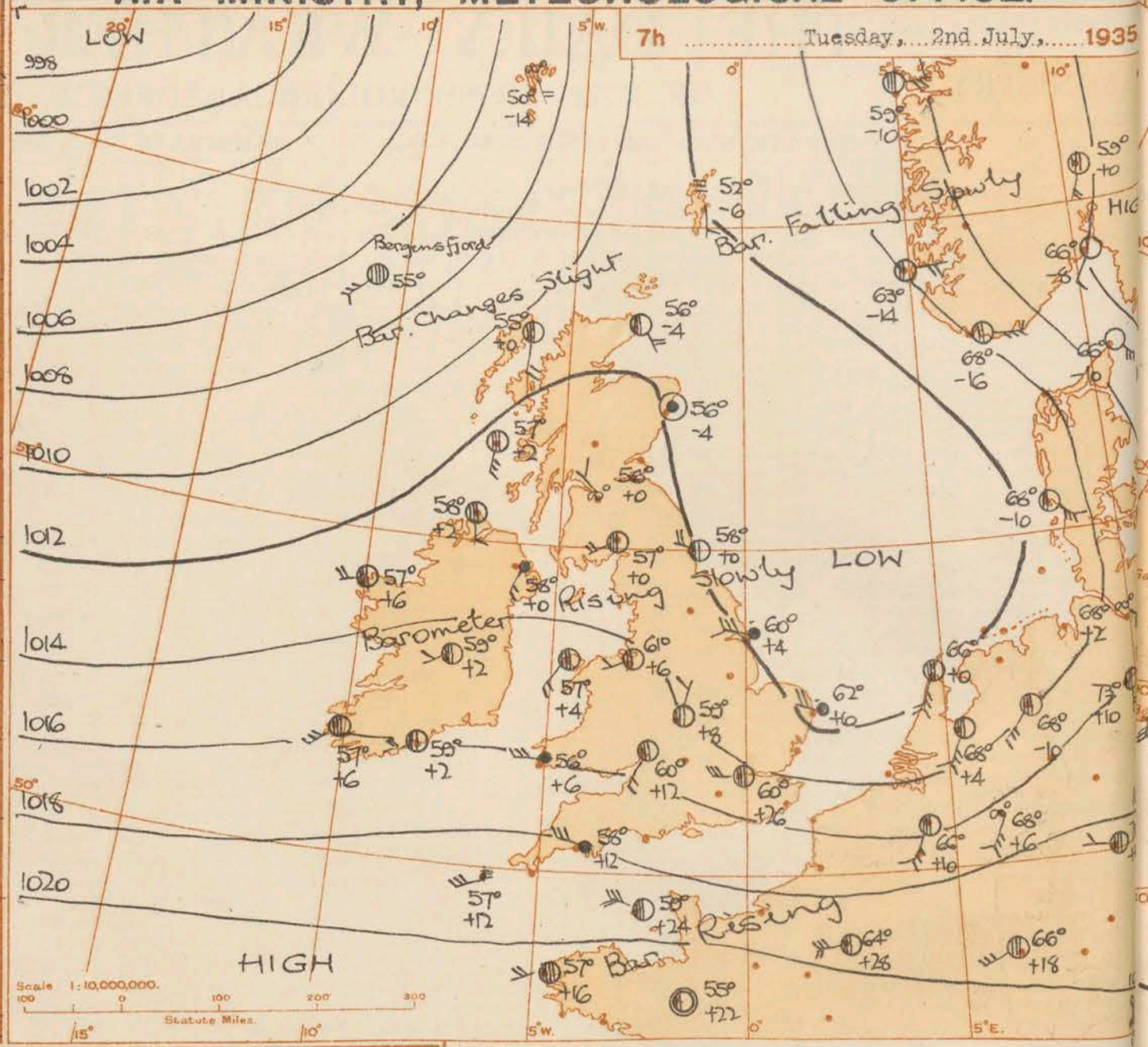
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 1st July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h.30 to 9h.	Temperature. Max. 9h.—17h.	Rainfall. Night 17h.30 to 9h. 1st	Rainfall. Day. 9h.—17h. 1st	Sunshine. Sunrise to 17h. 1st	Sunrise to Sunset. 30th
1	Tunbridge W.	bcuo	obcc	56	78	-	-	4·2	14·3
	Bournemouth	o	corr	62	72	-	3	0·2	8·7
	Ventnor ...	opz.	rocb	63	74	Tr	1	0·9	0·6
	Southsea ...	ochc	corbc	62	76	-	1	0·6	13·1
	Bognor Regis	bccpr	bcc	56	76	-	0·5	1·9	13·1
	Littlehampton	cbc	bc	59	78	-	-	2·3	14·2
	Worthing ...	cp	cbcpc	61	73	-	0·3	2·3	14·3
	Brighton ...	cpc	cb	61	75	-	Tr	2·8	13·9
	Eastbourne† ...	ycpoc	c	60	75	-	Tr	4·9	14·5
	Hastings† ...	bcbcc	cbcbc	59	78	-	-	5·9	14·1
	Folkestone ...	bc	bccbc	62	74	-	-	10·8	14·4
	Dover ...	bbc	bcobc	62	76	-	-	10·0	14·8
	Deal	b	bcb	59	74	-	-	11·0	14·6
	Ramsgate ...	b	bbc	61	71	-	-	10·8	14·2
	Margate ...	bc	bc	57	67	-	-	11·4	14·8
2	Southend ...	bc	bc	58	75	-	-	8·0	14·5
	Maldon ...	b	bcc	57	76	-	-	6·0	14·3
	Clacton-on-Sea	bc	bcc	60	72	-	-	9·2	14·4
	Dovercourt ...	bcv	bc	59	73	-	-	11·6	15·1
	Lowestoft ...	b	b	58	69	-	-	12·7	15·3
	Skegness ...	bc	bc	59	66	-	-	11·4	14·5
	Mablethorpe...	cbc	bcc	54	66	-	-	8·1	?
	Cleethorpes ...	bc	bc	57	67	-	-	9·5	12·1
3	Leamington S.	cbc	co	58	77	-	-	1·4	11·2
4	Cheltenham†	coc	cipo2	59	78	Tr	Tr	1·3	10·1
5	Bath... ...	cc	cbcr	61	75	0·3	0·5	0·3	9·1
	Weymouth ...	croc	crcc	62	70	0·2	3	0·0	6·2
	Jersey ...	tlrr	rcbc	61	66	23	4	0·5	7·2
	Torquay ...	pczo	opozo	61	68	3	Tr	0·0	5·0
	Penzance ...	c	ccbcb	56	63	3	-	1·8	0·9
	St. Ives ...	o	oc	55	59	5	-	0·1	0·2
	Bude... ...	o	o	60	64	-	-	0·0	1·7
	Ilfracombe ...	cgpo	co	60	64	1	-	0·0	3·4
6	Aberystwyth	rrpr	ror	57	65	6	2	0·0	1·5
7	Llandudno ...	iroor	roro	53	59	9	1	0·0	0·7
	Colwyn Bay...	opo	oporr	53	62	17	2	0·0	0·1
	Rhyl	oir	oir	53	60	22	1	0·0	0·0
8	Wallasey ...	op	iro	55	62	19	3	0·0	0·9
	Southport‖ ...	oro	oro	57	63	22	?	0·0	0·6
	Blackpool ...	cor	iro	59	65	20	3	0·0	1·1
	Morecambe ...	ric	ciror	59	67	7	3	0·0	0·6
9	Ilkley... ...	cbcbc	bccpc	56	71	4	0·2	3·8	0·4
	Harrogate ...	bcc	cir	55	71	6	9	3·1	R.0
10	Berwick-on-T.	of	Ro	54	56	1	1	0·0	0·1
11	Dunbar ...	ofdo	crr	53	60	0·5	7	0·0	3·4
12	Troon... ...	bbzbc	ccbcz	49	68	-	-	3·3	12·0
	Douglas ...	cmomo	omo	54	61	-	-	0·0	4·4

† 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. 2nd July, 1935.
1. S.E. England 2. E. England... 3. E. Midlands 4 W. Midlands	Light or moderate west or southwest wind; mainly fair; rather warm and close.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate southwest wind; cloudy, some bright periods, occasional local drizzle; average temperature or rather warm.
9. N Midlands 10. N.E England 11. S.E. Scotland	Light west or southwest wind; mainly fair, after occasional local rain at first; average temperature or rather warm.
12. S W. Scotland & Isle of Man	As 5 - 8.
13. {A. W Scotld. B. N W. Scotland}	Moderate southwest wind; cloudy, occasional drizzle or rain; average temperature.
14. Mid Scotland 15. N E. Scotland	Light or moderate southwest or south wind; cloudy; local rain at times; average temperature.
16. Orkneys and Shetlands	Light or moderate variable or southerly wind; cloudy, occasional rain or drizzle; local fog; average temperature.
17. N W. Ireland	As 13.
18. N.E. Ireland 19. S.E. Ireland 20. S W Ireland	As 5 - 8.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is cated by circle outside weather symbol. — Temperature is given in degrees
Weather Symbols:— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clo Sky 5/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Fog. Mist. Thunder. Thunderstorm. Slight haze.
Sea Disturbance.—Rough. ≈≈High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the tempera

GENERAL INFERENCE.

A shallow depression over the North Sea is movi north-northeast. A depression remains centred off Southwest Iceland and pressure is rising over England and France. Weather will be mainly fair except for drizzle or occasional rain in western coastal districts and in Northern Scotland.

FURTHER OUTLOOK.

Rather unsettled, especially in the Northwest.

Forecasts issued at 0910 G.M.T.

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

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

Morning of

TUESDAY,

2nd JULY,

1935.

HIGH

LOW

HIGH

LOW

HIGH

LOW

HIGH

LOW

HIGH

LOW

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 2nd July, 1935.

No. 26885.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1010·3	-2	S	2	L	63	95	6	5	-	-	9.	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1012·4	-2	SW	2	3o	57	95	5	5	-	-	10	10	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010·3	-2	-	0	bc	63	95	6	-	2	-	0	4·6	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1014·4	+10	NW	3	bc	58	95	7	4	-	-	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017·4	+2	W'N	4	bc	55	95	8	4	-	-	4·6	4·6	2500
	Scilly (St.Mary's)	163	1018·2	-2	W'S	3	c/d	56	95	6	5	-	-	10	10	2500
	Guernsey ..	175	1015·9	+26	NW	4	c	56	95	7	8	-	-	7·8	7·8	1500
6	Pembroke ...	142	1014·6	0	W'N	3	bc	56	95	7	5	-	-	4·6	4·6	4000
7	Holyhead ...	26	1014·0	+2	SSE	1	bc	53	95	7	5	3	-	2·3	4·6	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010·9	-4	N	5	pr.	60	95	6	5	2	-	7·8	10	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1013·4	-6	NNW	1	o	57	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	1013·9	-6	NE	2	f	55	95	3	5	-	-	10	10	<150
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1014·4	0	NW	1	c	54	95	7	-	4	-	0	7·8	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1010·8	-10	S	2	c	55	85	7	5	1	-	4·6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1012·0	-8	SSW	3	bc	53	95	8	5	7	1	4·6	4·6	1500
16	Lerwick ...	156	1014·1	-12	SW'S	4	c/f	53	95	7	8	2	-	7·8	10	800
17	Blacksod Point	18	1012·2	-2	SW	2	c	57	95	7	5	-	-	10	10	800
18	Malin Head ...	52	1012·1	-4	S	1	c	59	85	7	8	-	-	9+	9+	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1014·9	-6	S	3	df	57	95	3	5	-	-	10	10	<150
	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)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1014·9	+20	W	3	c	61	85	6	5	3	-	7·8	10	4000	1	*
	Croydon ...	1014·7	+26	WNW	3	c/r	60	95	5	5	7	-	4·6	9+	800	1	*
	S. Farnborough	1015·5	+26	W'N	2	c	62	95	6	5	3	-	9	9+	1500	1	*
	Boscombe Down	1016·3	+18	W	4	c	58	85	7	5	-	9	4·6	7·8	2500	1	*
	Calshot (Sthmtn.)	1016·7	+28	W'S	3	bc	59	95	8	7	3	-	4·6	4·6	1500	1	1
	Lympne ...	1014·4	+22	WNW	3	o3o	61	95	5	5	-	-	10	10	800	1	§2
	Manston ...	1013·0	+18	W	3	c/f	62	95	6	5	2	-	7+	10	800	1	*
2	Shoeburyness ...	1013·6	+20	W	2	o	63	95	6	5	-	-	10	10	1500	1	*
	Felixstowe ...	1012·5	+18	W	3	c	62	95	6	5	7	-	9	10	800	0	2
	Gorleston ...	1011·3	+10	WNW	2	ir.	62	95	6	6	-	-	10	10	1500	1	2
	Mildenhall ...	1012·8	+18	WNW	2	id.	61	95	6	5	7	-	7·8	10	800	1	*
	Cranwell ...	1012·7	+6	W'S	2	c3o	60	95	5	-	6	-	0	9+	-	0	*
3	Birmingham ...	1014·9	+8	NNE	1	c	59	95	6	5	-	-	7·8	7·8	4000	0	*
	Upper Heyford	1015·0	+14	WSW	3	c3o	61	95	6	5	3	-	4·6	9+	2500	1	*
4	Ross-on-Wye	1015·5	+12	SW	2	c	60	75	8	1	4	6	Tr	7·8	2500	1	*
5	Portland Bill ...	1017·6	+28	W	4	c	58	85	7	4	4	-	4·6	7·8	2500	1	3
	Plymouth ...	1018·3	+12	W'N	3	id.	58	95	5	5	-	-	9+	9+	450	1	1
	The Lizard ...	1019·3	+12	W'N	3	c	57	95	7	5	2	-	7·8	9+	1500	1	2
	Scilly (St.Mary's)	1019·3	+12	WSW	3	f	57	95	2	-5	-	-	10	10	<150	1	2
	Guernsey ..	1019·4	+24	NW	5	c	59	95	8	8	-	-	4·6	7·8	2500	1	3
6	Pembroke ...	1016·0	+6	W	3	id	56	95	6	5	-	-	10	10	1500	1	3
7	Holyhead ...	1014·3	+4	SW	2	c	57	95	7	5	3	-	4·6	9+	4000	1	1
	Chester(Sealand)	1014·4	+6	WSW	1	3o	61	85	6	-	4	5	0	4·6	-	1	*
8	Manchester ...	1013·9	+8	WNW	2	3o	57	95	8	5	-	4	1	4·6	450	1	*
10	Spurn Head ...	1011·5	+4	NW	4	pr.	60	95	6	3	2	-	4·6	9	1500	1	3
	Catterick ...	1012·4	0	-	0	3o	59	95	6	-	7+	-	0	9+	-	1	*
	Tynemouth ...	1012·0	0	NW	2	c/r	58	85	6	6	-	-	9	9	1500	1	1
11	Inchkeith ...	1013·0	-4	SW	2	om	55	95	4	5	-	-	10	10	1500	1	1
	Leuchars ...	1012·5	-6	WNW	2	o	56	95	6	5	-	-	10	10	450	1	*
12	Renfrew (Abbots I.)	1012·6	0	NW	1	3o	56	95	6	5	-	-	9+	9+	4000	10	*
	Eskdalemuir ...	1012·6	0	W'S	2	c	57	95	6	5	3	-	4·6	9+	1500	1	*
	Point of Ayre...	1013·4	0	WNW	1	bc	59	95	8	-	3	-	0	4·6	-	1	0
13A	Tiree	1012·0	+2	SSW	3	c/r	57	95	7	5	7	-	2·3	10	220	1	1
13B	Stornoway ...	1010·4	0	S	2	c/pr	55	95	6	5	2	-	7·8	9+	1500	1	1
15	Dalwhinnie ...	1012·6	-6	SW	2	c	55	95	7	5	6	1	4·6	10	2500	0	*
	Aberdeen ...	1011·9	-4	-	0	r.r.	56	95	5	6	2	-	4·6	10	4000	1	0
	Wick ...	1010·6	-4	SE	2	c	56	95	7	5	3	-	7·8	9+	1500	0	2
16	Lerwick ...	1012·6	-6	S	1	f	52	95	1	-	-	-	10	10	<150	1	*
17	Blacksod Point	1012·9	+6	WSW	2	o	57	95	7	5	-	-	10	10	800	1	2
18	Malin Head ...	1012·2	+2	S	1	o	58	95	7	8	-	-	10	10	1500	1	1
	Aldergrove ...	1013·5	0	SW'S	2	ido	58	95	8	5	2	-	9+	10	800	0	*
19	Birr Castle ...	1014·7	+2	SW	1	o	59	95	8	5	-	-	10	10	2500	0	*
20	Valentia Obsy. †	1016·0	+6	SW'S	3	c	57	95	7	5	2	-	7·8	10	450	1	3
	Roches Point	1015·7	+2	WSW	2	c	59	95	8	5	3	-	4·6	7·8	1500	1	2

PAST 24 HOURS.

DISTRICT	STATIONS.	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine Hrs. (36)
1	London (Kew)	78	60	59	Tr	28	2·6
	Croydon ...	76	60	59	Tr	12	3·3
	S. Farnborough	80	58	56	0·1	23	3·4
	Boscombe Down	72	56	55	2	3	0·4
	Calshot (Sthmtn.)	70	57	56	2	38	0·5
	Lympne ...	76	57	56	-	1	10·0
	Manston ...	72	58	57	-	1	12·0
2	Shoeburyness ...	73	61	59	-	1	9·9
	Felixstowe ...	71	62	57	0·3	0·1	12·1
	Gorleston ...	67	61	59	-	0·1	14·6
	Mildenhall ...	80	60	59	-	3	10·5
	Cranwell ...	79	57	57	-	-	6·1
3	Birmingham ...	73	57	55	Tr	0·5	2·0
	Upper Heyford	75	57	56	Tr	1	*
4	Ross-on-Wye	72	57	55	Tr	1	0·0
5	Portland Bill ...	65	57	*	2	1	*
	Plymouth ...	70	54	51	2	-	0·0
	The Lizard ...	63	54	*	-	0·1	*
	Scilly (St.Mary's)	64	54	*	Tr	Tr	8·4
	Guernsey ..	65	55	53	12	2	0·0
6	Pembroke ...	60	54	*	Tr	Tr	1·0
7	Holyhead ...	57	52	47	0·4	-	0·3
	Chester(Sealand)	64	57	54	0·3	5	0·1
8	Manchester ...	75	61	55	1	1	0·8
10	Spurn Head ...	67	58	*	-	0·6	10·9
	Catterick ...	72	56	54	Tr	1	2·4
	Tynemouth ...	62	56	50	Tr	1	*
11	Inchkeith ...	57	54	53	1	0·3	0·0
	Leuchars ...	58	54	54	2	1	0·0
12	Renfrew (Abbots I.)	63	50	46	-	-	0·0
	Eskdalemuir ...	61	54	53	6	1	0·0
	Point of Ayre...	58	48	*	0·1	0·2	0·0
13A	Tiree	63	55	53	-	0·6	7·9
13B	Stornoway ...	62	52	*	-	Tr	2·4
15	Dalwhinnie ...	68	51	46	-	-	11·3
	Aberdeen ...	57	53	51	0·5	2	0·0
	Wick ...	57	50	*	-	-	*
16	Lerwick ...	62	52	*	-	1	6·2
17	Blacksod Point	60	56	*	1	0·3	*
18	Malin Head ...	60	56	*	-	0·2	6·9
	Aldergrove ...	70	54	49	-	Tr	13·1
19	Birr Castle ...	71	57	50	-	-	10·2
20	Valentia Obsy. †	64	57	56	0·1	0·5	4·4
	Roches Point	64	58	*	-	0·4	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	c3oy	p.c	cpoRtlc	78	60	59	Tr	28	2·6	*	*	6
CROYDON	217	bcc3y3y	cr.⊕bc	p3tlRRc	76	60	59	Tr	12	3·3	*	*	6
GREENWICH (Royal Observatory)...	149	c	c	c3rtlRRc	78	60	59	-	8	4·6	66	78	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·3	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	78	61	60	9		4·0	62	77	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	79	61	60	-	11		65	79	*
CAMDEN SQUARE	110			*	81	61	61	-	8	*	At 18h.	76	*
KENSINGTON	80	bc	bco	*	79	61	60	-	9	3·0	47	79	*
HAMPSTEAD OBSERVATORY	150	bc	bcp	ortlc	77	58	56	Tr	10	5·5	*	89	*

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	7h 2nd	<0·1	2h 2nd

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0·3	5h 1st	<0·1	1h 2nd

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 1st July. Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.	7h. G.M.T. 2nd 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	1012·9	SSW	3	cjp	77	1019·0	W	5	c3o	64	81	63	-	2
BRUSSELS						1014·8	SSW	4	c	66		64		Tr
BERLIN	1018·6	SE	2	b	82	1017·8	SSE	1	bc	73	86	63	-	-
ZÜRICH	1018·2	W	7	TLR	66	1020·2	NW	1	bc	66	91	61	0·5	4
ROME	1017·0	S	2	b	82	1019·9	SSE	1	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 ,,	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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 3rd July, 1935.

No. 26886.

OBSERVATIONS at 13h. G.M.T. 2nd 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)	°F Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1015.0	+1.0	W	3	c	70	55	8	2	–	–	7-8	7-8	4000
	Croydon ...	1018.0	+1.4	WSW	4	c	70	55	8	2	–	–	4-6	7-8	2500
	S. Farnborough	1018.9	+1.8	W'S	4	c	74	65	7	1	–	–	9	9	2500
	Boscombe Down	1020.0	+2.4	W'S	3	c	69	75	8	1	–	–	9+	9+	1500
	Calshot (Sthmtn.)	1019.7	+1.6	SW	4	c	64	85	8	1	–	–	9+	9+	1500
	Lympne ...	1018.4	+1.4	SW'S	4	c	66	85	7	1	–	–	9-6	10	2500
	Manston ...	1017.1	+1.0	SW	4	c	71	65	6	1	–	–	7-8	7-8	1500
2	Shoeburyness ...	1017.2	+1.2	SW	3	bc	74	65	6	2	–	–	4-6	4-6	2500
	Felixstowe ...	1016.8	+1.8	W	3	c	71	65	6	2	–	–	4-6	7-8	4000
	Gorleston ...	1016.1	+2.0	WNW	3	c	70	65	6	2	–	–	7-8	7-8	4000
	Mildenhall ...	1015.7	+1.2	W	3	c	74	85	8	1	–	–	7-8	7-8	2500
	Cranwell ...	1015.1	+0.6	W	4	c	72	55	7	2	–	–	4-6	9	4000
3	Birmingham ...	1016.8	+1.6	WSW	3	c	68	65	8	6	6	–	4-6	7-8	4000
	Upper Heyford	1017.6	+1.4	WSW	4	bc	70	65	8	7	4	3	4-6	4-6	2500
4	Ross-on-Wye	1018.1	+1.2	WSW	3	c	64	75	7	5	–	–	9+	9+	4000
5	Portland Bill ...	1020.3	+1.6	WSW	4	c	58	95	7	4	4	–	4-6	7-8	2500
	Plymouth ...	1020.0	+1.0	SW	3	do	60	95	7	5	1	–	9+	9+	2500
	The Lizard ...	1021.0	+0.6	WSW	3	c	61	95	7	6	1	–	9+	9+	1500
	Scilly (St. Mary's)	1020.9	+0.6	WSW	3	c	61	85	7	6	1	–	10	10	1500
	Guernsey ...	1021.3	+1.2	W	4	c	62	85	7	5	1	–	10	10	1500
6	Pembroke ...	1017.7	+0.8	WSW	3	c	59	95	7	7	–	–	9+	9+	4000
7	Holyhead ...	1016.5	+1.2	SSW	3	bc	63	85	8	7	3	2+	2-3	4-6	4000
	Chester (Sealand)	1016.7	+1.2	NW'W	3	c/bc	62	85	7	8	1	–	7-8	9+	2500
8	Manchester ...	1016.0	+1.0	WNW	4	c	66	75	8	8	3	–	7-8	9+	2500
10	Spurn Head ...	1014.3	+0.4	NW	4	c	70	75	7	3	2	–	2-3	7-8	2500
	Catterick ...	1013.3	+0.6	W'S	4	c	68	85	8	5	1	–	4-6	9+	2500
	Tynemouth ...	1013.0	+0.4	W	2	bc	70	85	7	3	–	–	4-6	4-6	1500
11	Inchkeith ...	1012.2	–0.4	W	3	c	63	65	7	5	–	–	9+	9+	1500
	Leuchars ...	1011.1	–1.0	W	4	c	71	55	7	8	–	–	7-8	7-8	2500
12	Renfrew (Abbots I.)	1012.6	+0.4	SW	4	c	65	75	8	8	1	–	7-8	9+	2500
	Eskdalemuir ...	1012.8	0.0	SW	4	c	63	75	8	8	–	–	9	9	2500
	Point of Ayre ...	1015.1	+0.8	W	3	c	65	75	8	5	–	–	9	9	2500
13A	Tiree	1011.9	+0.6	SW	4	c	60	85	8	5	3	–	2-3	9+	450
13B	Stornoway ...	1012.2	0.0	S	3	c/bc	57	95	7	8	1	–	4-6	9+	1500
15	Dalwhinnie ...	1012.1	0.0	SW	2	c	57	95	7	8	1	–	7-8	9+	1500
	Aberdeen ...	1010.2	–0.6	ESE	2	c	68	65	7	5	1	–	7-8	9+	2500
	Wick ...	1010.2	–0.2	SW	2	c	62	85	7	8	3	–	4-6	9	2500
16	Lerwick ...	1010.6	–1.0	S'W	1	c	53	95	7	8	–	–	7-8	10	1500
17	Blacksod Point	1015.2	+0.0	WSW	3	c	59	95	8	5	–	–	10	10	1500
18	Malin Head ...	1013.6	+0.6	W	4	c	60	95	8	8	3	–	4-6	9	1500
	Aldergrove ...	1014.5	+0.6	WNW	2	bc	63	85	8	8	7	–	9	9+	1500
19	Birr Castle ...	1015.8	+0.6	SW	1	c/d	62	85	8	6	1	–	7-8	10	2500
20	Valentia Obsy. †	1018.9	+1.4	SSW	3	c	61	85	8	5	–	–	10	10	800
	Roches Point	1017.2	+0.8	WSW	2	bc	64	95	9	8	–	–	4-6	4-6	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020.1	+1.4	W	3	c	69	65	8	8	2	–	7-8	7-8	4000	1	*
	Croydon ...	1020.0	+1.0	SW	3	c	68	65	8	8	3	–	9	9+	2500	0	*
	S. Farnborough	1020.5	+1.0	WSW	4	c	66	75	8	8	1	–	9+	9+	2500	1	*
	Boscombe Down	1020.7	+0.6	SW	1	c	64	85	8	5	–	–	9+	9+	1500	1	*
	Calshot (Sthmtn.)	1021.4	+0.6	SW	4	c	62	95	7	5	1	–	4-6	9+	1500	1	2
	Lympne ...	1020.7	+1.2	WSW	4	c	65	75	7	1	–	–	Tr	7-8	1500	0	§
	Manston ...	1019.5	+1.4	WSW	4	bc	69	75	8	2	–	–	2-3	2-3	2500	0	*
2	Shoeburyness ...	1019.3	+1.4	SW'W	4	b	71	65	8	1	6	–	Tr	1	4000	0	*
	Felixstowe ...	1018.3	+1.2	SW'W	3	bc	73	55	8	1	3	–	4-6	4-6	4000	0	2
	Gorleston ...	1017.4	+1.8	SW'W	1	c	71	65	6	1	–	–	9+	9+	2500	0	2
	Mildenhall ...	1018.0	+1.2	W'S	4	no	71	65	6	8	7	–	4-6	7-8	2500	0	*
	Cranwell ...	1017.2	+0.6	WNW	2	c	70	65	7	8	3	–	4-6	7-8	2500	0	*
3	Birmingham ...	1018.6	+1.2	WSW	3	c	65	65	8	6	–	–	7-8	7-8	4000	0	*
	Upper Heyford	1019.8	+1.4	W'S	4	bc	65	75	8	7	7	1	4-6	4-6	2500	1	*
4	Ross-on-Wye	1020.0	+1.0	SW'W	3	c	62	75	7	5	3	–	7-8	9	2500	0	*
5	Portland Bill ...	1021.4	+1.2	WSW	4	c	58	95	7	4	4	–	4-6	7-8	2500	1	3
	Plymouth ...	1021.7	+1.0	SW'W	4	c	60	95	7	5	–	–	10	10	2500	1	2
	The Lizard ...	1021.7	+0.8	WSW	3	c	59	95	7	5	–	–	10	10	1500	1	2
	Scilly (St. Mary's)	1022.6	+1.0	W'S	3	c	58	95	7	8	–	–	10	10	2500	1	2
	Guernsey ...	1023.5	+0.8	W	3	c	60	95	7	5	–	–	7-8	7-8	2500	1	3
6	Pembroke ...	1019.4	+0.6	SW'W	3	c	58	95	7	7	4	–	7-8	7-8	4000	0	2
7	Holyhead ...	1017.7	+0.6	SSW	4	c	58	95	7	8	8	1	4-6	7-8	2500	1	*
	Chester (Sealand)	1018.4	+1.2	SW	1	c	64	75	8	8	3	–	7-8	9	2500	1	*
8	Manchester ...	1017.9	+1.4	WNW	3	c	64	75	7	7	3	–	7-8	9	2500	1	*
10	Spurn Head ...	1016.6	+0.6	WSW	5	c	67	75	7	3	2	–	4-6	9	2500	0	4
	Catterick ...	1016.2	+1.4	W'N	4	c	64	75	8	5	1	–	7-8	9	1500	0	*
	Tynemouth ...	1014.3	+1.4	W	2	bc	69	65	8	1	–	1	2-3	4-6	4000	0	1
11	Inchkeith ...	1013.3	+1.0	WSW	4	c	61	75	8	8	–	–	9	9	2500	0	1
	Leuchars ...	1012.6	+1.0	W	4	c	66	65	9	8	–	–	9	9	5700	0	*
12	Renfrew (Abbots I.)	1014.0	+0.6	WSW	4	c	63	75	7	8	4	4	7-8	9	1500	0	*
	Eskdalemuir ...	1014.5	+1.2	SW'W	4	no	59	95	7	9	–	–	9+	9+	2500	1	*
	Point of Ayre ...	1016.1	+0.4	W	4	c	67	85	8	4	2	–	1	7-8	1500	0	2
13A	Tiree	1014.5	+1.4	W'N	3	c	57	85	7	5	3	–	1	9+	1500	1	2
13B	Stornoway ...	1010.9	+0.4	S	3	bc	56	95	8	8	–	–	7-8	10	1500	1	2
15	Dalwhinnie ...	1012.8	+0.6	SW	4	c	58	75	7	4	6	–	2-3	7-8	2500	0	*
	Aberdeen ...	1011.6	+1.0	–	0	bc	59	95	7	8	–	–	9+	9+	1500	1	1
	Wick ...	1013.5	+0.4	N	2	no	58	95	7	8	–	–	7-8	9	1500	1	2
16	Lerwick ...	1009.9	–0.4	SW	1	c	54	95	6	8	5	2	4-6	10	450	1	*
17	Blacksod Point	1018.1	+1.8	WNW	3	c	58	85	8	5	–	–	10	10	1500	1	3
18	Malin Head ...	1015.1	+0.8	W	4	c	57	95	7	8	–	–	10	10	450	1	1
	Aldergrove ...	1016.2	+1.0	WSW	3	c	63	75	9	5	3	–	9+	9+	2500	1	*
19	Birr Castle ...	1018.0	+0.8	SW	2	c/d	62	75	8	6	1	–	7-8	9+	2500	1	*
20	Valentia Obsy. †	1020.8	+1.0	SW'W	3	c	59	85	8	5	–	–	10	10	800	0	2
	Roches Point	1019.2	+1.2	WNW	3	c	64	75	9	9	–	–	9	9	1500	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	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)	c z o 4	c	c	c c d.
	Croydon ...	c b c m o	b c y b c	c b c c	c i d.
	S. Farnborough	c b c y c	c c p r. c	p r. c c	c c r. c
	Boscombe Down	c	c w	c r. s c	c
	Calshot (Sthmtn.)	b c c	c	c	c
	Lympne ...	c d o m c	b c c	b c m g w	c m w b m.
	Manston ...	c z.	c h w c c	b c c c r.	c m.
2	Shoeburyness ...	c b c m o	b c c b	b c	b c c
	Felixstowe ...	c z. b c z o c z y	b c z o c z y	b c b y b y	b y c z.
	Gorleston ...	o r o c y	c p r.	c b c	b c c
	Mildenhall ...	c r o c	c b c z o c	c z. b c	b c z. c
	Cranwell ...	c z o c y	c z. b c	c b c	b c m.
3	Birmingham ...	b c	b c c	b c	b b c
	Upper Heyford	c h w b c	b c c b c	b c c	c m.
4	Ross-on-Wye	c b c c	c	c	c
5	Portland Bill ...	c	c	b c c	c c
	Plymouth ...	c h w l d.	c	c c r.	c p r. m.
	The Lizard ...	c b d h w	c	c p r. c	c
	Scilly (St. Mary's)	f f c d.	c	c	c
	Guernsey ...	b c	c	c o	c
6	Pembroke ...	c d o c	c	c	c
7	Holyhead ...	c d o b c	b c	p r. c	
	Chester (Sealand)	c p r	c b c	c	c d.
8	Manchester ...	b c c m p	c	c b c c	c m.
10	Spurn Head ...	p r o c	c	b c	b c
	Catterick ...	c h w c	c	c	c
	Tynemouth ...	c b c	b c	b c	b c
11	Inchkeith ...	c z.	c	c	c
	Leuchars ...	b c z o c y	c y c p r.	c b c	b w b c
12	Renfrew (Abbots I.)	c h w z o c	c p r b c c	r c b c	b c b w c
	Eskdalemuir ...	b c p r.	o r i R	c p r b c	b c
	Point of Ayre ...	c	c	c	c
13A	Tiree	c	c i d	c b	b b c w
13B	Stornoway ...	c p r. o	c p r	c p r.	c
15	Dalwhinnie ...	c	b c i r	*	i r c
	Aberdeen ...	c r o h w c	c P R w	c P R c	c b c b
	Wick ...	c	c i r	c i r c	c b c
16	Lerwick ...	F E F E i r w	o i r c w c	c	b c
17	Blacksod Point	c	i d	b c	c c
18	Malin Head ...	c i d. c	c	c p d b c	b c c
	Aldergrove ...	c i d. c b r.	c r. c	c i r. b c	b c w c
19	Birr Castle ...	c i d.	c i d	c	c
20	Valentia Obsy. †	c i d. c	c i d. c	c	c p r. c
	Roches Point	c b c	c p r. c	c p r. c	c w c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

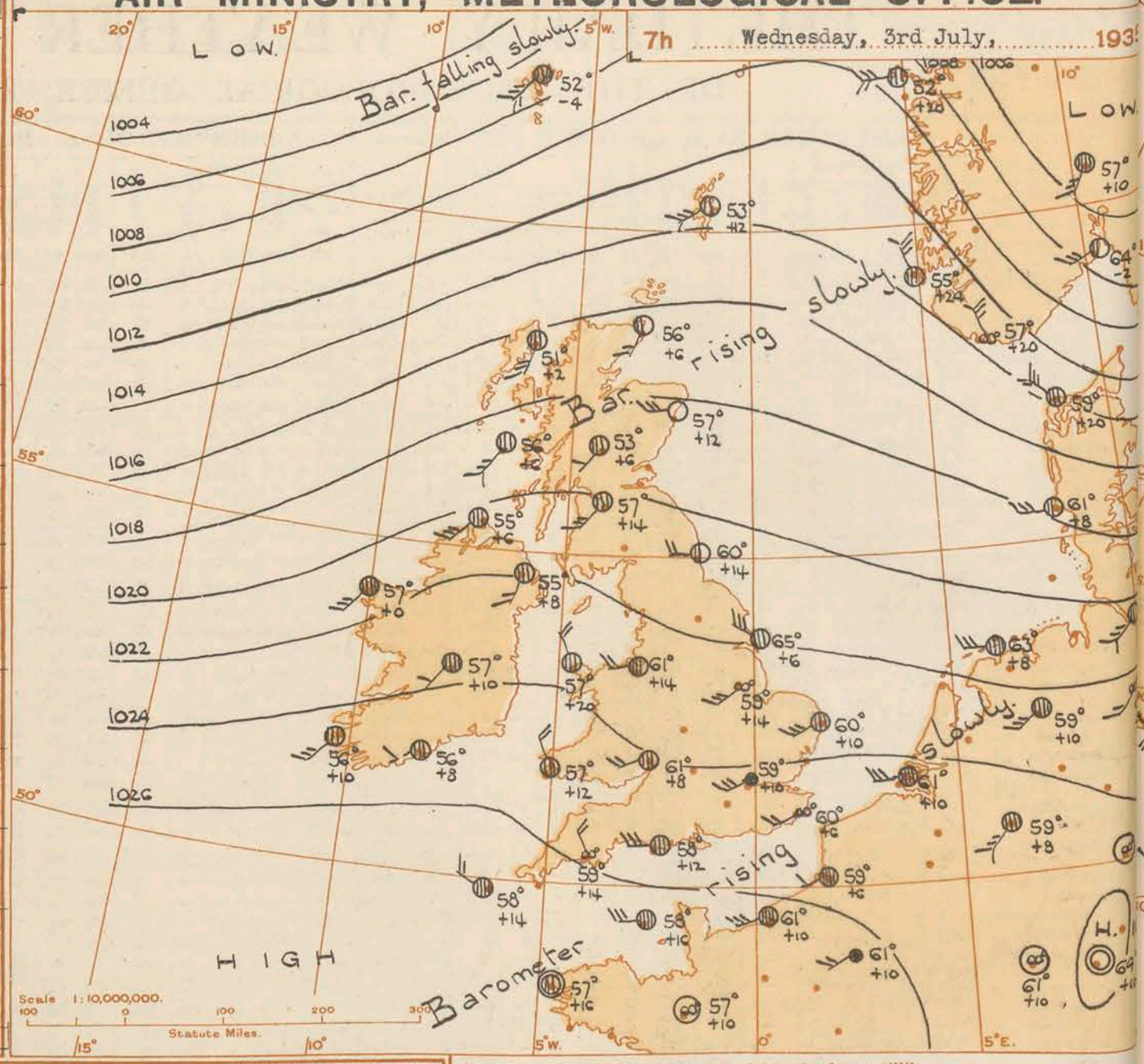
§ Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 2nd July, 1935.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	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.	cb	bc	60	73	1	–	6.3	4.9
	Bournemouth	bobc	c	55	67	0.5	–	4.8	0.2
	Ventnor ...	cbb	ov	57	64	4	–	5.6	1.5
	Southsea ...	bcc	cbco	58	68	32	–	6.2	1.4
	Bognor Regis	bc	bcbcc	59	69	6	–	7.4	2.1
	Littlehampton	bc	bcc	59	67	4	–	7.2	3.2
	Worthing ...	b	bbcc	60	69	3	–	7.4	2.4
	Brighton ...	cb	bc	59	67	–	–	6.7	4.6
	Eastbourne† ...	b	bbc	59	64	0.1	–	8.9	7.5
	Hastings† ...	bcb	bbc	58	69	0.3	–	8.1	8.3
	Folkestone ...	cbc	bc	57	69	0.3	–	6.7	12.0
	Dover ...	mcbc	bcb	58	71	–	–	7.6	11.5
	Deal	cobc	cb	58	75	–	–	6.5	11.9
	Ramsgate ...	cmbc	bc	59	75	1	–	5.4	11.6
	Margate ...	cbc	cbc	59	74	Trace	–	5.1	12.1
2	Southend ...	cmbc	bbcb	61	76	1	–	7.2	8.8
	Maldon ...	rcb	b	62	75	1	–	6.9	7.1
	Clacton-on-Sea	cbc	bcv	61	76	0.2	–	6.1	9.4
	Dovercourt ...	rocbcc	bcv	61	75	2	–	5.4	11.9
	Lowestoft ...	brbc	cbc	61	76	1	–	3.1	14.1
	Skegness ...	ovo	ovo	59	73	7	Trace	1.8	12.6
	Mablethorpe...	corhoc	cop	58	73	8	Trace	2.4	8.8
	Cleethorpes ...	oc	c	59	76	0.4	–	2.9	10.0
3	Leamington S.	bcc	bc	58	71	1	–	5.3	1.4
4	Cheltenham†	bcqc	cbcc	57	70	1	–	4.8	1.3
5	Bath	cbc	bcc	57	67	3	–	2.4	0.3
	Weymouth ...	bcc	c	56	63	0.5	–	2.2	0.0
	Jersey ...	bc	c	56	64	Trace	–	0.2	1.6
	Torquay ...	boc	cbc	53	66	Trace	–	1.7	0.0
	Penzance ...	bbcbc	c	55	65	Trace	–	2.8	4.7
	St. Ives ...	c	c	55	64	0.2	–	3.1	2.6
	Bude... ...	c	cbcc	56	62	1	–	1.2	0.0
	Ilfracombe ...	cbom	co	58	64	1	–	0.0	0.0
6	Aberystwyth	cbcc	bcc	55	62	1	–	0.9	0.0
7	Llandudno ...	cbc	bcc	53	67	Trace	–	4.6	0.0
	Colwyn Bay...	ccbc	bcbc	56	68	2	–	3.8	0.0
	Rhyl	bcc	cbc	54	67	1	–	2.7	0.0
8	Wallasey ...	cbc	bcbc	56	66	3	–	5.9	0.0
	Southport‖ ...	bccbc	bcc	57	67	2	–	6.2	0.0
	Blackpool ...	c	c	57	67	4	–	5.6	0.0
	Morecambe ...	bccbc	cbbc	57	65	5	–	4.7	0.0
9	Ilkley... ...	bc	bc	57	70	2	–	4.0	3.8
	Harrogate ...	cbc	bcc	58	70	0.3	–	3.6	5.2
10	Berwick-on-T.	oc	c	54	71	4	–	3.4	0.0
11	Dunbar ...	crrmo	bc	54	69	4	–	5.3	0.0
12	Troon... ...	cbcbc	bcrcb	54	62	–	0.5	1.3	4.4
	Douglas ...	cb	cb	50	63	–	–	2.0	0.1

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light west or southwest wind; fair; rather close.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light or moderate southwest wind; cloudy, bright periods, perhaps occasional slight rain locally; average temperature or rather warm.
10 N.E. England 11 S.E. Scotland	Light west or southwest wind; bright periods, perhaps a few local showers; rather warm.
12 S.W. Scotland & Isle of Man.	As 5 - 9.
13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland	Light or moderate southwest wind; mainly cloudy; occasional slight rain; average temperature, rather close.
15 N. E. Scotland 16 Orkneys and Shetlands	Light or moderate southwest wind; bright intervals, local showers; rather warm.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 5 - 9.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is cated by circle outside weather symbol :— ◯ TEMPERATURE is given in degree
WEATHER SYMBOLS :— ◯ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 cl ◑ Sky 5/10 to 9/10 clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet = 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 temper

GENERAL INFERENCE.

Pressure is high from the Azores to Central Europe and low over Iceland and Scandinavia. Weather will be fair except for occasional slight local rain, chiefly in the North and extreme West.

FURTHER OUTLOOK.

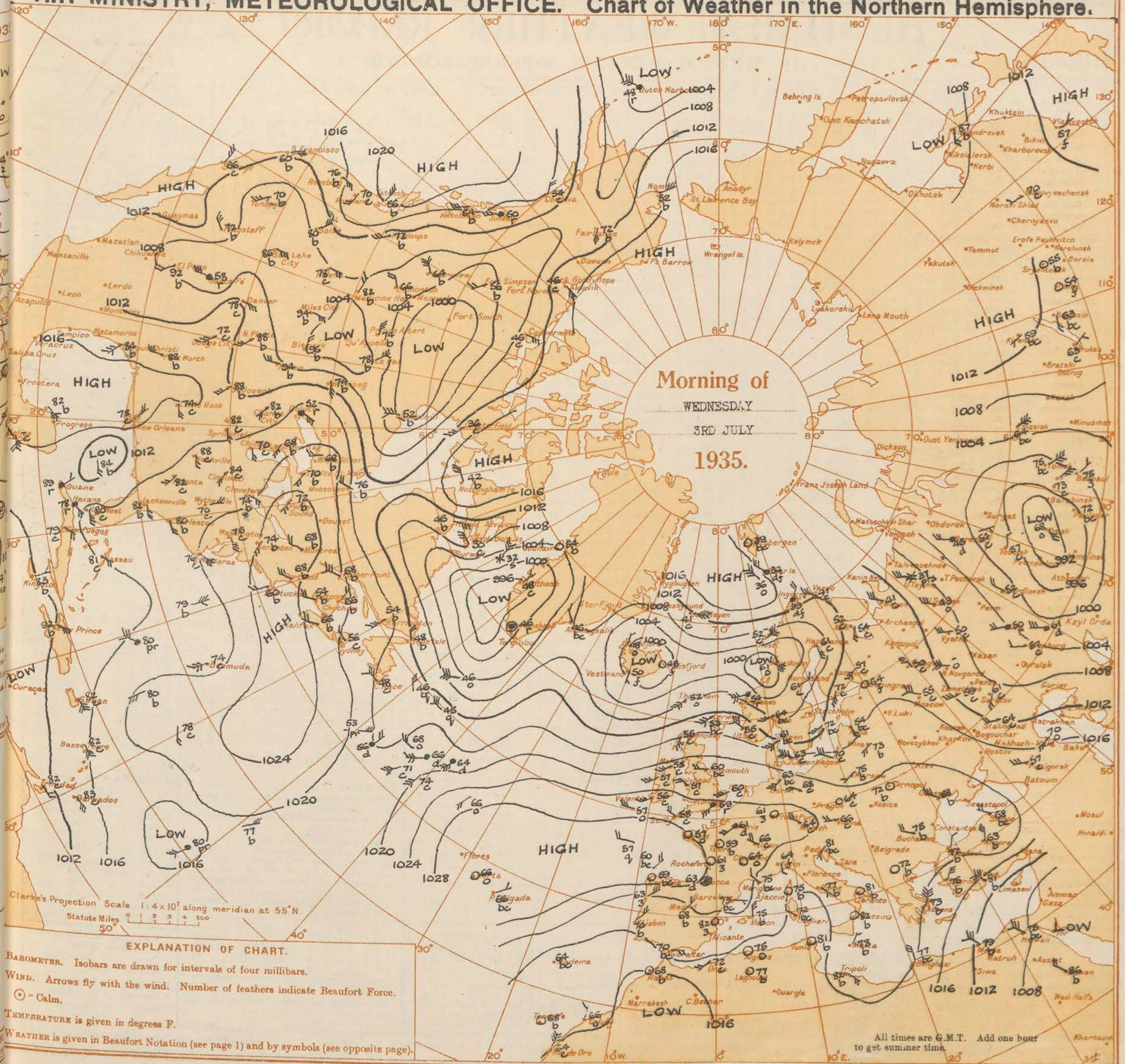
Little change.

G. C. SIMPSON, C.B., D.Sc., F.
Direct

Forecasts issued at 1000 G.M.T.

H.M.Stationery Office Press, Kingsway, W.C.2. 212/2904 W.8081. D.6001. 6s. 90 8/35.

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, 3rd July, 1935.
No. 26886.

OBSERVATIONS at 1 hr. G.M.T. 3rd 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	1022.8	+10	S	2	c	60	95	8	5	–	–	7-8	7-8	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024.1	+10	W'S	2	3o	56	95	6	5	–	–	10	10	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021.6	+6	SW'W	3	bc	61	85	7	5	–	–	4-6	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1023.7	+18	W	4	c	57	95	7	4	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1024.6	+10	W'S	3	c	56	95	8	5	–	–	10	10	1500
	Scilly (St.Mary's)	163	1025.0	+8	W	3	c	57	95	8	5	–	–	10	10	2500
	Guernsey ..	175	1026.5	+20	W	1	o	57	95	7	5	–	–	10	10	1500
6	Pembroke ...	142	1021.5	+4	WSW	3	c	58	95	7	5	2	–	4-6	10	4000
7	Holyhead ...	26	1020.4	+10	W'N	3	c	60	85	7	5	–	–	9+	9+	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020.1	+6	WSW	3	c	61	85	6	5	2	–	4-6	9	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1017.7	+4	W	2	bc	60	85	7	4	–	–	4-6	4-6	4000
11	Inchkeith ...	190	1017.1	+12	SW	3	c	56	95	8	4	3	–	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1019.3	+14	W	3	c	58	95	8	4	–	–	7-8	7-8	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80														
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013.8	+16	WNW	3	c	52	95	8	8	1	–	7-8	7-8	1500
16	Lerwick ...	156	1011.4	+6	W	4	c	52	95	8	5	2	–	4-6	9+	1500
17	Blacksod Point	18	1020.9	+6	SW	2	bc	52	85	8	4	–	–	4-6	4-6	2500
18	Malin Head ...	52	1018.7	+6	W	3	b	53	85	7	4	–	–	1	1	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023.4	+14	WSW	3	c	56	95	7	4	–	–	9+	9+	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1024.9	+14	W	3	d	60	75	8	8	2	–	9	10	2500	1	*
1024.5	+10	SW'W	3	ir.	59	85	8	6	7	–	4-6	9+	1500	1	*
1025.2	+16	WSW	2	c	60	85	7	5	–	–	10	10	2500	1	*
1024.2	+14	W'S	2	c	58	95	7	5	–	–	10	10	2500	1	*
1025.3	+14	WSW	2	c	60	85	8	8	–	–	10	10	2500	1	*
1024.9	+6	W'S	2	3o	60	85	6	5	–	–	10	10	800	0	§2
1024.2	+8	WSW	2	c	62	85	7	5	2	–	9	10	4000	0	*
1024.3	+8	W	3	c	62	85	7	5	–	–	10	10	1500	0	*
1023.9	+14	WSW	3	3o	62	75	6	5	–	–	9	9	4000	0	2
1023.5	+10	W'S	3	c	60	85	6	5	–	–	9+	9+	2500	0	2
1023.4	+18	W'S	2	3o	60	85	6	5	7	–	7-8	9+	4000	0	*
1023.0	+14	W'S	3	3o	59	86	6	5	3	–	4-6	9+	5700	0	*
1023.5	+14	SW	2	c	59	85	7	5	3	–	2-3	7-8	2500	0	*
1024.4	+14	W	3	c	59	95	8	5	1	–	7-8	9+	1500	1	*
1023.7	+8	WSW	2	c	61	85	6	5	–	–	9+	9+	4000	0	*
1025.2	+12	W	3	c	58	95	7	4	–	–	7-8	7-8	2500	1	3
1025.8	+14	NW	2	3o	59	95	6	5	–	–	10	10	1500	1	1
1026.5	+12	W	2	c	56	95	8	8	7	–	7-8	10	1500	1	2
1027.0	+14	WNW	3	c	58	95	8	8	–	–	10	10	2500	1	2
1026.7	+16	W	3	o	58	95	7	5	–	–	10	10	1500	1	3
1024.3	+12	NW	2	c	57	95	7	5	6	–	4-6	9	4000	0	2
1023.3	+20	WNW	2	c	57	85	8	5	–	–	9+	9+	4000	1	1
1023.0	+14	W	2	c	61	85	6	8	3	–	7-8	9	4000	1	*
1022.5	+18	WNW	2	c	60	85	7	5	–	–	10	10	1500	1	*
1022.2	+6	W'N	3	c	65	75	6	5	2	–	4-6	7-8	1500	0	2
1021.0	+14	WNW	2	c	62	85	8	5	3	–	7-8	9+	2500	0	*
1020.1	+14	W	2	bc	60	85	7	2	–	1	2-3	4-6	2500	0	1
1020.6	+20	SW	4	c.	53	85	8	5	–	4	4-6	7-8	4000	0	2
1019.6	+12	WSW	3	bc	56	75	8	–	3	4	0	4-6	–	0	*
1020.5	+14	SW	3	c	57	75	8	8	3	4	7-8	9+	2500	0	*
1020.9	+12	WSW	2	c	53	85	8	2	3	–	4-6	7-8	2500	1	*
1022.5	+12	W	3	c	59	85	8	2	3	4	2-3	7-8	1500	0	1
1019.0	+6	SW'S	4	bc	56	85	8	5	3	6	2-3	4-6	4000	0	2
1016.0	+2	SSW	3	c	55	75	8	5	7	–	7-8	9+	2500	1	2
1019.0	+6	SW	1	c/r	53	75	8	5	6	–	7-8	9+	2500	0	*
1018.6	+12	W	3	b	57	65	8	–	–	–	0	0	–	1	1
1016.3	+6	SW	2	bc	56	85	8	5	1	–	2-3	4-6	2500	0	2
1013.9	+12	WSW	4	bc	53	85	8	7	–	–	2-3	4-6	2500	0	*
1020.8	0	SW	3	c	57	75	8	5	–	–	10	10	1500	0	3
1020.1	+6	SW	3	c	55	85	7	8	7	–	4-6	9	1500	0	1
1022.2	+8	SW	2	c	55	85	8	5	3	6	2-3	9	1500	1	*
1023.2	+10	SW	1	c	57	85	8	5	–	–	10	10	2500	1	*
1025.1	+10	SW'S	3	c/pr	56	95	8	5	2	–	9+	10	800	1	2
1024.6	+8	WSW	1	c	56	95	8	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 2nd Hrs. (36)
1	London (Kew)	72	60	56	–	Tr	8.7
	Croydon	72	59	58	–	Tr	8.4
	S. Farnborough	72	59	58	–	Tr	7.9
	Boscombe Down	74	58	57	Tr	Tr	5.5
	Calshot (Sthmtn.)	69	56	55	–	0.6	4.1
	Lympne	68	58	57	–	–	5.2
	Manston	71	55	54	Tr	–	8.2
2	Shoeburyness	76	56	54	–	Tr	7.3
	Felixstowe	77	60	55	–	–	9.4
	Gorleston	76	59	57	–	–	6.7
	Mildenhall	74	57	56	0.2	–	3.7
	Cranwell	75	57	55	Tr	–	5.5
		75	56	53	–	–	3.5
3	Birmingham	69	56	52	–	–	6.0
	Upper Heyford	71	52	48	–	–	*
4	Ross-on-Wye	67	54	45	–	–	3.8
5	Portland Bill	59	57	*	–	–	*
	Plymouth	62	57	56	Tr	0.1	0.2
	The Lizard	63	55	*	Tr	0.1	*
	Scilly (St.Mary's)	62	55	*	0.3	–	0.3
	Guernsey	62	56	54	–	–	0.9
6	Pembroke	62	56	*	Tr	–	2.2
7	Holyhead	64	57	55	Tr	Tr	6.6
	Chester(Sealand)	68	59	53	0.3	Tr	3.1
8	Manchester	70	56	56	Tr	–	6.4
10	Spurn Head	72	58	*	Tr	–	2.3
	Catterick	72	59	51	–	–	3.3
	Tynemouth	72	59	52	–	–	*
11	Inchkeith	64	51	48	–	–	6.5
	Leuchars	71	48	40	Tr	–	7.6
12	Renfrew (Abbots L.)	66	46	43	Tr	–	1.0
	Eskdalemuir	67	49	44	4	0.4	4.9
	Point of Ayre	69	53	*	–	–	4.1
13A	Tiree ...	61	50	46	Tr	–	2.8
13B	Stornoway	60	50	*	0.1	–	1.3
15	Dalwhinnie	56	46	40	Tr	0.2	2.3
	Aberdeen	69	49	42	3	1	1.4
	Wick	64	45	*	0.5	0.6	*
16	Lerwick	54	51	*	1	–	0.1
17	Blacksod Point	61	51	*	0.4	–	*
18	Malin Head	61	51	*	1	Tr	0.6
	Aldergrove	55	49	43	1	Tr	0.1
19	Birr Castle	64	54	51	3	–	0.3
20	Valentia Obsy. †	61	55	52	Tr	Tr	0.1
	Roches Point	65	54	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T %	Humidity. 9h. G.M.T %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	c3y	c	ccd.	72	60	56	–	Tr	9.1	*	*	8
Croydon	217	cbcm.	bcybc	cb,cid.	72	59	58	–	Tr	7.9	*	*	8
Greenwich (Royal Observatory)	149	c	cy.	c.	76	59	56	–	–	6.4	59	68	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7.7	*	*	*
Westminster (St. James' Park)	27	*	*	*	74	59	59	–	–	7.4	57	74	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	78	59	59	–	–	8.9	59	75	*
Camden Square	110	cbc	bcc	*	75	60	59	–	–	*	At 18h. 69		*
Kensington	80	bc	cbc	*	73	60	59	–	–	8.2	65	68	*
Hampstead Observatory	450	cbc	bc	bc	72	55	55	–	–	9.3	*	79	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.3	8h 2nd	Nil	12h–16h 2nd, 0.3h 3rd

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	9h 2nd	<0.1	23h 2nd

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	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.

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1022.6	W	3	bc	73
Brussels	1020.8	WSW	3	b	66
Berlin	1018.8	S	4	tlr.	70
Zürich	1022.7	WNW	3	c	70
Rome	1020.3	SW	2	bc	81

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1026.7	WSW	2	d.d.	61
1021.8	WNW	2	c	68
1024.0	NNE	1	c	66

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
73	61	–	Tr
70		1	
72	64	2	4
77	63	Tr	–
*	*	–	

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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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 4th July 1935.

No. 26887

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine 2nd Hrs. (36)
1	London (Kew)	1025·7	0	SW	2	c	68	65	7	5	–	–	9+	9+	2500	8·7
	Croydon ...	1025·3	+4	SSW	3	c	67	65	7	7	–	–	9+	9+	4000	8·4
	S. Farnborough	1025·7	+6	SSW	3	c	69	65	7	5	–	–	9+	9+	2500	7·9
	Boscombe Down	1025·8	+2	SSW	2	c	65	72	7	4	–	–	9+	9+	1500	5·5
	Calshot (Sthmtn.)	1026·6	+6	SSW	3	c	64	65	7	8	7	–	7-8	10	2500	4·1
	Lympne ...	1025·9	+2	SSW	3	c	65	65	7	8	–	–	9+	9+	2500	5·2
	Manston ...	1026·4	+4	SW	3	c	65	75	7	5	2	–	4-6	9+	2500	8·2
2	Shoeburyness ...	1025·4	+2	WSW	2	c	67	65	7	5	–	–	9+	9+	2500	7·3
	Felixstowe ...	1024·9	+2	WSW	2	c	68	65	7	5	–	–	9+	9+	2500	9·4
	Gorleston ...	1023·8	+2	SW	3	bc	70	65	7	2	–	–	4-6	4-6	2500	6·7
	Mildenhall ...	1023·4	+2	SW	2	c	71	65	7	8	3	–	2-3	7-8	4000	3·7
	Cranwell ...	1023·1	−2	WSW	3	c	71	65	7	8	6	–	7-8	9	4000	5·5
3	Birmingham ...	1023·4	+2	W	3	bc	70	58	8	5	–	–	4-6	4-6	4000	3·6
	Upper Heyford	1025·0	+2	SW	3	c	67	65	8	8	3	–	7-8	7-8	2500	6·0
4	Ross-on-Wye	1023·8	0	SW	3	bc	69	65	8	1	–	–	4-6	4-6	4000	*
5	Portland Bill ...	1027·6	+6	WSW	4	c	60	85	8	4	4	–	4-6	7-8	2500	3·8
	Plymouth ...	1027·3	+6	SW	3	c	62	88	8	7	3	–	4-6	9	2500	*
	The Lizard ...	1028·8	+10	W	3	c	62	85	8	8	3	–	4-6	9	1500	0·2
	Scilly (St. Mary's)	1029·0	+10	W	3	c	63	85	8	8	5	–	2-3	7-8	2500	*
	Guernsey ...	1028·4	+6	W	3	c	63	85	8	8	–	–	7-8	7-8	1500	0·3
6	Pembroke ...	1025·9	+6	WSW	3	c	60	85	7	8	7	–	2-3	7-8	5700	0·9
7	Holyhead ...	1023·8	+2	SW	4	bc	62	75	8	7	3	–	2-3	4-6	4000	2·2
	Chester (Sealand)	1023·9	+6	SW	3	bc	65	65	8	2	3	–	2-3	4-6	4000	6·6
8	Manchester ...	1023·5	+6	WSW	4	bc	67	65	8	1	4	–	4-6	4-6	2500	3·1
10	Spurn Head ...	1022·3	0	WSW	4	c	68	65	6	3	7	–	4-6	9	2500	6·4
	Catterick ...	1022·0	+10	WSW	4	bc	67	65	8	7	3	–	2-3	4-6	4000	2·3
	Tynemouth ...	1020·8	+2	W	2	bc	66	65	8	7	8	–	2-3	4-6	4000	3·3
11	Inchkeith ...	1020·1	−6	SW	4	c	59	65	8	4	2	–	4-6	9	4000	*
	Leuchars ...	1020·0	−8	WSW	4	c	63	55	8	7	–	6	4-6	3+	4000	6·5
12	Renfrew (Abbotsl.)	1019·6	+6	SW	4	c	61	65	9	8	7	–	7-8	9	4000	7·6
	Eskdalemuir ...	1020·3	−8	SSW	5	c	61	75	8	8	4	7	7-8	9	4000	1·0
	Point of Ayre ...	1022·8	0	SW	3	bc	67	55	8	1	–	5	4-6	4-6	4000	4·9
13A	Tiree	1021·5	−16	SW	5	r	55	95	6	6	2	–	4-6	10	1500	4·1
13B	Stornoway ...	1018·4	−10	SSW	4	c	56	75	8	5	7	–	7-8	10	1500	2·8
15	Dalwhinnie ...	1018·1	−6	SW	3	c	56	65	8	5	6	–	7-8	10	2500	1·3
	Aberdeen ...	1017·1	−14	SSE	4	bc	61	55	8	7	3	–	2-3	4-6	4000	2·3
	Wick ...	1015·9	−6	SSW	3	c	59	75	8	8	4	–	7-8	9	1500	1·4
16	Lerwick ...	1014·0	−4	WSW	6	bc	55	75	8	8	3	–	2-3	4-6	1500	*
17	Blacksod Point	1019·2	−12	SW	5	DD	60	95	6	6	–	–	10	10	800	0·1
18	Malin Head ...	1018·2	−16	SSW	3	c/p	58	85	7	6	1	–	4-6	10	1500	*
	Aldergrove ...	1021·0	−6	SW	4	c	60	75	8	8	–	–	10	10	2500	0·6
19	Birr Castle ...	1023·1	−4	SW	1	c/d	60	85	8	6	2	–	7-8	10	1500	0·1
20	Valentia Obsy. †	1025·8	+6	SW	4	c/d	60	95	6	5	–	–	10	10	450	*
	Roches Point	1025·7	0	WSW	2	c	60	85	9	6	2	–	4-6	9	1500	0·3
																0·1
																*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1024·5	−10	WSW	3	bc	72	55	8	7	–	1	4-6	4-6	4000	1	*
1024·4	−6	SW	3	bc	70	65	8	2	3	5	2-3	4-6	4000	0	*
1024·7	−6	WSW	3	bc	70	65	8	1	5	8	4-6	4-6	4000	0	*
1025·4	0	W'N	3	c	66	65	8	7	–	–	2-3	7-8	4000	1	*
1025·9	−2	SW	4	bc	64	85	8	7	–	5	2-3	4-6	4000	1	§
1025·6	−6	SW	3	bc	63	85	7	8	–	–	2-3	2-3	2500	0	*
1024·6	−6	SSW	3	b	68	75	7	5	–	–	1	1	2500	0	*
1024·5	−12	WSW	2	bc	70	75	7	2	1	–	4-6	4-6	2500	0	*
1023·6	−8	SW	3	bc	71	55	7	5	–	4	1	2-3	4000	0	1
1023·3	−4	SSW	3	bc	72	65	7	2	–	–	4-6	4-6	2500	0	2
1022·5	−8	W'S	2	c	73	55	8	1	3	4	1	7-8	4000	0	*
1021·8	−6	W'S	4	c	72	45	8	–	7	6	0	9	–	0	*
1022·7	−2	SW	3	c	70	55	8	1	–	2	2-3	7-8	4000	0	*
1024·3	−2	SW	3	c	67	65	9	2	–	6	2-3	9	4000	1	*
1024·6	+4	W'S	4	bc	65	65	8	5	5	1	1	4-6	4000	0	*
1026·7	−4	W	4	c	59	85	8	4	4	–	4-6	7-8	2500	1	3
1027·9	+4	W'N	4	c	62	75	8	4	–	9	7-8	9	2500	0	1
1029·0	0	W'N	4	c	59	95	8	8	–	–	9+	9+	1500	0	2
1028·8	−6	W	4	c	59	85	8	5	7	–	2-3	9+	2500	0	2
1028·4	0	W	5	bc	62	85	8	–	3	9	1	4-6	800	–	3
1025·1	−4	WSW	4	c	58	85	7	5	–	–	9+	9+	2500	0	3
1022·4	−10	SSW	5	c	57	95	7	5	7	–	7-8	10	4000	1	2
1023·0	−6	SW'W	4	c	64	85	9	7	4	1	7-8	9	4000	0	*
1022·2	−8	W	4	c	65	65	8	7	7	–	4-6	9+	4000	0	*
1020·9	−4	W'N	4	c	68	65	6	5	7	–	4-6	9	1500	0	3
1020·5	−10	W'S	3	c	61	75	9	5	7	–	4-6	9+	2500	0	*
1019·0	−6	W	2	c/bk	61	75	7	6	–	–	7-8	7-8	1500	1	1
1017·7	−10	SW	3	r·r·	55	95	7	6	–	–	10	10	1500	1	2
1018·8	−16	SW	3	ir	55	85	6	–	2	–	10	10	2500	1	*
1018·1	−26	S'W	4	r·r·	57	95	5	6	–	–	10	10	800	1	*
1018·8	−14	SSW	5	r·r·	53	95	6	6	2	–	7-8	10	1500	1	*
1019·9	−18	SW	4	o	63	75	8	9	2	–	2-3	10	2500	0	3
1012·7	−22	SW	5	c/d	56	95	6	8	–	–	10	10	220	1	3
1008·5	−22	SSW	5	r·r·	53	95	6	5	–	–	10	10	1500	1	2
1014·8	−24	SW	3	rr	52	95	7	6	2	–	7-8	10	2500	1	*
1015·2	−6	SW'S	3	rr	55	85	6	–	2	–	10	10	4000	1	1
1011·8	−18	SW	4	pr·	55	95	8	8	7	–	7-8	9	1500	1	2
1011·8	−17	SSW	5	c	54	75	8	8	7	–	7-8	9+	1500	0	*
1019·5	+2	SW	5	id	58	95	6	6	–	–	10	10	800	1	4
1015·6	−8	WSW	4	id·	58	95	6	6	–	–	10	10	800	1	1
1017·9	−10	SW'S	5	c/d	61	95	8	8	–	–	10	10	800	1	*
1022·3	−2	SW	3	id	61	95	8	6	2	–	7-8	10	1500	1	*
1026·6	+6	SW'W	4	id·	58	95	5	5	–	–	10	10	450	1	2
1024·7	−4	W	3	c	64	85	9	8	3	–	4-6	7-8	1500	0	2

PAST 24 HOURS.

Weather. 7h.–13h. 3rd (37)	13h.–18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.–7h. 4th (40)
c d·c	cbc	bcb	b-c
cir·c	cbc	bcc	o
c	bc	bcwc	occ
c	cbcv	bcvc	coc
c	cbc	bc	bcc
cid·mc	cbcb	bccfbm·	bcm·wc
cid·	cb	bc	bcc
c	cbc	bc	c
c·z·c	cbcby	bybcc	c
cbc	bcbr	bccbc	bccq
cbc	bc	bc	c
c·z·c	cbccy	cbc	bcc
bc	bc	bcc	c
c	c·cc	c·cc	c
cobc	bcy	c	c
c	c	c	c
c·m·	c	c	cm··
c	cbcc	cffdb	ffidf
c	c	FFe	ffeif
oc	cbc	bcco	off
bcc	c	cgtem·	Fefec
cbc	bcc	cd·m·	c
c·p·bcv	bcvy	c	cid·
cbc	bcc	cr·r·	eirc
c	cir	ir·cpr	c
bccy	cyo r·r·	om·ire	cbc
c	cr·r·tm·	cmr·r·e	c
bcc	cyy r·	cr·d·	cr·c
cbc	bco	o	oc
bccrr	RDr	m·dd·	cm·
cpr·c	cr·o·t·	cr·r·fl	cir·
c	cr·rc	*	rrc
bbcy	bcorr	rroz·	cq by
bcc	cpr·	cprtl	c
bc	bcc	cor·r·m·	or·r·mc
id	id	id	id
c	cir	oid·	od·
co	opr·id·	oid·c	oc
cid	cid	cid	cid
d·r·ddo	oid·	oid·o	oid·c
cpr·c	cpr·c	cpr·c	cbc.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

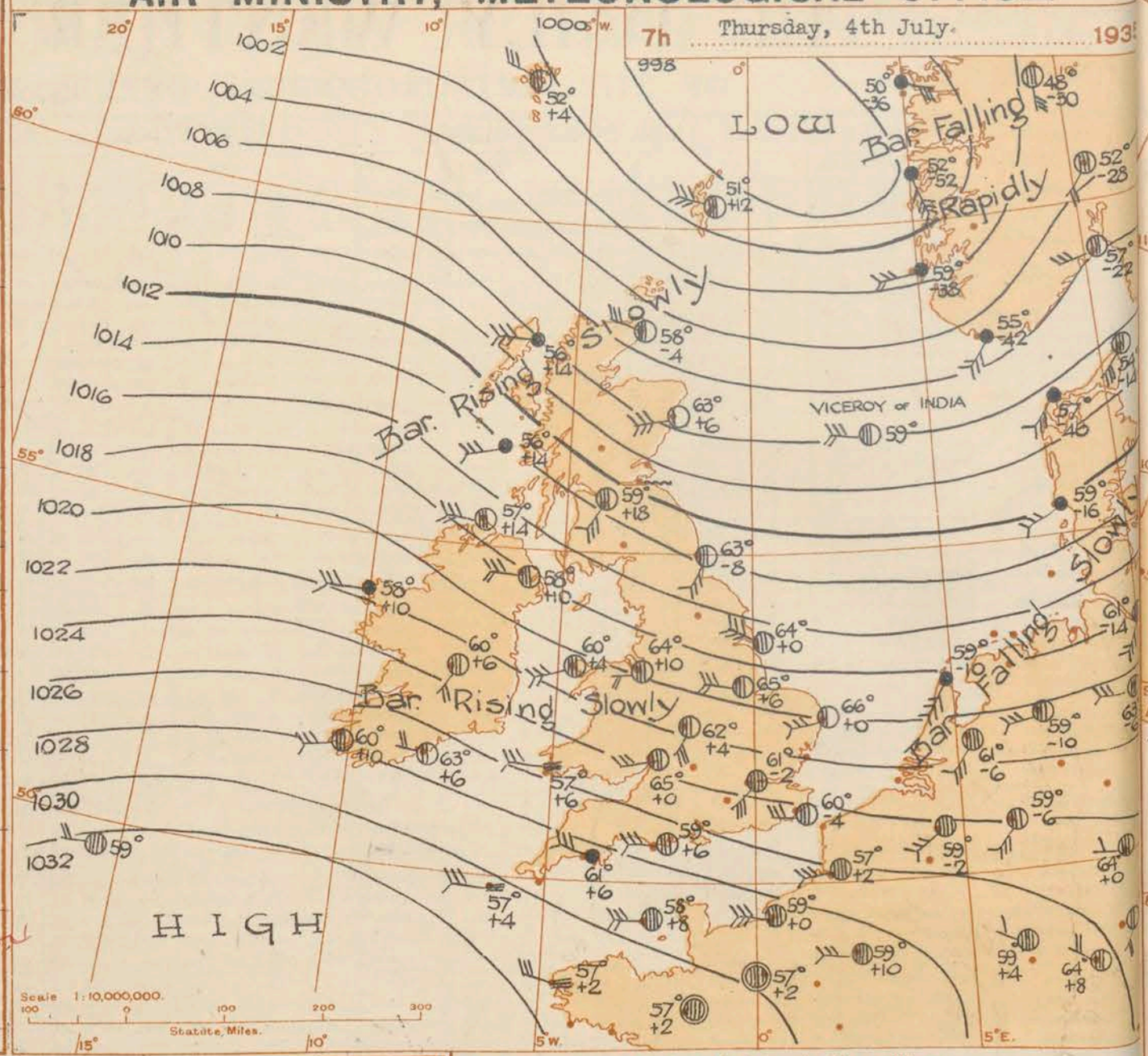
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 3rd July 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 2nd to 9h. 3rd	Temperature. Max. 9h.—17h. 3rd	Rainfall. Night. 17h. 2nd to 9h. 3rd	Rainfall. Day. 9h.—17h. 3rd	Sunshine. Sunrise to 17h. 3rd	Sunshine. Sunrise to Sunset. 2nd
1	Tunbridge W.	o	oc bc	57	70	—	—	2.2	6.6
	Bournemouth	o	bc	57	69	—	—	2.9	4.8
	Ventnor ...	o	oc b	60	72	—	—	3.8	5.6
	Southsea ...	o	b bc b	59	70	—	—	3.2	6.2
	Bognor Regis	oc	c bc bc	59	67	Trace	—	1.9	7.4
	Littlehampton	c	c bc	59	65	0.1	—	2.2	7.8
	Worthing ...	c	c bc	59	66	Trace	—	2.0	7.6
	Brighton ...	oc	cb	59	64	—	—	1.5	6.7
	Eastbourne† ...	co	oc b	57	64	0.2	—	1.8	9.6
	Hastings† ...	oco	oc bc b	57	65	0.3	—	1.7	8.3
	Folkestone ...	o	oc bc	57	65	Trace	—	1.6	4.6
	Dover ...	c	cb	58	65	—	—	2.4	8.5
	Deal	coco	c bc	57	69	—	—	1.9	8.1
	Ramsgate ...	c	c bc	57	68	—	—	1.1	6.8
	Margate ...	c bc	c bc	57	70	—	—	2.0	6.7
2	Southend ...	oco	oc bc	60	74	—	—	1.9	9.0
	Maldon ...	oc	cb	57	73	—	—	2.6	9.0
	Clacton-on-Sea	c	c bc	59	72	—	—	2.7	6.4
	Dovercourt ...	bcc	bc	57	72	—	—	4.5	7.3
	Lowestoft ...	bc	bc	57	77	—	—	6.1	3.1
	Skegness ...	bcaqx	o bc	57	75	Trace	0.3	4.7	2.4
	Mablethorpe...	c bc	bc	57	75	—	—	4.8	2.6
	Cleethorpes ...	c	bc	58	76	—	—	4.5	2.9
3	Leamington S.	c bc	bc	55	75	—	—	5.4	5.9
4	Cheltenham†	oc bc	bcq	56	73	—	—	5.4	4.9
5	Bath	c bc	bcb	58	70	—	—	5.1	1.5
	Weymouth ...	cb	b	57	67	—	—	5.6	2.2
	Jersey ...	c bc	c	57	63	—	—	0.0	0.2
	Torquay ...	bc	bc	57	69	0.2	—	3.4	1.8
	Penzance ...	c bc	bc bbc	57	66	—	—	4.9	3.0
	St. Ives ...	c	c	55	63	0.5	—	4.7	3.1
	Bude... ...	c bc	bcc	*57	64	—	—	4.7	1.2
	Ilfracombe ...	bcc	bc	59	63	—	—	5.1	0.0
6	Aberystwyth	c bc	bcc	57	62	—	—	5.5	0.9
7	Llandudno ...	c bc	bcc	58	65	—	—	5.5	6.1
	Colwyn Bay...	c bc bc	bc bc b	59	67	—	—	5.3	4.5
	Rhyl	bc	bc c bc	59	68	—	—	7.9	3.6
8	Wallasey ...	bcb	b bcc	59	65	—	—	7.7	6.0
	Southport‖ ...	bcb	bcco	59	65	0.2	—	8.3	2.9
	Blackpool ...	c bc	bcc	58	65	—	—	7.9	5.6
	Morecambe ...	bc	b bcc	58	64	0.2	—	9.3	6.0
9	Ilkley... ...	bc	bc	58	68	—	—	7.8	4.0
	Harrogate ...	bcb	bc	58	68	—	—	7.0	7.6
10	Berwick-on-T.	bc	bc x o	54	66	—	0.2	9.7	0.9
11	Dunbar ...	bc	c q o	52	67	—	0.3	5.3	6.6
12	Troon... ...	b bbc	co cy	56	60	Trace	0.3	6.5	1.9
	Douglas ...	cb	c bc	53	62	0.3	—	4.0	2.1

† 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. 4th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or light westerly wind; fair; warm and rather close.
5 S.W. England 6 South Wales ...	Moderate west or southwest wind; cloudy, bright intervals; occasional slight drizzle locally; local coastal fog; rather close.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Fresh or moderate west or southwest wind; cloudy, bright intervals; occasional slight local drizzle; rather close.
10 N.E. England 11 S.E. Scotland	Moderate west wind; mainly fair; warm and rather close.
12 S.W. Scotland & Isle of Man.	As 7 - 9.
13 A. W. Scotld. / B.N.W. Scotland.	Fresh west wind, probably backing; cloudy, local showers;
14 Mid Scotland	average temperature.
15 N. E. Scotland	Fresh or moderate west wind; mainly fair; rather warm.
16 Orkneys and Shetlands	Fresh west wind; cloudy, occasional rain; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 7 - 9.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is cated by circle outside weather symbol :— ◯ Temperature is given in degrees
Weather Symbols :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clo ◕ Sky 5/10 to 9/10 clouded ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ ≡ Fog. ≡ Mist. T Thunder. ⱿT Thunderstorm. ∞ Slight haze.
Sea Disturbance. ≈ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the tempera

GENERAL INFERENCE.

Pressure is high from the Azores to France and low north of the British Isles. A secondary depression off South Norway is moving east. Weather will be fair and close over most of England, but showers are probable in Scotland and local drizzle in Ireland and western districts of Wales and England.

FURTHER OUTLOOK.

Rather unsettled in the North, little change elsewhere.

Forecasts issued at 1000 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2.
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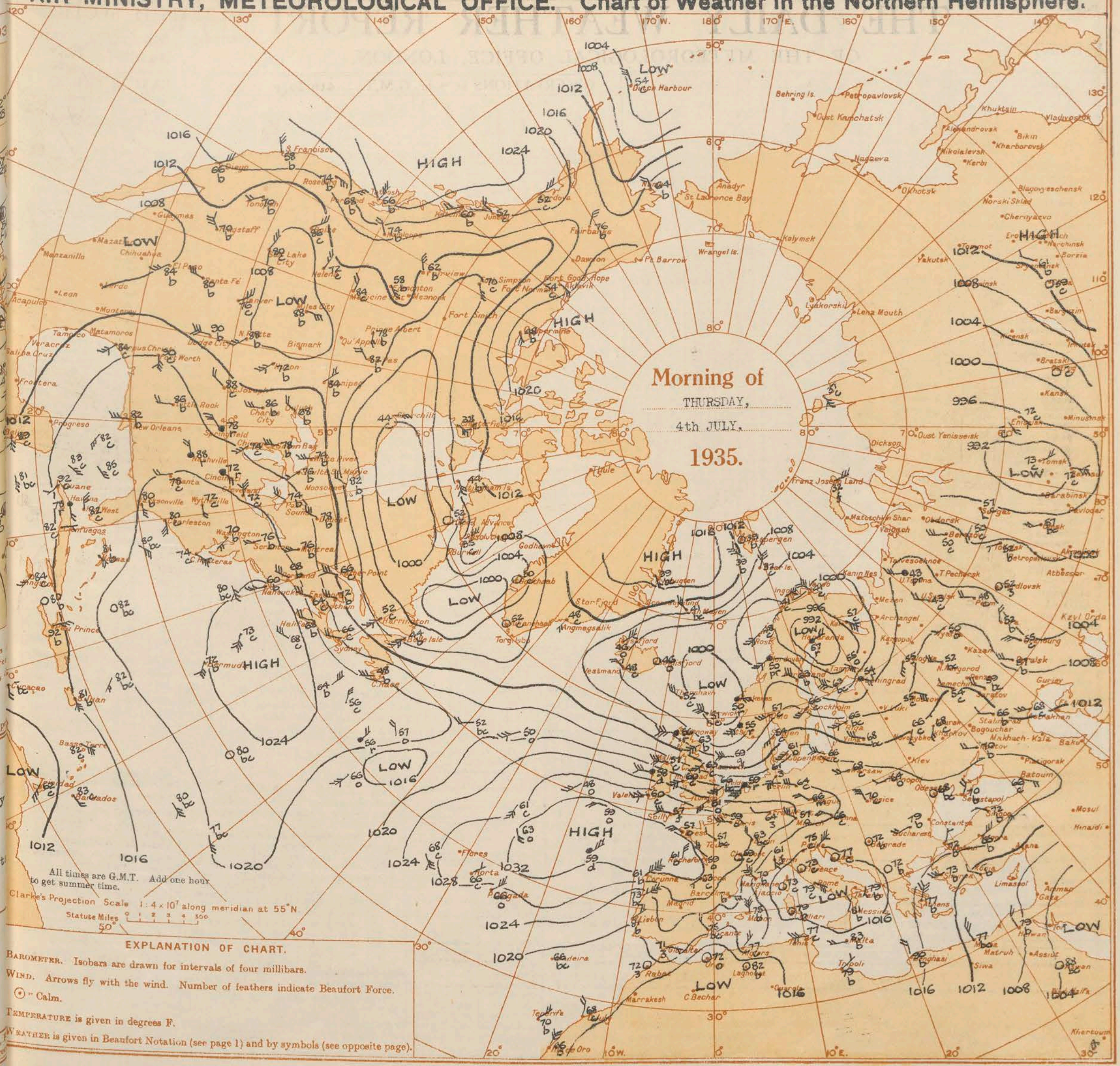
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.



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 4th July 1935.

No. 26887

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)	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	1024.7	-8	SW'S	3	C	59	75	8	5	3	-	7-8	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1025.2	-8	W	3	3o	56	95	6	5	3	-	2-3	2-3	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1022.1	-8	SSW	3	bc	61	85	7	5	1	-	2-3	4-6	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1026.2	-8	W	4	C	57	95	7	5	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1029.1	0	W'S	3	of	57	95	2	5	-	-	10	10	220
	Scilly (St. Mary's)	163	1029.6	0	W'N	4	F	57	95	1	5	-	-	10	10	< 150
	Guernsey ..	175	1029.5	+8	W	3	O	57	95	7	5	-	-	10	10	1500
6	Pembroke ...	142	1024.5	-4	W'S	4	O	58	95	7	5	-	-	10	10	2500
7	Holyhead ...	26	1020.7	0	WSW	4	bc	59	95	7	5	-	8	2-3	4-6	4000
	Chester(Scaland)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018.8	-4	W'S	5	C	62	75	8	5	2	-	7-8	9+	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1014.2	-20	SW	4	C	61	85	8	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1012.2	-18	SW	5	C	58	95	8	8	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1017.2	-8	WSW	5	C	60	95	8	-	7	-	O	10	—
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005.9	0	WSW	6	r$_o$	56	95	6	6	-	-	10	10	900
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1004.9	-18	SW	3	C	57	95	8	8	1	-	7-8	9	1500
16	Lerwick ...	156	1000.7	-56	S'W	4	r$_o$	51	95	5	6	-	-	10	10	220
17	Blacksod Point	18	1020.3	+4	W	5	id	58	95	7	6	-	-	10	10	800
18	Malin Head ...	52	1014.8	0	W	5	o/d	57	95	6	6	-	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1025.9	-6	SW	5	C	59	95	6	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1023.5	0	WSW	3	c	64	85	6	5	-	-	9+	9+	1500	1	*
1023.6	-2	SW	3	O	61	85	8	5	-	-	10	10	800	1	*
1024.0	0	WSW	3	c	62	85	7	5	-	-	9+	9+	800	0	*
1024.7	+2	W	4	c	62	85	7	5	-	-	9+	9+	800	0	*
1025.2	+2	SW	3	c	62	95	8	5	-	-	10	10	800	0	2
1024.2	-4	W	3	c	60	85	8	5	-	-	9+	9+	800	0	3
1022.8	0	SW	4	c	61	85	8	5	3	8	4-6	9	800	0	*
1023.0	0	WSW	4	c	64	95	7	5	-	-	10	10	800	0	*
1021.8	+2	SW'W	4	c	63	85	7	5	3	6	9	10	1500	0	2
1020.3	0	WSW	4	bc	66	75	7	8	6	-	4-6	4-6	2500	0	3
1020.7	+4	W'S	3	c	64	85	7	5	-	-	10	10	800	0	*
1019.8	+6	W	5	c	65	85	8	5	7	8	4-6	9+	1500	0	*
1022.0	+4	SW	3	c	62	85	7	5	-	-	9	9	2500	0	*
1023.0	+2	W'S	3	c	63	85	8	5	4	2	7-8	9	1500	1	*
1023.0	0	W'S	3	c	65	75	8	5	-	-	7-8	7-8	4000	0	*
1026.1	+6	W	4	c	59	95	7	4	-	-	10	10	2500	0	3
1027.3	+6	W'N	4	ir	61	95	7	6	-	-	9+	9+	800	0	1
1028.9	+6	W	5	of	57	95	3	5	-	-	10	10	800	1	2
1029.9	+4	W'N	4	if	57	95	3	-	-	-	10	10	450	1	3
1028.6	+8	W	5	o	58	95	6	5	-	-	10	10	800	1	3
1024.8	+6	W	4	oF	57	95	1	-	-	-	10	10	450	1	3
1020.8	+4	W'S	5	c	60	85	8	5	3	-	4-6	7-8	1500	1	2
1021.1	+10	W'S	2	c	64	75	8	5	-	-	9+	9+	1500	1	*
1020.2	+8	WNW	5	c	61	85	7	5	-	-	10	10	800	1	*
1017.4	0	W'N	6	c	64	85	7	5	2	-	7-8	9+	1500	0	5
1016.0	+10	W'N	4	c	64	85	8	6	-	6	2-3	7-8	1500	0	*
1013.8	-8	SW	4	c	63	85	8	8	1	-	4-6	9	2500	1	2
1012.4	+4	SW	6	c	58	75	8	8	4	1	4-6	7-8	2500	0	4
1010.4	+10	WSW	4	bc	61	65	9	1	-	1	2-3	2-3	2500	1	*
1015.2	+18	WSW	4	c	59	75	8	8	7	-	7-8	7-8	2500	0	*
1014.8	+10	W	6	c	56	85	8	8	-	-	9	9	2500	1	*
1018.6	+8	WNW	5	c	60	85	8	2	-	2	2-3	7-8	1500	0	3
1014.7	+14	W'S	4	id$_o$	56	95	7	5	-	-	9+	9+	1500	1	3
1008.0	+14	W	6	ir$_o$	56	85	7	9	-	-	9+	9+	1500	1	3
1012.1	+14	NW	6	c	53	75	8	4	6	1	4-6	10	2500	1	*
1007.7	+6	W'S	6	b	63	95	8	8	4	8	Tr	1	4000	1	2
1004.8	-4	WNW	3	c	58	85	8	8	1	-	7-8	9	1500	1	2
999.6	+12	W'N	6	c/r	51	95	8	8	2	-	7-8	9+	1500	1	*
1021.6	+10	W	4	id	58	95	7	6	-	-	10	10	800	1	3
1017.7	+14	W	5	c/p	57	85	7	8	-	-	9+	9+	1500	1	2
1019.7	+10	W	5	c	58	85	8	5	4	2	7-8	9	1500	0	*
1023.4	+6	SW	2	c/d	60	95	7	6	2	-	7-8	10	2500	1	*
1028.2	+10	W'S	4	c	60	95	7	5	-	-	9+	9+	800	1	2
1026.1	+6	WNW	2	bc	63	85	8	5	3	-	4-6	4-6	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 8th hrs. (36)
1	London (Kew)	73	60	56	Tr	—	5.6
	Croydon ...	71	58	55	Tr	—	3.7
	S. Farnborough	74	56	48	—	—	5.4
	Boscombe Down	70	56	53	—	—	4.9
	Calshot (Sthmtn.)	68	58	54	—	—	4.1
	Lympne ...	66	54	53	Tr	—	4.1
	Manston ...	69	56	53	Tr	—	3.5
2	Shoeburyness ...	72	59	54	—	—	4.4
	Felixstowe ...	72	58	56	—	—	5.5
	Gorleston ...	73	58	56	0.1	—	7.8
	Mildenhall ...	75	58	56	—	—	5.8
	Cranwell ...	76	59	56	—	—	7.2
3	Birmingham ...	74	58	56	—	—	8.5
	Upper Heyford	71	57	53	—	—	*
4	Ross-on-Wye	72	59	56	—	—	7.4
5	Portland Bill ...	61	57	*	—	—	*
	Plymouth ...	65	58	57	—	0.1	2.6
	The Lizard ...	64	55	*	—	0.1	*
	Scilly (St. Mary's)	64	56	*	—	0.2	5.0
	Guernsey ..	68	56	55	0.0	Tr.	4.4
6	Pembroke ...	61	56	*	—	Tr	5.1
7	Holyhead ...	63	56	55	—	0.4	5.9
	Chester(Scaland)	69	61	59	Tr	Tr	7.6
8	Manchester ...	69	58	57	—	3	8.3
10	Spurn Head ...	75	61	*	—	—	4.8
	Catterick ...	69	58	45	Tr	—	7.5
	Tynemouth ...	71	59	53	Tr	—	*
11	Inchkeith ...	61	55	55	1	0.4	6.3
	Leuchars ...	65	55	54	1	1	7.0
12	Renfrew (Abbots I.)	60	57	54	1	0.3	3.2
	Eskdalemuir ...	62	53	53	1	4	7.9
	Point of Ayre...	69	58	*	—	Tr.	6.2
13A	Tiree	59	53	53	6	0.4	3.8
13B	Stornoway ...	58	53	*	2	5	2.2
15	Dalwhinnie ...	59	51	48	1	3	2.6
	Aberdeen ...	65	53	52	1	3	9.5
	Wick ...	63	51	*	0.1	2	*
16	Lerwick ...	56	50	*	—	9	8.5
17	Blacksod Point	60	57	*	1	0.5	*
18	Malin Head ...	60	56	*	2	1	0.3
	Aldergrove ...	62	58	55	0.1	Tr	3.7
19	Birr Castle ...	62	59	58	2	0.2	0.0
20	Valentia Obsy. †	61	58	58	0.4	0.1	0.0
	Roches Point	65	56	*	Tr	Tr.	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (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	cd$_o$c	cbc	bcb-c	73	60	56	Tr	—	5.6	*	*	8
Croydon	217	cir$_o$c	cbc	bccc	71	58	55	Tr	—	3.7	*	*	8
Greenwich (Royal Observatory)...	149	c	c	cbc	77	58	52	—	—	3.1	60	75	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	3.3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	*	*	*	*	*	*	*	*	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	74	62	56	—	—	4.2	67	76	*
Camden Square	110	c	c	*	73	59	57	—	—	4.7	69	79	*
Kensington	80	bc	bc	*	74	59	56	—	—	*	*	64	*
Hampstead Observatory	450	bc	bc	bc	73	59	55	—	—	4.5	At 18h.	57	*
					71	55	50	—	—	5.7	*	86	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory. Max.	Time.	Min.	Time.
0.2	20h 3rd	<0.1	00-04h 4th.

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1027.0	WNW	4	c	68
Brussels	1025.2	W	2	o/p	64
Berlin	1018.7	NW	1	cu	73
Zürich	1022.8	N	1	ir$_o$	66
Rome					

7h. G.M.T.. 4th July

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1028.6	W	4	O	59
1024.2	SW	4	O	59
1020.1	W'N	3	c	64
1015.4	SE	3	C	79

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
72	*	Tr.	*
68	54	—	—
79	59	—	16
*	*	0.5	
.	63	.	—

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 5th July 1935.

No. 26888

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1024·6	0	WSW	3	c	72	65	8	7	–	–	9+	9+	2500
	Croydon ...	1023·5	-2	SW'W	4	c	71	75	8	7	3	–	9	9+	2500
	S. Farnborough	1023·8	+2	W	4	c	74	65	7	5	–	–	9	9	2500
	Boscombe Down	1025·3	+2	W'N	4	c	69	75	7	5	–	–	9	9	1500
	Calshot (Sthmtn.)	1023·5	+4	SW'W	4	c	69	85	7	8	3	–	7·8	9	1500
	Lympne ...	1023·4	-6	W'N	3	c	73	65	8	7	–	–	7·8	7·8	2500
	Manston ...	1022·4	-6	W	4	bc	75	65	8	7	–	1	4·6	7·8	1500
2	Shoeburyness ...	1022·4	-8	W	3	c	77	75	7	7	–	1	7·8	7·8	2500
	Felixstowe ...	1021·0	-6	WSW	4	c	76	55	8	8	–	1	7·8	7·8	2500
	Gorleston ...	1021·0	+4	W	5	bc	73	65	7	7	5	–	4·6	4·6	2500
	Mildenhall ...	1020·9	+2	WNW	4	bc	76	55	8	5	1	4	2·3	4·6	4000
	Cranwell ...	1021·1	+10	W'N	5	bc	74	45	8	1	3	9	2·3	4·6	2500
3	Birmingham ...	1023·2	+6	W	4	bc	68	65	8	5	–	–	7·8	7·8	2500
	Upper Heyford	1023·5	+6	WNW	4	q	72	65	8	1	–	–	7·8	7·8	2500
4	Ross-on-Wye	1024·1	+4	WNW	4	c	69	75	8	8	–	–	9	9	4000
5	Portland Bill ...	1026·9	+6	W	5	c	60	95	7	4	–	–	7·8	7·8	2500
	Plymouth ...	1028·3	+2	W'N	4	bc	70	75	8	1	–	–	2·3	2·3	1500
	The Lizard ...	1029·9	+4	W'N	4	c	61	95	7	4	1	–	9	10	1500
	Scilly (St. Mary's)	1030·5	+4	W'N	5	bc	64	85	7	1	4	–	Tr	1	1500
	Guernsey ...	1028·8	-4	W	6	o	63	85	7	5	–	–	10	10	2500
6	Pembroke ...	1026·4	+4	W	4	3o	60	95	7	8	–	–	9	9	4000
7	Holyhead ...	1023·0	+10	WSW	4	c	65	85	8	5	–	–	7·8	7·8	2500
	Chester (Sealand)	1023·2	+8	W	4	c	66	75	8	5	–	–	9+	9+	2500
8	Manchester ...	1022·1	+10	WNW	5	c	67	75	8	2	–	–	9	9	2500
10	Spurn Head ...	1017·3	+2	W'N	7	q	70	55	7	–	2	–	0	7·8	–
	Catterick ...	1016·9	+10	WNW	5	bc	60	65	8	1	4	6	2·3	4·6	4000
	Tynemouth ...	1016·1	+10	W	5	c	65	65	7	2	4	–	4·6	7·8	2500
11	Inchkeith ...	1014·8	+10	SW	6	c	59	65	8	8	–	1	7·8	9	2500
	Leuchars ...	1012·7	+8	W	6	bc	67	55	8	8	3	1	4·6	7·8	2500
12	Renfrew (Abbotsl.)	1016·4	+6	SW'W	5	c/pr	58	85	8	8	–	–	10	10	1500
	Eskdalemuir ...	1017·2	+6	W	5	pr	60	75	8	5	7	–	7·8	9+	1500
	Point of Ayre ...	1020·2	+4	NW	5	c	72	55	8	4	9	–	2·3	7·8	2500
13A	Tiree	1014·8	0	W'S	4	id	66	95	7	5	–	–	9+	9+	1500
13B	Stornoway ...	1010·7	+4	WSW	5	c/pr	57	85	7	5	7	–	7·8	9+	1500
15	Dalwhinnie ...	1013·9	+8	NW	6	ir	56	85	8	4	6	–	4·6	10	2500
	Aberdeen ...	1010·7	+8	W'N	6	c	67	45	9	1	7	2	2·8	9+	4000
	Wick ...	1007·2	+6	WSW	6	c	60	75	8	8	1	–	7·8	9	1500
16	Lerwick ...	1003·6	+12	WNW	6	c/pr	63	85	8	3	7	–	4·6	7·8	1500
17	Blacksod Point	1022·8	+2	WSW	5	o	60	95	7	5	–	–	10	10	800
18	Malin Head ...	1018·2	0	W	5	dd	58	95	6	6	–	–	10	10	450
	Aldergrove ...	1020·2	+4	WSW	5	id	61	85	7	5	–	–	10	10	800
19	Birr Castle ...	1024·8	+6	WSW	3	c	66	85	8	6	–	–	9+	9+	2500
20	Valentia Obsy. †	1029·9	+4	SW'W	5	c	63	95	7	5	–	–	9+	9+	800
	Roches Point	1027·6	+8	NW	3	bc	70	75	9	8	–	–	4·6	4·6	2500

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

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)
1023·9	0	W'S	3	bc	74	65	8	7	–	–	4·6	4·6	4000	1	*
1023·5	0	WSW	4	pc	73	65	8	1	–	–	2·3	2·3	4000	0	*
1024·2	+2	W	3	bc	72	75	7	7	–	–	4·6	4·6	2500	0	*
1025·4	-4	W'N	5	bc	69	75	7	7	–	–	2·3	2·3	2500	0	*
1025·2	-4	W'N	5	bc	72	75	8	7	4	–	2·3	2·3	1500	0	3
1023·2	0	W	3	c	74	65	8	8	–	–	7·8	7·8	4000	0	§2
1022·0	-2	W	5	bc	75	65	8	2	6	1	2·3	4·6	1500	0	*
1022·4	+4	NW	4	bc	75	75	8	1	–	–	4·6	4·6	2500	0	*
1021·5	+6	W	5	bc	75	55	8	1	–	–	2·3	2·3	2500	0	3
1020·2	-4	WSW	5	bc	79	45	7	7	4	–	2·3	4·6	2500	0	3
1020·7	+2	W'N	5	bc	75	55	8	1	3	–	1	2·3	4000	0	*
1020·6	-2	W	4	bc	70	65	8	5	3	–	4·6	7·8	1500	0	*
1023·3	-2	W	3	c	68	75	8	5	–	–	7·8	7·8	2500	0	*
1023·6	-2	W	4	q	72	65	9	7	–	–	7·8	7·8	2500	0	*
1023·9	0	W	3	bc	73	65	8	7	–	–	2·3	2·3	4000	0	*
1026·9	0	W	4	c	63	95	7	4	–	–	7·8	7·8	2500	0	3
1028·6	+2	W'N	5	bc	68	75	8	4	–	–	2·3	2·3	1500	0	1
1029·6	-2	W'N	5	bc	61	95	8	7	–	–	2·3	2·3	1500	0	2
1030·6	-4	WNW	4	b	62	85	7	–	4	–	0	Tr	–	0	3
1028·7	0	W	4	bc	63	95	7	1	–	–	2·3	2·3	450	0	3
1025·6	-4	W	5	3o	60	85	7	5	–	–	2·3	2·3	2500	0	2
1022·2	-6	W'S	5	bc	67	75	9	4	4	–	1	2·3	4000	1	3
1021·6	-10	W'S	5	bc	72	65	8	8	3	3	4·6	4·6	2500	0	*
1020·8	-14	W	5	c	67	75	8	5	2	–	9	9+	1500	1	*
1018·1	0	WNW	7	q	67	75	7	8	7	–	4·6	9+	1500	0	6
1017·9	-4	W'N	3	c	64	85	9	5	–	–	9+	9+	2500	0	*
1016·6	-2	W	4	c	65	75	8	7	1	–	4·6	7·8	4000	0	2
1014·8	0	SW	5	jp	57	85	8	8	–	–	10	10	1500	0	3
1013·7	+8	SW	5	c	61	75	8	7	3	1	4·6	7·8	2500	0	*
1016·3	+2	WSW	4	ir	57	85	7	5	–	–	10	10	1500	0	*
1016·6	-8	W	4	c/r	57	85	6	5	–	–	10	10	1500	1	*
1019·7	-6	WNW	5	o	63	85	8	5	–	–	10	10	1500	0	3
1016·0	+2	W'S	4	dd	56	95	7	6	2	–	4·6	9+	1500	1	3
1011·5	+6	W	5	c	55	85	7	5	7	–	7·8	9+	1500	1	2
1013·6	0	NW	4	c	54	85	7	4	6	–	4·6	10	2500	0	*
1011·1	+2	W	4	c	64	55	8	8	7	–	4·6	9	4000	0	1
1008·9	+10	W	5	c	59	75	8	8	7	–	4·6	7·8	1500	1	3
1005·1	+8	WNW	5	c	52	85	8	8	7	–	4·6	7·8	1500	1	*
1023·2	+2	W	5	o	59	95	7	5	–	–	10	10	800	1	4
1018·2	+4	W'S	5	id	58	95	6	6	–	–	10	10	450	1	2
1020·2	+2	WSW	5	id	61	85	7	5	–	–	10	10	800	1	*
1025·3	0	WSW	3	c	64	85	8	5	2	–	7·8	10	2500	1	*
1030·2	+2	WSW	4	id	59	95	6	5	–	–	10	10	450	1	2
1028·0	+4	WNW	2	c	66	85	9	8	–	–	7·8	7·8	1500	0	2

PAST 24 HOURS.

Weather. 7h.–18h. 4th. (37)	Weather. 18h.–18h. 4th. (38)	Weather. 18h. 4th. to 1h. 5th. (39)	Weather. 1h.–7h. 5th. (40)
cm·c	c	bcm·	bcc.
ocbc	cbc	bccbw	bwbbc
c	cbcc	bcb	bwc
c	cbcb	bbcc	coc
c	cbc	bc	bcc
c	cbc	bccb	bwc
cbc	bc,	bcb	b
c	cbc	bcb	bcb
cbc	bcy	bcyb	bbc
cbcq	bcqy	bcqy	bbcq
cbc	c	bcb	bbc
cbcy	bcy	bc	bc
c	cbc	bcc	c
ebcq	bcq/c	cqbc	bcc.
bcc	bc	bccbc	bcc
c	cc	bcc	c
cbc	cbcb	bcc	cm·
fmc	cbc	bcmd	ffd
ifcbc	bbcb	coffe	FFe
co·o	ocbc	co	offd.
bccqm	cbcm·	bccqw	FeFeqmp
cbcd	vbc	bcd·	cb.
cid·	cbc	bcc	c
pr·c	c.	c	c
cq/	bccq	cq/	ebcq
cbc	bcc	cvbc	bcc
cq/	cq/	co	oc i r·
cq/	cq/	codd	dde
ccyq	cq/bc	bcc	cpr·bc
cpr·c	cir·	cir·d·d·	dd r d d
cpr·c	rrir·	cir·	cr·r·
c	co	oc·	co.
cid·	cid	cir	cirR
cir·pr·	cpr·q	cpr·	cpr·
irc	c	*	irc
bycy	cyq/	cyc	q/pr·v
c	c	c	cpr·
cpr	cpr	crr	cpr
id	o	o .	iD
od·d	oid·	odd	odd
cbccod·	oid·o	oid·o	od·d·d·
cid	c	c	cpr·
cid·c	coid·	i r·	ir·c
bc	bcc	cbc	bcp·e

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 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ See disturbance reported from Dungaess.

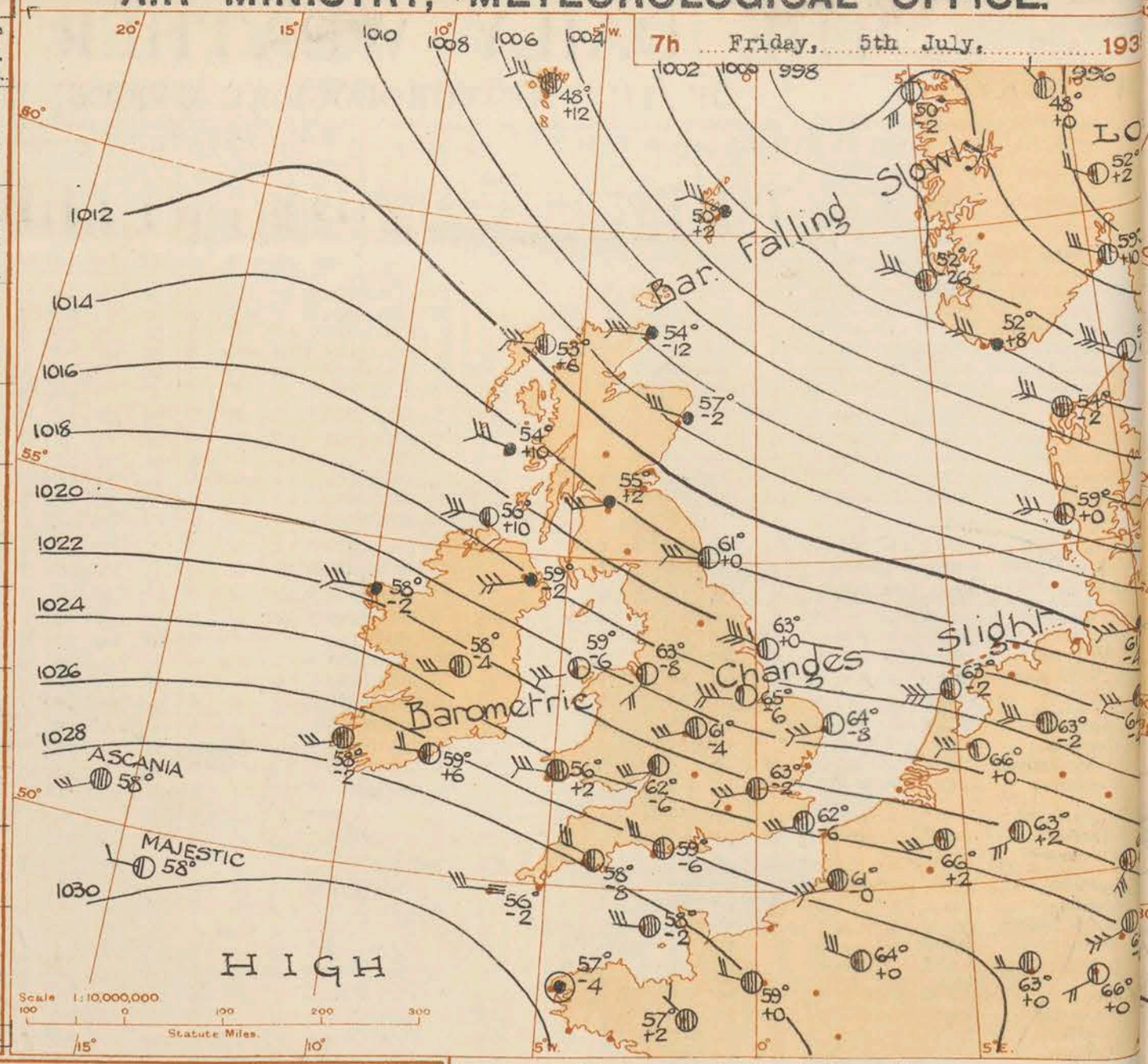
REPORTS from HEALTH RESORTS for 4th July, 1935.

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.	ocbc	bbc	56	76	-	-	7·1	3·7
	Bournemouth	occ	ccc	58	75	-	-	3·2	4·4
	Ventnor ...	omb	b	58	71	-	-	7·1	5·8
	Southsea ...	oc	cbcbb	59	75	-	-	3·8	5·3
	Bognor Regis	cbcbc	bcbc	59	74	-	-	3·2	3·3
	Littlehampton	c	c	58	71	-	-	1·7	4·2
	Worthing ...	cbcb	bcbbc	58	72	-	-	5·6	3·6
	Brighton ...	ocb	b	59	70	-	-	3·7	3·2
	Eastbourne† ...	cb	b	57	73	-	-	7·1	3·7
	Hastings† ...	ocbc	bbbc	56	75	Trace	-	6·1	3·6
	Folkestone ...	c	cbc	56	76	-	-	6·8	3·8
	Dover ...	cbc	bc	58	77	-	-	6·7	4·2
	Deal	ccbc	obcc	58	79	-	-	4·4	3·7
	Ramsgate ...	bc	bcb	58	78	-	-	8·2	2·5
	Margate ...	bc	bcb	57	76	-	-	6·5	3·5
2	Southend ...	cbc	bbc	59	78	-	-	6·3	3·3
	Maldon ...	ocbcb	b	58	78	-	-	6·0	4·1
	Clacton-on-Sea	cb	cbcy	58	78	-	-	5·3	4·3
	Dovercourt ...	bcc	bcy	57	78	-	-	6·4	6·0
	Lowestoft ...	b	b	57	81	-	-	9·6	7·6
	Skegness ...	obcb	bbc	57	75	-	-	7·2	5·3
	Mablethorpe...	cbc	bcc	56	75	-	-	7·3	5·9
	Cleethorpes ...	bc	bcc	60	75	-	-	7·0	4·6
3	Leamington S.	bcc	bc	60	73	-	-	5·4	7·0
4	Cheltenham†	bcc	cbc	58	74	-	-	2·8	7·0
5	Bath	cbc	cbcb	60	70	Trace	-	2·7	7·1
	Weymouth ...	c	ccbc	58	74	-	-	2·3	6·7
	Jersey ...	c	c	56	62	-	-	0·0	0·5
	Torquay ...	bq	bq	59	76	-	-	10·5	4·7
	Penzance ...	cbb	b	57	69	·0·2	-	7·8	5·1
	St. Ives ...	b	b	57	60	-	-	8·5	5·1
	Bude... ...	c	cbcc	57	64	-	-	0·6	4·7
	Ilfracombe ...	bccmo	cbbco	59	68	-	-	0·0	5·2
6	Aberystwyth	p.c	cbc	58	62	1	-	0·7	5·5
7	Llandudno ...	c	cbcb	59	68	-	-	2·1	5·6
	Colwyn Bay...	obcc	cbcbc	60	71	-	-	2·4	5·3
	Rhyl	cbcc	cbc	60	72	-	-	4·2	8·3
8	Wallasey ...	bc	bcc	60	68	Trace	-	4·1	7·7
	Southport‖ ...	cbc	bcco	60	67	1	-	3·8	8·3
	Blackpool ...	c	c	59	65	0·2	-	5·4	7·9
	Morecambe ...	bcbc	cbccc	58	65	1	-	4·0	9·3
9	Ilkley... ...	cbcbc	bccgr	58	68	4	0·4	4·5	8·3
	Harrogate ...	bcb	bccd	59	68	0·3	0·3	5·6	8·1
10	Berwick-on-T.	bcc	cac	54	65	1	-	5·9	9·7
11	Dunbar ...	bcr	bc	56	65	0·3	-	8·0	9·3
12	Troon... ...	cbcbc	ccgcc	57	60	1	-	3·2	6·5
	Douglas ...	cbq	ccbq	55	67	Trace	-	5·7	4·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 5th July, 193



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or light westerly wind; fair; warm, rather close.
5 S.W. England 6 South Wales ...	Moderate or light westerly wind; cloudy, bright intervals; local coastal fog and perhaps occasional slight drizzle locally; rather close.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate westerly wind; cloudy, bright intervals, occasional slight local drizzle; rather close, rather warm inland.
10 N.E. England 11 S.E. Scotland	Moderate westerly wind; mainly fair, but perhaps occasional local drizzle; warm, rather close.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland.	Fresh or moderate westerly wind; mainly cloudy; occasional rain, mainly slight; average temperature or rather warm.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Fresh or moderate westerly wind; cloudy, bright intervals; showers; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Moderate west or southwest wind; cloudy, occasional local drizzle; rather close, rather warm inland.

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
Weather Symbols :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 cl
◑ Sky 1/10 to 1/10 clouded ◕ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet
≡ 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 tempera

GENERAL INFERENCE.

An anticyclone is centred over the Bay of Biscay while pressure is low in the Baltic Area. Weather will continue fair over most of England. Occasional rain is probable in Scotland and local drizzle in Ireland.

FURTHER OUTLOOK.

Mainly fair in the South, rather unsettled in the North.

Forecasts issued at 1000 G.M.T.

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

H.M.Stationery Office Press, Kingsway, W.C.2. G.212/2394. Wt. 8081. D.6001. Gp. 308. 2/35. T.&S.

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

Morning of

FRIDAY

5TH JULY

1935.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

All times are G.M.T. Add one hour for local summer time.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 5th July 1935.

No. 26888

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)	Cloud. Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1024.2	-6	SW	3	b	62	85	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024.4	0.	W'N	3	b	62	85	7	–	–	–	0	0	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020.0	-4	WSW	4	b	65	85	7	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1026.8	-6	WNW	4	c	59	95	8	5	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1029.9	0	W'N	4	cd$_o$	56	95	4	5	–	–	10	10	800
	Scilly (St.Mary's)	163	1030.9	-4	WNW	4	of-	56	95	3	5	–	–	10	10	<150
	Guernsey ..	175	1028.6	+2	NW	6	0	58	95	7	5	–	–	10	10	1500
6	Pembroke ...	142	1026.0	0	W	3	q	57	95	7	5	–	–	9+	9+	4000
7	Holyhead ...	26	1025.2	0	SW	3	cd$_o$	59	95	8	5	–	–	9+	9+	1500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1017.1	-2	WNW	7	q	65	85	7	5	2	–	4-6	7-8	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1015.3	-12	W	2	0	61	85	7	6	–	–	10	10	1500
11	Inchkeith ...	190	1013.9	-6	SW	2	dd	53	95	7	6	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1019.1	-4	WNW	5	c	60	95	8	5	–	–	7-8	7-8	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1010.7	-6	W	5	c/pr	52	95	6	8	7	–	4-6	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1007.9	-8	W	3	c	52	95	8	8	1	–	7-8	9	1500
16	Lerwick ...	156	1003.0	-8	NW	3	r$_o$r$_o$	48	95	7	6	2	–	9	10	450
17	Blacksod Point	18	1021.8	-8	W	5	cD	58	95	7	6	–	–	10	10	800
18	Malin Head ...	52	1016.4	-6	W'S	5	dd	57	95	6	6	–	–	10	10	450
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1027.8	-10	W	3	d	57	95	4	5	–	–	10	10	<150
	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)	Cloud. Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1023.4	-2	W	3	c	64	75	7	5	–	–	9+	9+	1500	1	*
	Croydon ...	1023.5	-2	SW	4	c	63	85	8	5	–	–	9	9	1500	0	*
	S. Farnborough	1023.9	-2	W	4	c	63	85	7	5	–	–	9+	9+	1500	0	*
	Boscombe Down	1024.7	-2	W'N	5	c	60	85	7	5	–	–	9+	9+	800	1	*
	Calshot (Sthmtn.)	1025.2	-1	W	4	c	63	95	8	5	–	–	9	9	1500	0	2
	Lympne ...	1023.9	-6	W'S	3	c	61	85	7	5	–	–	9	9	600	0	3
	Manston ...	1022.5	-4	WNW	4	bc	64	85	7	5	–	1	2-3	2-3	800	0	*
2	Shoeburyness ...	1022.4	0	W	4	bc	66	85	7	1	–	–	2-3	2-3	2500	0	*
	Felixstowe ...	1021.3	0	W	4	bc	66	75	8	7	–	–	4-6	4-6	1500	0	2
	Gorleston ...	1019.2	-8	WSW	4	bc	64	75	6	7	4	–	2-3	2-3	4000	0	2
	Mildenhall ...	1020.3	-2	W'N	5	c	66	75	8	5	3	–	7-8	7-8	2500	0	*
	Cranwell ...	1019.5	-6	W	5	bc	63	75	8	1	3	–	2-3	4-6	1500	0	*
3	Birmingham ...	1022.4	-4	WSW	3	c	61	75	8	5	–	–	9+	9+	2500	0	*
	Upper Heyford	1023.2	-4	WSW	3	c	62	85	8	5	–	–	9+	9+	2500	0	*
4	Ross-on-Wye	1023.1	-6	WSW	3	c	62	85	8	5	–	–	9	9	4000	0	*
5	Portland Bill ...	1025.7	-6	WNW	3	c	59	95	7	4	–	–	7-8	7-8	2500	0	3
	Plymouth ...	1027.4	-8	NW	3	c	58	95	6	5	–	–	9+	9+	450	0	1
	The Lizard ...	1028.4	-2	W	4	of	55	95	2	5	–	–	10	10	450	1	2
	Scilly (St.Mary's)	1029.0	-2	W'S	3	of-	56	95	2	5	–	–	10	10	<150	1	2
	Guernsey ..	1028.2	-4	W	3	om	58	95	4	5	–	–	10	10	220	1	3
6	Pembroke ...	1025.0	+2	W	4	bc	56	95	6	5	–	–	10	10	1500	1	3
7	Holyhead ...	1020.6	-6	SW	4	bc	59	85	8	7	4	–	1	2-3	4000	1	2
	Chester(Sealand)	1020.4	-8	SW	2	bc	63	75	9	5	3	–	4-6	4-6	2500	0	*
8	Manchester ...	1019.8	-6	WNW	5	c	61	75	7	5	–	–	9+	9+	1500	0	*
10	Spurn Head ...	1016.5	0	WNW	7	bcq	63	75	8	7	2	–	2-3	4-6	2500	0	6
	Catterick ...	1015.5	-6	SE	5	c	62	85	8	5	8	–	7-8	7-8	1500	0	*
	Tynemouth ...	1013.8	0	W	4	c/r	61	95	7	9	–	–	7-8	7-8	1500	1	1
11	Inchkeith ...	1012.2	-4	W	4	c	55	95	8	5	7	–	4-6	9+	2500	0	3
	Leuchars ...	1011.2	-4	WSW	4	c	57	85	9	5	7	1	1	7-8	1500	0	*
12	Renfrew (Abbots I.)	1014.3	+2	WSW	3	d$_o$d$_o$	55	95	6	5	–	–	9+	9+	800	1	*
	Eskdalemuir ...	1014.1	0	W'S	5	r$_o$r$_o$	57	95	6	6	2	–	7-8	10	1500	1	*
	Point of Ayre...	1017.4	-6	W	5	0	59	85	8	5	–	–	10	10	800	0	3
13A	Tiree	1014.6	+10	WNW	4	ir	54	95	7	6	2	–	4-6	9	1500	1	3
13B	Stornoway ...	1011.0	+6	W	4	c/pr	53	95	7	8	6	–	4-6	9+	1500	1	2
15	Dalwhinnie ...	1012.2	0	NW	4	c	53	75	7	4	2	–	4-6	9	2500	0	*
	Aberdeen ...	1009.8	-2	W'N	3	pr$_o$	57	65	8	8	–	–	9+	9+	1500	0	1
	Wick ...	1006.8	-12	W	4	pr$_o$	54	85	7	8	1	–	7-8	7-8	1500	1	2
16	Lerwick ...	1002.8	+2	WNW	4	pr$_o$	50	85	8	8	7	8	7-8	9+	800	1	*
17	Blacksod Point	1021.3	-2	W	4	id	58	85	7	6	–	–	10	10	800	1	4
18	Malin Head ...	1016.6	+10	W'N	5	c	56	95	7	9	–	–	9+	9+	800	1	2
	Aldergrove ...	1017.9	-2	WSW	5	id$_o$	59	95	6	5	–	–	10	10	800	1	*
19	Birr Castle ...	1023.3	-4	WSW	3	c/pr	58	95	8	8	–	–	9+	9+	2500	1	*
20	Valentia Obsy. †	1027.2	-2	WSW	3	c	58	95	8	5	–	–	10	10	450	1	3
	Roches Point	1026.5	+6	WNW	2	c	59	85	9	7	–	–	7-8	7-8	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)	75	61	57	–	–	5.3
	Croydon ...	75	60	58	–	Tr	6.6
	S. Farnborough	77	58	46	–	Tr	4.8
	Boscombe Down	71	59	52	–	–	8.2
	Calshot (Sthmtn.)	74	59	52	–	–	5.2
	Lympne ...	75	57	56	–	–	6.6
	Manston ...	78	60	57	–	–	9.7
2	Shoeburyness ...	81	62	58	–	–	8.0
	Felixstowe ...	78	63	62	–	–	8.7
	Gorleston ...	80	62	53	–	–	10.7
	Mildenhall ...	79	61	59	–	–	8.7
	Cranwell ...	75	61	59	–	–	8.6
3	Birmingham ...	71	59	57	–	–	3.8
	Upper Heyford	74	59	55	–	–	*
4	Ross-on-Wye	74	60	56	–	–	8.1
5	Portland Bill ...	63	58	*	–	–	*
	Plymouth ...	71	57	57	–	–	11.1
	The Lizard ...	63	54	*	–	Tr	*
	Scilly (St.Mary's)	66	55	*	–	0.3	9.3
	Guernsey ..	63	57	56	–	0.3	3.4
6	Pembroke ...	62	50	*	–	0.1	8.5
7	Holyhead ...	67	57	54	–	Tr	9.7
	Chester(Sealand)	74	52	57	Tr	–	2.9
8	Manchester ...	68	59	57	Tr	–	4.3
10	Spurn Head ...	72	61	*	–	–	7.4
	Catterick ...	71	60	58	–	–	6.7
	Tynemouth ...	67	60	57	–	0.1	*
11	Inchkeith ...	61	53	51	–	1	5.8
	Leuchars ...	68	54	53	–	0.2	10.2
12	Renfrew (Abbots I.)	61	53	53	Tr	1	0.7
	Eskdalemuir ...	62	55	54	1	4	3.5
	Point of Ayre...	72	58	*	–	–	8.1
13A	Tiree	58	52	51	0.1	6	0.0
13B	Stornoway ...	60	51	*	Tr	–	0.9
15	Dalwhinnie ...	59	50	47	Tr	0.1	2.7
	Aberdeen ...	69	56	54	–	Tr	6.1
	Wick ...	63	50	*	–	0.4	*
16	Lerwick ...	55	48	*	3	3	6.0
17	Blacksod Point	61	57	*	Tr	1	*
18	Malin Head ...	59	55	*	1	8	0.0
	Aldergrove ...	66	58	57	Tr	0.3	2.3
19	Birr Castle ...	68	56	55	0.2	1.6	1.5
20	Valentia Obsy. †	64	57	57	Tr	0.6	0.0
	Roches Point	73	57	*	–	Tr	*

LONDON OBSERVATIONS

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

STATIONS.	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
KEW	18	cm$_o$c	c	bcmbcc	75	61	57	–	–	5.5	•	•	8
CROYDON	217	ocbc	cbc	bccbwbc	75	60	58	–	Tr	6.6	•	•	8
GREENWICH (Royal Observatory)...	149	c	cbc	bcbwc	78	60	54	–	Tr	7.4	60	70	7
CITY (Bunhill Row)	—	•	•	•	•	•	•	•	•	7.4	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•	77	64	57	–	–	7.2	64	75	•
REGENTS PK. (Botanic Gardens)‡...	168	•	•	•	76	60	58	–	–	7.1	61	77	•
CAMDEN SQUARE	110	c.	c	•	77	61	58	–	–	•	At 18h.	71	•
KENSINGTON	80	bc	bc	•	77	61	61	–	–	7.6	•	61	•
HAMPSTEAD OBSERVATORY	450	bc	bc	c	75	57	49	–	–	6.6	•	52	•

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

SOUTH KENSINGTON.

Max.	Time.	Min.	Time.
<0·1	whole	period.	

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·2	01 hrs. 5st.	<0·1	03 hrs. 5st.

FOREIGN OBSERVATIONS.

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

STATIONS.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1026.7	WNW	4	0	68
BRUSSELS					
BERLIN	1014.4	W	5	id	64
ZÜRICH	1023.8	SW	3	bc	70
ROME	1014.2	–	0	bc	84

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

STATIONS.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1026.7	WNW	3	c	64
BRUSSELS	1022.4	WSW	3	c	66
BERLIN	1012.4	W	4	id$_o$	61
ZÜRICH	1025.0	WNW	2	oc	63
ROME	1015.1	NE	3	bc	77

Past 24 Hours.

STATIONS.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
PARIS	68	63	–	–
BRUSSELS	·	59	·	·
BERLIN	75	59	Tr	Tr.
ZÜRICH	•	•	0·3	–
ROME	?	46	–	–

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 6th July 1935.

No. 26889

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1021·7	-10	WSW	3	c	70	65	8	7	-	-	9	9	2500
	Croydon ...	1021·7	-12	SW'W	5	bc	70	65	8	7	3	-	4·6	4·6	4000
	S. Farnborough	1022·1	-14	W'S	5	bc	74	65	8	6	-	-	4·6	4·6	2500
	Boscombe Down	1023·3	-16	WNW	4	c	67	65	8	5	3	-	7·8	7·8	1500
	Calshot (Sthmtn.)	1023·2	-16	SW'W	4	bc	72	75	8	7	4	-	4·6	4·6	2500
	Lympne ...	1022·1	-10	W'S	4	bc	74	65	8	7	-	1	2·3	2·3	2500
	Manston ...	1020·0	-20	W	5	bc	75	55	7	7	-	9	2·3	4·6	2500
2	Shoeburyness ...	1020·3	-16	W'S	4	c	74	75	8	7	-	-	7·8	7·8	2500
	Felixstowe ...	1019·3	-12	WSW	4	c	75	55	8	7	-	2	4·6	7·8	2500
	Gorleston ...	1019·3	-16	WSW	5	c	74	55	7	7	-	5	4·6	7·8	4000
	Mildenhall ...	1018·8	-8	W	4	c	74	55	8	7	3	-	7·8	9+	2500
	Cranwell ...	1019·0	0	W'N	5	rr	62	95	6	6	2	-	10	10	1500
3	Birmingham ...	1020·6	-6	WNW	4	c	66	65	8	5	-	4	7·8	7·8	2500
	Upper Heyford	1021·3	-6	WNW	4	q	71	65	9	7	7	4	7·8	9	2500
4	Ross-on-Wye	1022·9	-6	W'S	4	c	69	65	8	5	-	1	9	9+	4000
5	Portland Bill ...	1024·7	-14	W	4	bc	60	95	8	4	-	-	2·3	2·3	2500
	Plymouth ...	1026·2	-10	W	3	bc	65	85	8	7	-	-	4·6	4·6	1500
	The Lizard ...	1027·7	-10	W	3	c	61	95	8	5	-	-	9+	9+	2500
	Scilly (St.Mary's)	1028·3	-6	NWW	3	c/f	63	85	6	5	-	-	7·8	7·8	220
	Guernsey ...	1027·6	-4	W	3	c	61	95	6	8	-	-	10	10	1500
6	Pembroke ...	1027·0	-6	W	5	c	59	95	7	8	2	-	4·6	7·8	1500
7	Holyhead ...	1027·6	+2	SW	5	$d_o d_o$	60	95	7	5	-	-	10	10	1600
	Chester(Sealand)	1026·5	+2	W	6	c/r	65	75	8	5	-	-	9+	9+	2500
8	Manchester ...	1019·2	+2	WNW	6	ir	62	85	7	6	-	-	10	10	1500
10	Spurn Head ...	1015·9	-2	WNW	7	q	65	75	7	5	2	-	7·8	9+	1500
	Catterick ...	1016·0	+6	NW'N	5	c	65	65	8	5	7	-	7·8	9	2500
	Tynemouth ...	1014·1	+8	NW	4	c/pr	65	65	7	6	-	-	7·8	7·8	1500
11	Inchkeith ...	1012·7	0	SW	5	c	59	75	8	8	9	9	4·6	7·8	4000
	Leuchars ...	1011·3	0	WSW	4	c	64	55	9	7	7	-	7·8	9	2500
12	Renfrew (Abbotsl.)	1015·6	+8	WSW	4	c	61	75	8	8	-	1	7·8	7·8	4000
	Eskdalemuir ...	1015·5	+10	W	5	pr	56	85	8	8	-	3	9+	9+	2500
	Point of Ayre...	1019·5	+16	WNW	4	c	64	75	8	4	7	-	2·3	7·8	2500
13A	Tiree	1017·0	+8	W'N	5	c	60	85	7	8	-	-	7·8	7·8	2500
13B	Stornoway ...	1012·6	+6	NW	6	c	57	75	8	8	-	-	9+	9+	2500
15	Dalwhinnie ...	1013·0	+6	NW	4	c	56	75	8	4	2	-	4·6	10	2500
	Aberdeen ...	1013·6	+4	NWW	5	c/pr	62	55	9	8	-	-	9+	9+	2500
	Wick ...	1009·5	+10	NW	4	pr	52	85	8	8	1	-	7·8	9	1500
16	Lerwick ...	1005·3	+14	WNW	4	c/pr	52	85	8	8	-	-	7·8	7·8	1500
17	Blacksod Point	1023·6	+6	W	3	c	61	85	7	5	-	-	10	10	1500
18	Malin Head ...	1019·3	+10	W'N	5	c	59	85	7	8	1	-	7·8	9	1500
	Aldergrove ...	1020·2	+12	W'N	6	c	60	75	8	5	-	8	9	9+	2500
19	Birr Castle ...	1023·1	+2	WSW	3	id	63	85	8	6	1	-	7·8	10	2500
20	Valentia Obsy. †	1027·4	0	W'S	4	c	61	95	7	5	-	-	10	10	800
	Roches Point	1025·3	-6	WNW	2	c	67	75	9	5	3	-	4·6	7·8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020·4	-4	W'S	3	c	69	75	8	8	-	2	4·6	7·8	2500	0	*
	Croydon ...	1020·3	-6	W'S	4	bc	69	65	8	7	5	4	2·3	4·6	4000	0	*
	S. Farnborough	1021·0	-4	W	3	c	69	75	8	1	5	2	1	7·8	2500	0	*
	Boscombe Down	1022·0	-6	W'N	4	c	64	75	8	7	3	1	7·8	9	1500	0	*
	Calshot (Sthmtn.)	1022·0	-2	W'N	4	c	69	75	8	7	7	8	1	7·8	2500	0	2
	Lympne ...	1020·3	0	W	4	bc	70	65	8	5	-	8	2·3	4·6	2500	0	§4
	Manston ...	1018·9	-4	W	5	c	71	65	7	7	-	-	9+	9+	2500	0	*
2	Shoeburyness ...	1019·2	-4	W	4	q	71	75	8	3	-	-	9+	9+	2500	0	*
	Felixstowe ...	1018·5	0	WNW	4	jp	69	65	8	9	3	4	7·8	9+	2500	0	2
	Gorleston ...	1017·2	-4	WNW	4	q	69	65	7	8	-	-	7·8	7·8	2500	0	3
	Mildenhall ...	1018·7	-2	W	6	c/pr	64	85	8	5	7	-	4·6	7·8	2500	0	*
	Cranwell ...	1018·4	-2	WNW	5	c	65	65	7	8	3	9	2·3	7·8	2500	0	*
3	Birmingham ...	1020·4	-2	WNW	3	$r_o r_o$	62	85	8	6	2	-	7·8	9	2500	0	*
	Upper Heyford	1020·4	-6	NW'W	4	c	67	75	8	8	-	-	9+	9+	1500	0	*
4	Ross-on-Wye	1020·9	-4	W'N	4	c	66	75	8	5	-	1	9	9+	2500	0	*
5	Portland Bill ...	1023·1	-12	WNW	4	c	62	85	8	4	4	1	4·6	10	2500	0	3
	Plymouth ...	1024·5	-10	WNW	4	c	63	85	8	7	-	4	4·6	7·8	1500	0	1
	The Lizard ...	1026·0	-10	WNW	3	c	59	95	8	5	-	-	9+	9+	2500	0	2
	Scilly (St.Mary's)	1026·4	-6	NW	4	c	60	85	8	5	-	-	10	10	2500	1	2
	Guernsey ...	1025·2	-24	W	5	c/f	58	95	5	5	-	-	10	10	1500	0	3
6	Pembroke ...	1022·8	-10	W'N	5	3_o	59	95	7	8	6	4	4·6	7·8	4000	0	3
7	Holyhead ...	1021·2	-2	W'N	4	c	62	75	8	7	4	7	1	9	2500	1	2
	Chester(Sealand)	1020·5	+4	W'N	5	bc	64	65	8	8	3	5	1	4·6	2500	0	*
8	Manchester ...	1019·8	+6	NW	4	c	62	75	8	9	-	1	7·8	9	1500	0	*
10	Spurn Head ...	1015·7	0	NW'W	7	q	66	65	7	7	2	-	4·6	7·8	2600	0	6
	Catterick ...	1017·0	+6	NW'N	4	c	62	65	9	8	8	9	4·6	7·8	2500	0	*
	Tynemouth ...	1014·9	+6	W	5	bc	64	55	8	2	-	-	4·6	4·6	2500	1	1
11	Inchkeith ...	1014·4	0	WSW	4	bc	59	75	8	7	4	-	4·6	4·6	4000	0	3
	Leuchars ...	1013·5	+12	WNW	5	c	62	55	9	8	6	-	7·8	7·8	2500	0	*
12	Renfrew (Abbotsl.)	1017·1	+6	WSW	5	c	57	75	8	8	-	4	7·8	7·8	2500	0	*
	Eskdalemuir ...	1016·7	+6	WNW	5	c/pr	56	75	8	8	-	-	7·8	7·8	2500	1	*
	Point of Ayre...	1019·9	+2	NW	6	bc	60	75	8	2	-	9	2·3	4·6	2500	0	3
13A	Tiree	1018·9	-4	WNW	4	c	56	85	7	8	-	-	7·8	7·8	2500	0	3
13B	Stornoway ...	1015·2	+16	NW	3	c/pr	54	95	8	8	-	-	9+	9+	2500	1	2
15	Dalwhinnie ...	1015·1	+4	NW	2	c	53	95	7	4	6	-	4·6	10	2500	1	*
	Aberdeen ...	1013·0	+16	NW	5	pr	57	75	8	9	-	-	9+	9+	800	1	1
	Wick ...	1012·1	+10	NW	4	pr	52	95	8	8	1	-	7·8	9	1500	1	2
16	Lerwick ...	1008·0	+14	WNW	5	c/pr	48	85	8	8	-	9	4·6	7·8	1500	1	*
17	Blacksod Point	1023·8	+2	WNW	3	c	58	75	8	4	-	-	7·8	7·8	2500	0	2
18	Malin Head ...	1021·0	+4	WNW	5	jp	57	85	8	8	6	4	4·6	7·8	1500	0	3
	Aldergrove ...	1020·4	-2	WNW	5	c	59	65	8	8	-	2	4·6	7·8	2500	0	*
19	Birr Castle ...	1023·1	0	WSW	2	c	62	85	8	8	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1026·4	-6	W'S	2	3_o	60	95	6	5	-	-	10	10	450	1	3
	Roches Point	1024·4	-4	NW	3	c	65	85	8	5	3	4	2·3	7·8	2500	0	2

PAST 24 HOURS.

Weather. 7h.—13h. 5th (37)	Weather. 13h.—18h. 5th (38)	Weather. 18h. 5th to 1h. 6th. (39)	Weather. 1h.—7h. 6th. (40)
c	c	cide	bbc.
cbc	bcc	$c d_o r c$	cbcc
cbc	bcc	$c d_o b c c$	cbwbc
cbc	bcc	cbc	$b c m_o b c$
cbc	bc	c	cbc
cbc	bccbc	$c r_s m_o b c$	$c m_o b c$
bc	bcyc	$c p r b c$	bc
bcc	c	cqu-pr	cbc
bcy	bcy $p r_o$	$c p r_o b c c$	cbc
bccqy	$c q p r_o$	$c q b c$	bcc
c	$c p r_o$		bwbc
$c r r m_o$	$r r d d c$	c	c
bcc	c	$c r r_o c c$	bc
cbccq	cq	$c q r_o b c$	$b c_y$
$o b c v c$	c	$c p_o c b c$	bwbcb
cbc	bcc	c	cbc
$c m_o$	bcc	c	bcc
ffifc	cifc	co	ocFF
ffife	cimc	$c o m_o$	Fffe
c	cof	bcb	bcoff
cbc	$c q 3_o$	c	c
$b c d_o$	$o d_o b c$	cbc	bcb
$b c_y v c j p$	$c i r_o$	bcc	cbc.
$c i d q$	cqbcc	cbc	cbc
cq	cq	cbc	cbc
$c d_o e r_o c$	ccy	cbc	bcc
cpq	cbcq	bc	bc
c	cbc	bcc	c
bccqy	cqycy	cybc	bcc
$c d d c$	cbccv	cbcvc	c
$i r_o p r_o$	$b c p r_o$	$p r_o c$	c
$o p r c$	bc	cbc	bc
	c	c	c
cprq	cprq	cprq	$e p r_o$
irc	irc	*	irc
yqpr	CPRq	cprc	c
$c p r_o$	$c p r_o$	$c p r_o c$	c
$c p r_o$	$c p r_o$	cpro	c
id	bc	c	af
$c p r_o c$	cbcc	cbc	c
$o i d_o c$	$c p r_o c$	bcc	cbcc
cid	cidc	c	c
c	$c m_o$	$m_o i d_o p r_o$ c	$c i d_o c$ 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 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† Sea disturbance reported from Dungeness.

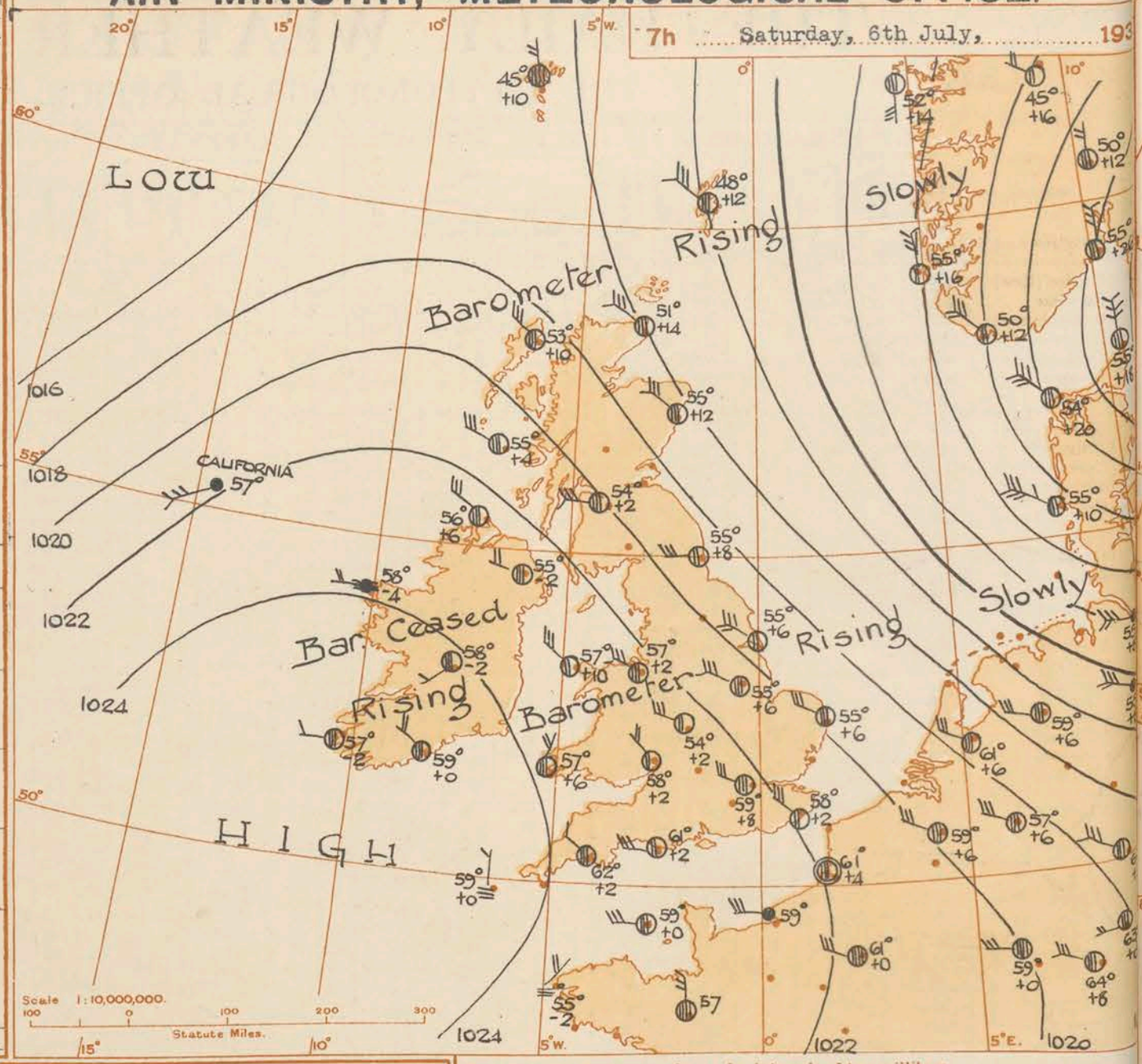
REPORTS from HEALTH RESORTS for 5th July 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 4th to 9h. 5th	Temperature. Max. 9h.—17h. 5th	Rainfall. Night, 17h. 4th to 9h. 5th	Rainfall. Day. 9h.—17h. 5th	Sunshine. Sunrise to 17h. 5th	Sunrise to Sunset. 4th.
1	Tunbridge W.	bcb	bbc	58	74	–	–	9·2	9·3
	Bournemouth	cbb	bbc	59	76	–	–	9·9	4·7
	Ventnor ...	cbcmb	bbc	60	68	–	–	7·1	9·3
	Southsea ...	cbcb	bbc	61	74	–	–	9·7	6·3
	Bognor Regis	bcbc	bcbc	61	72	–	–	8·8	6·1
	Littlehampton	cbc	bc	61	72	–	–	7·7	4·1
	Worthing ...	bc	bcbbc	61	70	–	–	7·0	7·4
	Brighton ...	bc	bbcb	61	69	–	–	7·0	5·7
	Eastbourne† ...	bcc	cbc	60	68	–	–	6·9	9·6
	Hastings† ...	bcbc	bcbbc	60	70	–	–	8·9	6·9
	Folkestone ...	cbc	bc	59	74	–	–	8·4	8·5
	Dover ...	bcb	bbc	61	74	–	–	11·3	8·4
	Deal	bbcb	b	62	79	–	–	11·5	6·2
	Ramsgate ...	bcb	bbc	61	77	–	–	11·0	10·5
	Margate ...	bc	bc	62	73	–	–	10·6	8·6
2	Southend ...	cbcb	bbcc	61	78	–	–	10·0	8·5
	Maldon ...	bcb	bbcc	61	75	–	–	9·1	8·4
	Clacton-on-Sea	cbc	bcc	62	76	–	–	7·8	7·9
	Dovercourt ...	bccv	bcbccv	62	76	–	–	9·1	8·8
	Lowestoft ...	bc	bc	61	78	–	–	9·6	11·4
	Skegness' ...	bco	obc	63	71	–	–	5·8	8·0
	Mablethorpe...	cbccp	c	63	69	–	Trace	5·7	7·8
	Cleethorpes ...	czbc	bc	61	69	–	–	7·5	7·3
3	Leamington S.	bc	bcc	60	71	–	–	4·0	7·8
4	Cheltenham†	cbc	bcco	59	72	–	–	3·6	4·4
5	Bath	c	c	59	65	Trace	–	0·2	3·1
	Weymouth ...	cbb	b	60	70	–	–	9·5	2·5
	Jersey ...	c	c	57	61	–	–	0·2	0·0
	Torquay ...	b	bv	51	74	–	–	12·1	13·3
	Penzance ...	ccbcc	bcbc	57	67	–	–	3·4	10·0
	St. Ives ...	d	c	55	64	0·5	Trace	5·0	11·0
	Bude... ...	c	c	56	62	1	–	0·9	0·6
	Ilfracombe ...	cmod	cbcco	57	63	0·3	0·1	3·5	0·8
6	Aberystwyth	cbc	bcc	57	61	–	–	3·1	2·4
7	Llandudno ...	c	dbdbc	59	64	–	0·1	3·5	3·7
	Colwyn Bay...	cbccc	cpcbc	60	65	–	Trace	4·1	3·5
	Rhyl	bcc	cqobc	61	68	–	0·3	3·9	4·9
8	Wallasey ...	bc	bcb	60	65	–	–	4·4	4·6
	Southport‖ ...	oco	ocbc	59	65	–	–	2·8	3·8
	Blackpool ...	c	c	59	63	0·1	–	2·5	5·4
	Morecambe ...	c	rcbcc	59	64	–	1	1·5	4·0
9	Ilkley... ...	odocc	cbcbc	56	65	2	0·5	3·3	4·5
	Harrogate ...	cdo	docbc	57	66	2	–	2·1	?
10	Berwick-on-T.	c	c	54	65	–	–	3·4	5·9
11	Dunbar ...	bcro	bc	54	66	Trace	Trace	6·0	8·3
12	Troon... ...	codcc	cbcbc	55	60	3	–	3·2	3·3
	Douglas ...	ogidc	cbbcq	57	65	Trace	Trace	6·0	5·7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Saturday, 6th July, ... 193



Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm indicated by circle outside weather symbol :— ◎ Temperature is given in degrees.
Weather Symbols :— ○Clear sky. ◔Sky less than 3/10 clouded. ◑Sky 4/10 to 6/10 clouded. ◕Overcast sky. ●Rain falling. ✳Snow. ✱Sleet. ≡Fog. ≡°Mist. ϒ Thunder. ϒ Thunderstorm. ∞ Slight haze.
Sea Disturbance.~~Rough. ≈≈High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temper

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate northwest or north wind; fair; cooler than of late.
4 W. Midlands ...	Light northwest or variable wind; mainly fair; average temperature.
5 S.W. England 6 South Wales ...	Light variable wind; mainly fair, but local coastal mist or fog and perhaps local slight drizzle; rather close.
7 North Wales ... 8 N.W. England	Light northwest wind, backing; mainly cloudy; occasional local drizzle and perhaps coastal mist or fog; average temperature, rather close.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light or moderate northwest wind, variable later; mainly fair; average temperature.
12 S.W. Scotland & Isle of Man.	As 7 - 8.
13 A. W. Scotld. B.N.W.Scotland.	Moderate or fresh southwest or south wind; cloudy, occasional drizzle or slight rain; perhaps coastal fog; becoming close.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Light or moderate west wind, probably backing; fair today, perhaps local drizzle tonight and tomorrow; average temperature,
17 N. W. Ireland 18 N. E. Ireland	Light or moderate southwest wind; mainly dull, local drizzle and coastal fog; rather close.
	As 7 - 8
19 S. E. Ireland 20 S. W. Ireland	Light variable wind; cloudy; local drizzle; close.

GENERAL INFERENCE.

An anticyclone is centred over Southwest Britain and a wedge of high pressure extending to the Faeroes is moving east. Weather will be fair apart from drizzle or slight rain in the West and Northwest.

FURTHER OUTLOOK.

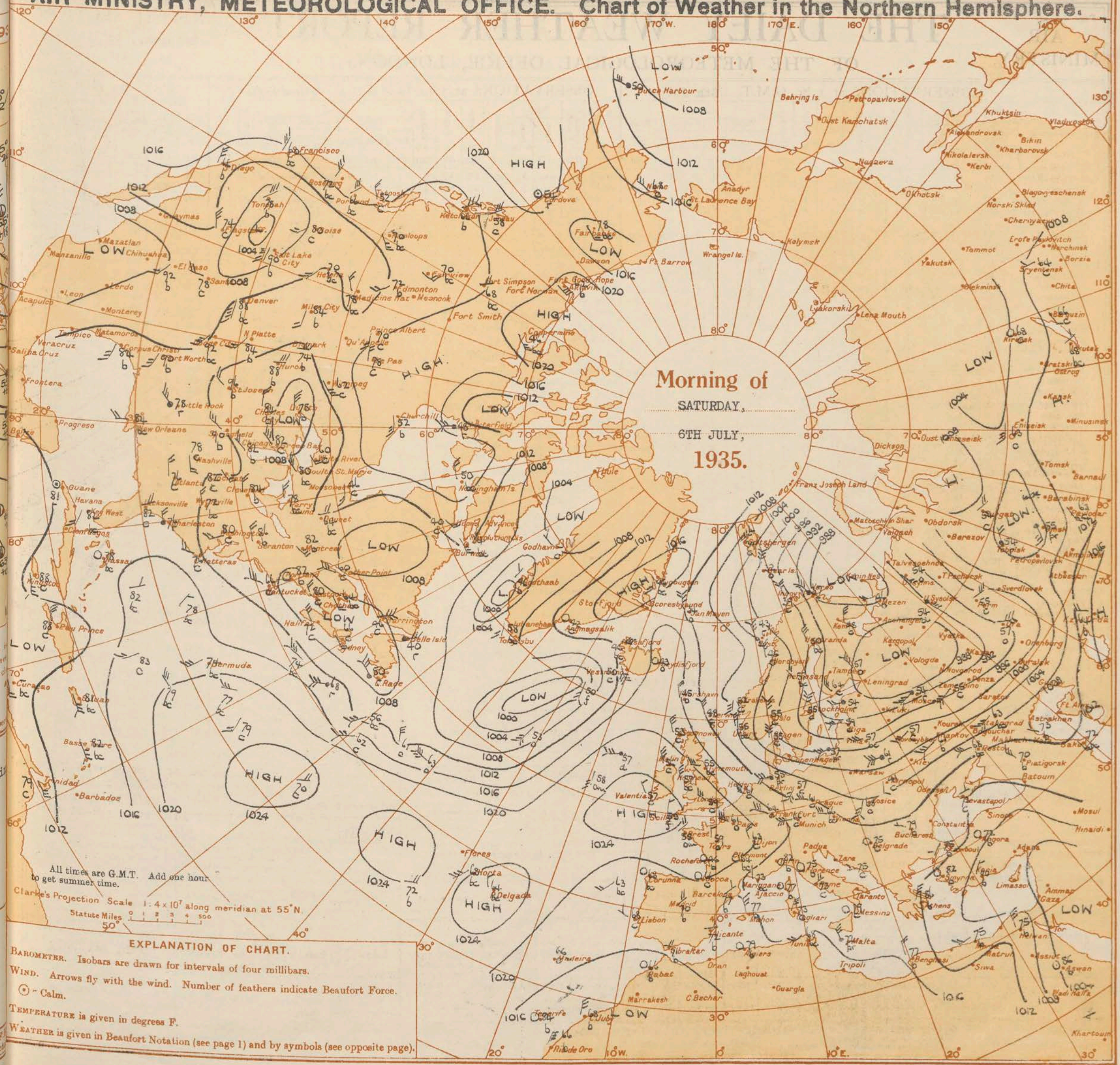
Local drizzle in the West and North, probably mainly dry in the Southeast.

Forecasts issued at 1000 G.M.T.

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

H.M.Stationery Office Press, Kingsway, W.C.2. R 212/2904 wt. 8081 0. 6001, 6p. 908. 29760. 7/35.

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


Morning of
SATURDAY,
6TH JULY,
1935.
HIGH
LOW
Dutch Harbour
Behring Is.
Petropavlovsk
Dust Kamchatsk
Khuktsin
Vladivostok
Alexandrovsk
Bikin
Kharborovsk
Nikolaievsk
Kerbi
Nagaeva
Okhotsk
Blagoveschensk
Norski Skiad
Cherniayevo
Erofe Pavlovitch
Nerchinsk
Borzia
Sryenitsensk
Chita
Petropavlovsk
Anadyr
St. Lawrence Bay
Kolymsk
Wrangel Is.
Pt. Barrow
Yakutsk
Tammot
Dekminsk
Lyakorskii
Lena Mouth
Kirensk
Kutsk
Bratsk
Ostrog
Kansk
Minusinsk
Chiseisk
Dickson
Tomsk
Barnaul
Barabinsk
Franz Joseph Land
Matochkin Shar
Obdorsk
Berezov
Tobolsk
Petropavlovsk
Talvenochnda
T. Pechinsk
Sverdlovsk
Orenburg
Ufa
Astrakhan
Batoum
Mosul
Hinaidi
Khartoum
Aswan
Wadi Halfa
Amman
Gaza
Limassol
Kania
Smyrna
Constantine
Bucharest
Belgrade
Sinope
Sevastopol
Odessa
Kiev
Warsaw
Prague
Vienna
Frankfurt
Munich
Berlin
Hamburg
Copenhagen
Stockholm
Oslo
Helsingfors
Leningrad
Moscow
Novgorod
Vologda
Kargopol
Archangel
Kem
Kandalaksha
Vyatka
Penza
Tambov
Saratov
Kazan
Perm
Sysolsk
Kezen
Inta
Vorkuta
Amderma
Varandei
Matochkin Shar
Novaya Zemlya
Vardo
Hammerfest
Tromsö
Bodö
Trondheim
Stavanger
Aberdeen
Edinburgh
Dublin
Valentia
Scilly
Brest
Cherbourg
Le Havre
Paris
Dijon
Clermont
Rochefort
Biarritz
La Coruna
Oporto
Lisbon
Barcelona
Madrid
Alicante
Gibraltar
Malaga
Algiers
Oran
Rabat
Laghouat
Ouargla
Marrakesh
C. Bechar
Tripoli
Benghasi
Siwa
Malta
Messina
Taranto
Naples
Rome
Ajaccio
Cagliari
Mahon
Florence
Padua
Turin
Marseilles
Toulouse
Bordeaux
Nantes
Cherbourg
Jan Mayen
Scoresbysund
Godthaab
Angmagssalik
Ivigtut
Julianehaab
Godhavn
Sta Fjord
Vestmanna
Reykjavik
Stykkisholm
Isafjord
Akureyri
Thule
Nordfjord
Ivigtut
Cape Farewell
Nain
Hopedale
Battle Harbour
Belle Isle
Harrington
Sydney
Halifax
Yarmouth
Cape Race
Port aux Basques
Fredericton
Quebec
Montreal
Ottawa
Toronto
Kingston
Detroit
Cleveland
Buffalo
Pittsburgh
Scranton
Atlantic City
Washington
Hatteras
Charleston
Jacksonville
Key West
Havana
Nassau
Bermuda
Turks Is.
Port au Prince
Kingston
Curacao
Trinidad
Barbados
Basse Terre
Flores
Horta
Delgada
Ponta Delgada
Bermuda
Cape Race
Sydney
Belle Isle
Harrington
Halifax
Yarmouth
Fredericton
Quebec
Montreal
Ottawa
Toronto
Kingston
Detroit
Cleveland
Buffalo
Pittsburgh
Scranton
Atlantic City
Washington
Hatteras
Charleston
Jacksonville
Key West
Havana
Nassau
Guane
Port au Prince
Kingston
Curacao
Trinidad
Barbados
Basse Terre
Flores
Horta
Delgada
Ponta Delgada
Winnipeg
Churchill
Winnipeg
Prince Albert
Qu'Appelle
The Pas
Fort Smith
Fort Simpson
Fort Norman
Fort Good Hope
Aklavik
Dawson
Fairbanks
Nome
Edmonton
Medicine Hat
Calgary
Banff
Jasper
Prince Rupert
Vancouver
Victoria
Seattle
Portland
Spokane
Boise
Salt Lake City
Helena
Great Falls
Kalispell
Billings
Miles City
Bismarck
Williston
Minot
Devils Lake
Grand Forks
Fargo
Duluth
Minneapolis
Rochester
La Crosse
Madison
Milwaukee
Chicago
Grand Rapids
Detroit
Toledo

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 6th July 1935.

No. 26889

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

DISTRICT	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility. 0–9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High.	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Cloud. Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1021·4	+·8	WN	2	c	61	75	7	7	-	-	9+	9+	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021·2	+6.	NNW	3	bc	60	75	7	5	-	-	4-6	4-6	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1019·0	+4	WN	3	bc	57	85	6	8	-	-	2-3	2-3	4000
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1023·0	0	WNW	3	c	60	95	7	5	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1025·6	-2	WNW	2	0	57	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1026·4	-6	NWN	3	0	57	95	6	5	-	-	10	10	1500
	Guernsey ..	175	1024·9	-2	W	4	b	66	95	7	-	-	-	0	0	-
6	Pembroke ...	142	1023·7	+2	NW	2	c	57	95	7	8	-	-	9	9	2500
7	Holyhead ...	26	1022·6	+6	NNW	3	bc	56	85	8	5	-	8	2-3	2-3	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ..	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018·2	+4	NW	6	bc	57	85	7	-	2	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1017·7	+4	W	3	bc	53	85	8	4	-	-	4-6	4-6	2500
11	Inchkeith ...	190	1017·7	+8	WSW	4	c	53	85	8	5	4	6	4-6	7-8	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1021·9	+6	NNW	4	bc	55	85	8	4	-	-	2-3	2-3	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1017·1	+4	WNW	3	pr	51	95	7	8	2	-	4-6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015·1	+10	NW	2	c	50	95	8	8	1	-	7-8	9+	1500
16	Lerwick ...	156	1010·9	+14	WNW	5	c|p	46	85	8	8	-	-	9+	9+	1500
17	Blacksod Point	18	1024·2	0	-	0	c	56	85	7	5	-	-	9+	9+	1500
18	Malin Head ...	52	1021·9	+4	WN	3	c	54	85	8	4	-	-	7-8	7-8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1026·5	0	W	3	dr	57	95	6	9	-	-	9+	9+	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low.	Cloud. Form. Med.	Cloud. Form. High.	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Cloud. Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1022·7	+6	NW	3	bc	59	65	8	1	-	6	2-3	4-6	4000	0	*
1022·3	+8	WNW	3	c	59	65	8	1	-	2	Tr	7-8	4000	1	*
1023·0	+8	NW	2	bc	60	75	8	1	-	2	4-6	4-6	2500	0	*
1022·8	+2	NW	2	bc	59	75	7	7	-	2	2-3	4-6	2500	1	*
1022·3	+4	NW'N	4	bc	62	75	8	2	-	6	1	4-6	2500	0	1
1021·6	+2	NW'N	3	bc	58	65	7	-	-	6	0	4-6	-	0	§1
1021·0	+6	WNW	5	c	58	75	8	1	3	1	2-3	7-8	1500	0	*
1021·3	+4	NW'W	4	bc	58	85	7	1	1	2	1	4-6	4000	0	*
1020·6	+8	NW'W	3	c	58	65	8	1	4	6	Tr	7-8	1500	0	1
1020·1	+6	WNW	3	c	55	75	6	7	4	-	4-6	7-8	2500	0	2
1020·9	+6	NW	3	c	57	75	7	-	-	2	0	7-8	-	0	*
1021·2	+6	NW'W	4	c	55	75	7	-	-	6	0	9	-	0	*
1021·8	+2	WNW	3	bc	55	85	7	5	3	1	2-3	4-6	2500	0	*
1022·5	+6	NNW	3	bc	57	75	8	1	-	2	2-3	4-6	4000	1	*
1022·7	+6	NNW	2	bc	58	75	8	7	-	9	Tr	2-3	4000	0	*
1023·2	+2	W	3	bc	61	95	8	4	-	-	4-6	4-6	2500	0	2
1023·8	+2	NW'N	1	c	62	85	8	5	-	-	9+	9+	1500	0	0
1024·5	0	~~SW~~ NNW	1	oF	57	95	1	5	-	-	10	10	220	0	1
1025·1	0	N	1	c|f-	59	95	3	5	-	-	7-8	7-8	<150	1	1
1023·8	0	W	3	c2₀	59	95	5	8	-	-	7-8	7-8	1500	1	1
1023·4	+6	NNE	2	c	57	75	8	5	-	-	9+	9+	1500	0	1
1023·7	+10	NW	3	bc	57	75	8	1	-	1	Tr	2-3	2500	1	2
1022·5	+2	WNW	4	c	57	75	7	7	-	2	2-3	7-8	2300	0	*
1022·0	+10	NW'N	4	bc	57	75	8	8	-	1	2-3	4-6	2500	0	*
1019·9	+6	NW'N	5	bc	55	85	8	-	2	1	0	4-6	-	0	4
1020·1	+8	NW'N	4	c	56	75	8	5	3	1	Tr	9	4000	0	*
1018·4	+8	W	3	bc	55	85	7	2	-	-	4-6	4-6	4000	0	1
1018·1	+12	WSW	4	c	53	85	8	4	3	-	4-6	9+	2500	0	2
1018·8	+6	WSW	3	c	54	75	9	4	7	-	2-3	9+	5700	0	*
1019·8	+2	W	4	c	54	85	8	8	7	-	7-8	9	2500	1	*
1018·3 (20)	+8	S	1	c	52	75	8	5	7	-	4-6	9+	1500	1	*
1022·4	+6	NW	4	bc	57	75	8	4	3	-	1	4-6	1500	0	3
1020·9	+4	WNW	3	c	55	85	8	5	7	-	4-6	7-8	2500	0	3
1018·6	+10	NW	3	c	53	85	8	8	7	-	4-6	7-8	1500	1	1
1019·8	+10	NW	1	c	50	75	8	4	2	-	4-6	10	2500	0	*
1017·7	+12	NW	4	c	55	75	8	8	4	9	7-8	9+	1500	1	1
1016·6	+14	NW	4	c	51	85	8	8	1	-	4-6	7-8	1500	0	2
1013·7	+12	NW	4	c	48	75	8	8	2	-	4-6	7-8	1500	1	*
1023·0	-4	W	2	d	58	95	4	6	-	-	10	10	220	1	2
1022·4	+6	NW	3	c	56	85	7	7	-	-	9	9	1500	0	1
1023·0	-2	WNW	2	c	55	75	9	5	4	1	9	9	4000	0	*
1023·9	-2	SW	1	c	58	85	8	8	3	-	4-6	9	2500	1	*
1025·3	-2	WNW	1	c/d	57	95	7	5	-	-	9+	9+	450	1	2
1024·9	0	NW	2	c	59	85	8	5	-	-	7-8	7-8	2500	0	1

PAST 24 HOURS.

DISTRICT	Temperature. Max. Day 7h–18h °F.	Temperature. Min. Night 18h–7h °F.	Temperature. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine Hrs.
	(31)	(32)	(33)	(34)	(35)	(36)
1	73	56	52	-	Tr	7·2
	72	57	54	-	0·6	10·4
	75	53	42	-	Tr	8·5
	68	56	53	-	-	6·0
	73	58	55	-	-	10·0
	74	53	51	-	Tr	9·0
	76	57	55	-	Tr	11·5
2	77	54	48	-	0·4	10·2
	76	54	52	Tr	Tr	9·8
	76	51	50	Tr	-	10·5
	75	50	47	Tr	-	7·6
	71	47	44	2	-	8·0
3	68	51	47	Tr	1	5·3
	72	51	47	-	0·2	*
4	71	53	44	-	0·2	4·0
5	64	57	*	-	-	*
	66	59	57	-	-	5·2
	62	55	*	-	-	*
	63	57	*	Tr	Tr	3·4
	64	56	54	-	-	2·0
6	60	54	*	-	-	6·0
7	63	55	51	0·3	-	6·4
	68	56	49	Tr	-	4·9
8	66	49	44	Tr	-	2·2
10	68	53	*	-	8-	7·3
	67	52	47	Tr	-	5·7
	66	51	48	3	-	*
11	62	52	49	-	-	10·4
	67	51	48	-	-	6·9
12	62	52	49	0·1	-	3·7
	60	49	47	1	Tr	6·6
	66	53	*	0·3	-	9·1
13A	68	53	50	0·3	-	8·0
13B	69	50	*	1	1	5·0
15	57	49	45	2	Tr	4·6
	65	52	49	2	0·6	5·4
	56	48	*	0·6	Tr	*
16	52	45	*	5	0·3	4·6
17	61	53	*	1	Tr	*
18	60	51	*	Tr	-	4·5
	63	50	44	Tr	-	4·3
19	64	54	52	Tr	-	0·0
20	61	56	54	Tr	0·6	0·0
	68	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.	Weather Afternoon.	Weather Night.	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	c	c	c|d|bbc	73	56	52	-	Tr	7·2	*	*	8
Croydon	217	cbc	bcc	c₂d₂c|bcc	72	57	54	-	0·6	10·4	*	*	8
Greenwich (Royal Observatory)...	149	cb	bc	c₇c	76	56	50	-	Tr	8·3	64	56	8
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	7·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	74	59	53	-	-	7·8	63	59	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	73	55	51	-	Tr	8·7	65	65	*
Camden Square	110	cbc	bcc	*	75	56	50	-	-	*	*	56	*
Kensington	80	bc	bc	*	74	56	52	-	-	7·7	At 18h. 65	61	*
Hampstead Observatory	450	bc	bc	c	72	52	44	-	-	6·7	*	71	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 6th.

South Kensington.

Max.	Time.	Min.	Time.
<0·1	whole	period.	

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	07h 5th.	<0·1	Rest of period.

FOREIGN OBSERVATIONS.

18h. G.M.T. 5th July. 7h. G.M.T. 6th July.

Stations.	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1021·7	W	4	b	79	1024·8	WNW	3	0	61
Brussels	1018·7	WSW	4	c	66	1019·1	WNW	3	c	59
Berlin	1009·8	W'N	3	c	63	1008·5	WNW	5	c/pr	57
Zürich	1020·3	NW	3	b	75	1018·4	W	3	b	64
Rome	1013·7	WNW	3	c	79	1013·9	ENE	2	c	73

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
78	61	-	-
70	55	-	0·2
68	54	1	7
81	61	-	-
-	-	-	3

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 7th July, 1935.

No. 26890

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. Direct. (3)	Wind. Force 0–12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1022·6	0	NNW	2	bc	66	45	8	1	–	–	4-6	4-6	4000
	Croydon ...	1022·5	+2	NW	3	bc	67	45	8	1	–	–	4-6	4-6	4000
	S. Farnborough	1022·2	-2	NW	2	bc	69	45	8	1	–	–	2-3	2-3	4000
	Boscombe Down	1022·7	-2	N	2	b	67	55	8	1	–	–	1	1	2500
	Calshot (Sthmtn.)	1022·6	-2	N'W	2	bc	70	55	8	7	–	–	4-6	4-6	2500
	Lympne ...	1022·5	+2	N	2	bc	64	55	8	7	–	–	4-6	4-6	2500
	Manston ...	1022·0	+2	NW	3	bc	66	55	8	7	–	–	1	1	2500
2	Shoeburyness ...	1022·1	0	W'N	2	bc	70	65	8	8	–	–	7-8	7-8	4000
	Felixstowe ...	1021·7	+2	W	2	bc	68	45	8	7	–	–	4-6	4-6	4000
	Gorleston ...	1021·5	+10	N	5	c	64	65	7	2	–	5	7-8	7-8	4000
	Mildenhall ...	1021·5	+4	W	2	bc	68	45	8	7	3	2	4-6	4-6	4000
	Cranwell ...	1021·6	+4	NW	2	c	68	45	7	2	–	–	7-8	7-8	4000
3	Birmingham ...	1022·8	+2	NNW	3	bc	64	45	8	1	–	–	4-6	4-6	2500
4	Upper Heyford	1022·4	-2	NNW	3	bc	66	55	8	4	–	–	4-6	4-6	4000
	Ross-on-Wye	1022·3	-4	NW'N	2	bc	68	55	9	1	–	–	2-3	2-3	5700
5	Portland Bill ...	1023·0	-4	WNW	3	b	63	95	8	–	–	–	–	–	–
	Plymouth ...	1023·4	-4	N'W	2	bc	70	55	8	1	–	1	1	1	2500
	The Lizard ...	1024.0	0	SSW	1	bc	66	85	8	8	1	–	2-3	4-6	1500
	Scilly (St.Mary's)	1024·8	0	E NE	2	bc	65	85	9	1	–	3	1	2-3	4000
	Guernsey ...	1023·6	0	W	3	bc	67	75	8	8	–	–	4-6	4-6	4000
6	Pembroke ...	1023·9	-2	NW	3	bc b	61	65	9	7	–	–	Tr	Tr	5700
7	Holyhead ...	1024·4	+6	NW	2	bc	60	75	9	7	–	–	Tr	Tr	2500
	Chester (Sealand)	1024·1	+8	NW'W	4	bc	61	55	8	1	–	–	2-3	2-3	2500
8	Manchester ...	1023·0	+2	NW'N	4 bc	bc	63	55	8	7	–	–	4-6	4-6	2500
10	Spurn Head ...	1021·5	+2	E	3	bcjp	66	55	8	7	2	9	2-3	4-6	4000
	Catterick ...	1021·3	+6	NNW	2	bc	64	55	9	2	3	–	4-6	7-8	4000
	Tynemouth ...	1020·5	+4	WNW	2	c	65	85	8	7	–	–	7-8	7-8	4000
11	Inchkeith ...	1010·7	+6	WSW	4	c	59	65	8	8	3	–	7-8	9+	2500
	Leuchars ...	1020·2	+6	WNW	4	c	65	55	9	7	3	9	2-3	7-8	2500
12	Renfrew (Abbotsl.)	1021·6	+6	W'N	3	c	63	65	9	7	7	–	9+	9+	4000
	Eskdalemuir ...	1021·5	+4	WNW	3	c	59	65	8	8	7	–	7-8	9	2500
	Point of Ayre ...	1023·8	+6	NW	3	bc	65	65	8	1	4	–	4-6	4-6	2500
13A	Tiree	1022·6	+10	WNW	3	bc	60	75	8	7	4	–	2-3	2-3	2500
13B	Stornoway ...	1020·9	+14	WNW	2	c	58	65	8	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1021·3	+6	NW	1	c	55	75	8	4	6	–	4-6	10	2500
	Aberdeen ...	1020·1	+14	NW'N	3	c/pr	57	75	8	8	–	–	7-8	7-8	2500
	Wick ...	1019·9	+10	NW	4	c	56	75	8	5	6	–	4-6	7-8	1500
16	Lerwick ...	1017·4	+16	NW	4	c/pr	51	75	8	8	7	–	7-8	9+	1500
17	Blacksod Point	1024·0	+2	W	2	c	60	85	9	5	–	–	7-8	7-8	1500
18	Malin Head ...	1023·3	+6	WNW	4	c	59	85	7	8	–	–	9+	9+	1500
	Aldergrove ...	1023·4	+2	NW	1	bc	65	65	9	7	–	–	7-8	7-8	4000
19	Birr Castle ...	1024·2	+2	SW	1	c	67	75	8	8	–	–	10	10	2500
20	Valentia Obsy. †	1024·7	-6	SW'W	2	c	62	95	8	8	–	–	7-8	7-8	1500
	Roches Point	1025·2	0	S	1	c	60	85	9	5	–	–	9+	9+	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direct. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1022·0	-6	NW'N	2	bc	70	45	8	1	–	–	4-6	4-6	5700	0	*
	Croydon ...	1021·7	-2	NW'N	2	bc	69	45	8	1	–	–	2-3	2-3	5700	0	*
	S. Farnborough	1022·0	-2	NW'N	1	b	69	45	8	1	–	–	1	1	4000	0	*
	Boscombe Down	1022·1	-6	NNW	2	b	68	45	8	1	–	–	Tr	Tr	2500	0	*
	Calshot (Sthmtn.)	1022·1	-2	NW	1	b	71	55	8	1	4	–	1	2-3	2500	0	1
	Lympne ...	1022·6	-2	S	2	bc	63	55	8	7	–	–	1	1	4000	0	§ 1
	Manston ...	1021·7	-2	NW	2	bc	68	45	8	7	–	–	Tr	Tr	2500	0	*
2	Shoeburyness ...	1021·9	-2	NNW	2	bc	68	65	8	4	–	–	4-6	4-6	4000	0	*
	Felixstowe ...	1022·0	+4	E'N	3	bc	62	75	8	5	–	–	2-3	2-3	4000	0	1
	Gorleston ...	1022·8	+6	N	3	bc	63	65	6	7	7	–	2-3	4-6	4000	0	2
	Mildenhall ...	1021·2	-4	NW	2	bc	70	46	7	2	–	–	Tr	Tr	4000	0	*
	Cranwell ...	1021·3	0	NE'N	2	c	69	45	7	7	–	–	7-8	7-8	4000	0	*
3	Birmingham ...	1022·5	0	NNW	3	b	64	45	8	–	–	–	0	0	–	0	*
4	Upper Heyford	1022·3	-2	NW	3	b	67	55	8	–	–	–	0	0	–	0	*
	Ross-on-Wye	1021·7	-6	N	2	bc	70	56	9	1	–	1	1	1	5700	0	*
5	Portland Bill ...	1022·1	-4	W	3	bc	62	95	8	4	–	1	2-3	4-6	2500	0	3
	Plymouth ...	1022·4	-2	NNW	3	bc	69	65	8	–	–	1	–	1	–	0	0
	The Lizard ...	1023·8	-4	N	2	bc	66	65	8	7	–	–	2-3	2-3	4000	0	1
	Scilly (St.Mary's)	1024.0	-6	NE'E	3	bc	61	85	8	2	–	3	1	2-3	4000	0	1
	Guernsey ...	1023·0	-4	—	0	b	66	75	8	–	–	–	–	–	–	0	1
6	Pembroke ...	1023·2	-2	NNW	2	b	61	65	8	7	–	–	1	1	5700	0	1
7	Holyhead ...	1024·1	-2	W'N	2	bc	62	65	9	7	3	–	1	1	4000	0	1
	Chester (Sealand)	1024·1	-2	NW'W	3	bc	61	55	8	1	4	–	Tr	Tr	2500	0	*
8	Manchester ...	1023·4	+2	NW	4	bc	62	65	8	1	–	1	1	2-3	2500	0	*
10	Spurn Head ...	1022·4	+2	SE'E	2	bc	61	65	8	–	7	9	–	2-3	–	0	1
	Catterick ...	1021·5	+4	ESE	1	bc	65	65	8	8	3	–	4-6	4-6	4000	0	*
	Tynemouth ...	1021·1	+6	SE	2	bc	59	75	7	2	–	–	4-6	4-6	2500	0	1
11	Inchkeith ...	1021·3	+2	WSW	4	c	60	65	8	5	–	–	9+	9+	2500	0	2
	Leuchars ...	1021·3	+12	WNW	2	c	59	75	8	4	–	6	7-8	7-8	4000	0	*
12	Renfrew (Abbotsl.)	1022·1	+4	W'N	3	bc	61	65	9	1	4	–	2-3	4-6	4000	0	*
	Eskdalemuir ...	1021·6	+2	WNW	3	bc	62	65	8	8	7	–	1	4-6	4000	1	*
	Point of Ayre ...	1023·9	0	WNW	3	c	60	65	8	–	4	–	–	7-8	–	0	2
13A	Tiree	1022·9	0	W	2	bc	58	75	8	7	3	–	2-3	4-6	4000	0	2
13B	Stornoway ...	1022·0	+2	WNW	3	c	60	75	9	8	7	–	4-6	7-8	4000	1	1
15	Dalwhinnie ...	1022·4	+4	NW	1	c	56	75	8	4	6	–	4-6	9	2500	9	*
	Aberdeen ...	1021·9	+14	NNW	2	bc	58	65	8	8	–	–	7-8	7-8	2500	1	1
	Wick ...	1021·7	+12	NW	3	bc	55	75	8	7	6	–	4-6	4-6	2500	0	2
16	Lerwick ...	1022·0	+16	NW	3	c	50	75	8	8	7	–	7-8	9	1500	0	*
17	Blacksod Point	1023·6	-4	W	2	bc	62	85	9	5	–	–	4-6	4-6	2500	0	2
18	Malin Head ...	1023·6	0	W'N	3	c	68	95	7	8	–	–	9+	9+	800	0	1
	Aldergrove ...	1023·8	+2	NE	2	c	61	75	8	5	2	–	7-8	10	2500	0	*
19	Birr Castle ...	1023·8	-2	SW	1	c	68	75	8	8	1	–	7-8	9+	2500	1	*
20	Valentia Obsy. †	1023·5	-10	SW	3	bc	66	75	8	5	4	–	4-6	4-6	1500	0	2
	Roches Point	1024·5	-4	S	1	bc	61	85	8	1	3	–	1	2-3	2500	0	1

PAST 24 HOURS.

Weather. 7h.—13h. (37)	Weather. 13h.—18h. (38)	Weather. 18h. 6th to 1h. 7th. (39)	Weather. 1h.—7h. (40)
bc	bc	b	bm₀w
c⊕bay	bcby	by b3₀	bm₀w
bcby	bbcby	ybw	bwz₀
bybay	by	by	bm₀
bcy	bcyby	bybw	bw
bcy	bcyby	bcbm₀w	bfffbcm
bcb	by	bybc	bcc
bc	bc	bcb	bcbw
bcy	bcyb	b-c	cbc
cbcy	cbcy	bcc	cbc
bc	bcb	b	bcbb
cbcy	bcy	b	bcbw
bc	b	b	b
bcy	bcby	by	bwm₀
bcby	bvy	bbcb	bw
bcb	bbc	b	b
bccby	byv	by⊕	b
fcbc	bc	bcb	bbc
fifbc	bc	bcb	b
bcbc	bcb	bw	bw
cbcb	b	b	b
b	b	cbcw	cbcb
bcy	bvy	b	bwm₀
bccbc	byb	bcb	bnbm₀w
bcbgp	bc	bc	bc
cbc	bcy	bcbw	bwbz₀
bcc	cbc	bccbc	bc
c	c	bcbw	eifz
ccy	cyc	cbcbw	bwbco
c	cvcybc	bcbw	bwz₀b
c	cbc	bcb	bw
bc	bcc	c	cbc
cbc	bc	c	em₀
c	c	c	c
irc	c	•	bc
cdpr₀	cbc	bccbc	bcbw
c	cbc	bc	bcc
cpr₀	cpr₀	c	c
id₀f	id₀	bc	bc
c	c	c	c
cbc	cidₒ	oidₒpr₀c	b-bcw
c	c	cbc	bcb
c	cbc	cbcb	bbc
c	cbc	bcbw	bwb.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
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.
c, 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.

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.*

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

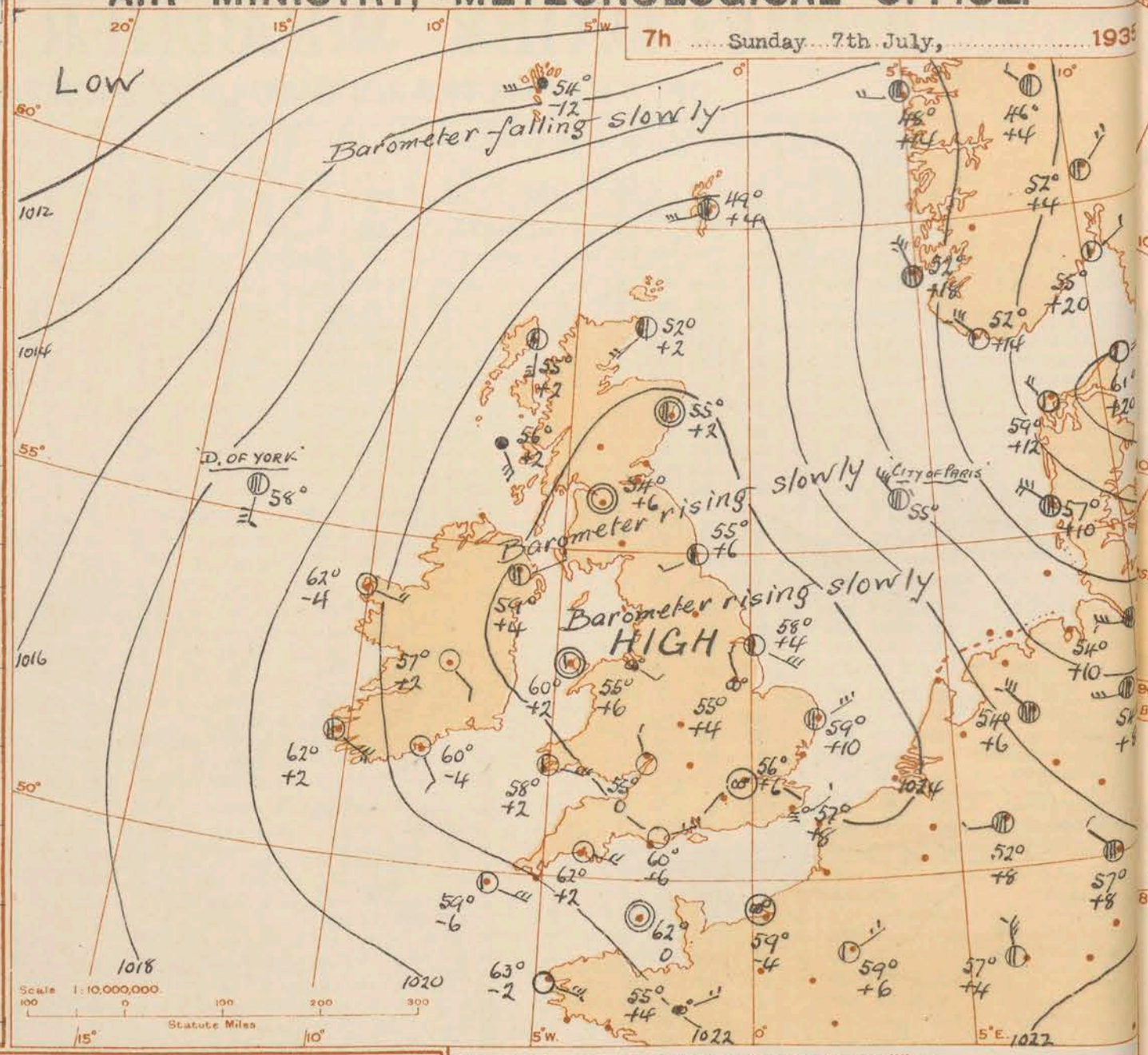
§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 6th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 5th to 9h. 6th	Temperature. Max. 9h.—17h. 6th	Rainfall. Night. 17h. 5th to 9h. 6th	Rainfall. Day. 9h.—17h. 6th	Sunshine. Sunrise to 17h. 6th	Sunshine. Sunrise to Sunset. 5th
1	Tunbridge W.	bc	bc	56	71	–	–	10·1	10·6
	Bournemouth	bcb	b	60	75	–	–	10·3	10·4
	Ventnor ...	bcbc	b	59	71	–	–	10·2	8·0
	Southsea ...	b	b	60	73	–	–	11·6	10·5
	Bognor Regis	bcbb	b	58	71	–	–	11·9	9·5
	Littlehampton	bc	bcb	58	73	–	–	11·5	8·7
	Worthing ...	b	b	59	70	–	–	11·0	8·6
	Brighton ...	b	b	59	73	–	–	10·5	7·2
	Eastbourne† ...	ybcb	b	59	71	–	–	11·3	6·8
	Hastings† ...	bcbc	bcb	56	70	–	–	9·7	9·8
	Folkestone ...	or bc	bc	56	70	0·4	–	10·4	10·2
	Dover ...	ybc	bcy	57	70	0·5	–	11·1	12·7
	Deal	b	b	56	71	Tr	–	10·4	12·2
	Ramsgate ...	b	b	58	70	0·1	–	10·1	11·5
	Margate ...	bc	bbc	57	68	0·2	–	10·2	10·8
2	Southend ...	bc	bc	55	73	0·3	–	10·7	10·0
	Maldon ...	b	bbc	56	70	1	–	9·2	9·1
	Clacton-on-Sea	bcv	bcvy	53	70	–	–	9·1	7·8
	Dovercourt ...	bcv	bc	54	71	–	–	8·6	9·1
	Lowestoft ...	bc	bc	50	67	–	–	9·2	10·9
	Skegness ...	bc	bcb	49	64	–	–	8·6	7·4
	Mablethorpe...	cbc	bcb	48	64	–	–	11·2	7·5
	Cleethorpes ...	bc	bc	50	67	–	–	10·6	8·1
3	Leamington S.	bcc	bcb	51	69	1·0	–	8·6	5·2
4	Cheltenham†	bcb	b	52	74	Tr	–	11·2	8·9
5	Bath	b	b	55	73	–	–	11·5	0·5
	Weymouth ...	b	b	52	72	–	–	10·6	9·7
	Jersey ...	bc	bcb	55	71	–	–	8·3	0·2
	Torquay ...	bcb	b	60	69	–	–	9·0	13·5
	Penzance ...	b	b	57	71	–	–	11·8	3·4
	St. Ives ...	b	b	56	63	–	–	11·5	5·0
	Bude... ...	cbcb	b	57	65	–	–	8·2	0·9
	Ilfracombe ...	cbc	b	58	64	–	–	10·3	3·7
6	Aberystwyth	cbc	bbc	56	63	–	–	11·9	3·1
7	Llandudno ...	b	b	55	62	–	–	11·4	6·1
	Colwyn Bay...	bcbcb	bcb	54	62	–	–	9·1	6·8
	Rhyl	b	b	55	62	–	–	11·0	6·3
8	Wallasey ...	b	b	55	63	–	–	11·6	5·6
	Southport‖ ...	bbc	bcb	55	64	–	–	11·0	3·8
	Blackpool ...	cbc	bcb	55	63	–	–	9·2	3·6
	Morecambe ...	bcbc	bbc	54	64	–	–	10·0	3·8
9	Ilkley	b	b	49	68	–	–	10·9	*
	Harrogate ...	bc	bcb	49	69	–	–	9·6	2·3
10	Berwick-on-T.	c	c	52	64	–	–	9·9	5·1
11	Dunbar ...	bc	bc	51	67	–	–	6·8	7·8
12	Troon... ...	cbcb	bbcbc	54	64	–	–	6·8	4·7
	Douglas ...	cb	bcb	51	64	–	–	8·6	8·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind variable, light; fine, rather warm.
5 S.W. England 6 South Wales ...	Wind southeasterly, light; fair, rather warm.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W. Scotland.	As 1 - 4.
14 Mid Scotland	Wind southerly, light; cloudy, slight local drizzle; average temperature.
15 N. E. Scotland	As 1 - 4.
16 Orkneys and Shetlands	Wind westerly, light; cloudy; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland	As 1 - 4.
20 S. W. Ireland	As 5 - 6.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. TEMPERATURE is given in degrees F.
WEATHER SYMBOLS. Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. 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.

An anticyclone covers the British Isles, while pressure is low near Iceland. Weather will be fair apart from local drizzle in northwest Scotland.

FURTHER OUTLOOK.

Little change.

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. 6212/2904 We 8081 D 6001 Gp 968 24760 7/35

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, 7th July, 1935.

No. 26890

OBSERVATIONS at 1 hr. G.M.T. 7th 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	10232	+2	WSW	1	3o	55	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023.5	0.	W	1	3o	55	95	6	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	10238	+6	NNW	1	c	57	85	7	5	4	-	4-6	7-8	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	10227	-4	W	3	b	60	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	10228	-6	NEN	4	b	55	75	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	10232	-6	ENE	3	b	55	95	8	7	-	-	Tr	Tr	4000
	Guernsey ..	175	1023.0	0	-	0	b	56	85	7	-	-	-	0	0	-
6	Pembroke ...	142	10228	-4	ENE	3	b	53	85	8	5	-	-	Tr.	Tr.	4000
7	Holyhead ...	26	10242	-2	SE	1	c	55	85	7	5	-	-	7-8	7-8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	10234	+2	SWW	1	bc	57	75	8	-	2	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	10233	+6	-	0	bc	54	95	7	2	-	-	4-6	4-6	2500
11	Inchkeith ...	190	10236	+2	NNE	1	c	52	95	8	4	2	-	Tr.	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	10242	+4	NW	2	c	56	85	8	-	4	-	0	7-8	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	10226	+2	SW	2	c	54	85	7	5	2	-	9+	10	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	10226	+4	WNW	2	bc	44	95	8	5	6	8	4-6	4-6	2500
16	Lerwick ...	156	1021.9	+6	WNW	1	c	47	85	8	5	2	-	7-8	10	1500
17	Blacksod Point	18	1022.6	-6	W	2	c	59	85	7	5	-	-	9+	9+	800
18	Malin Head ...	52	10237	+2	-	0	c	56	95	7	5	-	-	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1021.8	-14	SE	3	b	60	86	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 7th 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)	Sun. 0–9 (30)
1	London (Kew)	1024·1	+4	-	0	b	57	75	6	-	-	-	0	0	-	0	*
	Croydon ...	1023·7	+6	-	0	b	56	75	6	-	-	-	0	0	-	0	*
	S. Farnborough	1024·0	+6	W'N	1	b	56	75	6	-	-	-	0	0	-	0	*
	Boscombe Down	1024·1	+4	NW	1	b	55	85	6	-	-	-	0	0	-	0	*
	Calshot (Sthmtn.)	1023·5	+2	NNW	2	b	58	75	7	-	-	-	0	0	-	1	-
	Lympne ...	1023·8	+3	NE	1	bcm	57	95	4	5	3	-	Tr	2-3	450	0	§1
	Manston ...	1023·5	+3	SE	2	c	59	85	7	5	-	-	9+	9+	1500	0	*
2	Shoeburyness ...	1023·6	+3	ENE	3	bc	63	85	7	5	-	-	2-3	2-3	4000	0	*
	Felixstowe ...	1024·3	+14	ENE	3	bc	62	65	8	5	3	-	1	4-6	4000	0	2
	Gorleston ...	1025·0	+10	NE	3	bc	59	75	7	1	-	-	4-6	4-6	4000	0	2
	Mildenhall ...	1024·5	+12	E	1	b	61	75	8	-	3	-	0	1	-	0	*
	Cranwell ...	1024·7	+4	N'W	1	b	55	85	6	-	-	-	0	0	-	0	*
3	Birmingham ...	1024·6	+2	NNE	1	b	58	75	7	-	-	-	0	0	-	0	*
	Upper Heyford	1024·3	+10	N	2	b	55	85	6	-	-	-	0	0	-	0	*
4	Ross-on-Wye	1024·2	0	N'W	1	b	55	85	8	-	-	-	0	0	-	0	*
5	Portland Bill ...	1023·1	+6	ENE	3	b	60	95	8	-	-	-	0	0	-	0	2
	Plymouth ...	1022·6	+2	E'S	2	b	62	75	8	-	-	-	0	0	-	0	0
	The Lizard ...	1022·1	+2	E'S	3	bc	61	95	8	7	-	-	2-3	2-3	2500	0	1
	Scilly (St. Mary's)	1021·8	-6	SE'E	3	b	59	95	8	-	-	3	0	Tr	-	0	2
	Guernsey ..	1023·1	0	-	0	b	62	75	7	-	-	-	0	0	-	0	1
6	Pembroke ...	1022·6	+2	E'S	3	b	58	85	7	7	-	-	Tr	Tr	5700	0	1
7	Holyhead ...	1024·3	+2	-	0	b	60	75	9	5	-	-	Tr	Tr	2500	0	0
	Chester (Sealand)	1025·1	+6	SE	1	bc	55	85	6	7	4	-	2-3	2-3	2500	0	*
8	Manchester ...	1024·9	+6	-	0	b	53	85	6	-	-	-	0	0	-	0	*
10	Spurn Head ...	1024·6	+4	SE'E	3	bc	58	85	8	-	1	9	0	2-3	-	0	2
	Catterick ...	1024·7	+8	NE'N	2	b	55	86	6	1	-	-	1	1	4000	0	*
	Tynemouth ...	1024·4	+6	WSW	1	bc	55	85	6	7	-	-	2-3	2-3	4000	0	1
11	Inchkeith ...	1024·8	+8	NNE	1	om	50	95	4	5	-	-	10	10	800	0	1
	Leuchars ...	1024·9	+10	-	0	0	51	95	7	5	-	-	10	10	450	1	*
12	Renfrew (Abbotsl.)	1024·6	+6	-	0	b	54	85	8	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1024·5	+6	ENE	1	b	54	85	8	1	-	1	Tr	Tr	4000	1	*
	Point of Ayre ...	1025·0	+4	NW	1	bc	59	75	8	7	-	-	2-3	2-3	1500	0	1
13A	Tiree	1023·6	+2	SE'S	3	id$_o$	56	95	6	5	-	-	9+	9+	1500	1	2
13B	Stornoway ...	1022·7	+2	S	3	c	55	95	7	5	7	-	9	9+	1500	1	1
15	Dalwhinnie ...	1024·8	+2	W	1	b	51	85	8	-	6	-	0	Tr	-	0	*
	Aberdeen ...	1024·1	+2	-	0	bc	55	85	8	5	3	1	1	2-3	4000	1	1
	Wick ...	1023·0	+2	SW	2	c	52	95	8	5	1	-	4-6	7-8	1500	0	2
16	Lerwick ...	1022·2	+4	WSW	3	c	49	75	9	5	3	9	2-3	7-8	2500	0	*
17	Blacksod Point	1021·4	-4	ESE	2	b	62	85	8	-	-	-	0	0	-	0	2
18	Malin Head ...	1023·2	0	S	1	c	62	95	8	5	-	-	9+	9+	1500	0	0
	Aldergrove ...	1024·3	+4	E'N	1	bc	59	85	7	5	4	-	4-6	4-6	4000	1	*
19	Birr Castle ...	1023·1	+2	SE	1	b	57	95	7	-	-	-	0	0	-	0	*
20	Valentia Obsy. †	1021·1	+2	SE'E	5	bc	62	75	8	1	-	9	Tr	4-6	1500	0	2
	Roches Point	1022·4	-4	SSE	1	b	60	85	9	-	-	-	0	0	-	1	1

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 6th Hrs. (36)
1	London (Kew)	70	52	42	—	-	13·5
	Croydon ...	70	49	47	—	Tr	13·4
	S. Farnborough	73	45	33	-	Tr	13·8
	Boscombe Down	69	47	41	-	-	14·7
	Calshot (Sthmtn.)	72	56	50	—	-	14·7
	Lympne ...	67	48	46	-	-	13·3
	Manston ...	69	53	49	—	-	12·6
2	Shoeburyness ...	71	51	46	—	-	12·5
	Felixstowe ...	70	59	56	—	-	11·9
	Gorleston ...	68	54	53	—	-	11·0
	Mildenhall ...	72	52	50	—	-	12·7
	Cranwell ...	70	46	42	-	-	11·7
3	Birmingham ...	67	50	42	—	-	14·0
	Upper Heyford	69	47	43	-	-	*
4	Ross-on-Wye	71	46	34	-	-	14·4
5	Portland Bill ...	66	57	*	—	-	*
	Plymouth ...	71	52	49	—	-	11·4
	The Lizard ...	69	54	*	-	-	*
	Scilly (St. Mary's)	66	54	*	-	-	12·7
	Guernsey ..	67	52	48	-	-	11·0
6	Pembroke ...	63	52	*	-	-	13·7
7	Holyhead ...	63	53	47	-	-	13·4
	Chester (Sealand)	62	43	40	-	-	14·3
8	Manchester ...	65	39	35	-	-	11·9
10	Spurn Head ...	67	54	*	-	-	11·8
	Catterick ...	68	44	38	-	-	10·4
	Tynemouth ...	68	52	48	-	-	*
11	Inchkeith ...	63	49	45	-	-	2·7
	Leuchars ...	67	40	35	-	-	3·1
12	Renfrew (Abbotsl.)	65	40	39	-	-	2·4
	Eskdalemuir ...	63	40	34	-	-	3·3
	Point of Ayre ...	(68)	49	*	-	-	9·9
13A	Tiree	60	54	53	-	Tr	6·7
13B	Stornoway ...	62	53	*	-	-	5·3
15	Dalwhinnie ...	60	37	30	0·5	-	1·6
	Aberdeen ...	62	43	40	1	-	5·2
	Wick ...	57	39	*	-	-	*
16	Lerwick ...	54	46	*	Tr	-	3·8
17	Blacksod Point	63	55	*	Tr	-	*
18	Malin Head ...	61	54	*	-	-	3·1
	Aldergrove ...	67	49	43	Tr	0·1	6·3
19	Birr Castle ...	68	50	41	-	-	2·4
20	Valentia Obsy. †	67	56	48	-	-	4·2
	Roches Point	62	51	*	-	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	bc	bc	bm$_o$w	70	52	42	-	-	13·5	*	*	6
Croydon	217	c⊕bcy	bcby	by$_b$z$_o$w	70	49	47	-	Tr	13·4	*	*	6
Greenwich (Royal Observatory)...	149	cbcy	by	b	74	51	37	-	-	12·7	41	67	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	13.1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	73	58	50	-	-	13.5	45	62	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	72	52	48	-	-	13.1	52	61	*
Camden Square	110	cbc	bcb	*	73	54	47	-	-	*	*	65	*
Kensington	80	bc	bc	*	71	53	47	-	-	13.2	At 18h. 46	62	*
Hampstead Observatory	450	bc	b	b	69	50	42	-	-	12·0	*	72	*

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.
Paris	1020·9	NNW	3	b	70	1023·4	NE	2	b	59
Brussels	1021·0	NNW	3	bc	63					
Berlin	1019	NW	5	q	61	1018·5	WNW	2	c	56
Zürich	1015·2	W	4	c	68	1019·0	NE	2	bc	59
Rome	1010·7	E'N	1	c	73	1012·3	NE	2	b	73

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·1	07h 7th	nil	13–14h 6th.

Kew Observatory. Max.	Time.	Min.	Time.
0·2	21–24h 6th.	<0·1	7–17h 6th.

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
73	50	-	-
68		-	
64	51	0·2	0·2
79	57	-	-
*	*	11	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	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 8 h. § Sea disturbance reported from Dungeness. * Time of observation 0800 G.M.T.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 8th July, 1935.

No. 26891

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1024.3	0	E'N	3	bc	71	55	6	7	–	–	7-8	7-8	4000
	Croydon ...	1023.7	+2	NE'N	3	bc	72	55	8	2	–	–	4-6	4-6	5700
	S. Farnborough	1023.8	-2	—	0	$c2_0$	70	55	6	7	–	–	7-8	7-8	4000
	Boscombe Down	1023.3	-6	NE	1	bc	71	35	7	1	–	–	Tr	Tr	2500
	Calshot (Sthmtn.)	1023.6	0	SE	2	bc	71	65	7	7	–	–	2-3	2-3	2600
	Lympne ...	1025.2	+4	SE	3	bc	64	65	8	1	–	–	Tr	Tr	2500
	Manston ...	1025.2	+4	ESE	4	bc	65	65	8	7	–	–	Tr	Tr	2500
2	Shoeburyness ...	1025.4	0	E'N	3	bc	65	85	8	1	–	–	1	1	4000
	Felixstowe ...	1025.8	+2	E'S	3	bc	65	65	8	7	–	–	2-3	2-3	2500
	Gorleston ...	1026.8	+8	NE'E	3	bc	63	65	7	7	–	–	4-6	4-6	4000
	Mildenhall ...	1024.5	+2	E	2	bc	71	45	8	8	–	–	4-6	4-6	4000
	Cranwell ...	1024.6	-4	SE	2	bc	71	45	8	2	–	–	4-6	4-6	5700
3	Birmingham ...	1023.9	0	ESE	2	bc	69	45	7	1	–	–	4-6	4-6	2500
4	Upper Heyford	1024.1	-2	E	2	bc	71	55	8	7	–	–	7-8	7-8	4000
	Ross-on-Wye	1023.2	0	E'S	2	bc	72	55	7	1	–	–	2-3	2-3	5700
5	Portland Bill ...	1023.5	+4	NE	2	b	64	85	8	–	–	–	–	–	–
	Plymouth ...	1023.0	+2	S	3	bc	65	75	8	1	–	1	Tr	1	2500
	The Lizard ...	1022.7	+2	E	4	bc	65	85	8	7	–	–	2-3	2-3	4000
	Scilly (St.Mary's)	1021.9	-2	ESE	4	bc	66	75	8	–	–	3	–	1	–
	Guernsey ...	1023.0	-2	—	0	b	66	65	7	–	–	–	–	–	–
6	Pembroke ...	1023.0	0	SE	3	bc	66	65	7	7	–	–	Tr	Tr	5700
7	Holyhead ...	1024.2	0	NE	3	bc	64	75	9	1	–	–	Tr	Tr	2500
	Chester(Sealand)	1024.5	-4	SE	1	bc	72	45	7	1	–	–	2-3	2-3	4000
8	Manchester ...	1024.6	-2	S	1	bc	71	55	7	1	–	–	2-3	2-3	4000
10	Spurn Head ...	1026.1	+4	SE'E	4	bc	62	76	8	–	1	1	–	2-3	–
	Catterick ...	1024.7	-4	SE'S	1	bc	70	55	7	1	–	–	4-6	4-6	4000
	Tynemouth ...	1025.4	0	SE	2	bc	59	85	8	5	–	2	2-3	4-6	800
11	Inchkeith ...	1024.7	-8	NNW	1	bc	59	75	7	5	–	–	2-3	2-3	2500
12	Leuchars ...	1024.6	-2	E	3	bc	65	65	7	1	–	–	Tr	Tr	4000
	Renfrew (Abbots I.)	1023.9	-6	SW	2	bc	71	55	8	1	–	–	Tr	Tr	4000
	Eskdalemuir ...	1023.8	-4	SE	1	bc	67	55	8	7	–	–	4-6	4-6	4000
	Point of Ayre...	1025.3	0	NE	1	bc	62	65	8	2	7	–	1	1	2500
13A	Tiree	1023.4	0	SE'S	3	c	62	85	9	5	3	–	4-6	7-8	2500
13B	Stornoway ...	1022.3	-4	SSW	3	c	60	85	8	5	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1023.1	-4	W	1	bc	69	55	8	1	4	–	–	1	–
	Aberdeen ...	1024.5	+2	SSE	3	bc	62	65	7	1	–	1	Tr	1	4000
	Wick ...	1023.3	0	S	3	bc	58	95	8	5	6	–	4-6	4-6	2500
16	Lerwick ...	1024.9	-2	WSW	3	c/d	53	95	6	5	2	–	7-8	10	450
17	Blacksod Point	1021.0	-6	E	4	bc	70	95	9	1	–	–	2-3	2-3	4000
18	Malin Head ...	1023.1	+2	E	3	c	60	95	7	7	–	–	9	9	1500
	Aldergrove ...	1023.9	-6	SE	1	bc	69	65	8	1	7	–	4-6	7-8	4000
19	Birr Castle ...	1022.4	-6	SE	1	bc	71	65	8	1	–	–	4-6	4-6	4000
20	Valentia Obsy. †	1019.9	-6	SE'E	4	bc	74	65	9	1	6	9	1	4-6	4000
	Roches Point	1022.2	-2	SE	3	bc	64	85	9	1	3	–	1	2-3	4000

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

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)
1024.0	0	SE'S	3	bc	71	55	8	2	–	–	4-6	4-6	4000	0	*
1024.0	0	E'S	2	bc	68	65	8	4	–	–	2-3	2-3	5700	0	*
1023.9	+2	SE	2	$c2_0$	67	65	7	7	–	–	7-8	7-8	4000	0	*
1022.8	-2	SSW	3	bc	69	65	7	7	–	–	7-8	7-8	2500	0	*
1023.6	+2	ESE	3	bc	67	75	7	–	–	1	–	1	–	0	§ 1
1025.4	-2	E'N	3	b	61	65	8	–	–	–	–	–	–	0	§ 2
1025.2	-2	E'S	4	b	61	75	8	–	–	–	–	–	–	0	*
1025.6	0	E	3	b	62	85	9	–	–	–	–	–	–	0	*
1025.8	0	E	3	bc	61	85	9	7	–	–	Tr	Tr	2500	0	2
1026.7	0	ENE	2	bc	61	85	7	1	–	–	2-3	2-3	4000	0	2
1024.7	+2	SE	3	bc	67	55	8	4	–	–	4-6	4-6	2500	0	*
1024.8	0	E	3	b	67	65	8	–	–	–	–	–	–	0	*
1023.3	-2	ESE	2	bc	71	45	8	1	–	–	2-3	2-3	2500	0	*
1023.4	-6	E	2	bc	71	55	8	7	–	–	2-3	2-3	4000	0	*
1022.2	-8	ESE	1	bc	72	55	7	1	–	–	1	1	4000	0	*
1023.1	-14	ENE	2	b	62	85	8	–	–	–	–	–	–	0	2
1021.9	-4	ESE	2	b	70	55	8	–	–	–	–	–	–	0	0
1021.2	-4	ENE	4	bc	63	85	8	1	–	–	Tr	Tr	4000	0	2
1021.0	-4	SE'E	4	bc	63	75	7	–	–	3	–	2-3	–	0	2
1022.0	0	NE	3	b	63	85	7	–	–	–	–	–	–	0	1
1021.4	-8	NW	1	bc	67	55	7	5	–	–	2-3	2-3	4000	0	1
1023.0	-10	NE	2	bc	63	75	9	5	–	–	Tr	Tr	4000	0	1
1023.2	-8	WNW	1	b	70	75	7	–	–	–	–	–	–	0	*
1023.4	-6	S'E	2	bc	73	45	8	1	–	–	2-3	2-3	4000	0	*
1026.0	-2	SE'E	4	b	58	75	8	–	–	–	–	–	–	0	3
1024.1	-4	E'S	1	bc	71	55	8	1	–	–	Tr	Tr	4000	0	*
1025.4	-2	SE	3	bc	57	85	8	5	–	–	2-3	2-3	2500	0	1
1024.1	-10	ENE	2	bc	61	75	8	5	–	–	2-3	2-3	2500	0	1
1023.8	-4	ESE	3	b	65	65	9	–	–	–	–	–	–	0	*
1022.8	-12	SW'W	2	bc	71	55	8	4	–	–	Tr	Tr	4000	0	*
1023.3	-6	SSE	2	bc	68	55	8	7	–	–	1	1	4000	1	*
1023.7	-8	NE'E	2	b	61	75	8	–	–	–	–	–	–	0	1
1022.5	-6	SSE	3	b	64	75	9	1	–	–	1	1	4000	0	2
1021.9	-4	SW	3	bc	61	75	8	6	4	–	2-3	4-6	2500	1	1
1022.8	-4	W	1	bc	70	55	8	–	4	–	–	1	–	0	*
1023.8	-2	S	4	bc	59	75	8	–	3	1	–	1	–	1	1
1023.3	0	ESE	2	c	56	95	8	7	7	2	4-6	9	2500	0	2
1022.1	-2	WSW	3	c	54	95	7	5	7	–	4-6	9	800	0	*
1018.9	-12	ESE	3	bc	70	65	9	1	–	–	2-3	2-3	4000	0	2
1021.8	-10	E	2	bc	64	85	8	7	–	–	4-6	4-6	2500	0	0
1023.0	-2	SE'S	2	bc	67	65	8	4	–	8	2-3	4-6	4000	0	*
1020.9	-4	SE	2	bc	72	55	8	–	7	–	–	2-3	–	0	*
1018.5	-10	ESE	5	bc	72	45	9	1	5	9	Tr	4-6	4000	0	2
1021.3	-6	SE	3	bc	68	85	8	–	4	–	–	1	–	0	2

PAST 24 HOURS.

Weather. 7h.–13h. 7th. (37)	13h.–18h. 7th. (38)	18h. 7th. to 1h. 8th. (39)	1h.–7h. 8th. (40)
bcz_0	bcy	b	bm_0wb
$bbcz_0$	bcyc	$byb3_0$	bm_0bw
$bbcz_0y$	$bcycz_0$	cb	bw
bz_0by	by_0bc	bcb	b
bbc	bcb	bb cbw	bwb
cm_0bcb	b	bw	bw
cbcb	bby	b	bc
b	bv	bv	bbcc
bcb	bbv	bvb	b_0cbc
bc	bc	bcc	bc
bbc	bc	bc	b
bcy	bcby	b	bFew
bbc	bc	bcb	b
bm_0bc	bcy	bcbbc	bcm_0w
bb	bcy	$bcbz_0$	bw
bb	b	b	bcc
b	by	by	bcb
bc	bcb	bbcb	bbc
b	bbc	bcb	bbcc
b	b	bw	b
b	bcy	b	bcbq
bc	b	bcwb	bwbc
bm_0bc	bcyb	bm_0	bm_0w
bz_0by	bbcby	bbz_0	bz_0fw
bc	bcb	bbc	bc
bz_0bcy	bcyby	b	bwb
bc	bc	bc	bc
$ifcz_0$	bc	bc	$bc3_0w$
ocbcb	b	bwm_0	$bwFm_0$
bz_0by	byy	byvb	$bw3_0$
bbcy	cyby	bybw	bw
bc	bcb	bbcbc	bc
m_0cbc	cbcb	b	b
c	cbc	bcb	b
b	b	*	b
bcb	b	bw	bm_0w
cbc	bcc	c	cbc
cid_0m	cid	c	c
bc	bbc	bc	bc
c	cbc	bc	bc
c, bc	bc	bcb	b
bbc	bcy	bc	bc
bc cbcy	bcyy	cvbcc	cbc
bbc	bcb	bbc	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_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.

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.*

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

§ Sea disturbance reported from Dungeness.

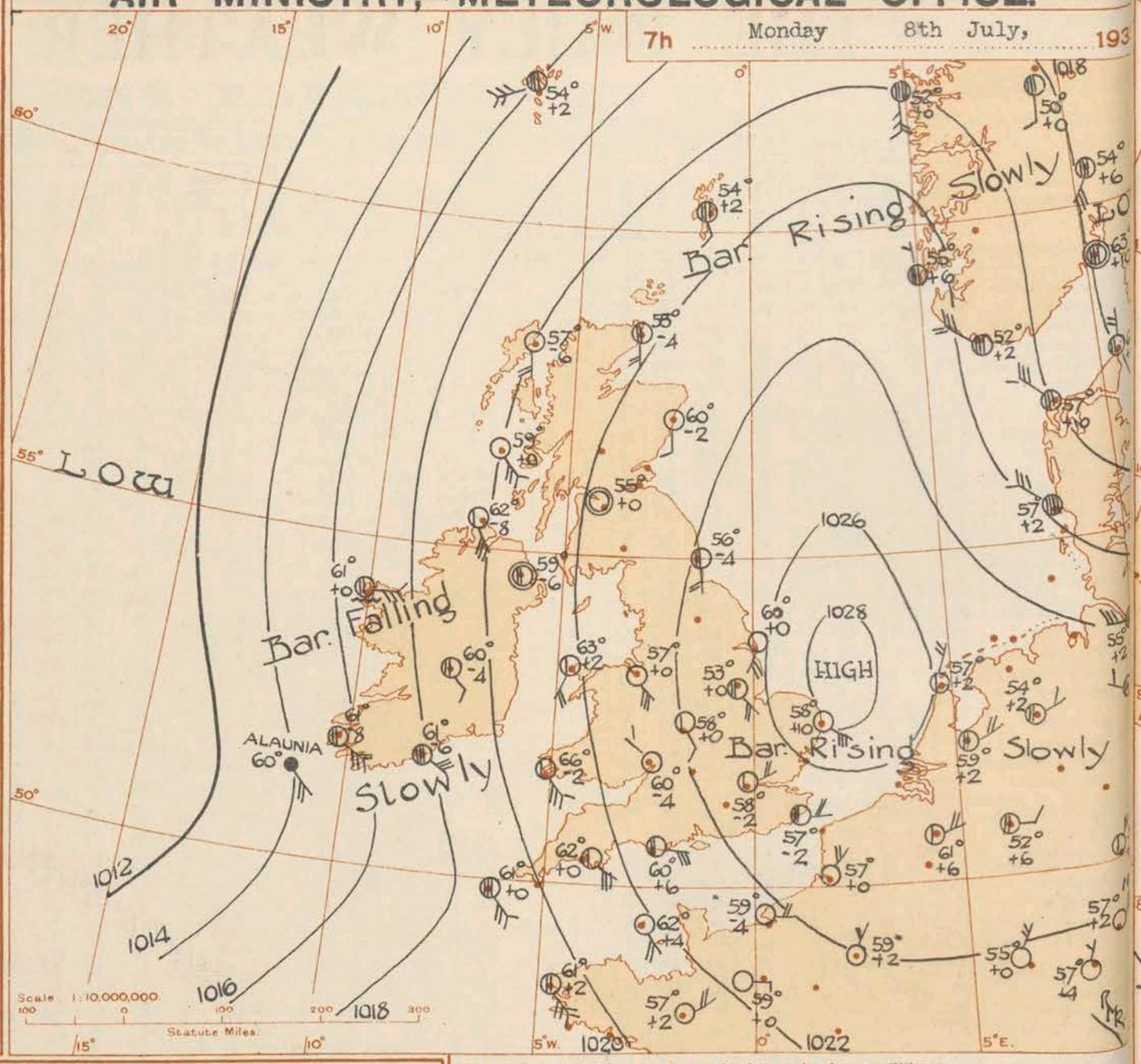
REPORTS from HEALTH RESORTS for 7th July, 1935.

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.	bbc	bcb	47	74	–	–	11·5	11·6
	Bournemouth	b	b	51	73	–	–	11·7	12·8
	Ventnor ...	bz	bz	(54)?	73	–	–	12·0	12·3
	Southsea ...	b	b	54	72	–	–	12·0	14·3
	Bognor Regis	b	b	56	70	–	–	12·0	13·7
	Littlehampton	bc	bc	53	70	–	–	12·0	14·0
	Worthing ...	b	bbc	55	70	–	–	10·9	13·7
	Brighton ...	b	bcb	54	68	–	–	10·2	12·1
	Eastbourne† ...	b	b	53	67	–	–	12·0	13·3
	Hastings† ...	bbc	bcb	53	67	–	–	12·1	11·1
	Folkestone ...	obc	b	53	66	–	–	7·6	12·9
	Dover ...	bcb	b	52	69	–	–	8·4	13·3
	Deal	obcb	b	54	69	–	–	8·5	12·6
	Ramsgate ...	bcb	b	59	66	–	–	8·2	11·5
	Margate ...	bcb	b	57	65	–	–	9·1	12·4
2	Southend ...	b	b	55	69	–	–	11·9	12·8
	Maldon ...	b	bv	53	68	–	–	12·0	11·0
	Clacton-on-Sea	bv	bv	60	65	–	–	9·9	10·9
	Dovercourt ...	bcv	b	60	65	–	–	10·7	10·3
	Lowestoft ...	bcb	b	52	66	–	–	9·9	10·7
	Skegness ...	bcb	b	54	64	–	–	12·3	10·6
	Mablethorpe...	bcv	bcbv	52	64	–	–	11·6	13·3
	Cleethorpes ...	bc	b	53	63	–	–	12·0	12·5
3	Leamington S.	b	b	~~59~~ 49	73	–	–	11·7	11·0
4	Cheltenham†	bz	bbc	46	75	–	–	10·7	13·8
5	Bath	b	b	49	75	–	–	12·0	14·4
	Weymouth ...	b	b	55	71	–	–	12·7	13·3
	Jersey ...	b	b	57	73	–	–	12·5	11·3
	Torquay ...	b	b	53	67	–	–	12·7	11·8
	Penzance ...	b	b	54	68	–	–	11·9	14·4
	St. Ives ...	b	b	54	70	–	–	11·9	15·0
	Bude... ...	bbc	bc	47	73	–	–	12·2	11·2
	Ilfracombe ...	bcb	bbc	56	69	–	–	12·5	13·6
6	Aberystwyth	bc	bc	50	67	–	–	12·6	14·8
7	Llanduduo ...	b	b	50	64	–	–	10·6	13·9
	Colwyn Bay...	bcb	b	56	64	–	–	9·8	11·8
	Rhyl	b	b	47	67	–	–	11·0	14·2
8	Wallasey ...	b	b	55	67	–	–	11·9	14·4
	Southport‖ ...	b	b	50	68	–	–	12·0	12·8
	Blackpool ...	bcb	b	52	67	–	–	11·5	12·2
	Morecambe ...	b	b	48	70	–	–	12·5	12·5
9	Ilkley... ...	b	b	46	72	–	–	11·2	12·7
	Harrogate ...	bzbc	b	47	70	–	–	10·8	12·5
10	Berwick-on-T.	cbcb	b	50	61	–	–	10·6	5·3
11	Dunbar ...	bc	bc	47	63	–	–	12·3	7·5
12	Troon... ...	cbb	b	49	65	–	–	12·4	6·8
	Douglas ...	cb bc	bc b	52	65	–	–	8·6	9·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday 8th July, 193



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light or moderate east or southeast wind; fine; rather warm.
4 W. Midlands ...	Light or moderate southeast or south wind; fine; warm.
5 S.W. England 6 South Wales ...	Moderate southeast or south wind, fresh locally; mainly fair, but perhaps local drizzle later; rather warm.
7 North Wales ... 8 N.W. England	Light or moderate southerly wind; fair; cloud probably increasing; rather warm or warm.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	As 4.
12 S.W. Scotland & Isle of Man.	As 6 - 8.
13 { A. W. Scotld. B.N.W. Scotland.	Moderate southerly wind, fresh or strong locally later; fine today, perhaps less settled later; rather warm or warm.
14 Mid Scotland 15 N. E. Scotland	As 4.
16 Orkneys and Shetlands	Light or moderate southerly wind, freshening; mainly fair; rather warm.
17 N. W. Ireland	Moderate or fresh southeast wind veering south or southwest; cloudy; occasional local drizzle; rather warm.
18 N. E. Ireland	As 6 - 8.
19 S. E. Ireland	As 5.
20 S. W. Ireland	As 17.

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

GENERAL INFERENCE.

An anticyclone centred off Holland is moving east slowly. A depression on the Atlantic is moving northeast. Weather will be fine, except for occasional drizzle or rain in the extreme West.

FURTHER OUTLOOK.

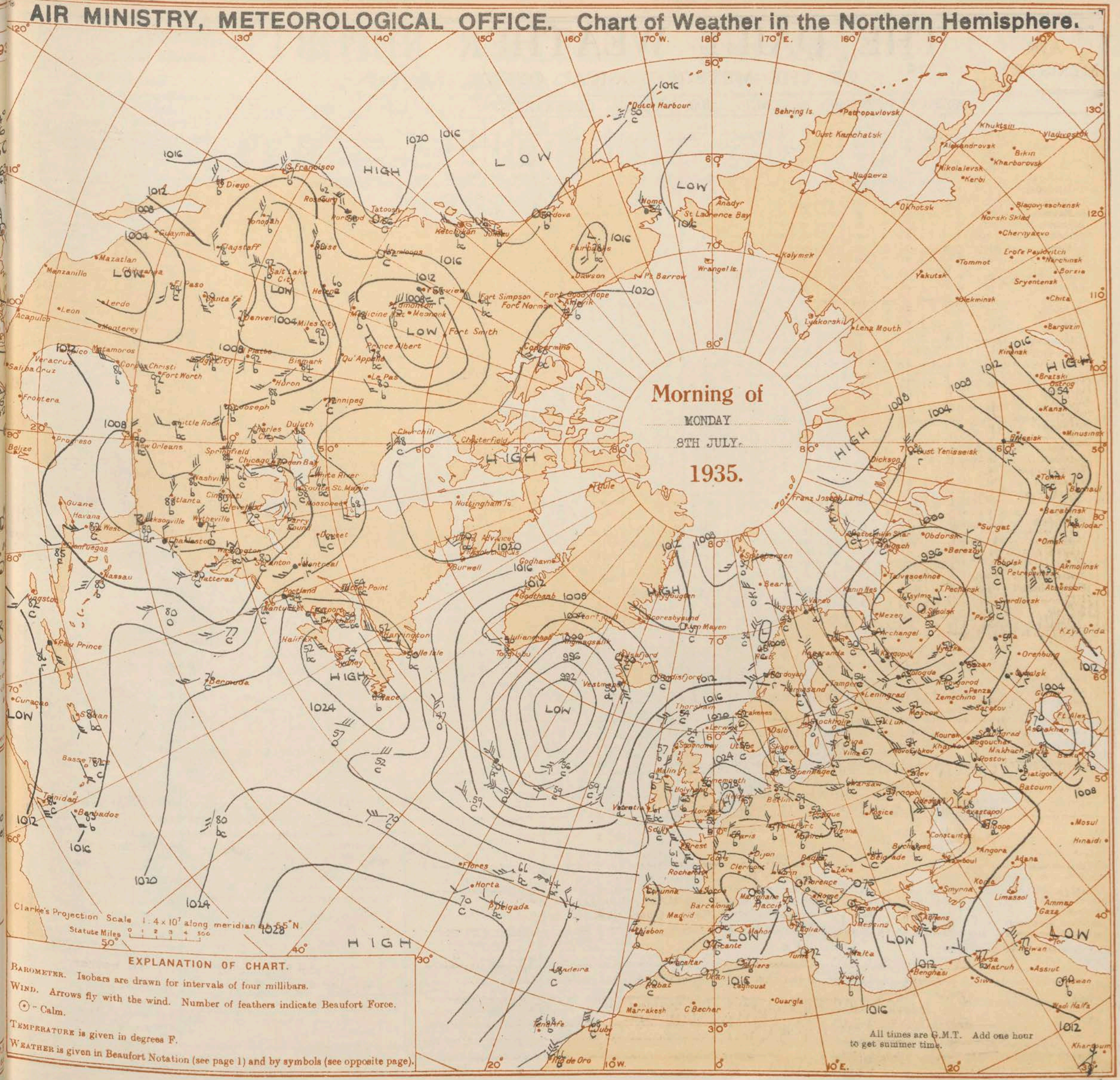
Fair in most districts, but rather unsettled in the West.

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. G.212 2904 Wt. 8081 D.6001 Gp. 908 2M 5/35

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 8th July, 1935.

No. 26891

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility. 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
		(1)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1025.2	+2	-	0	b	53	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1025.9	-2.	E'S	2	b	53	95	8	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026.3	0	-	0	bc	57	85	7	5	-	-	2-3	2-3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022.5	-4	ESE	3	b	59	95	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1020.3	-4	E	5	b	60	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1019.5	-10	ESE	4	b	59	85	7	-	4	-	0	Tr.	-
	Guernsey ..	175	1022.4	-2	-	0	b	59	95	6	-	-	-	0	0	-
6	Pembroke ...	142	1021.4	0	ESE	2	b	58	85	7	5	-	-	Tr.	Tr.	5700
7	Holyhead ...	26	1021.8	-8	-	0	b	58	95	8	5	-	-	Tr.	Tr.	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1026.0	0	SSE	3	bc	57	85	8	-	1	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026.9	0	S	2	bc	55	85	7	5	-	-	4-6	4-6	1600
11	Inchkeith ...	190	1023.8	-4	NNE	2	bc	56	95	7	6	-	-	2-3	2-3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1023.2	0	SE	1	bc	57	85	8	5	-	-	2-3	2-3	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021.4	-4	SSE	2	b	55	95	8	5	-	-	1	1	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021.9	-4	NW	2	c	51	95	8	5	1	-	4-6	10	1500
16	Lerwick ...	156	1021.7	+2	SW	3	c	52	95	7	5	2	-	7-8	9+	800
17	Blacksod Point	18	1018.3	0	-	0	bc	60	85	8	-	4	-	0	2-3	-
18	Malin Head ...	52	1021.0	-6	S'E	1	b	56	95	8	5	-	-	1	1	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1017.7	-6	S	3	c	61	95	8	5	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility. 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1025.2	0	E'S	2	b	59	75	7	-	-	1	0	Tr.	-	0	*
	Croydon ...	1024.6	-2	NE'E	2	b	58	85	7	1	-	-	Tr.	Tr.	2500	0	*
	S. Farnborough	1024.5	0	E	2	b	58	85	7	-	-	1	0	Tr.	-	0	*
	Boscombe Down	1023.8	0	E'S	2	b	57	85	7	-	-	-	0	0	-	0	*
	Calshot (Sthmtn.)	1024.1	+2	E'S	3	b	61	85	8	1	-	-	Tr.	Tr.	4000	1	1
	Lympne ...	1025.3	-2	E	2	bc	57	85	8	1	-	1	2-3	2-3	1500	0	§ 1
	Manston ...	1025.1	0	ENE	2	c	57	75	8	5	-	-	9	9	2500	0	*
2	Shoeburyness ...	1025.3	0	E	3	c	59	85	7	8	-	-	9	9	2500	0	*
	Felixstowe ...	1025.8	-2	NE'N	2	bc	56	85	8	5	-	-	4-6	4-6	4000	0	1
	Gorleston ...	1028.2	+10	E'S	3	bc	58	75	7	7	-	-	4-6	4-6	4000	0	2
	Mildenhall ...	1025.6	+4	SE	2	bc	60	75	8	1	3	-	1	2-3	2500	0	*
	Cranwell ...	1025.4	0	SE'E	2	bc	59	95	6	1	-	-	2-3	2-3	4000	0	*
3	Birmingham ...	1024.5	0	SSE	1	b	58	75	6	1	-	-	Tr.	Tr.	2500	0	*
	Upper Heyford	1024.5	-2	ESE	1	b	59	75	7	4	-	-	1	1	4000	0	*
4	Ross-on-Wye	1023.4	-4	NW	1	b	60	75	7	-	-	-	0	0	-	0	*
5	Portland Bill ...	1022.9	+6	E	3	bc	60	85	7	4	-	-	2-3	2-3	2500	0	3
	Plymouth ...	1021.2	0	E'S	3	b	62	75	7	7	-	-	1	1	4000	0	0
	The Lizard ...	1019.8	+4	SE'E	5	bc	61	95	7	7	7	-	4-6	4-6	4000	0	0
	Scilly (St. Mary's)	1018.3	0	SE'S	4	c	61	85	7	5	9	3	2-3	7-8	2500	0	2
	Guernsey ..	1022.1	+4	SE'S	2	b	62	75	7	-	-	-	0	0	-	0	1
6	Pembroke ...	1020.7	-2	SE	4	b	60	85	7	7	-	-	Tr.	Tr.	5700	0	2
7	Holyhead ...	1021.7	+2	S'W	2	b	63	75	7	5	-	-	1	1	4000	0	1
	Chester (Sealand)	1023.5	0	SE	3	30	57	85	5	-	-	-	0	0	-	0	*
8	Manchester ...	1023.9	0	S'W	1	30	61	75	6	-	-	-	0	0	-	0	*
10	Spurn Head ...	1025.5	0	SSW	2	bc	60	85	8	4	1	-	2-3	2-3	4000	0	1
	Catterick ...	1024.7	-4	S'W	2	b	55	85	7	1	-	-	Tr.	Tr.	4000	0	*
	Tynemouth ...	1023.5	-4	S	2	bc	56	85	6	5	-	-	4-6	4-6	1500	0	1
11	Inchkeith ...	1022.9	-2	NE	1	30	57	95	5	5	-	-	4-6	4-6	1500	0	0
	Leuchars ...	1022.9	-2	-	0	5F	54	95	6	-	-	-	0	0	-	0	*
12	Renfrew (Abbots I.)	1022.5	0	-	0	30	55	95	5	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1023.2	-2	-	0	b	57	95	7	-	-	-	0	0	-	1	*
	Point of Ayre ...	1022.6	0	SE	3	b	60	85	7	4	-	-	1	1	2500	0	2
13A	Tiree	1019.8	0	SE'S	4	b	59	85	7	-	-	-	0	0	-	0	3
13B	Stornoway ...	1020.0	-6	S	2	b	57	95	9	-	-	-	0	0	-	0	1
15	Dalwhinnie ...	1022.3	-4	S	2	b	61	75	8	-	-	-	0	0	-	0	*
	Aberdeen ...	1022.2	-2	S'E	1	30	60	75	6	-	-	-	0	0	-	0	0
	Wick ...	1021.3	-4	S	2	bc	55	95	8	5	1	-	4-6	4-6	2500	0	2
16	Lerwick ...	1021.7	+2	S'E	1	c	54	95	8	5	2	-	7-8	9+	800	0	*
17	Blacksod Point	1016.7	0	E	4	bc	61	75	8	-	4	5	0	4-6	-	0	4
18	Malin Head ...	1019.1	-8	S'E	3	b	62	75	8	5	-	3	Tr.	Tr.	4000	0	0
	Aldergrove ...	1021.1	-6	-	0	30	59	85	6	5	7	-	1	2-3	4000	0	*
19	Birr Castle ...	1019.1	-4	SE	1	bc	60	85	8	-	4	-	61	2-3	-	0	*
20	Valentia Obsy. †	1015.7	-8	ESE	5	bc	61	75	8	1	4	9	1	4-6	4000	10	3
	Roches Point	1017.9	-6	SE	3	c	61	85	8	5	3	9	4-6	7-8	2500	0	2

PAST 24 HOURS.

District	Stations	Temperatures. Max. Day 7h–18h °F.	Temperatures. Min. Night 18h–7h °F	Temperatures. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 7th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	73	52	42	-	-	13.3
	Croydon ...	73	48	43	-	Tr.	11.3
	S. Farnborough	73	46	33	-	-	10.3
	Boscombe Down	74	50	47	-	-	13.8
	Calshot (Sthmtn.)	74	57	55	-	-	14.7
	Lympne ...	65	46	41	-	-	11.7
	Manston ...	66	48	40	-	-	11.2
2	Shoeburyness ...	66	55	48	-	-	13.5
	Felixstowe ...	65	49	46	-	-	13.0
	Gorleston ...	63	51	50	-	-	13.2
	Mildenhall ...	72	46	51	-	-	10.5
	Cranwell ...	74	45	40	-	-	12.7
3	Birmingham ...	74	53	46	-	-	12.7
	Upper Heyford	73	50	41	-	-	*
4	Ross-on-Wye	73	53	42	-	-	13.7
5	Portland Bill ...	67	57	*	-	-	*
	Plymouth ...	71	57	53	-	-	14.8
	The Lizard ...	66	58	*	-	-	*
	Scilly (St. Mary's)	67	58	*	-	-	15.0
	Guernsey ..	68	57	54	-	-	15.1
6	Pembroke ...	67	56	*	-	-	14.5
7	Holyhead ...	66	56	49	-	-	15.3
	Chester (Sealand)	75	51	46	-	-	13.8
8	Manchester ...	75	51	44	-	-	12.7
10	Spurn Head ...	62	55	*	-	-	12.9
	Catterick ...	74	47	41	-	-	13.4
	Tynemouth ...	61	52	50	-	-	*
11	Inchkeith ...	62	54	45	-	-	10.6
	Leuchars ...	68	45	39	-	-	11.9
12	Renfrew (Abbots I.)	74	46	44	-	-	13.5
	Eskdalemuir ...	71	47	41	-	-	13.5
	Point of Ayre ...	63	54	*	-	-	13.4
13A	Tiree	65	53	50	-	-	8.7
13B	Stornoway ...	63	54	*	-	-	7.7
15	Dalwhinnie ...	72	48	39	-	-	14.5
	Aberdeen ...	64	51	44	-	-	13.6
	Wick ...	60	42	*	-	-	*
16	Lerwick ...	55	51	*	Tr.	-	0.5
17	Blacksod Point	71	55	*	-	-	
18	Malin Head ...	66	53	*	-	-	
	Aldergrove ...	71	50	43	-	-	13.7
19	Birr Castle ...	73	48	39	-	-	13.5
20	Valentia Obsy. †	75	60	56	-	-	13.7
	Roches Point	65	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.	Humidity. 15h. G.M.T % (Yesterday.)	Humidity. 9h. G.M.T % (To-day.)	Visibility 9h.
Kew	18	bc30	bcy	bbmw	73	52	42	-	-	13.3	*	*	6
Croydon	217	bc30	bcyc	bybmw	73	48	43	-	Tr.	11.3	*	*	8
Greenwich (Royal Observatory)...	149	by	by	bwc	73	47	34	-	Tr.	14.0	50	73	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	13.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	73	*	*	-	-	13.0	45	67	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	74	53	48	-	-	13.2	51	75	*
Camden Square	110	bcc	cbcb	*	77	53	46	-	-	*	*	69	*
Kensington	80	bc	bc	*	75	52	47	-	-	12.3	At 18h. 55	66	*
Hampstead Observatory	450	bc	bc	b	71	51	42	-	-	12.8	*	76	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.1	6h 8h	0.0	15h 7h

Kew Observatory.

Max.	Time.	Min.	Time.
0.1	9h 7h	<0.1	16h 7h

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 7th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 8th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1023.3	NE	2	b	68	1023.9	NNE	2	b	59
Brussels	1024.0	NNW	4	b	64	1024.3	ENE	2	b	61
Berlin	1021.3	W	2	c	63	1025.0	NW	1	c	59
Zürich						1020.0	N	2	b	55
Rome	1013.0	S	3	bc	77	1014.9	SE	4	c	79

Stations	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	72	48	-	-
Brussels	*	48	*	-
Berlin	64	54	-	-
Zürich		50		-
Rome	*	*	-	2

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 9th July, 1935.

No. 26892

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1022·3	-12	E	2	bc	68	55	8	1	-	-	4·6	4·6	4000
	Croydon ...	1022·8	-10	ENE	3	b	67	55	8	1	-	-	1	1	4000
	S. Farnborough	1022·3	-14	E'N	2	bc	71	45	7	1	-	-	2·3	2·3	4000
	Boscombe Down	1021·8	-10	E	2	bc	69	55	7	7	-	-	4·6	4·6	2500
	Calshot (Sthmtn.)	1022·5	-12	ESE	4	bc	65	75	8	7	-	-	2·3	2·3	4000
	Lympne ...	1023·6	-12	E'N	2	b	64	55	8	1	-	-	Tr	Tr	4000
	Manston ...	1023·7	-10	NE	3	b	64	65	8	7	-	-	1	1	2500
2	Shoeburyness ...	1024·3	-8	E	3	bc	64	65	8	8	-	-	2·3	2·3	2500
	Felixstowe ...	1024·5	-10	E'S	3	bc	64	55	8	8	-	-	2·6	2·6	2500
	Gorleston ...	1025·5	-4	E	3	bc	61	65	7	-	3	1	0	2·3	-
	Mildenhall ...	1023·2	-14	E'N	3	b	69	45	7	1	-	-	Tr	Tr	4000
	Cranwell ...	1023·4	-14	E	2	b	74	45	8	1	-	-	Tr	Tr	4000
3	Birmingham ...	1022·2	-6	ESE	2	bc	69	45	8	5	-	-	4·6	4·6	2500
4	Upper Heyford	1022·5	-14	ESE	2	c	70	45	8	1	-	-	7·8	7·8	4000
	Ross-on-Wye	1021·6	-10	SE	2	bc	71	45	8	1	-	-	4·6	4·6	4000
5	Portland Bill ...	1021·7	-6	ESE	4	bc	60	95	8	4	-	-	2·3	2·3	2500
	Plymouth ...	1020·7	-6	ESE	4	bc	68	55	8	1	-	2S	2·3	4·6	4000
	The Lizard ...	1019·6	-2	E'S	4	bc	66	75	8	7	4	1	1	4·6	4000
	Scilly (St.Mary's)	1018·4	0	SE	4	bc	66	65	7	-	9	-	0	4·6	-
	Guernsey ...	1021·0	-8	E'S	4	bc	65	75	8	-	3	-	0	4·6	-
6	Pembroke ...	1019·6	-4	SE'S	4	bc	68	65	7	7	-	-	2·3	2·3	5700
7	Holyhead ...	1020·7	-8	SW'S	3	b	72	55	7	1	-	-	Tr	Tr	4000
	Chester(Sealand)	1022·2	-8	SE	3	bc	75	45	6	1	-	-	2·3	2·3	4000
8	Manchester ...	1021·8	-14	SSW	3	bc	76	45	7	1	-	-	2·3	2·3	4000
10	Spurn Head ...	1024·6	-2	SE	4	bc	62	75	8	-	1	-	0	2·3	-
	Catterick ...	1022·3	-14	S'E	2	b	75	45	7	-	-	-	0	0	-
	Tynemouth ...	1022·4	-4	SE	3	bc	59	85	7	5	-	-	4·6	4·6	1500
11	Inchkeith ...	1021·9	-8	NE	3	bc	62	95	7	5	4	-	4·6	4·6	1500
	Leuchars ...	1021·3	-10	S	3	b	72	65	7	1	-	1	Tr	1	4000
12	Renfrew (Abbots I.)	1020·3	-10	SSE	2	bc	74	55	7	2	-	-	4·6	4·6	4000
	Eskdalemuir ...	1021·0	-6	SSW	2	bc	72	55	7	1	-	-	4·6	4·6	5700
	Point of Ayre...	1021·3	0	SSE	3	b	63	65	8	-	-	-	0	0	-
13A	Tiree	1018·6	-2	SE'S	5	b	67	75	7	-	-	-	0	0	-
13B	Stornoway ...	1018·8	-6	SSE	3	b	65	65	7	-	-	-	0	0	-
15	Dalwhinnie ...	1020·5	-6	S	2	bc	70	65	8	-	7	-	0	4·6	-
	Aberdeen ...	1021·3	-4	S'E	4	3c	68	65	6	-	-	-	0	0	-
	Wick ...	1019·9	-10	SE	2	6c	61	85	8	5	1	-	2·3	4·6	2500
16	Lerwick ...	1021·4	-4	S	3	b	56	95	8	1	-	-	Tr	Tr	2500
17	Blacksod Point	1016·2	-8	S	4	b	72	55	8	1	-	-	1	1	4000
18	Malin Head ...	1017·3	-10	S'E	4	c	74	65	7	2	-	-	7·8	7·8	4000
	Aldergrove ...	1019·6	-6	SES	3	3c	71	55	6	1	-	-	Tr	Tr	4000
19	Birr Castle ...	1017·7	-8	SSE	2	bc	74	65	7	4	-	-	4·6	4·6	4000
20	Valentia Obsy. †	1015·9	+6	S'W	5	bc	66	85	8	7	-	-	4·6	4·6	1500
	Roches Point	1017·5	-4	SE	3	bc	64	85	8	-	3	4	0	2·3	-

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020·8	-14	E'S	3	bc	68	55	8	7	-	-	2·3	2·3	4000	0	*
	Croydon ...	1020·9	-10	ENE	3	b	67	55	8	1	-	-	Tr	Tr	4000	0	*
	S. Farnborough	1020·4	-10	SE	2	b	69	55	8	7	7	-	1	1	4000	0	*
	Boscombe Down	1020·2	-6	S'E	4	b	66	65	7	1	-	1	Tr	Tr	4000	0	*
	Calshot (Sthmtn.)	1020·5	-10	ESE	4	bc	65	65	8	7	4	-	Tr	2·3	4000	0	*
	Lympne ...	1022·2	-2	NEE	3	b	61	75	8	-	-	-	0	0	-	0	3
	Manston ...	1021·8	-14	NE	4	b	61	75	8	-	-	1	0	Tr	-	0	*
2	Shoeburyness ...	1022·4	-6	E'N	3	b	62	75	8	-	-	-	0	0	-	0	*
	Felixstowe ...	1022·8	-14	ENE	5	b	62	65	8	-	-	1	0	Tr	-	0	2
	Gorleston ...	1023·5	-10	E'N	4	bc	60	75	7	-	-	1	0	2·3	-	0	2
	Mildenhall ...	1021·8	-8	SE	3	b	66	55	8	-	-	1	0	Tr	-	0	*
	Cranwell ...	1021·4	-12	E'N	2	b	69	55	8	1	-	-	Tr	Tr	4000	0	*
3	Birmingham ...	1020·2	-10	SE	2	bc	71	45	8	1	-	-	4·6	4·6	2500	0	*
4	Upper Heyford	1020·5	-10	SSE	1	b	69	45	8	1	-	-	1	1	5700	0	*
	Ross-on-Wye	1019·5	-10	SE	2	3c	69	55	6	7	-	-	4·6	4·6	4000	0	*
5	Portland Bill ...	1019·6	-12	E	4	bc	60	95	8	4	-	1	2·3	4·6	2500	0	3
	Plymouth ...	1019·4	-8	ENE	4	pc	62	55	8	8	8	1	4·6	7·8	4000	0	1
	The Lizard ...	1018·3	-6	E'S	4	pc	60	85	8	4	6	-	7·8	9	1500	1	2
	Scilly (St.Mary's)	1017·7	-6	SE	4	c	62	75	7	5	9	-	2·3	7·8	2500	0	2
	Guernsey ...	1019·9	-10	E	3	bc/pc	60	85	7	8	7	-	4·6	4·6	4000	0	2
6	Pembroke ...	1018·4	-8	SSE	3	bc	63	65	8	7	7	-	2·3	4·6	5700	0	1
7	Holyhead ...	1019·6	-4	-	0	bc	66	65	7	4	8	-	2·3	4·6	5700	0	1
	Chester(Sealand)	1019·7	-10	SE	3	b	73	45	6	1	-	-	1	1	4000	0	*
8	Manchester ...	1019·5	-12	S	3	b	74	45	7	1	4	-	Tr	1	4000	0	*
10	Spurn Head ...	1022·4	-8	SE	5	bc	60	75	8	-	-	8	0	2·3	-	0	4
	Catterick ...	1020·6	-6	SSE	3	b	69	55	9	-	-	-	0	0	-	0	*
	Tynemouth ...	1021·0	-8	SE	3	bc	57	75	7	5	-	-	2·3	2·3	800	0	2
11	Inchkeith ...	1019·7	-16	NNE	2	bc	59	85	7	5	3	-	2·3	4·6	1500	0	1
	Leuchars ...	1019·2	-12	E	2	b	70	75	7	-	-	-	0	0	-	0	*
12	Renfrew (Abbots I.)	1018·9	-6	SSW	3	3c	70	55	6	-	-	-	0	0	-	0	*
	Eskdalemuir ...	1019·1	-10	WSW	3	b	71	55	7	-	-	-	0	0	-	1	*
	Point of Ayre...	1019·3	-14	S'E	1	b	70	65	8	-	-	-	0	0	-	0	0
13A	Tiree	1016·5	-8	SE'S	4	b	63	75	7	-	-	-	0	0	-	0	3
13B	Stornoway ...	1016·1	-14	SSE	3	b	63	75	7	-	-	-	0	0	-	0	1
15	Dalwhinnie ...	1018·4	-8	S	3	3c	71	45	7	-	4	-	0	1	-	0	*
	Aberdeen ...	1020·0	-4	S	4	3c	63	65	6	-	-	-	0	0	-	0	1
	Wick ...	1017·4	-12	SE	2	bc	61	85	7	5	-	-	2·3	2·3	1500	0	2
16	Lerwick ...	1019·6	-10	S	3	b	56	95	7	5	-	-	Tr	Tr	1500	0	*
17	Blacksod Point	1013·3	-12	S	4	b	66	65	8	1	-	-	1	1	4000	0	3
18	Malin Head ...	1014·9	-8	S'E	4	bc	72	75	7	2	8	-	2·3	2·3	4000	0	0
	Aldergrove ...	1017·8	-10	SSE	4	3c	69	55	7	-	3	1	0	1	-	0	*
19	Birr Castle ...	1017·2	+2	SSE	3	bc	70	65	7	-	7	-	0	2·3	-	0	*
20	Valentia Obsy. †	1015·4	-2	SSE	4	c	64	85	8	5	-	-	9+	9+	1500	0	2
	Roches Point	1016·9	-2	SE	3	c	62	95	8	5	-	-	9+	9+	1500	0	3

PAST 24 HOURS.

District	Stations (For heights see p. 4.)	Weather. 7h.—13h. ...8th... (37)	Weather. 13h.—18h. 8th (38)	Weather. 18h. 8th to 1h. 9th (39)	Weather. 1h.—7h. 9th (40)
1	London (Kew)	bc	by	b	bmo
	Croydon ...	bbcby	byvbc	bybmow	bbcmow
	S. Farnborough	bbcy	bby	yb	bwbcm
	Calshot (Sthmtn.)	bbcy	bcyb	bmo	bcmo
	Lympne ...	bbcb	b	bbcw	cwc
	Manston ...	b,cby	byb	bw	bwb,c
		cb	b	b	bbcmo
2	Shoeburyness ...	bbc	b	b	bwc
	Felixstowe ...	bbybcy	bcybyv	bvb	bbc
	Gorleston ...	bc	bc	b	bbc
	Mildenhall ...	bcb	by	by	bwbc
	Cranwell ...	by	by	b	bwFe
3	Birmingham ...	bbc	bc	bcb	b
4	Upper Heyford	bwbcy	bcby	bymo	bmwmF
	Ross-on-Wye	bbc	bcy	bczbz	bmow
5	Portland Bill ...	bbc	bc	C	proc
	Plymouth ...	bbcy	bcycpr,	cyprobc	bcb
	The Lizard ...	bc	bcpr,	cpr6bc	bc
	Scilly (St.Mary's)	cbc	bcbc	Cbc	bccbc
	Guernsey ...	bbc	bccpo	bcoir	rcbc
6	Pembroke ...	bbc	bcobc	bc	bc
7	Holyhead ...	by	bycbc	bcwb	bw
	Chester(Sealand)	b3	bc3oy	bmo	bm3w
8	Manchester ...	b3o by	bcby	bybzo	bwmo
10	Spurn Head ...	bc	bc	bc	bcw
	Catterick ...	by	by	b	bofebcw
	Tynemouth ...	bc	bc	bc	bc
11	Inchkeith ...	3obc	bc	bc	cbczo
	Leuchars ...	b3obc	b3o6	bbcnow	bcwomo
12	Renfrew (Abbots I.)	b3obc3o	bc63oy	bbcc	cbcbwm
	Eskdalemuir ...	b3obcy	bcyby	bybc	bw
	Point of Ayre...	bcb	b3o	bcb	obc
13A	Tiree	b	b	b	bbc
13B	Stornoway ...	b	b	bbc	bc
15	Dalwhinnie ...	bc	bc	*	bc
	Aberdeen ...	b3o	b3o	bzow	bmow
	Wick ...	bc	bc	bc	bc
16	Lerwick ...	bbc	bcb	c	c
17	Blacksod Point	bcc	cbc	bc	bcc
18	Malin Head ...	b3oy	b3oy	bbc	bcw
	Aldergrove ...	bc	bc	bc	bcc
19	Birr Castle ...	bcbbc	bcc	probc	bccv
20	Valentia Obsy. †	cbc	bcc	ccdoc	c
	Roches Point				

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.— FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† Sea disturbance reported from Dungeness.

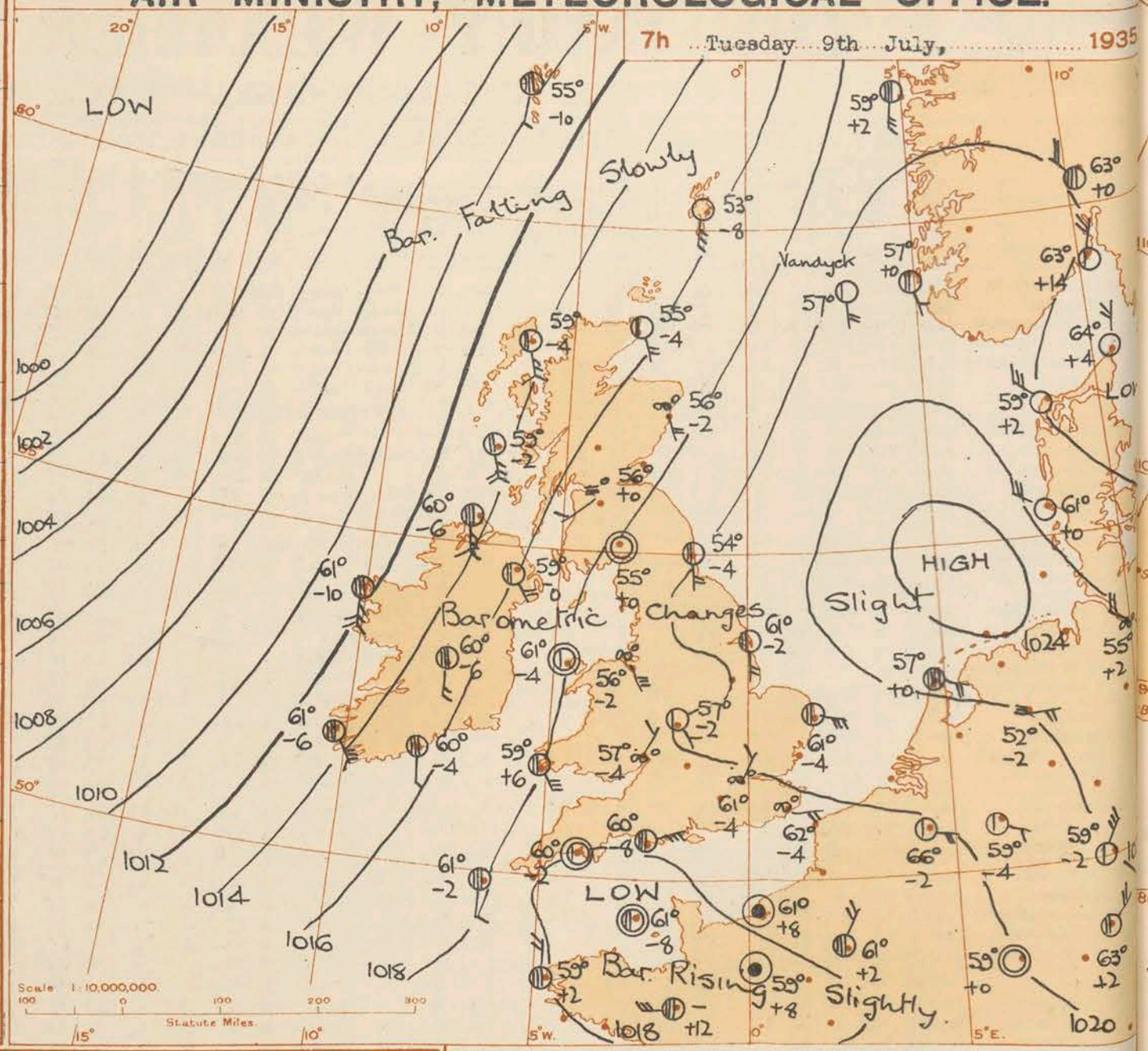
REPORTS from HEALTH RESORTS for 8th July, 1935.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min 9h. 7h. to 9h. 8h.	Temperature. Max. 9h.—17h. 8h.	Rainfall. Night. 17h. 7h. to 9h. 8h.	Rainfall. Day. 9h.—17h. 8h.	Sunshine. Sunrise to 17h. 8h.	Sunshine. Sunrise to Sunset. 7h.
1	Tunbridge W.	c b c b	b	47	73	-	-	12·2	13·9
	Bournemouth	b	b b	57	69	-	-	13·0	13·8
	Ventnor ...	b	b b	57	67	-	-	12·2	13·9
	Southsea ...	b	b b	56	67	-	-	12·2	13·6
	Bognor Regis	b	b	53	66	-	-	12·3	13·4
	Littlehampton	b c b	b	51	68	-	-	12·5	12·7
	Worthing ...	b	b b	52	67	-	-	12·3	12·5
	Brighton ...	b	b b	52	70	-	-	11·8	12·4
	Eastbourne† ...	b c y b	b b	52	66	-	-	12·3	14·4
	Hastings† ...	c b c b	b	53	67	-	-	12·2	14·4
	Folkestone ...	b c	b	52	65	-	-	11·3	10·4
	Dover ...	b c b	b b	52	68	-	-	12·8	10·8
	Deal	b	b b	55	69	-	-	12·7	10·9
	Ramsgate ...	b c b	b b	56	65	-	-	10·5	10·4
	Margate ...	b c b	b	54	64	-	-	11·8	11·6
2	Southend ...	b c b	b b	54	66	-	-	9·1	14·3
	Maldon ...	b	b v	46	66	-	-	11·8	14·5
	Clacton-on-Sea	b c v	b c b v	55	64	-	-	9·9	12·5
	Dovercourt ...	c c v	b b	55	65	-	-	11·0	13·2
	Lowestoft ...	b	b	47	64	-	-	12·8	12·6
	Skegness ...	b c b	b b	54	63	-	-	12·2	14·7
	Mablethorpe...	b c b v	b v	49	63	-	-	11·6	13·7
	Cleethorpes ...	b c v	b	49	64	-	-	11·7	14·4
3	Leamington S.	b	b c b	51	73	-	-	10·7	14·0
4	Cheltenham†	b	b	54	74	-	-	12·3	12·6
5	Bath	b	b b c	54	73	-	-	12·1	13·8
	Weymouth ...	b	b	55	64	-	-	12·1	15·4
	Jersey ...	b c	b c c	58	71	-	-	11·8	15·3
	Torquay ...	b 3	b b c	57	65	-	-	10·0	15·3
	Penzance ...	b b c b	b c p	59	67	-	0·4	6·3	14·0
	St. Ives ...	b	c	59	69	-	-	8·0	15·4
	Bude... ...	b	b b c	54	72	-	-	12·0	15·0
	Ilfracombe ...	c b c b	b b c	60	71	-	-	12·5	13·3
6	Aberystwyth	b c	b c	57	74	-	-	11·6	15·3
7	Llandudno ...	b	b b c b	57	77	-	-	11·3	13·2
	Colwyn Bay...	b	b c b	56	76	-	-	11·3	12·4
	Rhyl	b	b	53	76	-	-	11·6	13·3
8	Wallasey ...	m b	b	57	76	-	-	11·4	14·8
	Southport‖ ...	b 3	b b c	53	77	-	-	10·0	13·5
	Blackpool ...	b	b c c b c	53	74	-	-	10·2	13·4
	Morecambe ...	b c 3 b c	b c	56	75	-	-	10·0	14·2
9	Ilkley... ...	b	b	46	75	-	-	11·2	13·5
	Harrogate ...	b	b	45	73	-	-	11·0	12·8
10	Berwick-on-T.	b	b	49	64	-	-	11·5	13·0
11	Dunbar ...	b c	b c	52	76	-	-	12·0	14·9
12	Troon... ...	b b c b	b 3 b	56	72	-	-	11·0	14·9
	Douglas ...	c b b c	b 2	56	70	-	-	9·4	11·4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 9th July, 1935



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. 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. 9th July, 1935.
1 S.E. England	Light easterly or variable wind; mainly fair, but local thundery showers or occasional rain chiefly near the coast; rather warm.
2 E. England ...	
3 E. Midlands ...	Light easterly or variable wind; mainly fine, but possibly local thundery rain later; warm.
4 W. Midlands ...	Light southerly wind; fine or fair; warm.
5 S.W. England	Light variable to moderate southerly wind; mainly fair, but perhaps local showers; rather warm.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light or moderate southeast or south wind; mainly fine or fair; warm.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light or moderate southerly wind; mainly fair, but tending to become less settled; warm.
13 A. W. Scotld. / B.N.W. Scotland.	Moderate or fresh south to southwest wind; cloudy, some rain; rather warm then cooler.
14 Mid Scotland	Light or moderate southerly wind; mainly fine, but perhaps local rain later; warm.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Moderate or fresh south or southwest wind; cloudy, occasional rain; rather warm then cooler.
18 N. E. Ireland	
19 S. E. Ireland	Moderate south or southwest wind; bright intervals at first, perhaps occasional rain later; rather warm.
20 S. W. Ireland	As 17.

GENERAL INFERENCE.

An anticyclone over Germany is weakening. A trough of low pressure is approaching from the Atlantic and a shallow depression over North France will move northeast and fill up. Weather will be mainly fine or fair, but some rain is probable later in the extreme West and occasional showers or thundery rain locally.

FURTHER OUTLOOK.

Less settled; perhaps local thunder; cooler in the West and North.

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. G.212 2304 1w. 8081. 0. 6001 Gp. 908. 29760. 7/35

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

Morning of

TUESDAY

9th JULY,

1935.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 9th July, 1935.

No. 26892

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020·3	-10	ENE	1	3o	55	95	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	10208	-10	E	3	b	58	85	7	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	10229	0	E'S	4	b	60	85	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1018·6	+10	E	3	c	59	95	8	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	10182	0	E'S	1	bc	56	95	8	4	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	10184	0	SSE	2	bc	58	95	7	5	-	-	4-6	4-6	2500
	Guernsey ..	175	1018·5	-14	-	0	c/r	59	95	7	8	-	-	7-8	7-8	2500
6	Pembroke ...	142	10184	0	S'E	1	bc	56	85	7	5	-	-	2-3	2-3	4000
7	Holyhead ...	26	1018·8	+2	-	0	b	55	95	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021·5	0	S	5	bc	57	85	8	-	2	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1020·3	-4	S	2	bc	54	85	6	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	10190	-2	SW	1	bc	59	95	6	5	3	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	10187	-2	SW	1	b	55	85	8	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1015·0	-8	SSE	2	bc	59	75	7	5	7	-	2-3	4-6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1016·1	-2	S	2	bc	57	95	7	5	1	-	4-6	4-6	1500
16	Lerwick ...	156	1017·6	-4	SW	1	bc	53	95	6	5	-	-	2-3	2-3	800
17	Blacksod Point	18	1013·0	-4	S	5	c	60	85	8	-	7	-	0	9+	-
18	Malin Head ...	52	1015·1	+2	SE	4	bc	60	75	7	5	-	2	1	2-3	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1014·9	-10	SW	4	c	60	95	7	8	-	-	9	9	800
	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)	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	E	2	3o	63	85	5	-	-	1	0	1	-	0	*
	Croydon ...	1019·4	-4	NE'N	1	3o	61	85	6	-	3	2	0	4-6	-	0	*
	S. Farnborough	1019·5	-4	-	0	3o	61	85	5	-	3	2	0	4-6	-	0	*
	Boscombe Down	1019·4	+2	ENE	1	3o	57	85	6	-	3	-	0	4-6	-	0	*
	Calshot (Sthmtn.)	1018·9	+2	NE	1	pro	62	85	7	5	7	-	4-6	9+	2500	1	1
	Lympne ...	1019·7	-4	E'S	2	3o	62	75	6	-	7	2	0	7-8	-	0	§0
	Manston ...	1019·7	-2	ESE	2	3o	62	85	6	-	-	8	0	4-6	-	0	*
2	Shoeburyness ...	1019·7	-2	ESE	2	bc	65	85	7	-	-	8	0	4-6	-	0	*
	Felixstowe ...	1020·6	-2	E'S	3	bc	64	75	7	-	-	6	0	4-6	-	0	2
	Gorleston ...	1021·5	-4	ESE	3	bc	61	85	7	-	7	-	0	2-3	-	0	2
	Mildenhall ...	1020·6	-2	SE	3	bc	62	85	7	5	1	-	2-3	4-6	2500	0	*
	Cranwell ...	1019·9 (21·1)	-4	ESE	1	3o	54	95	6	-	7	-	0	Tr	-	0	*
3	Birmingham ...	1020·2	-2	SE	1	b	67	75	6	-	-	1	0	Tr	-	0	*
	Upper Heyford	1020·2	-2	-	0	of-	54	95	3	5	-	-	10	10	<150	0	*
4	Ross-on-Wye	1019·3	-4	NE	1	3o	57	85	6	-	-	-	0	0	-	0	*
5	Portland Bill ...	1018·0	-8	E	3	c	60	95	7	4	4	-	4-6	7-8	2500	1	2
	Plymouth ...	1017·7	-2	-	0	b	60	75	7	-	-	1	0	Tr	-	0	1
	The Lizard ...	1017·6	0	ENE	1	bc	58	95	8	4	6	-	4-6	4-6	2500	0	2
	Scilly (St. Mary's)	1017·8	-2	S	1	c	61	95	7	8	4	3	7-8	9	1500	0	1
	Guernsey ..	1017·6	-8	-	0	bc	61	95	7	5	-	-	4-6	4-6	1500	1	1
6	Pembroke ...	1017·0	+6	SE	3	bc	59	85	8	5	-	-	2-3	2-3	4000	0	1
7	Holyhead ...	1017·9	-4	-	0	b	61	75	7	-	-	1	0	1	-	0	0
	Chester (Sealand)	1019·5	-2	SE	3	3o	56	85	6	-	-	-	0	0	-	0	*
8	Manchester ...	1019·7	-2	SE'S	2	3o	60	75	6	-	-	-	0	0	-	X0	*
10	Spurn Head ...	1021·1	-2	S	2	bc	61	85	8	-	2	-	0	2-3	-	0	1
	Catterick ...	1020·2	-4	S	2	3o	52	95	5	5	-	-	4-6	4-6	450	0	*
	Tynemouth ...	1018·9	-4	S	2	bc	54	85	6	5	-	-	2-3	2-3	1500	0	1
11	Inchkeith ...	1018·0	-2	SW	1	3o	55	95	5	5	-	-	4-6	4-6	800	0	1
	Leuchars ...	1017·6	-6	W	1	b	55	95	6	-	-	1	0	Tr	-	0	*
12	Renfrew (Abbotsl.)	1017·5	0	SW	1	m	56	95	4	-	-	1	0	Tr	-	0	*
	Eskdalemuir ...	1018·6	0	-	0	b	55	85	7	-	-	-	0	0	-	1	*
	Point of Ayre...	1018·1	-2	SW	1	b	61	75	8	-	-	3	0	1	-	0	1
13A	Tiree	1013·8	-2	SSE	4	bc	59	75	7	-	5	8	0	4-6	-	0	3
13B	Stornoway ...	1013·2	-4	SSE	4	bc	59	75	8	5	4	-	2-3	4-6	2500	0	2
15	Dalwhinnie ...	x	-4	SSW	3	bc	60	65	7	-	7	-	0	4-6	-	0	*
	Aberdeen ...	1017·1	-2	S'E	2	3o	56	85	6	-	-	-	0	0	-	0	1
	Wick ...	1015·7	-4	SSE	2	bc	55	95	7	5	7	-	4-6	4-6	1500	0	2
16	Lerwick ...	1015·5	-8	S'W	3	b	53	95	7	-	-	-	0	0	-	0	*
17	Blacksod Point	1011·4	-10	S	5	c	61	85	8	8	-	-	7-8	7-8	2500	0	3
18	Malin Head ...	1013·8	-6	S'E	4	c	60	95	7	2	4	2	2-3	9	2500	0	0
	Aldergrove ...	1016·0	-10	SE	2	bc	59	75	7	7	4	6	2-3	4-6	4000	0	*
19	Birr Castle ...	1014·9	-6	S	2	c	60	85	8	8	1	-	7-8	9+	2500	0	*
20	Valentia Obsy. †	1013·7	-6	SE	4	c	61	85	9	5	7	-	4-6	9	1500	0	2
	Roches Point	1015·8	-4	S	1	c	60	95	8	5	-	-	7-8	7-8	1500	1	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 8th ... Hrs. (36)
1	London (Kew)	71	57	49	-	-	14.8
	Croydon ...	70	51	46	-	Tr	14.6
	S. Farnborough	73	48	37	-	-	14.4
	Boscombe Down	72	52	45	-	-	14.4
	Calshot (Sthmtn.)	67	58	53	-	Tr	14.3
	Lympne ...	66	55	53	-	-	14.0
	Manston ...	65	57	54	-	-	13.6
2	Shoeburyness ...	65	55	47	-	-	13.6
	Felixstowe ...	65	58	56	-	-	13.2
	Gorleston ...	61	58	57	-	-	15.5
	Mildenhall ...	71	45	42	-	Tr	14.8
	Cranwell ...	75	42	37	-	-	13.5
3	Birmingham ...	73	51	39	-	-	14.3
	Upper Heyford	71	48	41	-	-	*
4	Ross-on-Wye	73	48	38	-	-	12.0
5	Portland Bill ...	61	58	*	-	0.2	*
	Plymouth ...	69	54	49	Tr	Tr	10.7
	The Lizard ...	67	55	*	Tr	Tr	*
	Scilly (St. Mary's)	67	57	*	-	-	7.6
	Guernsey ..	67	58	56	Tr	1	10.5
6	Pembroke ...	68	54	*	-	-	14.3
7	Holyhead ...	72	52	44	-	-	13.0
	Chester (Sealand)	77	49	43	-	-	13.5
8	Manchester ...	76	48	40	-	-	13.1
10	Spurn Head ...	63	55	*	-	Tr	14.0
	Catterick ...	76	46	42	-	-	14.8
	Tynemouth ...	61	52	48	-	-	*
11	Inchkeith ...	65	55	45	-	-	12.5
	Leuchars ...	74	46	40	-	-	12.5
12	Renfrew (Abbotsl.)	77	47	44	-	-	12.6
	Eskdalemuir ...	73	45	39	-	-	13.2
	Point of Ayre...	73	50	x	-	-	13.6
13A	Tiree	67	55	53	-	-	15.0
13B	Stornoway ...	68	57	*	-	-	14.0
15	Dalwhinnie ...	73	46	36	-	-	14.3
	Aberdeen ...	70	52	48	-	-	14.1
	Wick ...	63	52	*	-	-	*
16	Lerwick ...	58	52	*	-	-	13.0
17	Blacksod Point	73	58	*	-	-	*
18	Malin Head ...	75	54	*	-	-	14.5
	Aldergrove ...	73	50	42	-	-	14.6
19	Birr Castle ...	74	54	48	-	-	12.6
20	Valentia Obsy. †	71	58	53	-	Tr	9.6
	Roches Point	65	59	*	-	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.	Weather Afternoon.	Weather Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T %	Humidity. 9h. G.M.T %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.	To-day.		
Kew	18	bc	by	obmo	71	57	49	-	-	14.8	*	*	6
Croydon	217	bbcby	byvbc	bybcmw	70	51	46	-	Tr	14.6	*	*	6
Greenwich (Royal Observatory)...	149	cbcy	bcby	bmwjo	71	52	40	-	Tr	14.5	48	59	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	13.5	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	70	58	53	-	-	14.2	45	61	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	71	55	51	-	-	13.2	53	65	*
Camden Square	110	bcb	b	*	75	54	47	-	-	*	*	63	*
Kensington	30	b	b	*	72	56	50	-	-	14.8	At 18h. 58	63	*
Hampstead Observatory	450	bc	b	b	68	52	46	-	-	13.8	*	68	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 8th July

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1019.0	E	2	b	75
Brussels	1020.4	E	3	bc	70
Berlin	1021.2	W'N	1	bc	66
Zürich	1018.7	NNE	2	b	72
Rome	1014.9	WNW	3	bc	77

7h. G.M.T. 9th July

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1018.5	NE	2	c	61
1019.9	ESE	1	b	66
1021.5	WNW	1	b	63
1020.0	S	1	b	57
1017.0	NE	3	b	73

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
77	54	-	-
72	52	-	-
66	55	-	-
77	52	-	-
x	x	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.3	7h 9h	<0.1	18h 8h

Kew Observatory. Max.	Time.	Min.	Time.
0.3	7h 9h	<0.1	16h-19h 8h

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 10th July, 1935.

No. 26893.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1018·0	-12	S	2	bc	77	45	7	1	-	1	4·6	4·6	4000
	Croydon ...	1017·8	-10	E	2	bc	77	45	7	1	-	1	4·6	4·6	4000
	S. Farnborough	1017·6	-10	SE	2	bc	79	45	7	2	-	1	4·6	4·6	4000
	Boscombe Down	1017·6	-12	S'E	3	bc	75	45	8	2	7	2	4·6	4·6	4000
	Calshot (Sthmtn.)	1018·5	-4	SE'E	2	bc	70	75	6	8	3	-	1	4·6	2500
	Lympne ...	1019·0	-2	ESE	3	bc	73	45	8	8	6	3	Tr	2·3	5700
	Manston ...	1018·8	-4	E	3	bc	71	45	6	-	-	3	0	4·6	-
2	Shoeburyness ...	1019·1	-8	ENE	3	bc	70	75	7	-	8	1	0	2·3	-
	Felixstowe ...	1019·8	-6	ENE	3	bc	67	75	7	1	-	2	Tr	4·6	4000
	Gorleston ...	1020·4	-4	ENE	3	bc	64	75	7	-	-	8	0	4·6	-
	Mildenhall ...	1018·3	-14	SE'S	3	bc	78	45	7	1	3	1	1	4·6	4000
	Cranwell ...	1018·7	-12	ESE	3	bc	76	55	7	1	-	-	4·6	4·6	4000
3	Birmingham ...	1017·8	-8	SE	3	b	73	45	8	1	-	-	Tr	Tr	2500
	Upper Heyford	1018·0	-10	SE	2	bc	75	45	8	1	-	2	Tr	2·3	4000
4	Ross-on-Wye	1017·0	-10	SSW	3	bc	75	55	7	1	-	-	4·6	4·6	4000
5	Portland Bill ...	1018·6	+6	ENE	3	c	67	95	7	4	4	-	4·6	7·8	2500
	Plymouth ...	1017·7	+2	SW	3	c	66	85	7	1	-	1	Tr	Tr	1500
	The Lizard ...	1018·4	+4	SW	2	bc	66	85	7	2	-	-	2·3	2·3	2500
	Scilly (St.Mary's)	1017·7	-4	S'E	3	bc	67	75	8	4	6	5	1	2·3	2500
	Guernsey ...	1017·8	-2	-	0	bc	67	75	7	1	7	-	1	2·3	4000
6	Pembroke ...	1016·6	-2	SSE	3	bc	63	85	7	-	7	-	0	4·6	-
7	Holyhead ...	1017·0	-6	SW'S	3	bc	66	55	8	-	-	1	0	2·3	-
	Chester(Sealand)	1017·1	-10	SSE	2	bc	76	45	7	1	-	6	Tr	2·3	4000
8	Manchester ...	1017·7	-12	SSW	3	bc	77	45	7	1	-	1	2·3	2·3	4000
10	Spurn Head ...	1019·7	-6	SE	3	bc	66	75	7	-	1	1	0	2·3	-
	Catterick ...	1017·5	-16	SSE	3	3o	74	45	6	-	-	-	0	0	-
	Tynemouth ...	1018·5	-8	S	3	bc	60	85	7	5	8	-	2·3	4·6	2500
11	Inchkeith ...	1016·8	-10	E	1	c	62	65	7	8	-	4	4·6	9	2500
12	Leuchars ...	1016·1	-6	SSW	3	bc	74	45	7	2	-	6	2·3	2·3	4000
	Renfrew (Abbots I.)	1015·2	-10	SSE	3	3o	73	45	8	2	-	1	7·8	7·8	4000
	Eskdalemuir ...	1016·3	-6	SSW	4	bc	63	65	7	1	-	1	4·6	4·6	4000
	Point of Ayre...	1017·2	-6	SW	2	bc	68	65	8	-	-	3	0	2·3	-
13A	Tiree ...	1013·0	-4	SSE	5	bc	66	65	7	-	4	6	0	4·6	-
13B	Stornoway ...	1011·2	-4	SSW	6	c	63	65	8	8	7	-	4·6	7·8	2500
15	Dalwhinnie ...	1014·7	-2	W	3	bc	69	55	8	4	6	-	2·3	4·6	4000
	Aberdeen ...	1015·9	-4	S'E	3	3o	67	65	6	-	-	-	0	0	-
	Wick ...	1014·2	-4	S	2	c	62	85	7	5	1	3	4·6	7·8	2500
16	Lerwick ...	1015·5	-8	S	4	bc	55	95	7	6	5	8	2·3	4·6	800
17	Blacksod Point	1011·0	-4	SSE	4	DD	60	95	7	6	-	-	10	10	800
18	Malin Head ...	1012·7	-4	S'W	4	c	66	85	7	7	6	-	4·6	9	2500
	Aldergrove ...	1014·9	-2	S	4	bc	67	65	8	1	3	8	1	4·6	2500
19	Birr Castle ...	1013·9	-6	S	3	c	70	65	8	5	-	-	7·8	7·8	2500
20	Valentia Obsy. †	1012·7	-2	S'E	5	dd	62	95	6	5	-	-	10	10	450
	Roches Point	1015·0	-8	S	4	c	62	95	8	6	2	-	4·6	9+	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1017·0	-8	ESE	2	bc	75	45	7	1	-	-	4·6	4·6	4000	0	*
	Croydon ...	1016·9	-2	SE'S	1	bc	76	45	8	1	-	1	1	2·3	5700	0	*
	S. Farnborough	1017·1	-4	S'W	1	bc	75	55	7	4	4	-	2·3	2·3	5700	0	*
	Boscombe Down	1017·2	-4	S'W	2	b	74	45	7	1	-	-	Tr	Tr	4000	0	*
	Calshot (Sthmtn.)	1017·9	-4	SSW	2	b	70	75	7	8	4	-	Tr	Tr	2500	0	1
	Lympne ...	1018·3	-2	NE'E	2	bc	70	55	7	-	-	1	0	2·3	-	0	2
	Manston ...	1018·0	-6	ENE	3	bc	69	55	7	-	-	2	0	4·6	-	0	*
2	Shoeburyness ...	1018·6	-4	E'N	3	bc	68	75	7	-	1	1	0	2·3	-	0	*
	Felixstowe ...	1018·3	-10	NE'E	3	bc	66	75	7	-	-	4	0	4·6	-	0	2
	Gorleston ...	1019·6	-6	NE'E	2	bc	64	85	7	-	9	-	0	4·6	-	0	2
	Mildenhall ...	1017·7	-2	SE	3	bc	74	35	8	-	-	2	0	2·3	-	0	*
	Cranwell ...	1017·3	-4	SE'E	2	bc	77	45	6	1	-	-	2·3	2·3	4000	0	*
3	Birmingham ...	1016·8	-6	SSW	2	bc	75	35	8	3	-	-	2·3	2·3	2500	0	*
	Upper Heyford	1017·2	-2	SW	2	c	73	55	8	8	3	2	7·8	9	2500	0	*
4	Ross-on-Wye	1016·4	-4	WSW	2	bc	74	55	8	5	4	-	1	2·3	5700	0	*
5	Portland Bill ...	1017·7	-8	E	2	b	63	95	7	-	-	-	0	0	-	0	2
	Plymouth ...	1017·7	-2	SW	1	b	63	85	8	2	-	1	Tr	Tr	1500	0	2
	The Lizard ...	1017·7	-2	S'W	1	bc	63	85	8	7	6	-	2·3	2·3	4000	0	2
	Scilly (St.Mary's)	1017·2	-8	S'E	4	c	62	95	7	5	-	-	9+	9+	1500	0	2
	Guernsey ...	1018·0	-2	NW'N	3	b	65	85	6	-	-	-	0	0	-	0	2
6	Pembroke ...	1016·5	-8	S'E	2	bc	61	85	7	-	7	-	0	2·3	-	0	1
7	Holyhead ...	1015·9	-8	SW'S	3	bc	63	75	7	-	-	1	0	2·3	-	0	1
	Chester(Sealand)	1016·6	-4	WNW	2	bc	70	55	7	7	-	1	2·3	2·3	2500	0	*
8	Manchester ...	1016·4	-8	SW'S	3	b	76	45	8	1	-	1	Tr	Tr	4000	0	*
10	Spurn Head ...	1018·7	-4	SE	5	bc	63	85	7	-	1	1	0	2·3	-	0	4
	Catterick ...	1015·7	-8	S'E	2	b	76	45	7	-	-	-	0	0	-	0	*
	Tynemouth ...	1015·8	-10	SSE	3	bc	60	85	7	5	-	-	4·6	4·6	1500	0	2
11	Inchkeith ...	1015·1	-10	SW	2	c	69	65	7	5	4	8	4·6	7·8	2500	0	1
12	Leuchars ...	1014·9	-6	SSW	2	b	72	55	7	1	-	1	Tr	1	4000	0	*
	Renfrew (Abbots I.)	1014·1	-10	SE	2	3o	71	45	8	-	5	4	0	4·6	-	0	*
	Eskdalemuir ...	1015·8	-2	SW	4	bc	66	55	7	-	-	1	0	2·3	-	1	*
	Point of Ayre...	1016·1	-8	SSW	3	bc	72	65	8	-	-	3	0	2·3	-	0	2
13A	Tiree ...	1011·6	-10	SE'S	4	c	61	85	7	5	7	-	4·6	9	4000	0	3
13B	Stornoway ...	1011·4	+2	S	3	c	61	75	7	5	7	-	7·8	9+	1500	0	2
15	Dalwhinnie ...	1013·5	-2	SW	3	c	66	55	8	4	6	4	2·3	10	2500	0	*
	Aberdeen ...	1015·3	0	S	4	3o	62	65	6	-	-	4	0	2·3	-	0	1
	Wick ...	1012·5	-8	S	2	bc	63	85	7	5	1	-	4·6	4·6	2500	0	2
16	Lerwick ...	1014·7	-8	S	4	bc	54	95	6	5	-	8	2·3	4·6	800	0	*
17	Blacksod Point	1011·3	+4	W	1	c	58	95	8	8	-	-	10	10	1500	1	2
18	Malin Head ...	1010·9	-4	S	4	c	68	85	8	8	1	-	7·8	9+	2500	0	1
	Aldergrove ...	1013·2	-10	SSE	4	bc	67	75	7	7	3	1	4·6	4·6	2500	0	*
19	Birr Castle ...	1013·1	-8	S	2	0/r	61	95	8	6	-	-	10	10	1500	1	*
20	Valentia Obsy. †	1013·2	0	WSW	3	r0r0	58	95	6	5	-	-	10	10	450	1	1
	Roches Point	1013·8	-6	SW	3	dr	61	95	5	5	-	-	10	10	450	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 9th (37)	13h.—18h. 9th (38)	18h. 9th to 1h. 10th (39)	1h.—7h. 10th (40)
b3o	bc	bcb y	bcb w
bc3oy	bcby	by bbc3o	bzo bcmo
bc3oy	bcby	y bbc	bw
bcy	bcby	by bzo	bmo
cpr5c	bcmob	bbwmo	bwmo
bcmoby	by	bbcbmo	bmo bcmo
bc3oy	bcy	bcyb	b1cmobmo
bcb	bbc	bcb	bwzo
bcb	bc	bcb	bbc3ow
bc	bc	bew	bcczo
bc	bc	bcb	bfmzow
bbc	bcyb	bmo	bbmo
b	bc	bcb	b
febcb	bcy3o	cybcmo	bcbmw
b3obc	bcy	bcb	bwbc
c	cbcb	b	offc
bcb	b	bbccmo	cwdomD
bc	bc	cmfdo	ifdmf
cbc	bcc	doife	FFd
bcobc	bcb	bw	bwfb
bc	bc	omFeo	iFeo
bbcy	bcyb	bbcc	rdodo
3o by	bbcy	bc	bcm
bybcy	bcyby	by	bwmmo
bc	bc	bew	bc
bcmob3oy	by3o	b	mwbczo
bc	bc	bc	bc
3o3oc	c	cbc	bccir
bc3obc	bcby	bybw	borocir
bwmbczy	bc3oy	bc	bccrdodo
bc	by bcy	bcybc	coddc
bbc	bc	bc cc	ciro
bcc	bcc	coiro	orr
bcqc	c	crocmo	croro
bc	bc	*	c
b3o	bbc3o	bcbzo	bbczo
bcc	cbc	bc	bcc
bbcmo	bcmo	bcmo	bcmo
D	dd	ir	iro
c	c	cpr	cpr
bcy	bc	cdobrro	rrododo
c	ccir	oir	oir
idirdd	ddrr;	crorrirro	cbc
c	drdr	drffe	fferrc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

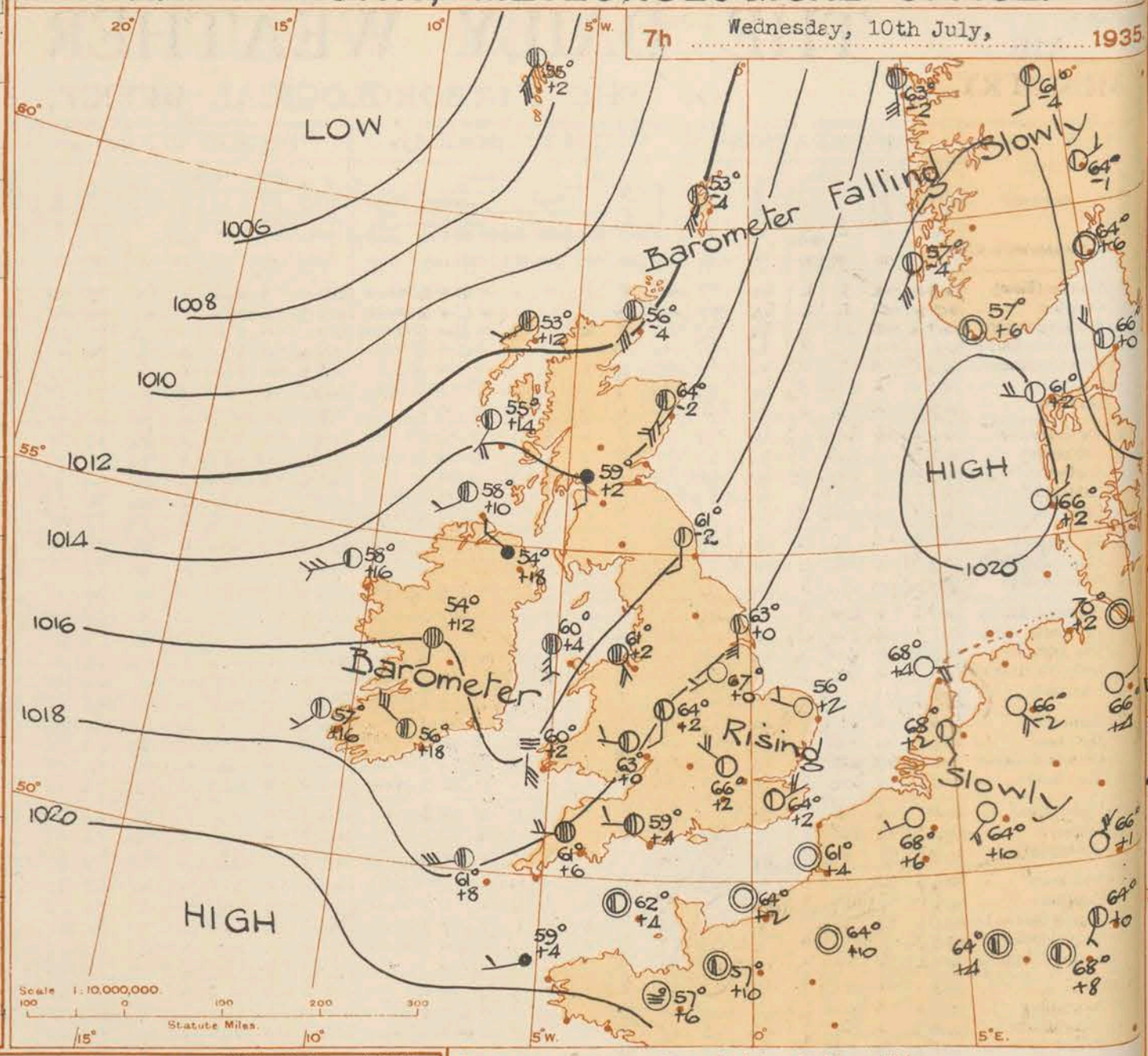
REPORTS from HEALTH RESORTS for 9th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	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	bbcb	52	80	-	-	10·1	14·5
	Bournemouth	ocby	b	55	77	1	-	5·8	15·4
	Ventnor ...	poc	cb3	59	73	Trace	-	4·3	13·7
	Southsea ...	cbc	bcb	57	75	-	-	5·9	14·5
	Bognor Regis	bcbc	bcb	53	71	-	-	4·5	14·2
	Littlehampton	bc	bc	55	71	-	-	5·5	15·1
	Worthing ...	cbc	bcb	57	70	-	-	6·6	15·0
	Brighton ...	b	b	56	73	-	-	8·2	14·2
	Eastbourne† ...	cb	byb	57	72	-	-	9·2	14·7
	Hastings† ...	bcb	bcb	57	75	-	-	10·9	14·4
	Folkestone ...	bc	b	57	71	-	-	10·2	13·8
	Dover ...	bc	by	59	76	-	-	11·4	15·1
	Deal	cbcb	b	59	74	-	-	10·4	14·8
	Ramsgate ...	bm	b	60	69	-	-	10·0	12·5
	Margate ...	bc	bc	59	68	-	-	11·0	14·3
2	Southend ...	b	b	58	75	-	-	11·2	11·6
	Maldon ...	b	b	52	75	-	-	10·7	14·4
	Clacton-on-Sea	bc	bc	60	68	-	-	8·9	12·4
	Dovercourt ...	bcv	bc3	58	70	-	-	11·4	13·2
	Lowestoft ...	b	b	57	67	-	-	12·1	15·4
	Skegness ...	bbc	bcb	57	67	-	-	11·4	15·1
	Mablethorpe...	bc	bc	47	67	-	-	11·4	13·8
	Cleethorpes ...	bc	b	47	67	-	-	11·8	14·7
3	Leamington S.	bcb	b	50	78	-	-	9·0	13·2
4	Cheltenham†	3b	bbcb3	53	79	-	-	11·3	14·3
5	Bath	b	bbcc	51	78	-	-	9·6	14·2
	Weymouth ...	cbcb	b	58	74	Trace	-	6·8	15·1
	Jersey ...	rcbc	bcb	60	70	15	-	6·5	13·0
	Torquay ...	b3	b	54	68	-	-	11·6	10·5
	Penzance ...	b	b	58	69	Trace	-	11·1	6·6
	St. Ives ...	b	b	55	70	-	-	11·2	8·0
	Bude... ...	b	b	47	68	-	-	12·0	12·7
	Ilfracombe ...	bcb	bbcc	58	69	-	-	10·5	15·2
6	Aberystwyth	3bc	bbc	55	70	-	-	12·2	13·4
7	Llandudno ...	b	bbc	53	73	-	-	11·2	14·1
	Colwyn Bay...	b	bbcc	56	72	-	-	11·7	13·3
	Rhyl	b	bbc	51	74	-	-	10·7	13·3
8	Wallasey ...	mb	bbc	57	77	-	-	11·6	13·8
	Southport‖ ...	b	bbcc	54	75	-	-	11·5	10·7
	Blackpool ...	b	b	53	74	-	-	11·9	11·1
	Morecambe ...	b	b	57	75	-	-	12·2	10·4
9	Ilkley... ...	b	b	48	79	-	-	9·4	13·8
	Harrogate ...	b3	b3	44	76	-	-	10·4	13·9
10	Berwick-on-T.	b	bc	48	69	-	-	12·1	13·6
11	Dunbar ...	bc	bc	53	76	-	-	10·7	13·7
12	Troon... ...	bbcb	b	56	77	-	-	11·6	12·8
	Douglas ...	bc	bc	52	67	-	-	12·0	12·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 10th July, 1935



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. 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. 10th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light variable wind, becoming westerly; local rain and thunderstorms this afternoon or evening, fair or fine tomorrow; very warm today, cooler tomorrow.
5 S.W. England 6 South Wales ... 7 North Wales ...	Light or moderate west or southwest wind; local rain, becoming fair; cooler than of late.
8 N.W. England 9 N. Midlands ... 10 N.E. England	As 1 - 4.
11 S.E. Scotland	As 5 - 7.
12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate west or southwest wind; mainly fair but local showers; cooler than of late.

GENERAL INFERENCE.

A feeble trough of low pressure extending from Southeast Scotland to Southwest England is moving slowly eastward. Its passage will be accompanied by rain at most places and local thunder. In its rear weather will be cooler, and fair except for local showers in the Northwest.

FURTHER OUTLOOK.

Fair or fine in the South. Local showers in northern districts and Ireland. Occasional rain in Northwest Scotland.

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. R.212.2904. Wt.8081. D.6001. 6p. 308. 29760. 735.

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).

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 10th July 1935.

No. 26893.

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)	Cloud. Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1018.2	0	SW'W	1	b	60	78	6	-	-	1	0	Tr	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018.6	-2.6	E	2	bc	59	85	6	6	4	-	4.6	4.6	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1018.9	-2	N	1	bc	62	86	6	-	1	-	0	2-3	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1018.1	0	W	2	b	59	96	7	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1017.4	-2	SW'S	2	df	61	96	3	5	-	-	10	10	800
	Scilly (St.Mary's)	163	1017.2	-6	SW'S	3	F+	60	96	1	-	-	-	10	10	-
	Guernsey ...	175	1018.6	-4	-	0	b	58	95	6	-	-	-	0	0	-
6	Pembroke ...	142	1015.9	-2	S	3	F+	59	95	1	-	-	-	10	10	-
7	Holyhead ...	26	1015.3	-4	S	3	c	61	85	7	5	-	-	9+	9+	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018.2	0	S	3	bc	61	96	6	-	2	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1016.3	-4	S	1	bc	56	96	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1015.5	0	SW	1	bc	61	85	8	5	-	-	2-3	2-3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1015.6	0	SE	3	c	60	86	8	4	-	-	7-8	7-8	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1016.1	-2	SSW	4	rain	57	95	5	5	-	-	10	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1012.0	-4	S	2	bc	57	95	7	5	1	-	4-6	4-6	1500
16	Lerwick ...	156	1013.0	-2	S	3	bc	52	95	6	5	-	-	2-3	2-3	800
17	Blacksod Point	18	1013.2	0	SW	2	c	56	95	7	5	-	-	9+	9+	1500
18	Malin Head ...	52	1012.2	+1.2	W'S	4	rain	55	95	7	8	-	-	10	10	1500
	Aldergrove ...	268	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1015.1	+1.4	NW	3	DR	54	95	6	6	-	-	9+	9+	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Cloud. Form. Med. (24)	Cloud. Form. High (25)	Cloud. Amount Low 0-10 (26)	Cloud. Amount Total 0-10 (27)	Cloud. Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1010.0	+4	SW	1	30	63	75	6	-	3	-	0	Tr	-	0	*
1018.4	+2	NW'N	2	b	66	65	6	-	3	-	0	Tr	-	0	*
1018.7	+4	-	0	bc	63	75	6	-	5	-	0	2-3	-	0	*
1018.7	+2	-	0	30	61	85	6	5	3	-	1	1	5700	1	*
1018.9	+2.6	W	1	30	63	85	6	-	4	-	0	Tr	-	0	0
1018.7	+2	E'N	2	30	64	85	6	-	4	-	0	Tr	-	0	1
1018.6	+4	-	0	30	65	85	6	-	3	-	0	2-3	-	0	*
1018.7	+4	-	0	b	65	85	5	-	-	-	0	0	-	0	*
1018.4	+2	-	0	30	65	85	6	-	5	-	0	2-3	-	0	0
1019.1	+2	W'N	1	30	56	95	5	-	-	-	0	0	-	0	1
1018.3	+4	-	0	30	63	85	6	-	-	-	0	0	-	0	*
1018.0	0	SW	1	30	67	65	6	-	-	-	0	0	-	0	*
1018.1	+2	S	1	bc	64	65	8	-	4	-	0	2-3	-	0	*
1018.6	+2	-	0	b	63	85	6	-	-	9	0	Tr	-	0	*
1017.5	0	W	1	30	63	85	6	-	9	-	0	4-6	-	0	*
1018.8	+4	W	1	c	59	95	7	4	-	-	10	10	1500	1	2
1018.3	+6	WSW	2	o/d	61	95	6	5	-	-	10	10	<150	1	1
1018.3	+6	SW'S	2	df	61	95	3	5	-	-	10	10	800	1	1
1017.9	+8	SW'W	3	c	61	95	7	5	-	-	9+	9+	1500	1	2
1019.1	+4	-	0	bc	62	85	7	-	1	1	0	2-3	-	0	1
1015.9	+2	S'W	3	F	60	95	1	5	-	-	10	10	<150	1	2
1015.4	+4	S	4	o/d	60	95	5	5	-	-	10	10	220	1	2
1017.1	+2	SE	2	30	61	85	6	5	7	1	4-6	9	5700	0	*
1017.2	+2	SSW	3	30	63	75	5	5	4	1H	1	2-3	5700	0	*
1017.9	0	S	3	bc	65	85	7	-	1	0	0	2-3	-	0	2
1016.9	0	S	2	30	59	95	6	-	-	9	0	4-6	-	0	*
1016.0	-2	S	1	bc	61	85	6	4	4	-	2-3	4-6	2500	0	1
1015.0	0	SE	1	dr	57	95	7	5	2	-	7-8	10	1500	1	1
1014.8	-2	ESE	1	fr	58	95	6	5	-	-	10	10	1500	1	*
1013.9	+2	S	1	dd	59	95	5	5	2	-	7-8	10	450	1	*
1015.4	0	SSW	3	dd	57	95	6	5	-	-	10	10	450	1	*
1015.5	+4	S'W	4	c	60	95	7	5	-	-	9+	9+	1500	1	2
1013.9	+14	S'W	2	c	55	95	7	5	2	-	4-6	9	2500	1	2
1011.9	+12	SW	1	c/r	53	95	8	5	7	-	4-6	7-8	1500	1	1
1013.6	+6	S	3	c	57	55	8	5	2	-	7-8	10	800	0	*
1013.8	-2	SSW	5	c	64	65	7	8	4	-	1	7-8	2500	0	2
1010.8	-4	SSW	3	c	56	95	8	5	9	-	4-6	9	1500	0	2
1011.8	-4	SSW	3	bc	53	95	6	5	-	1	2-3	4-6	800	0	*
1014.6	+16	WSW	4	bc	58	85	8	2	-	-	4-6	4-6	2500	1	3
1014.6	+10	SW	1	c	58	95	9	8	-	-	9+	9+	1500	1	0
1015.2	+18	NWN	1	dd	54	95	5	5	-	-	10	10	800	1	*
1016.5	+12	S	1	o/r	54	95	8	6	-	-	10	10	1500	1	*
1017.8	+16	SW	1	bc	57	95	8	5	-	-	4-6	4-6	1500	1	2
1016.2	+18	NW	3	c	56	95	8	5	3	-	7-8	7-8	1500	1	2

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F (31)	Temperature. Min. Night 19h-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)
80	56	47	-	-	10.6
78	55	51	-	-	9.9
80	50	40	-	-	10.5
76	52	45	-	-	12.0
74	54	49	Tr	-	8.0
74	53	51	-	-	13.7
74	54	48	-	-	13.3
72	54	47	-	-	14.3
68	54	52	-	-	13.1
65	52	51	-	-	14.4
81	49	47	-	Tr	13.5
82	52	48	-	-	13.7
78	58	53	-	-	13.6
79	56	46	-	-	*
76	51	42	-	-	12.4
68	57	*	-	Tr	*
71	57	51	-	0.6	14.6
67	59	*	-	0.2	*
68	59	*	-	0.5	8.4
71	55	51	-	-	9.6
64	55	*	-	0.2	13.9
68	59	55	-	2	14.6
78	51	46	-	-	12.8
78	49	45	-	-	13.6
66	58	*	-	Tr	13.4
77	53	48	-	-	12.2
66	56	51	-	-	*
75	56	51	-	2	13.1
74	51	43	-	1	12.4
74	55	49	-	0.3	12.3
71	48	41	-	0.2	13.8
72	57	*	-	2	14.6
67 (65)	52	51	-	6	8.0
(63)	53	*	-	3	8.4
71	55	50	-	-	11.5
68	52	46	-	-	12.7
65	53	*	-	-	*
56	51	*	-	-	13.2
67	55	*	4	0.3	*
72	52	*	-	4	4.2
71	53	53	-	2	12.1
72	53	53	1	3	3.7
63	51	46	4	3	0.0
63	55	*	4	3	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T % (Yesterday.)	Humidity. 9h. G.M.T % (To-day.)	Visibility 9h.
KEW	18	b30	bc	bcbybw	80	56	47	-	-	10.6	*	*	6
CROYDON	217	bc30y	bcby	bybbcm9	78	55	51	-	-	9.9	*	*	6
GREENWICH (Royal Observatory)...	149	b30y	b30y	bm30y	80	53	44	-	-	12.4	42	54	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	11.8	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	79	57	53	-	-	10.4	42	61	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	79	57	52	-	-	11.3	49	62	*
CAMDEN SQUARE	110	b	b	*	81	57	50	-	-	*	*	59	*
KENSINGTON	80	b	b	*	79	56	49	-	-	10.7	At 18h 48	58	*
HAMPSTEAD OBSERVATORY	459	b	b	b	77	58	47	-	-	11.6	70		*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 10th

SOUTH KENSINGTON

Max.	Time.	Min.	Time.
0.3	8h9m	<0.1	16h9m

KEW OBSERVATORY

Max.	Time.	Min.	Time.
0.5	8h9m	<0.1	16h9m

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.
PARIS	1017.4	SSE	2	c	72	1019.4	-	0	30	64
BRUSSELS	1016.7	-	0	c	75	1018.6	WSW	1	b	68
BERLIN	1019.1	NW	1	b	77	1019.0	SSW	1	30	72
ZÜRICH	1016.8	WNW	3	bc	79	1018.3	WNW	1	c	64
ROME	1013.9	N	2	b	73		SE	2	b	73

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
73	54	1	-
79	57	-	-
79	59	-	-
84	63	-	-
x	x	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 11th July.

26894.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1018·6	-4	W	1	c	77	45	7	1	-	2	4-6	9	4000
	Croydon ...	1018·1	-2	SW	1	c	78	45	7	1	-	2	7-8	7-8	4000
	S. Farnborough	1018·4	-2	SW	2	bc	81	45	7	2	-	1	4-6	4-6	4000
	Boscombe Down	1018·2	+2	SSW	2	bc	76	45	7	3	-	9	2-3	2-3	4000
	Calshot (Sthmtn.)	1019·5	+4	S'W	3	bc	72	65	8	3	4	-	1	2-3	2500
	Lympne ...	1019·4	-2	S	2	bc	72	65	8	2	-	1	Tr	2-3	5700
	Manston ...	1019·2	0	SE	2	3o	71	55	6	2	-	2	Tr	2-3	2500
2	Shoeburyness ...	1018·8	-4	SE	2	bc	77	55	7	2	-	2	Tr	4-6	4000
	Felixstowe ...	1018·7	0	SE'S	3	3o	72	65	7	2	-	4	1	2-3	4000
	Gorleston ...	1019·2	+2	E'S	2	bc	68	85	6	7	-	-	2-3	2-3	2500
	Mildenhall ...	1017·9	-2	-	0	bc	82	35	8	1	-	-	4-6	4-6	4000
	Cranwell ...	1017·8	-2	SW	3	c	81	35	7	2	-	4	2-3	7-8	5700
3	Birmingham ...	1017·5	+2	SSW	2	bc	77	35	8	1	-	4	2-3	4-6	2500
	Upper Heyford	1018·2	-2	SW'S	2	bc	79	45	8	1	4	8	2-3	4-6	4000
4	Ross-on-Wye	1017·5	+4	SW'N	3	bc	76	45	7	1	-	1	1	2-3	4000
5	Portland Bill ...	1019·4	+6	W	2	c	62	95	7	5	-	-	10	10	2500
	Plymouth ...	1019·3	+2	S	3	c/d	65	95	7	6	-	-	9+	9+	800
	The Lizard ...	1018·3	+2	WSW	2	3o	65	95	5	4	7	-	7-8	9+	1500
	Scilly (St.Mary's)	1019·8	+8	N'W	4	c/d	63	85	7	4	-	-	9+	9+	1500
	Guernsey ...	1020·1	+4	E'S	1	m/f	65	85	4	8	-	-	9	9	2500
6	Pembroke ...	1017·9	+6	W	2	c	61	95	6	5	-	-	9+	9+	1500
7	Holyhead ...	1018·3	+8	NW	3	dd	58	95	7	5	-	-	10	10	220
	Chester(Sealand)	1017·6	+8	SSW	1	c	75	55	8	5	4	-	7-8	7-8	4000
8	Manchester ...	1017·7	+6	W	2	c	72	65	7	5	-	-	10	10	4000
10	Spurn Head ...	1017·5	-2	SE'S	4	c	68	75	6	2	1	1	4-6	7-8	4000
	Catterick ...	1016·7	+6	WSW	2	c	75	55	7	4	9	-	7-8	9+	4000
	Tynemouth ...	1016·4	+8	SW	3	c	74	65	6	8	-	-	9+	9+	1500
11	Inchkeith ...	1016·1	+12	SW	1	dd	59	95	6	6	-	-	10	10	1500
12	Leuchars ...	1016·0	+10	SW	2	dd	64	85	5	5	-	-	10	10	450
	Renfrew (Abbots I.)	1016·4	+14	W'N	4	c	62	75	8	8	2	-	7-8	10	2500
	Eskdalemuir ...	1016·5	+10	S'W	4	dd	59	95	6	5	-	-	10	10	220
	Point of Ayre...	1018·0	+22	NW	2	c	60	95	8	5	-	-	9	9	1500
13A	Tiree ...	1016·7	+18	SW	4	bc	61	85	8	2	6	-	2-3	2-3	2500
13B	Stornoway ...	1014·4	+10	SSW	3	c/pr	60	75	8	8	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1016·3	+16	W	3	c	58	85	8	5	2	-	7-8	10	800
	Aberdeen ...	1016·3	+6	S'E	3	c	67	75	7	8	3	-	4-6	7-8	2500
16	Lerwick ...	1015·3	+16	NNE	3	c	55	95	8	8	1	-	7-8	9+	1500
		1014·3	+18	W	3	c	56	95	8	5	7	-	4-6	7-8	1500
17	Blacksod Point	1018·6	+16	W	4	bc	61	75	8	2	-	-	4-6	4-6	5700
18	Malin Head ...	1017·3	+12	WNW	4	bc	61	85	8	2	4	-	2-3	2-3	2500
	Aldergrove ...	1017·9	+12	-	0	c	63	75	9	8	3	-	7-8	9	1500
19	Birr Castle ...	1018·3	+6	SSW	2	c	65	65	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1021·0	+14	W'N	3	bc	61	75	9	8	7	4	2-3	4-6	1500
	Roches Point	1018·8	+10	NW	1	bc	67	75	9	1	3	1	2-3	4-6	2500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1018·4	0	W	2	bc	80	45	8	7	-	2	2-3	4-6	4000	0	*
1018·3	+4	W	2	bc	79	45	8	2	-	2	1	4-6	4000	0	*
1018·9	+4	WSW	2	bc	74	65	8	-	-	6	0	4-6	-	0	*
1018·5	0	SSW	3	c	74	55	8	-	-	6	1	7-8	4000	0	*
1019·6	0	SSW	4	bc	67	85	8	-	-	6	0	4-6	-	0	1
1019·6	+2	SSW	2	b	73	55	7	-	-	1	0	Tr	-	0	1
1018·8	-2	ESE	2	b	76	55	7	-	-	2	0	1	-	0	*
1018·8	0	SE'E	2	bc	73	75	7	-	-	1	0	2-3	-	0	*
1018·9	0	SE	2	bc	69	75	7	-	-	4	0	2-3	-	0	1
1019·2	0	SE	3	bc	65	85	6	-	9	-	0	4-6	-	0	2
1017·9	0	-	0	3o	82	35	8	8	3	-	2-3	4-6	4000	0	*
1017·7	+2	WSW	2	bc	81	35	8	2	-	6	2-3	4-6	4000	0	*
1017·8	0	WSW	2	bc	75	35	8	1	-	4	2-3	4-6	4000	0	*
1018·6	+6	SW	2	c	75	55	9	7	-	4	4-6	9	2500	0	*
1018·2	0	WSW	3	c	74	65	8	2	9	6	2-3	9	4000	0	*
1019·9	+4	W	3	f	60	95	3	5	-	-	10	10	150	1	2
1020·2	+6	S'W	2	0	64	95	7	5	-	9	9	9+	800	0	0
1020·5	+2	NW	2	c	63	95	8	3	2	-	7-8	10	1500	1	1
1021·5	+2	N	3	c	63	75	8	8	7	3	2-3	9	2500	1	2
1020·3	+2	-	0	fg	64	85	5	2	1	8	2-3	7-8	4000	0	1
1019·0	+6	NNE	3	c	62	85	8	8	7	-	4-6	7-8	2500	1	1
1020·2	+8	-	0	c	59	85	8	5	7	-	4-6	9+	4000	1	1
1019·9	+14	WNW	4	cd	60	85	7	5	-	-	10	10	1500	1	*
1019·4	+14	NW'N	3	cr	64	85	8	5	3	-	7-8	9	1500	0	*
1017·5	0	S'E	4	bc	67	85	7	4	2	1	2-3	4-6	4000	0	3
1018·3	+12	W'N	2	c	71	75	8	5	9	-	4-6	7-8	5700	0	*
1017·5	+8	SW	2	c	75	65	8	7	7	-	4-6	7-8	2500	0	1
1017·9	+6	W	3	c	64	75	8	4	9	9	4-6	7-8	2500	0	2
1017·9	+14	NW	2	c	64	75	9	8	3	-	7-8	9+	2500	1	*
1018·9	+14	WNW	3	bc	65	55	9	2	4	6	4-6	4-6	2500	1	*
1018·7	+12	NW	2	c	61	85	8	5	-	-	9+	9+	2500	1	*
1019·3	+12	NW	2	c	63	75	8	2	7	-	Tr	7-8	4000	1	1
1018·8	+14	WSW	3	bc	60	85	8	2	-	-	2-3	2-3	4000	0	2
1016·7	+16	SSW	4	c	60	75	8	8	7	-	7-8	9	1500	1	2
1018·4	+12	W	3	bc	63	65	8	7	-	1	4-6	4-6	2500	0	*
1018·3	+20	NNW	2	rr	58	95	6	2	-	-	7-8	10	800	1	1
1017·7	+12	S	2	c	56	95	8	8	1	-	7-8	9	1500	0	2
1017·1	+16	W'S	3	c	56	85	8	5	7	-	4-6	7-8	1500	0	*
1021·0	+10	W	3	bc	60	75	8	2	-	-	4-6	4-6	5700	0	3
1020·5	+14	W	3	bc	61	85	8	7	8	-	2-3	2-3	2500	0	1
1019·8	+8	W'S	2	c	65	65	9	8	7	1	7-8	9	2500	0	*
1020·5	+8	SSW	1	bc	67	45	8	5	-	3	4-6	4-6	2500	1	*
1023·1	+10	NW'W	3	bc	62	65	9	2	-	2	2-3	4-6	1500	1	2
1020·3	+8	NW	3	c	66	65	9	8	-	4	4-6	7-8	1500	0	2

PAST 24 HOURS.

Weather. 7h.–13h. 10th (37)	13h.–18h. 10th (38)	18h. 10th to 1h. 11th (39)	1h.–7h. 11th (40)
bc3o	6y bcy	cbc	bc3o
6bcy	cybcy	beycbc	bbcmo
6bcy	y bc	bc	bcwfo
6mo by	6bccy	cybcbf	bbcmo
6mo b	bcc	bcmo	bcmofe
6bc3o	63o y	bcbmo	bbcmw
6bc3o	bc3o by	bybic	cb
bc3o y	6cyb	b	b3o W
63o	bc3o b	bc3o bmo	bcmb3o
bc3o	bc3o	bc3o b	bc3o
bc	bc	bc	bcbmo
bcy	bcy	bcyc	cmo
6bc	bc	bc	bcc
6bcmoy	bccy	cy	cmomfm
bcb	bcy	cbc	bcc
c	coff	oFF	ff3o
cmodc	cmo	C	c
fdcm	cmfdo	c	cbc
cdom	c	cbc	bc
bcfcm	cbc	off	offd
ddrd	oddc	cbcw	bcwc
prcjp	ircc	cmojp	c3o
b3oc	dproro	croc	cmo
bcc	cbc	cbc	bcc
bc3ocy	cybc	c	c
bcc	c	c	cbc
cddcif	cro c	cbc	bc3o
cddcrm	rrcpro	cbcbw	bwbcb
cdodrc	cbcvy	bcwbw	bw
cddro	ddc	cbw	bwbcw
orrc	c	cbc	bcc
cbc	bc	bcw	bc
cpro	cpro	cbcb	bbc
c	6c	*	b
bccro	crr	crrbmo	cmobc
c	ccrrc	c	cbc
bcmoc	cpro	cbce	bc
6c	6c	bc	bc
cbc	bc	bc	bc
rrocdc	bcyc	cbc	bcbw

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

‡ Sea disturbance reported from Dungeness.

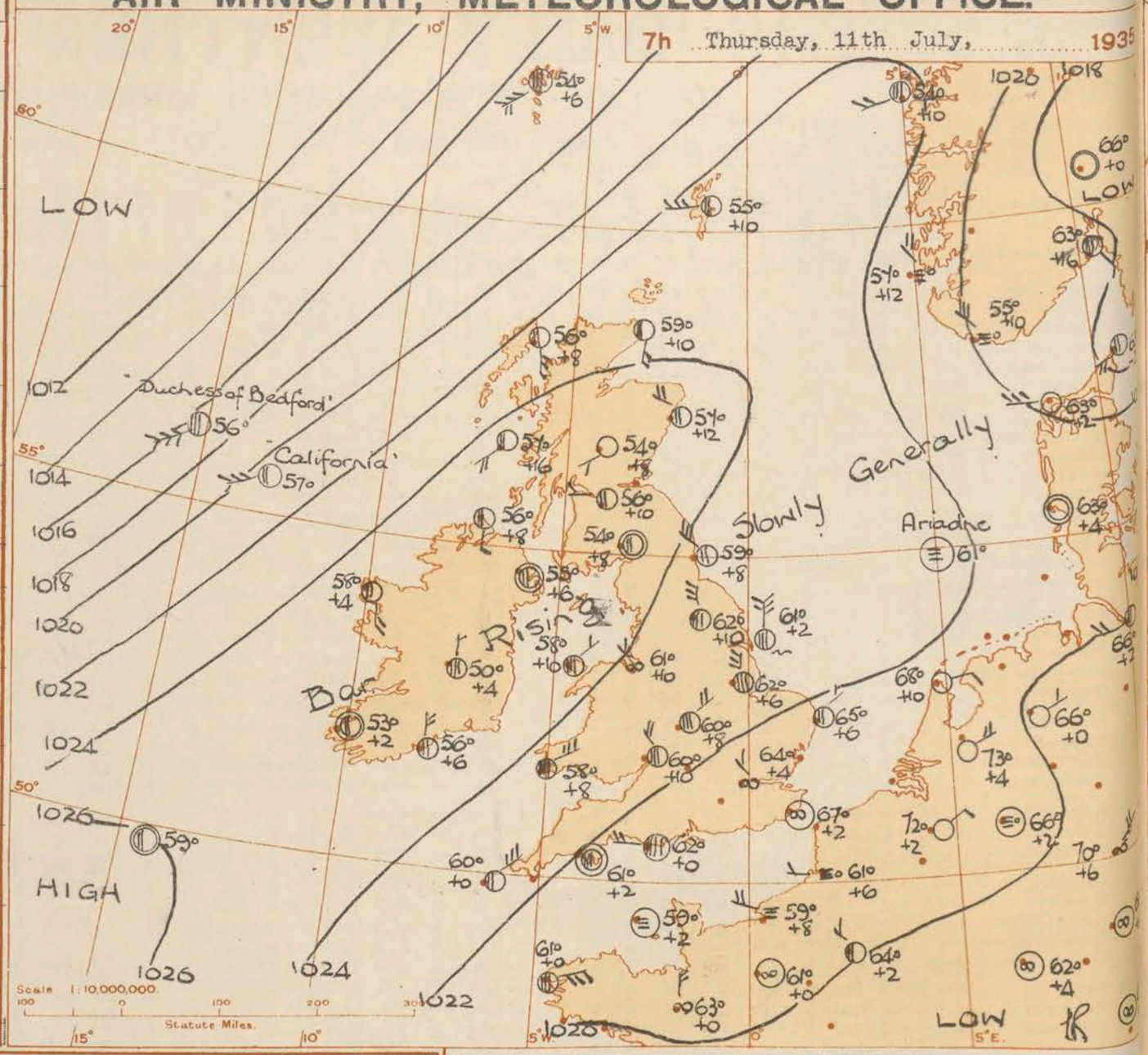
REPORTS from HEALTH RESORTS for 10th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperatures. Min. 9h. 9th to 9h. 10th	Temperatures. 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.	bcbbc	bcb	53	82	-	-	11·0	12·2
	Bournemouth	b	b	53	75	-	-	11·6	8·4
	Ventnor ...	b3m	bm	61	70	-	-	12·0	6·3
	Southsea ...	b	b	57	76	-	-	11·7	8·2
	Bognor Regis	b	b	55	74	-	-	11·9	5·8
	Littlehampton	b	b	53	73	-	-	12·3	7·8
	Worthing ...	b	b	58	75	-	-	12·5	9·1
	Brighton ...	b	b	56	72	-	-	11·5	10·3
	Eastbourne† ...	b	by	59	74	-	-	12·2	11·4
	Hastings† ...	bbcb	b	60	75	-	-	12·3	13·1
	Folkestone ...	b3o	b	58	74	-	-	10·9	12·4
	Dover ...	bbc	bcb	57	75	-	-	12·0	13·4
	Deal	b	b	56	81	-	-	11·3	12·3
	Ramsgate ...	b	b	61	76	-	-	10·7	12·0
	Margate ...	b	bc	60	80	-	-	10·7	13·3
2	Southend ...	b3	b3	58	80	-	-	11·9	13·4
	Maldon ...	b	b	51	83	-	-	11·5	13·1
	Clacton-on-Sea	b3	b	56	72	-	-	11·4	10·8
	Dovercourt ...	b3	b	56	74	-	-	11·8	13·5
	Lowestoft ...	b	b	54	74	-	-	10·8	14·5
	Skegness' ...	b	b	57	72	-	-	12·0	13·5
	Mablethorpe...	b	bbc	53	72	-	-	11·6	13·6
	Cleethorpes ...	b	bbc	53	85	-	-	11·2	13·9
3	Leamington S.	b	bbc	54	81	-	-	11·4	9·6
4	Cheltenham†	b	bbcq	55	80	-	-	11·9	13·3
5	Bath	b	bbc	52	78	-	-	12·0	12·0
	Weymouth ...	m	m	55	67	-	-	0·1	9·3
	Jersey ...	bcb	bbc	56	72	-	-	10·3	9·2
	Torquay ...	opc	bc	57	70	Trace	-	3·0	14·3
	Penzance ...	dc	cdc	60	67	1	Trace	0·4	12·0
	St. Ives ...	o	c	59	68	Trace	-	0·0	12·6
	Bude... ...	5c	c	57	69	Trace	-	0·8	14·3
	Ilfracombe ...	bccoq	cbcc	60	68	-	-	1·2	13·0
6	Aberystwyth	p5bcc	rr	58	67	0·3	3	1·4	14·8
7	Llandudno ...	bcc	cidc	59	71	-	Trace	3·3	13·8
	Colwyn Bay...	bcb	bcoro	57	71	-	1	4·2	14·7
	Rhyl	bcc	c	55	72	1	-	3·5	12·7
8	Wallasey ...	bc	bcco	61	71	-	-	2·5	13·5
	Southport‖ ...	bcc	bccor	55	72	-	0·2	3·8	12·7
	Blackpool ...	bcc	cod	51	72	-	-	4·4	13·5
	Morecambe ...	bc	cbcdc	56	70	-	Trace	4·5	14·6
9	Ilkley... ...	b	bbc	52	79	-	-	7·1	10·6
	Harrogate ...	b	bbcc	54	78	-	-	8·1	12·7
10	Berwick-on-T.	oc	bcr;o	53	72	Trace	Trace	4·5	13·5
11	Dunbar ...	bcp	bcp	57	70	1	0·3	1·2	14·2
12	Troon... ...	dorc6	bcbv6	56	67	2	0·5	2·9	14·5
	Douglas ...	ormcr	c6	57	64	6	1	1·8	14·3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 11th July, 1935



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Wind mainly northeast, light; mainly fine; perhaps local thundery showers; very warm inland and on South Coast.
4 W. Midlands ...	Light northeast wind; fair to fine; warm.
5 S.W. England	As 1 - 3.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	As 4.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man. A. W. Scotld.	Light variable wind; fine; warm.
13 B.N.W.Scotland.	Moderate southwest wind; fair; rather warm.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 11 - 13A.

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

GENERAL INFERENCE.

A belt of high pressure extends from the Azores across the British Isles to Norway. Weather will be mainly fine but there is a chance of local thundery showers in the southeastern area.

FURTHER OUTLOOK.

Mainly fine and warm for some days, except perhaps in the extreme Northwest.

Forecasts issued at 10.55 G.M.T.

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

H.M.Stationery Office Press Kingsway W.C.2. S 212 2904 We 8081 D 6001 6p 805 29760 7/35

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

Morning of

THURSDAY,

11TH JULY.

1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 11th July.

26894.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
		(1)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020·2	+4	WSW	1	bc	64	86	6	-	-	5	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021·1	+6	-	0	bz$_0$	60	95	6	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020·2	+2	S	1	b	64	85	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021·5	+4	W	2	F	59	98	1	-	-	-	10	10	—
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·8	+2	-	0	c	57	95	8	4	1	-	7-8	3+	2500
	Scilly (St.Mary's)	163	1021·7	0	N'W	2	bc	56	95	8	8	4	-	1	2-3	2500
	Guernsey ..	175	1021·6	0	-	0	f	59	95	2	-	-	-	10	10	-
6	Pembroke ...	142	1021·2	0	N	3	bc	56	85	8	7	-	-	4-6	4-6	4000
7	Holyhead ...	26	1021·6	+4	NW	2	bc	56	95	8	-	3	1	0	2-3	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·1	+6	N'E	5	bc	62	95	7	-	2	-	0	4-6	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1021·9	+10	W	2	c	62	95	7	6	-	-	7-8	7-8	1500
11	Inchkeith ...	190	1021·7	+22	W	3	bc	55	95	8	5	4	5	2-3	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1021·9	+16	NW	1	bc	51	95	8	4	4	-	2-3	2-3	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1020·6	+12	SW	2	b	52	95	8	5	-	-	1	1	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1020·7	+16	SW	2	c	54	95	8	8	1	-	4-6	9	1500
16	Lerwick ...	156	1020·5	+16	WSW	3	bc	53	95	8	5	-	-	2-3	2-3	1500
17	Blacksod Point	18	1023·9	+4	W	2	b	49	95	8	1	-	-	1	1	5700
18	Malin Head ...	52	1022·8	+8	W	2	bc	54	95	8	4	-	-	2-3	2-3	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1024·5	+10	W	2	bc	56	85	8	-	4	-	6	2-3	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	1021.6	+8	NW	2	c	66	85	6	-	4	6	0	7-8	-	0	*
	1021.1	+4	NW	1	3o	64	85	6	-	3	2	0	4-6	-	0	*
	1021.5	+6	-	0	3o	63	95	6	-	4	2	0	7-8	-	0	*
	1021.3	+2	N	1	3o	60	95	5	-	9	9	0	7-8	-	1	*
	1021.4	+4	-	0	F	59	95	1	5	-	-	10	10	4150	1	0
	1021.3	+2	-	0	3o	67	85	6	-	3	-	0	4-6	-	0	*
	1021.0	+6	-	0	3o	66	85	6	5	3	-	7-8	7-8	4000	0	*
2	1020·8	+12	E	1	b	69	85	5	-	+	1	0	1	-	0	*
	1021·1	+10	-	0	3o	66	95	5	-	3	1	0	1	-	0	0
	1021.6	+6	NEN	1	bc	65	85	6	-	7	-	0	2-3	-	0	1
	1021.3	+16	N	2	3o	66	75	6	-	3	-	0	Tr.	-	0	*
	1022.6	+6	N	3	c	62	75	7	5	7	-	7-8	9+	4000	0	*
3	1023.1	+8	NNE	2	c	60	85	5	5	-	-	10	10	1500	0	*
	1022·2	+6	NNE	3	m	63	85	4	5	1	-	7-8	9+	800	0	*
4	1022.6	+6	N	2	c	60	85	8	8	2	-	2-3	9	2500	0	*
5	1021·5	0	W	2	o	62	95	6	6	-	-	10	10	1500	6	2
	1021·5	+2	-	0	c	61	95	8	5	-	-	9+	9+	4000	0	0
	1021·9	+2	NEN	2	bc	59	95	7	4	6	1	2-3	4-6	2500	0	1
	1022.4	0	NEN	3	bc	60	95	8	-	8	9	0	4-6	-	1	2
	1021.4	+2	-	0	f	59	95	2	5	-	-	10	10	450	1	1
6	1022·9	+8	NE	3	c	58	85	8	8	7	-	7-8	9+	1500	0	1
7	1024·4	+10	NE	2	c	58	85	9	1	9	8	Tr.	7-8	2500	1	1
	1024·0	+10	NNW	1	3o	61	75	6	5	7	-	7-8	9+	2500	0	*
8	1023·8	+12	NE	2	3o	61	85	6	5	7	-	9+	10	4000	0	
10	1022·5	+2	N	5	c	61	85	7	5	2	-	7-8	10	2500	0	4
	1024.1	+10	N	3	c	62	65	7	5	9	1	2-3	7-8	4000	0	*
	1023·5	+8	NNW	3	bc	59	75	7	2	-	2	2-3	4-6	2500	0	1
11	1024·5	+12	W	2	3o	53	95	5	5	9	6	2-3	4-6	2500	0	1
	1024·6	+10	W	2	bc	56	85	9	-	-	1	0	2-3	-	1	*
12	1025·1	+10	W	1	bc	56	85	8	7	-	6	Tr.	2-3	4000	0	*
	1025·0	+8	-	0	bc	54	85	9	-	-	6	0	4-6	-	1	*
	1025.0	+10	N	2	c	58	85	8	-	4	5	0	7-8	-	1	1
13A	1024·2	+16	SWS	2	bc	57	85	8	1	6	-	2-3	2-3	4000	0	2
13B	1023·5	+8	S	3	bc	56	85	8	5	-	-	2-3	2-3	2500	1	2
15	1025·1	+8	SW	1	b	54	75	8	1	-	-	1	1	4000	0	*
	1024·5	+12	NW	2	bc	57	85	8	7	3	1	2-3	4-6	7200	1	1
	1023·7	+10	SSW	2	bc	59	85	8	5	1	-	2-3	4-6	2500	0	1
16	1023·0	+10	WSW	3	bc	55	85	8	8	-	-	4-6	4-6	800	0	*
17	1024·8	+4	SSE	2	bc	58	85	8	2	-	-	2-3	2-3	5700	0	2
18	1024·9	+8	S	1	b	56	95	8	2	-	-	Tr.	Tr.	2500	0	0
	1025·9	+6	-	0	b	55	85	9	5	-	5	Tr.	1	1500	0	*
19	1025·2	+4	N	1	bc	50	95	8	5	-	5	2-3	4-6	2500	0	*
20	1025·4	+2	-	0	bc	53	95	8	5	-	1	1	2-3	1500	0	1
	1024·4	+6	N	2	bc	56	85	9	5	-	4	2-3	4-6	2500	0	2

PAST 24 HOURS.

District	Temperature. Max. Day 7h–18h °F.	Min. Night 18h–7h °F.	Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 10th Hrs.
	(31)	(32)	(33)	(34)	(35)	(36)
1	82	62	55	-	-	11·2
	82	60	56	-	-	12·5
	83	57	46	-	-	11·8
	77	(54)	52	-	-	13·6
	74	55	52	-	-	13·7
	74	59	53	-	-	13·3
	78	60	55	-	-	12·8
2	77	61	53	-	-	11·5
	73	60	54	-	-	13·7
	71	62	59	-	-	13·4
	84	59	55	-	-	10·5
	84	59	58	-	-	13·3
3	80	57	54	-	-	12·7
	81	58	52	-	-	*
4	78	57	53	-	-	12·0
5	64	58	*	-	Tr	*
	66	58	41	Tr	-	1·8
	67	56	*	0·4	-	*
	65	56	*	0·1	-	2·4
	70	58	56	-	1	5·0
6	63	54	*	Tr	-	2·4
7	60	56	51	2	-	1·1
	78	58	56	Tr	-	3·7
8	76	55	52	Tr	0·1	5·8
10	69	59	*	-	-	12·8
	79	56	50	-	-	7·8
	78	55	53	-	-	*
11	67	51	47	t	-	2·2
	68	46	38	1	-	1·1
12	68	43	38	1	-	6·9
	61	40	35	6	-	1·4
	66	51	*	3	-	4·4
13A	61	46	42	-	-	11·9
13B	63	52	*	0·1	-	8·7
15	64	40	32	-	-	1·8
	71	53	50	4	1	2·9
	62	51	*	Tr	-	*
16	58	51	*	Tr	-	4·4
17	62	47	*	-	-	*
18	62	48	*	-	-	11·3
	68	44	36	0·3	-	3·5
19	68	43	35	0·2	-	5·9
20	63	47	43	-	-	14·3
	67	54	*	-	Tr	*

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bc3o	bybcy	cbc3o	82	62	55	-	-	11·2	*	*	6
Croydon	217	bbcy	cybcy	bcy mo	82	60	56	-	-	12·5	*	*	5
Greenwich (Royal Observatory)	149	bc3oy	bccy	cbc3o	87	61	51	-	-	10·4	40	67	5
City (Bunhill Row)	—				*	*	*	*	*	8·8	*	*	*
Westminster (St. James' Park)	27	*	*	*	82	65	58	-	-	10·7	57	65	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	82	63	58	-	-	10·0	46	71	*
Camden Square	110	bc	c	*	85	64	57	-	-	*	At 12h.	71	*
Kensington	80	bc	bc	*	83	62	56	-	-	12·2	41	67	*
Hampstead Observatory	450	b	bc	bcm	81	60	53	-	-	10·6	*	77	*

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

South Kensington. Max.	Time.	Min.	Time.
0·3	18h 10th	Nil	14-18h 10th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	8h 10th	0·1	15h 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.
Paris	1019·0	NW	2	3o	75	1020·1	NNW	1	b	64
Brussels	1017·8	-	0	bc	77	1019·6	ENE	1	b	72
Berlin	1016·3	NW	2	bc	82	1018·9	NNE	1	3o	68
Zürich	1017·8	SE	3	c	68	1018·7	WNW	1	b	63
Rome	1014·1	W	2	c	77	1014·7	ESE	2	c	77

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
79	59	-	-
84	59	-	-
86	63	-	-
81	57	Tr.	-
-	-	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 15.
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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 12th July, 1935.

No. 26895

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1021.4	−2	E	–	W	77	55	0	6	–	–	10	10	2500
	Croydon ...	1021.3	0		0		76	55	5	–	7	–	0	9+	–
	S. Farnborough	1021.4	−2		–	Zo	81	55	0	2	5	–	4-6	7-8	4000
	Boscombe Down	1021.4	0		–	Zo	77	55	0	8	–	–	4-6	4-6	2500
	Calshot (Sthmtn.)	1021.9	+2		2		77	65	8	8	7	–	2-3	4-6	2500
	Lympne ...	1021.3	−2		2		76	45	7	2	3	–	2-3	4-6	4000
	Manston ...	1021.8	+2		2		76	58	6	5	3	–	4-6	7-8	5700
2	Shoeburyness ...	1022.0	0		2		74	75	6	3	8	–	7-8	7-8	5700
	Felixstowe ...	1022.4	+2		3	Zo	71	75	6	5	8	–	7-8	9	5700
	Gorleston ...	1023.1	+1		2		69	75	6	1	8	–	0	2-3	–
	Mildenhall ...	1021.9	−2		+		78	55	7	2	3	2	2-3	2-3	4000
	Cranwell ...	1023.6	−0		3		76	58	8	1	7	–	1	7-8	5700
3	Birmingham ...	1022.9	0		3		72	45	6	5	–	–	9	9	1500
	Upper Heyford	1022.3	−4		3		75	65	7	1	3	–	1	7-8	4000
4	Ross-on-Wye	1021.8	−4		3	Zo	74	65	6	2	1	–	4-5	4-6	4000
5	Portland Bill ...	1022.0	+6		2		64	95	3	1	–	–	10	10	4150
	Plymouth ...	1022.7	+10		3		64	95	6	5	1	–	9	9	1500
	The Lizard ...	1022.9	0	–	0		63	95	7	7	7	–	4-6	9	2500
	Scilly (St. Mary's)	1023.3	0		2										
	Guernsey ...	1022.4	+6		3		63	85	3	8	1	–	7-8	10	1500
6	Penbroke ...	1022.2	+2		3		57	75	8	8	–	–	9	9	2500
7	Holyhead ...	1024.8	+2		3		62	85	9	1	8	–	1	4-6	4000
	Chester (Sealand)	1024.2	−2		3		71	65	6	5	–	–	7-8	7-8	4000
8	Manchester ...	1023.5	−1		3		74	45	7	5	–	9+	4-6	4-6	4000
10	Spurn Head ...	1024.1	+6		6		62	85	7	5	2	–	4-6	7-8	2500
	Catterick ...	1025.0	+2		2		58	65	7	1	6	–	4-6	4-6	4000
	Tynemouth ...	1025.2	+6		2		59	85	7	5	–	–	4-6	4-6	1500
11	Inchkeith ...	1025.3	+4		2		60	65	8	5	–	–	4-6	4-6	2500
12	Leuchars ...	1026.1	+6		3		63	65	8	1	–	–	1	2-3	4000
	Renfrew (Abbots I.)	1025.2	+2		1		68	65	8	1	–	–	2-3	2-3	4000
	Eskdalemuir ...	1024.6	0		2		68	55	8	7	–	–	4-6	4-6	4000
	Point of Ayre ...	1026.7	0		1		63	75	8	1	–	2	1	2-3	4000
13A	Tiree	1025.3	0		2		63	75	8	2	6	–	2-3	2-3	4000
13B	Stornoway ...	1024.8	0		3		59	75	8	5	7	–	4-6	9	1500
15	Dalwhinnie ...	1025.9	+2		2		57	45	8	1	–	–	2-3	2-3	4000
	Aberdeen ...	1026.3	+8		3		63	65	8	8	3	–	Tr	1	2500
16	Wick ...	1025.3	+8		3		61	95	8	8	7	–	4-6	7-8	1500
	Lerwick ...	1025.5	+14		3		56	85	8	5	–	–	4-6	4-6	1500
17	Blacksod Point	1025.6	0		3		62	55	9	4	–	–	4-6	4-6	5700
18	Malin Head ...	1026.6	+2		3		59	85	9	2	–	–	2-3	2-3	2500
	Aldergrove ...	1026.2	0		2		65	45	9	7	–	–	1	1	2500
19	Birr Castle ...	1025.0	−2		1		67	55	8	4	–	–	7-8	7-8	2500
20	Valentia Obsy. †	1026.1	−6		2		63	65	9	1	–	–	1	1	2500
	Roches Point	1025.3	+6		2		66	75	9	1	–	9	2-3	4-6	2500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1021.4	+2		1	Zo	76	55	6	8	7	–	9+	9+	2500	0	*
	Croydon ...	1021.1	−+		2	Zi	75	65	6	2	7	–	2-3	9+	5700	0	*
	S. Farnborough	1021.1	−2		1	iYo	74	75	6	5	7	–	2-3	10	7200	0	*
	Boscombe Down	1020.8	0	–	0	Zo	72	75	6	3	–	9	7-8	9	1500	0	*
	Calshot (Sthmtn.)	1021.2	−2		3		71	75	8	2	4	6	1	7-8	4000	0	1
	Lympne ...	1021.4	−2		3	bc	73	55	7	2	9	1	2-3	4-6	5700	0	§ 1
	Manston ...	1021.2	−6		3	bc	71	55	6	1	8	–	0	4-6	–	0	*
2	Shoeburyness ...	1021.9	0		2	c	72	75	7	8	7	–	4-6	9	4000	0	*
	Felixstowe ...	1021.8	0		3	bc	73	55	7	1	8	–	0	2-3	–	0	1
	Gorleston ...	1023.0	0		3	bc	69	75	6	1	–	8	0	4-6	–	0	2
	Mildenhall ...	1022.4	+4		3	c	69	55	6	8	3	–	4-6	7-8	2500	0	*
	Cranwell ...	1024.3	+8	+NE	3	bc	68	65	8	1	3	4	2-3	4-6	4000	0	*
3	Birmingham ...	1022.1	−4		3	c	74	55	7	1	4	–	4-6	7-8	2500	0	*
	Upper Heyford	1022.1	+2		3	iYo	68	75	6	8	2	3	+6	9+	2500	0	*
4	Ross-on-Wye	1020.9	−8		2	c	74	65	7	2	1	6	1	9+	4000	0	*
5	Portland Bill ...	1020.8	−14		1		61	95	1	8	–	–	10	10	4150	1	2
	Plymouth ...	1020.7	−14	S	2	c	65	85	7	–	7	2	0	7-8	–	0	0
	The Lizard ...	1021.4	−8	–	0	c	65	85	8	7	2	–	2-3	9	4000	0	1
	Scilly (St. Mary's)	1022.2	−4		2	c	63	85	7	5	–	–	9+	9+	1500	0	1
	Guernsey ...	1021.1	−12		2	c	62	95	4	8	1	–	4-6	7-8	2500	6	1
6	Penbroke ...	1021.1	−6		3	bc	68	85	8	–	7	–	0	4-6	–	0	1
7	Holyhead ...	1024.0	−6		3	bc	60	85	8	–	–	6	0	4-6	–	1	2
	Chester (Sealand)	1023.8	0		2	c	65	65	8	5	–	–	7-8	7-8	5700	0	*
8	Manchester ...	1023.3	0		3	Zo	73	55	6	5	–	–	4-6	4-6	4000	0	*
10	Spurn Head ...	1024.4	0		6	c	59	95	7	5	2	–	7-8	10	1500	0	5
	Catterick ...	1025.3	−2		2	Zo	64	75	6	–	8	–	0	1	–	0	*
	Tynemouth ...	1026.1	0		1	c	58	95	7	4	–	–	9+	9+	4000	0	1
11	Inchkeith ...	1025.0	−12		2	Zo	59	95	5	5	–	–	4-6	4-6	1500	0	2
12	Leuchars ...	1026.2	+2		3	b	59	85	8	1	–	–	Tr	Tr	4000	0	*
	Renfrew (Abbots I.)	1024.2	−6		3	b	68	55	8	1	–	–	Tr	Tr	4000	0	*
	Eskdalemuir ...	1024.1	−2		1	b	70	45	8	8	–	–	1	1	4000	1	*
	Point of Ayre ...	1025.0	−8		2	bc	65	95	8	2	–	3	1	2-3	4000	0	1
13A	Tiree	1024.8	−6		1	b	61	75	9	1	–	5	Tr	Tr	4000	0	1
13B	Stornoway ...	1024.4	−2		3	bc	61	85	8	5	7	–	2-3	4-6	2500	1	1
15	Dalwhinnie ...	1025.4	−4		3	bc	70	45	8	1	–	–	2-3	2-3	4000	0	*
	Aberdeen ...	1026.4	+2		3	b	59	75	8	–	–	1	0	Tr	–	0	1
	Wick ...	1025.8	0		2	bc	57	95	8	5	–	–	2-3	2-3	2500	0	1
16	Lerwick ...	1026.2	+6		2	bc	59	85	5	7	–	–	2-3	2-3	2500	0	*
17	Blacksod Point	1024.4	−8		3	b	61	75	9	4	–	–	1	1	5700	0	3
18	Malin Head ...	1024.9	−8		3	b	58	85	9	2	–	–	Tr	Tr	2500	0	1
	Aldergrove ...	1023.8	−16		2	bc	56	95	9	4	–	–	2-3	2-3	4000	0	*
19	Birr Castle ...	1023.4	−10		1	c	72	45	8	4	–	–	7-8	7-8	2500	0	*
20	Valentia Obsy. †	1025.0	−8		3	b	52	65	9	1	6	–	Tr	Tr	2500	0	1
	Roches Point	1023.7	−8		1	b	65	85	9	1	–	–	1	1	2500	0	1

PAST 24 HOURS.

Weather. 7h.–12h. (37)	12h.–18h. (38)	18h. 11m. to 1h. 12m. (39)	1h.–7h. 12m. (40)
ez₀u	ef|y	ef|c	cfcm₀
bczoc[23]₁₀	cz₀	cuPR₇₀	b,cn₂,p₀
cz₀y	yczoiY₀	cn bcc	cR;mbc
cbczoy	fIRcm₀	cm₀ bcf	bcf cm.
cfcbm₀c	bcc	cbcm₀	bcm.
cfR₇cy	cy	bcfcm₀	bcm₀
cbczoy	cczoy	bc3eycbc	bcm.
bzoC	bcc	cbcm₀	bcmt
bzoCz₀	czoby	bcy	bcbz₀
bbczo	bczo	bzobc	bc3e
bz₀	bcrof	cm₀	com₀
c	cybc	bcc	cafra
oc.	cbc	bcc	c
cm₀nbc	bcrY₀	cfom₀	cmd₀6
cocnbc	bczc	cfcc	co
o|||	o|||	ff bc	bc3₀
cz₀	cz₀	c	coFF
bc.	cbcc	cbc	bcw
bcc	c	bcwF	Fbc
bfbc	ci|bc	offbf	bfbc
c	cbc	f	cm₀
cbc	bc	bcco	pbcb
oz₀	c	cm₀	cm₀bcm
czocbc	cybcz₀	bcbm₀	cbcm
c	c	cFFw	Ffw
cbc	bcbz₀	3obcom	om₀
bc	bcc	o	oc
z₀bc	bc	bcw	bcc
bcbyb	b	bbcm₀c	c
bbcwy	bcwby	by bcc	cm₀
bcy	bcyby	by bw	bw
bc	bc	bcobc	bcw
bcb	bcb	6w	6bc
bcc|bz	cbc	bcb	bbcc
b	b	*	bc
bcb	b	b	bwbcc
bcc	cbc	bc	bc
bc	bc	bc	bcm₀c
bc	bc	bc	bc
bc	bc	bc	bc
bwbcb	by bc-b	bbcc	c
cy	cy	cbc	bcb
bcbv	bv	bvb	bwbc
bc	bcb	bbw	bwb

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
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:—be/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ See disturbance reported from Dungeness.

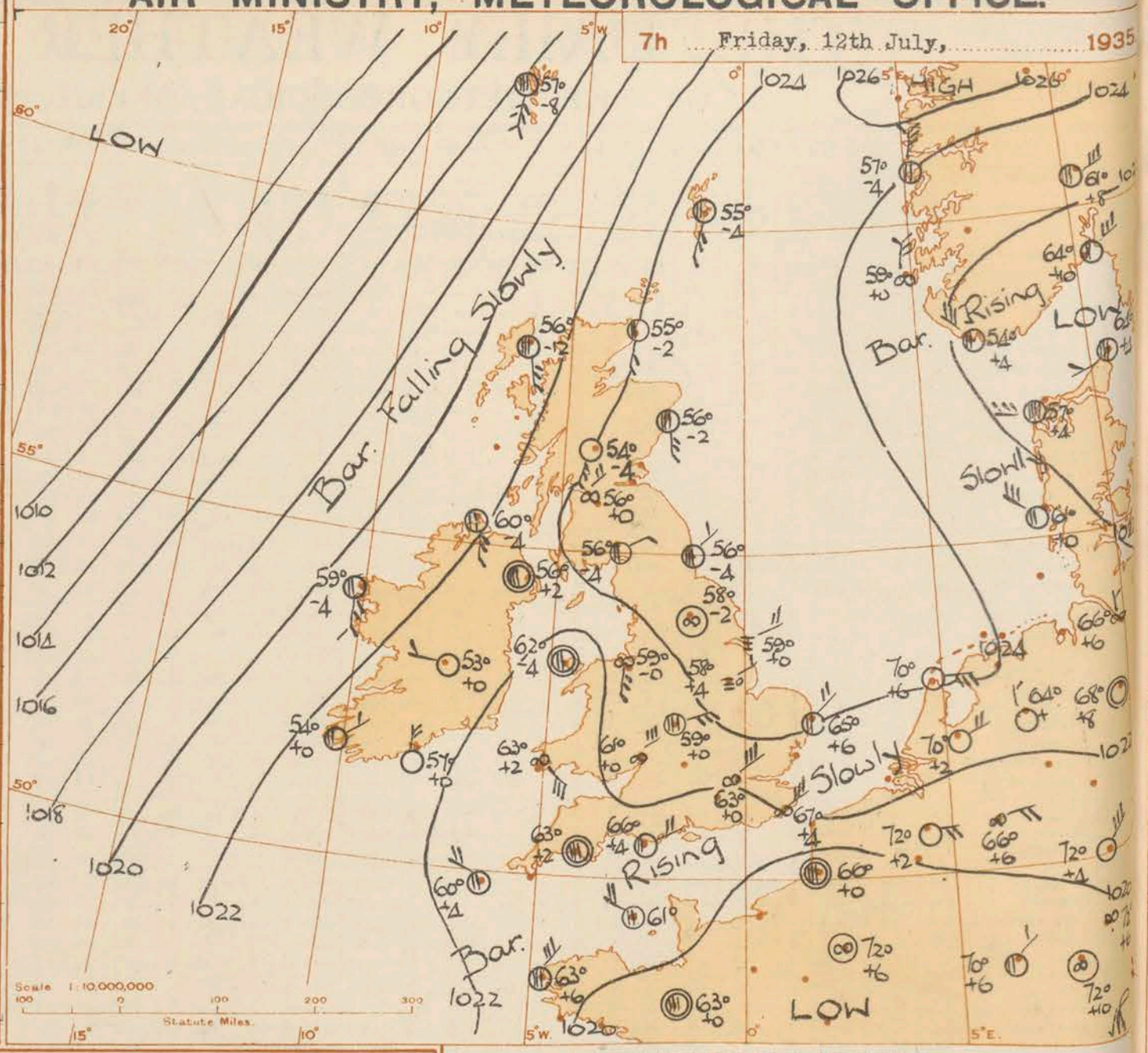
REPORTS from HEALTH RESORTS for 11th July 1935

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. to 9h.	Temperature. Max. 9h.–17h.	Rainfall. Night. 17h. to 9h.	Rainfall. Day. 9h.–17h.	Sunshine. Sunrise to 17h.	Sunshine. Sunrise to Sunset.
1	Tunbridge W.	bcco	oebc	56	78	—	—	4·6	12·7
	Bournemouth	mbc	bbc	59	77	—	—	6·7	13·4
	Ventnor ...	ombm	bbcm	58	73	—	—	5·8	13·7
	Southsea ...	b	bbc	59	80	—	—	6·3	13·5
	Bognor Regis	bc	bcbc	58	71	—	—	7·7	12·4
	Littlehampton	bc	bc	57	72	—	—	8·8	14·0
	Worthing ...	b	bbcc	59	74	—	—	10·7	14·3
	Brighton ...	bmbc	bc	58	72	—	—	4·6	12·6
	Eastbourne† ...	c	cbcv	59	76	—	—	4·0	14·4
	Hastings† ...	cbccb	bc	60	78	—	Trace	5·2	14·0
	Folkestone ...	bc	bcbbc	57	80	—	—	7·2	13·6
	Dover ...	cbc	bcc-bc	59	79	—	—	6·9	14·1
	Deal	ocbc	cbcc	61	75	—	—	3·8	13·6
	Ramsgate ...	cmobc	bc	63	77	—	—	4·5	12·6
	Margate ...	cbc	bc	64	71	—	—	5·1	12·9
2	Southend ...	bcze	bcc	63	80	—	—	8·3	14·2
	Maldon ...	b	bcc	57	81	—	—	7·3	12·2
	Clacton-on-Sea	bcz	bcz	63	74	—	—	7·9	13·6
	Dovercourt ...	bzbcz	bcz	62	75	—	—	9·2	13·5
	Lowestoft ...	b	b	61	75	—	—	12·2	13·0
	Skegness' ...	obc	bco	60	66	—	—	4·7	13·6
	Mablethorpe...	ocbc	bcom	61	65	—	—	3·8	12·9
	Cleethorpes ...	bcc	bcc	60	66	—	—	3·5	12·2
3	Leamington S.	bc	bc	59	78	—	—	6·3	12·8
4	Cheltenham†	cmbc	bcbbc	57	80	—	—	5·4	13·4
5	Bath	cbcb	bcctl	60	80	—	—	4·7	12·4
	Weymouth ...	mbm	bm	59	73	—	—	3·1	0·1
	Jersey ...	bc	cbcc	56	73	—	—	6·8	11·8
	Torquay ...	oe2o	bc2o	59	70	—	—	5·7	3·6
	Penzance ...	bccbc	bcc	57	69	—	—	2·7	0·4
	St. Ives ...	c	c	55	65	—	—	2·2	0·0
	Bude... ...	cbcc	bcc	57	71	—	—	3·6	0·3
	Ilfracombe ...	oebc	bbc	60	70	—	—	8·9	1·3
6	Aberystwyth	cb	bcc	59	69	1	—	5·0	1·4
7	Llandudno ...	c	cbc	57	66	—	—	6·3	3·3
	Colwyn Bay...	bcbcc	cbcc	54	65	—	—	7·5	4·2
	Rhyl	bcc	cbcc	58	68	—	—	8·8	3·8
8	Wallasey ...	cbc	bcc	59	70	Trace	—	3·3	2·8
	Southport‖ ...	bcc	bcc	59	74	1	—	6·6	3·8
	Blackpool ...	bcb	bcc	57	71	Trace	—	3·3	4·4
	Morecambe ...	bc bc	bcbc	60	76	—	—	8·6	4·7
9	Ilkley... ...	bbcbc	bcb	60	73	—	—	5·0	8·8
	Harrogate ...	b	b	58	71	—	—	7·8	9·6
10	Berwick-on-T.	bc	co	49	60	—	—	7·9	4·5
11	Dunbar ...	bc	bc	51	61	—	—	11·7	2·1
12	Troon... ...	bbcb	bbvb	52	75	—	—	12·0	5·6
	Douglas ...	bc	bc	53	70	—	—	6·6	3·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 12th July, 1935



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th July, 1935.
1 S.E. England	Light or moderate northeast wind; variable cloud, local thunderstorms or showers; warm and close.
2 E. England ...	
3 E. Midlands ...	Light or moderate northeast wind; mainly fair, thundery tendency later in southern part of districts; warm and close.
4 W. Midlands ...	
5 S.W. England	Light variable wind; mainly fair; local thunderstorms or showers; warm and close.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light southeast wind; fair or fine; warm.
9 N. Midlands ...	
10 N.E. England	Light east wind; variable cloud, local coast fog; rather warm inland.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 8 - 9.
13 A. W. Scotld. / B.N.W.Scotland.	Moderate southerly wind; fair or fine; warm.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. Temperature is given in degrees F.
Weather Symbols: Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 5/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. 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.

GENERAL INFERENCE.

A belt of high pressure over the British Isles is decreasing in intensity. Weather will be mainly fair, but with a southeasterly upper current there is still a thundery tendency in the South, especially for thunderstorms coming over from the Continient in the evening or night.

FURTHER OUTLOOK.

Similar conditions. Perhaps rain later in West Ireland.

Forecasts issued at 09.50 G.M.T.

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

H.M.Stationery Office Press, Kingsway, W.C.2. 6212/2904 Wt.8081 D.6001 Gp.908 29760. 7/35

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

Morning of
FRIDAY
12th JULY.
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 12th July 1935.

No. 26895

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)	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	10[illegible]2.0	0	NE	2	bc	65	86	6	-	3	-	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022.2	+2	*	*	c	63	75	5	5	1	-	2-3	7-8	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023.8	+2	NW	1	bc	68	86	6	-	3	-	0	2-3	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1020.7	-6	NNW	3	bc	61	95	7	4	-	-	2-3	2-3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1024.3	-6	-	0	bc	60	95	8	4	-	-	2-3	2-3	1500
	Scilly (St.Mary's)	163	1022.1	-4	NW	2	bc	58	95	1	5	-	-	4-6	4-6	< 150
	Guernsey ..	175	1021.6	-8	-	0	bc	56	95	3	-	-	-	0	0	-
6	Pembroke ...	142	1020.7	-4	ENE	2	c	62	83	7	5	-	-	9	9	2500
7	Holyhead ...	26	1022.7	-8	N'ly	2	c	59	85	8	-	-	7	0	10	-
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1025.1	0	NE	3	o	56	95	1	5	-	-	10	10	< 150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026.2	0	ENE	1	o	56	95	6	5	-	-	10	10	1500
11	Inchkeith ...	190	1025.2	0	E	1	bc	55	95	8	4	3	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1024.3	0	S	1	bc	59	75	8	-	2	-	0	4c	7000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1023.2	-6	SSW	2	bc	53	85	8	5	-	-	2-3	2-3	4000
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1024.1	-10	S	2	bc	55	95	8	5	1	-	2-3	4c	2500
16	Lerwick ...	156	1026.5	0	SSW	1	bc	50	95	7	5	-	1	Tr	2-3	450
17	Blacksod Point	18	1024.1	-4	W	2	b	56	75	8	4	-	-	1	1	5700
18	Malin Head ...	52	1022.8	-14	S	1	b	53	95	8	5	-	-	Tr	Tr	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1024.0	-10	W'ly	1	b	54	85	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 * (30)
1022.4	0	NE'E	3	c	63	85	6	5	7	-	4-6	7-8	2500	1	*
1022.2	0	NE'E	3	3o	63	85	5	-	9	-	0	2-	-	1	*
1021.8	+2	NE'E	2	3o	61	95	6	5	9	-	2-3	4-6	5700	1	*
1021.5	0	NE	1	3o	62	95	5	5	-	-	2-3	2-3	4000	1	*
1020.7	-2	N'W	2	3o	67	85	5	-	3	-	0	4-6	-	0	1
1021.9	+4	NNE	3	3o	67	85	6	8	8	1	4-6	7-8	5700	0	1
1021.8	+4	NNE	1	3o	68	85	6	-	8	1	0	2-3	-	0	*
1021.9	+6	NNE	2	bc	68	83	6	-	-	7	0	4-6	-	0	*
1022.6	+6	NE'N	3	bc	67	78	7	-	3	4	0	2-3	-	0	1
1023.9	+6	NNE	2	bc	65	85	6	-	3	-	0	2-3	-	0	2
1023.5	+6	N	1	3o	62	95	6	5	-	-	10	10	450	0	*
1025.0	+4	NE	1	m	58	98	4	5	-	-	10	10	220	0	*
1023.6	0	ENE	3	c	59	98	5	6	-	-	9+	9+	1500	0	*
1023.0	0	NE	3	4c	59	95	5	8	-	-	10	10	800	1	*
1022.6	0	NE'E	3	3o	61	85	5	5	-	-	9+	9+	1500	0	*
1021.5	+4	ENE	2	bc	66	85	6	4	-	-	2-3	2-3	2500	1	2
1020.9	+2	-	0	bc	63	85	6	1	-	1	Tr.	2-3	2500	0	0
1021.1	+2	-	0	bc	61	95	7	7	-	-	2-3	2-3	2500	0	0
1021.8	+4	NW	2	bc	60	95	7	-	4	2	0	2-3	-	0	1
1020.8	-8	NW	2	bc	61	95	5	-	3	2	0	4-6	-	0	1
1020.0	+2	SE	3	3o	63	95	6	6	1	-	4-6	7-8	4000	0	1
1021.5	-4	-	0	bc	62	85	7	-	-	8	0	2-3	-	0	1
1023.4	0	SSE	3	3o	59	85	5	5	-	-	7-8	7-8	4000	0	*
1023.8	+4	E	3	3o	61	85	5	5	3	-	4-6	6-	4000	0	*
1024.9	0	ENE	2	f-	59	95	3	5	-	-	10	10	<150	1	1
1025.3	+2	-	0	3o	58	95	6	8	-	-	10	10	1500	0	*
1024.7	-4	NE	1	c	56	95	7	6	-	-	7-8	7-8	1500	0	1
1024.7	-2	NE	3	c	55	95	8	5	3	-	4-6	7-8	2500	0	1
1025.2	+2	E	3	c	55	95	7	5	-	-	10	10	1500	0	*
1024.7	-4	SE	3	bc	62	85	8	-	4	-	0	4-6	-	0	2
1021.4	-0	SSE	4	bc	59	85	7	5	3	1	1	4-6	4000	0	3
1021.0	-12	SSE	3	c	56	85	9	1	-	2	Tr.	7-8	4000	0	2
1024.9	-4	SSW	4	bc	64	85	7	5	-	-	4-6	4-6	800	0	*
1026.2	-2	S	3	c	56	85	8	5	-	-	9	9	1500	0	1
1023.3	-2	SSW	2	bc	55	95	8	5	6	-	2-3	4-6	2500	0	2
1024.6	-4	S	3	bc	55	95	8	5	-	1	2-3	2-3	800	0	*
1020.7	-4	S	4	bc	59	75	8	2	-	-	4-6	4-6	5700	0	3
1021.8	-4	S'E	3	b	60	85	8	2	8	1	Tr.	1	4000	0	1
1023.3	+2	-	0	c	56	75	8	5	7	-	9	9+	4000	0	*
1022.4	0	WNW	1	b	53	95	8	-	-	-	0	0	-	0	*
1022.6	0	NE'E	1	b	54	85	8	1	3	1	Tr.	1	2500	0	1
1022.2	0	N	2	b	57	85	9	-	-	-	0	0	-	0	1

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 Hrs. (36)
1	London (Kew)	78	61	59	0.5	3	5.2
	Croydon ...	80	62	60	0.1	4	5.6
	S. Farnborough	82	60	56	Tr	6	5.6
	Boscombe Down	81	60	58	2.0	tr	7.1
	Calshot (Sthmtn.)	80	64	61	-	-	9.1
	Lympne ...	80	61	59	Tr	-	9.9
	Manston ...	77	61	58	-	-	6.8
2	Shoeburyness ...	77	59	56	-	-	9.6
	Felixstowe ...	74	59	57	-	-	9.4
	Gorleston ...	72	59	58	-	-	13.8
	Mildenhall ...	73	60	59	1	-	7.8
	Cranwell ...	78	56	56	-	-	7.7
3	Birmingham ...	76	57	57	-	-	1.5
	Upper Heyford	77	59	58	Tr	0.3	*
4	Ross-on-Wye	77	60	59	-	Tr	4.4
5	Portland Bill ...	66	57	*	-	-	*
	Plymouth ...	68	56	55	-	-	6.2
	The Lizard ...	68	57	*	-	-	*
	Scilly (St.Mary's)	66	57	*	-	Tr.	8.2
	Guernsey ..	69	56	55	-	-	4.0
6	Pembroke ...	71	61	*	-	-	7.8
7	Holyhead ...	63	57	51	-	-	13.4
	Chester(Sealand)	72	52	48	-	-	1.5
8	Manchester ...	76	57	50	-	-	2.1
10	Spurn Head ...	63	55	*	-	0.1	1.5
	Catterick ...	69	55	55	-	-	8.6
	Tynemouth ...	62	55	53	-	-	*
11	Inchkeith ...	67	53	47	-	-	14.9
	Leuchars ...	65	54	53	-	-	14.8
12	Renfrew (Abbotsl.)	71	54	52	-	-	14.2
	Eskdalemuir ...	72	49	45	-	-	13.2
	Point of Ayre...	66	56	-	-	-	14.0
13A	Tiree	63	49	44	-	-	14.6
13B	Stornoway ...	63	51	*	Tr	-	8.8
15	Dalwhinnie ...	71	48	43	-	-	13.9
	Aberdeen ...	64	52	45	-	-	12.7
	Wick ...	63	52	*	-	-	*
16	Lerwick ...	60	49	*	-	-	16.6
17	Blacksod Point	63	54	*	-	-	*
18	Malin Head ...	61	51	*	-	-	14.8
	Aldergrove ...	69	46	41	-	-	15.0
19	Birr Castle ...	72	49	40	-	-	10.2
20	Valentia Obsy. †	64	46	40	-	Tr	15.1
	Roches Point	67	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	c 3o u	ctpr	cpr c m.	78	61	59	0.5	3	5.2	*	*	6
Croydon	217	bc 5o c pc	c 3o	cu pR 3o	80	62	60	0.1	4	5.6	*	*	6
Greenwich (Royal Observatory)	149	bc 3o c y	c y	c c 3o	81	61	57	-	0.3	5.0	66	73	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	5.2	*	*	*
Westminster (St. James' Park)	27	*	*	*	81	66	60	-	-	5.1	51	68	*
Regents Pk. (Botanic Gardens)‡	168	*	*	*	82	62	60	-	Tr.	5.6	51	73	*
Camden Square	110	bc	c	*	82	62	58	-	-	*	*	72	*
Kensington	80	bc c tr	c	*	81	62	59	-	0.3	5.1	At 18h. 59	73	*
Hampstead Observatory	450	bc pr l	b	bc p	78	58	52	Tr.	Tr.	6.1	*	81	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.3	18h 11m	< 0.1	3h 12m

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	6h 12m	< 0.1	16h 11m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 11m. July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 12m. July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017.8	NW	2	b	84	1018.3	-	0	3o	72
Brussels	1019.2	NE	3	b	81	1020.4	E'N	2	b	72
Berlin	1019.2	NE	1	bc	77	1022.2	-	0	b	72
Zürich	1017.4	ENE	2	bc	63	1019.6	ENE	1	b	64
Rome	1015.7	WNW	2	bc	77	1016.6	NNE	2	b	76

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day mm.	Rainfall Night mm.
86	64	-	-
86	63	-	-
82	59	-	-
88	59	-	-
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 13th July

26896

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)	°F. Temp. (6)	% Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1021.1	-6	SSE	2	c	77	55	6	5	1	1	6	10	2500
	Croydon ...	1020.8	-4	NE	3	c	77	55	6	5	3	1	2-3	7-8	3700
	S. Farnborough	1020.7	-5	NE	3	c	77	55	6	-	3	1	Tr	4-6	7200
	Boscombe Down	1020.3	-6	NE	2	No	78	55	6	-	3	1	0	Tr	-
	Calshot (Sthmtn.)	1020.4	-2	NE	2	No	81	55	6	-	3	1	0	4-6	-
	Lympne ...	1021.2	-2	NE	2	c	77	55	7	-	-	-	0	0	-
	Manston ...	1021.8	0	NNE	4	No	73	65	6	-	-	-	0	0	-
2	Shoeburyness ...	1022.4	0	NE	4	c	74	68	7	-	3	1	0	Tr	-
	Felixstowe ...	1022.8	0	NE	4	c	71	65	7	1	3	1	0	Tr	-
	Gorleston ...	1024.9	0	NE	3	c	67	75	7	1	1	1	0	0	-
	Mildenhall ...	1021.9	-8	E	3	c	82	55	7	1	4	1	0	Tr	-
	Cranwell ...	1023.3	-10	NE	2	c	78	55	7	1	3	1	0	4-6	-
3	Birmingham ...	1022.4	-4	E	2	bc	72	55	6	-	-	2	0	2-3	-
4	Upper Heyford	1021.5	-6	E	3	c	77	55	7	5	7	1	2-3	9	4000
	Ross-on-Wye	1021.0	-6	ESE	2	c	75	65	7	1	1	9	0	1	-
5	Portland Bill ...	1020.6	-6	ENE	2	c	71	85	7	-	-	-	0	0	-
	Plymouth ...	1021.3	+6	S	3	bc	67	85	7	2	-	1	1	2-3	2500
	The Lizard ...	1021.3	+2	W	1	bc	70	85	7	2	-	-	2-3	2-3	1500
	Scilly (St.Mary's)	1022.0	+6	W	2	c	71	65	7	-	4	-	0	1	-
	Guernsey ...	1020.8	0	WSW	2	N	73	65	4	-	1	8	0	4-6	-
6	Pembroke ...	1020.8	-2	SSE	2	No	68	85	6	7	7	-	2-3	4-6	4000
7	Holyhead ...	1021.2	-4	-	0	c	65	85	7	1	-	-	Tr	Tr	4000
	Chester(Sealand)	1022.1	-8	SE	3	No	79	55	6	1	3	-	0	2-3	-
8	Manchester ...	1022.2	-10	SSE	1	No	79	55	6	-	3	-	0	4-6	-
10	Spurn Head ...	1025.0	0	E	3	c	64	85	7	5	2	-	7-8	10	800
	Catterick ...	1023.7	-10	SE	2	c	72	65	7	1	-	9	Tr	1	4000
	Tynemouth ...	1024.7	-6	ESE	1	c	61	95	6	7	-	-	9	9	1800
11	Inchkeith ...	1022.8	-8	NE	3	bc	60	85	8	5	-	-	2-3	2-3	2500
12	Leuchars ...	1023.7	-8	E	3	c	63	75	8	1	-	-	Tr	Tr	4000
	Renfrew (Abbots I.)	1021.4	-18	NE	3	No	53	65	6	1	-	-	1	1	4000
	Eskdalemuir ...	1021.5	-14	SSE	3	c	72	65	7	1	-	-	Tr	Tr	4000
	Point of Ayre...	1021.7	-10	S	3	bc	70	65	7	1	4	-	0	2-3	-
13A	Tiree	10206	+0	S	4	b	67	65	8	-	-	5	0	1	-
13B	Stornoway ...	1019.5	-8	SSW	5	bc	65	85	8	1	7	-	1	4-6	4000
15	Dalwhinnie ...	1021.8	-14	S	4	c	67	65	7	8	2	-	4-6	9	1800
	Aberdeen ...	1023.7	-10	S	4	bc	60	75	7	5	-	-	2-3	2-3	1500
16	Lerwick ...	1021.7	-12	SSE	2	bc	60	95	8	5	1	-	2-3	4-6	2500
	...	1023.1	-10	S	3	bc	56	85	8	5	9	6	1	4-6	1500
17	Blacksod Point	1020.4	0	S	4	bc	62	75	8	2	-	1	4-6	4-6	5700
18	Malin Head ...	1020.8	-4	SSW	3	bc	72	95	8	2	-	1	4-6	4-6	4000
	Aldergrove ...	1021.0	-14	S	2	No	71	65	6	7	-	-	7-8	7-8	2500
19	Birr Castle ...	1021.4	-6	N	1	bc	74	55	8	1	-	-	4-6	4-6	2500
20	Valentia Obsy. †	1022.9	-2	S	4	bc	66	65	9	1	-	-	Tr	2-3	2500
	Roches Point	1022.1	-2	SSW	1	bc	67	85	9	1	-	-	2-3	2-3	2500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020.6	-2	ENE	4	b	78	55	6	-	3	-	0	1	-	0	*
	Croydon ...	1020.0	-2	NNE	3	b	75	55	8	-	3	-	1-2	Tr	-	0	*
	S. Farnborough	1020.0	-2	NNE	2	b	77	55	7	-	8	-	1-2	Tr	7200	0	*
	Boscombe Down	1019.6	-4	NNE	2	No	78	65	5	5	1	-	1-2	9	5700	0	*
	Calshot (Sthmtn.)	1019.4	-2	NE	1	No	77	75	6	-	3	-	0	Tr	-	0	*
	Lympne ...	1020.2	-2	NE	4	b	73	65	7	-	1	-	0	Tr	-	0	§ 2
	Manston ...	1020.3	-10	ENE	4	b	70	65	7	-	-	-	0	0	-	0	*
2	Shoeburyness ...	1021.3	-6	NE	4	b	69	85	7	-	-	-	0	0	-	0	*
	Felixstowe ...	1021.6	-10	NNE	4	b	68	75	7	2	8	-	Tr	1	4000	0	2
	Gorleston ...	1023.1	-8	NNE	3	b	66	85	6	-	-	-	0	0	-	0	2
	Mildenhall ...	1021.8	0	ENE	2	bc	76	45	7	-	4	9	0	4-6	-	0	*
	Cranwell ...	1022.6	+2	ENE	3	c	72	55	7	5	7	-	2-3	9	5700	0	*
3	Birmingham ...	1020.9	-6	ESE	2	c	78	55	7	5	-	-	7-8	7-8	4000	0	*
4	Upper Heyford	1021.0	-2	E	2	c	78	55	6	-	9	-	0	9	-	1	*
	Ross-on-Wye	1019.8	-8	NNE	1	bc	79	65	7	2	-	-	2-3	2-3	4000	0	*
5	Portland Bill ...	1019.4	-10	NW	3	b	70	85	7	-	-	-	0	0	-	0	2
	Plymouth ...	1019.8	-8	S	1	b	69	85	7	2	-	-	1	1	2500	0	1
	The Lizard ...	1021.0	-4	W	2	b	68	85	7	-	-	-	0	1	-	0	0
	Scilly (St.Mary's)	1021.7	-4	NW	3	b	65	75	8	7	-	-	1	1	4000	0	1
	Guernsey ...	1020.1	-6	NNW	2	N	69	75	4	-	1	8	0	4-6	-	0	1
6	Pembroke ...	1020.3	+2	NW	2	E	00	95	1	-	-	-	10	10	450	0	1
7	Holyhead ...	1020.7	-4	NNW	1	b	66	75	7	-	-	-	0	0	-	0	0
	Chester(Sealand)	1020.7	-8	ESE	2	No	77	65	7	-	3	-	0	0	-	0	*
8	Manchester ...	1021.0	-10	SE	3	N	78	55	6	-	-	-	0	0	-	0	*
10	Spurn Head ...	1023.4	-6	E'S	3	b	61	95	3	5	-	-	10	10	450	0	2
	Catterick ...	1022.3	-6	SE	2	No	72	75	6	-	3	-	0	7-8	-	0	*
	Tynemouth ...	1022.3	-6	SE	2	c	59	95	6	4	-	-	7-8	7-8	4000	0	1
11	Inchkeith ...	1020.3	-12	NNE	3	c	58	95	7	8	5	-	4-6	7-8	1500	0	2
12	Leuchars ...	1022.0	-10	E	3	b	61	85	7	-	-	-	1	1	2500	0	*
	Renfrew (Abbots I.)	1019.5	-14	SSW	2	No	76	65	6	-	-	-	1	1	4000	0	*
	Eskdalemuir ...	1021.1	-8	SW	3	b	74	65	7	3	4	-	1	1	2500	1	*
	Point of Ayre...	1020.0	-6	W	1	b	71	65	7	-	-	-	0	0	-	0	1
13A	Tiree	1018.7	-10	SSE	2	b	65	75	7	-	-	5	0	Tr	-	0	2
13B	Stornoway ...	1018.1	-6	SSW	5	c	59	75	8	1	7	2	2-3	7-8	4000	0	2
15	Dalwhinnie ...	1019.6	-20	S	4	No	57	75	9	8	-	-	4-6	4-6	2500	0	*
	Aberdeen ...	1022.1	-14	SSE	4	b	53	85	7	1	-	-	1	1	1500	0	2
16	Lerwick ...	1019.8	-12	S	3	bc	60	85	8	5	4	1	2-3	4-6	2500	0	2
	...	1022.6	0	S	3	c	55	95	8	5	7	9	2-3	7-8	1500	0	*
17	Blacksod Point	1018.8	-8	S	5	bc	61	75	8	-	4	-	0	4-6	-	0	4
18	Malin Head ...	1018.6	-8	NW'W	2	bc	65	95	8	7	8	-	2-3	2-3	4000	0	2
	Aldergrove ...	1019.5	-6	SW	1	c	74	65	7	8	-	-	7-8	7-8	2500	0	*
19	Birr Castle ...	1019.6	-12	S	1	bc	76	55	8	1	-	-	4-6	4-6	2500	0	*
20	Valentia Obsy. †	1021.4	-2	S	4	b	64	75	9	1	3	-	Tr	1	2500	0	1
	Roches Point	1021.2	-4	SW	2	b	70	75	9	-	4	-	0	Tr	-	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h. ...12m... (37)	Weather. 13h.—18h. ...12m... (38)	Weather. 18h.12m to 1h.13m... (39)	Weather. 1h.—7h. ...13h... (40)
1	London (Kew)	c z₀	bc b z₀	b 3₀	b m₀ w
	Croydon ...	c h w₀ b y r₀	c z₀ b y	b y 3₀ w	b w o f f
	S. Farnborough	b c w₀ c z₀	b c z₀ b y	b y b	b w b m f
	Boscombe Down	b z₀ y	b y b c z₀	c b c b m₀	b b c m
	Calshot (Sthmtn.)	b c o b c z y	b c b z₀	b 3₀ b m₀	b b c i m
	Lympne ...	b c m o b c z y	b y	b	b m₀
	Manston ...	b w₀	b m₀ b y	b w r₀	b w r₀
2	Shoeburyness ...	b	b w₀	b	b 3₀
	Felixstowe ...	b	b	b	b 3₀
	Gorleston ...	b c b	b	b	b
	Mildenhall ...	o h w₀ b	b c y	b c y	b c m f c
	Cranwell ...	c z₀ b c	b c c y	c y m₀	c m f m₀
3	Birmingham ...	c b c	b c	b c b	b
4	Upper Heyford	c r₀ c y c	c b c c y	c b m₀	b c b m₀
	Ross-on-Wye	c h w₀ b 3₀	b z₀ b c z	b 3₀	b m w
5	Portland Bill ...	b c z₀	b	b c	b c
	Plymouth ...	b c h w₀ b	b f f	b	b i c h
	The Lizard ...	b c	b c b	b b c b	b f b c
	Scilly (St.Mary's)	b c b	b	b	b w b a
	Guernsey ...	b c z	b c i 3	b c h	b 3 b
6	Pembroke ...	c c h w₀	b c m o f f₀	f e f c o	~~m m~~ i f m. b c
7	Holyhead ...	b - c b	b	b c b w	b w m₀
	Chester(Sealand)	b c z y	z a y b	b m₀	b m w
8	Manchester ...	~~c g f~~ c b c z₀	b c z y	b 3₀ y	b 3₀ b m
10	Spurn Head ...	f f c	c f f	f f m w	m c
	Catterick ...	h m₀ b c b	b c z₀	c 3₀ b w m	b w m o m₀
	Tynemouth ...	c	c	c f f b c	b c
11	Inchkeith ...	c b c	b c c	c	b c c 3
12	Leuchars ...	c h c b	b	c m₀	f f j f
	Renfrew (Abbots I.)	c b c b h w₀	b z c y b z₀	b 3₀ m w	b m i w m g
	Eskdalemuir ...	b w b	b y	b y c m₀	c m₀
	Point of Ayre...	c b c	b c b	b b c c	c b c 3₀
13A	Tiree	b c b	b c	b	b
13B	Stornoway ...	b c b	b c	b	b
15	Dalwhinnie ...	c h c y	b c c	c	c
	Aberdeen ...	c h c b	b	c m₀	c
	Wick ...	b c	b c z	*	c
16	Lerwick ...	c b c	b c b	b b c c	c m i f b
	...	b c	b c	b c c	c
17	Blacksod Point	b c	b c	c m₀	o m f f e
18	Malin Head ...	b c	b c	b c	b D
	Aldergrove ...	c z₀	c z₀ b c - c	c 3₀	c
19	Birr Castle ...	b b c y	b c y	b c	b c c
20	Valentia Obsy. †	b b c y	b c b V	b w b c c	c o f o G
	Roches Point	b b c	b c b	b b c w	b c w c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

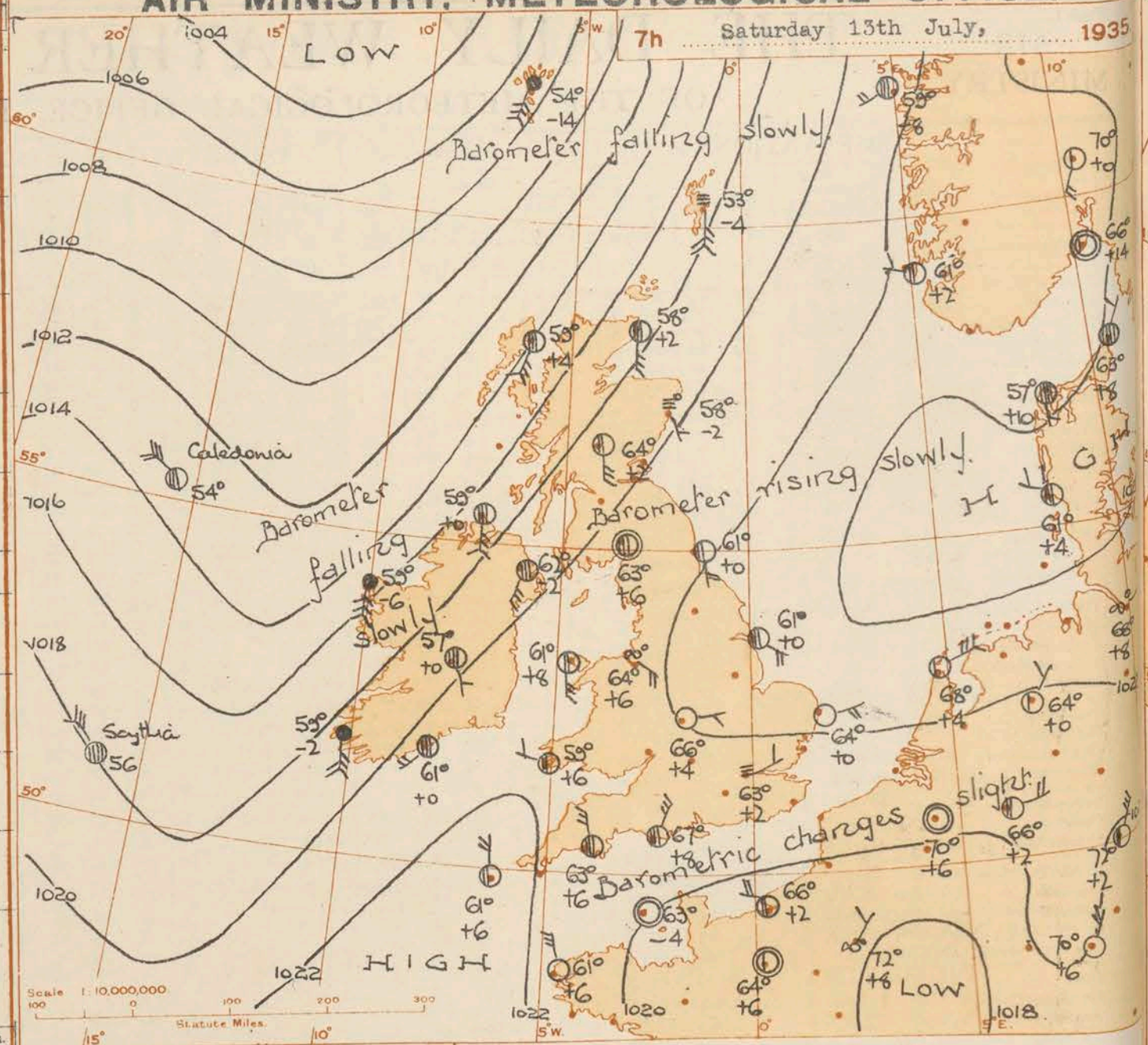
REPORTS from HEALTH RESORTS for 12th July 1935.

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 11m. to 9h. 12m.	Temperature. Max. 9h.—17h. 12m.	Rainfall. Night. 17h. 11m. to 9h. 12m.	Rainfall. Day. 9h.—17h. 12m.	Sunshine. Sunrise to 17h. 12m.	Sunshine. Sunrise to Sunset. 11m.
1	Tunbridge W.	o h o c	c b c b	63	81	Trace	—	4.9	4.8
	Bournemouth	b	b	60	84	—	—	10.7	6.9
	Ventnor ...	b c b z	b z	64	81	—	—	9.6	6.2
	Southsea ...	b c b	b	65	84	—	—	9.6	8.3
	Bognor Regis	b c c b c	b e b	64	83	0.3	—	7.3	7.7
	Littlehampton	c b c	b c b	64	84	0.2	—	6.2	8.8
	Worthing ...	c b c b	b	63	83	+	—	6.4	6.7
	Brighton ...	c b c b	b	64	85	10	—	6.8	4.6
	Eastbourne† ...	c b c b y	b y	63	79	3	—	7.3	4.6
	Hastings† ...	c b c b	b	62	81	9	—	9.1	5.5
	Folkestone ...	b c	b	67	81	—	—	11.3	8.4
	Dover ...	b c b	b y	64	79	—	—	11.0	7.5
	Deal	c b c b	b	60	74	—	—	11.1	4.5
	Ramsgate ...	b	b	62	70	—	—	11.0	5.6
	Margate ...	b c b	b	63	70	—	—	12.1	6.1
2	Southend ...	b	b	61	78	—	—	11.2	8.3
	Maldon ...	b	b	60	79	—	—	10.9	7.3
	Clacton-on-Sea	b c	b c	60	74	—	—	11.3	8.8
	Dovercourt ...	b c z	b z	60	74	—	—	11.5	10.9
	Lowestoft ...	b	b	58	71	—	—	11.8	13.9
	Skegness ' ...	o h o	o b c	60	66	—	—	1.6	4.7
	Mablethorpe...	o m o	o c o m o	57	63	—	—	0.8	3.8
	Cleethorpes ...	o m o	o m	56	65	—	—	0.0	3.3
3	Leamington S.	c b c	b c	60	80	—	—	5.3	6.7
4	Cheltenham†	c m o b c	b b z o	60	84	—	—	7.2	5.8
5	Bath	b c b	b b c c	61	82	—	—	6.9	4.7
	Weymouth ...	b z	b	59	79	—	—	11.7	4.0
	Jersey ...	b	b	60	77	—	—	11.3	8.1
	Torquay ...	w b m o	b z o	56	73	—	—	11.8	7.4
	Penzance ...	b	b	59	76	—	—	11.2	2.7
	St. Ives ...	b	b	59	72	—	—	10.7	2.2
	Bude... ...	b b c	b c c m	55	71	—	—	10.8	5.1
	Ilfracombe ...	b c b b c	b b c	63	70	—	—	11.3	9.2
6	Aberystwyth	z c b c	b c c	63	72	—	—	7.9	5.8
7	Llandudno ...	b c	b b c	58	77	—	—	9.0	6.5
	Colwyn Bay...	b c b c c	c b c c	50	75	—	—	7.2	7.9
	Rhyl	b c	b b z o	55	81	—	—	7.0	6.1
8	Wallasey ...	m o	m o	59	80	—	—	6.0	3.3
	Southport‖ ...	b b c	c b c	66 55	80	—	—	7.3	6.8
	Blackpool ...	b c	b c	56	79	—	—	7.6	9.6
	Morecambe ...	z b c z	b c z b c	61	82	—	—	11.5	9.5
9	Ilkley... ...	b c b c b	b b c c	54	74	—	—	3.7	7.1
	Harrogate ...	c b c	b b c	54	74	—	—	4.3	9.3
10	Berwick-on-T.	b c	b c b	53	62	—	—	6.2	7.9
11	Dunbar ...	b c	b c	46	67	—	—	11.3	13.7
12	Troon... ...	c b c b	b b z b	53	*80	—	—	6.9	14.9
	Douglas ...	c b b c	b c b z	58	71	—	—	11.0	13.6

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

AIR MINISTRY. METEOROLOGICAL OFFICE.

7h Saturday 13th July, 1935



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. 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, 1935.
1 S.E. England	Light east or northeast to variable wind; fine; a slight chance of local thunder; hot.
2 E. England ...	Light east to variable wind; fine; hot inland.
3 E. Midlands ...	As 1.
4 W. Midlands ...	
5 S.W. England	Light northwest or north wind; fine; very warm.
6 South Wales ...	Light variable or south wind, veering northwest later; fair at first, perhaps local rain and thunder later; very warm today, cooler tomorrow.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light southeast to variable wind; fine; very warm inland.
10 N.E. England ...	
11 S.E. Scotland	Moderate or light south wind, veering west or northwest later; fair at first; rain and local thunderstorms spreading east tonight; fair tomorrow; very warm today, cooler tomorrow.
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B. N.W. Scotland.	Moderate south wind, veering west; cloudy, occasional rain, possibly thunder; fair later apart from local showers; warm, becoming cooler.
14 Mid Scotland	As 11 - 12.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind veering northwest mainly moderate or light; cloudy, occasional rain, local thunder; fair later; warm at first then cooler.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

GENERAL INFERENCE.

A ridge of high pressure covers most of the British Isles. A trough of low pressure off West Ireland is filling up and a developing wedge of high pressure is following in its rear. Weather will become temporarily less settled and cooler in Scotland and Ireland, but elsewhere will be mainly fine and very warm, with an increasing tendency for local thunder.

FURTHER OUTLOOK.

Mainly fair. A thundery tendency in England. Cooler than of late in Scotland and in western districts, perhaps becoming cooler later in other parts of England.

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.
G.212.2304. We.8081. D.6001. 6p.908. 29760. 7/35

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

Morning of
SATURDAY
13TH JULY.
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 13th July

26896

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)	Cloud. Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1021.2	0	NE'E	2	bc	62	95	6	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.1	0	ENE	3	b	66	85	7	–	–	–	0	0	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023.0	+2	NE'E	3 2	b	63	85	6	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1019.9	-6	NE	2	bc	69	85	7	4	–	–	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021.7	0	–	0	b	58	95	7	–	–	–	0	0	–
	Scilly (St.Mary's)	163	1022.4	-2	NNW	2	b	59	95	8	–	–	–	0	0	–
	Guernsey ..	175	1020.0	-2	–	0	fo	63	95	5	–	1	–	0	4-6	–
6	Pembroke ...	142	1020.9	0	WNW	2	F	57	95	1	5	–	–	10	10	<150
7	Holyhead ...	26	1020.9	+2	SE'S	1	b	60	85	6	–	–	–	0	0	–
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023.3	0	SE	3	fo	61	95	5	5	2	–	4-6	7-8	800
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1022.1	-4	S	3	bc	56	95	6	5	–	–	6	4-6	1500
11	Inchkeith ...	190	1021.1	0	N	1	bc	58	95	7	5	–	–	2-3	2-3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1020.7	0	SE	1	c	60	95	7	–	4	–	0	7-8	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1015.4	-10	S	3	c	57	85	7	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018.0	-14	S	4	c	56	95	8	5	1	1	7-8	9	2500
16	Lerwick ...	156	1019.7	-6	S	4	c	53	95	6	5	1	–	7-8	9	800
17	Blacksod Point	18	1016.6	-8	S	5	c	59	75	8	–	7	–	0	9+	–
18	Malin Head ...	52	1017.7	-4	S	1	b	58	95	8	5	–	–	1	1	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1019.6	-14	S	6	bc	57	95	8	–	5	–	0	4-6	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 13th 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)	Cloud. Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1021.7	+8	NE	3	fo	67	75	5	–	–	1	0	Tr.	–	0	*
	Croydon ...	1021.2	+2	ENE	1	f-	63	85	3	5	–	–	10	10	<150	0	*
	S. Farnborough	1021.3	+10	ENE	1	m	63	95	4	5	8	–	9	9	800	0	*
	Boscombe Down	1020.9	+4	–	0	bc	63	85	6	–	6	1	0	4-6	–	1	*
	Calshot (Sthmtn.)	1020.4	+10	NNW	4	fo	68	85	5	–	3	–	0	4-6	–	0	1
	Lympne ...	1021.3	+2	ENE	3	fo	70	75	6	–	5	–	0	Tr.	–	0	2
	Manston ...	1020.9	+2	E	4	fo	70	85	6	–	–	–	0	0	–	0	*
2	Shoeburyness ...	1021.7	0	NE	1	b	69	95	6	1	–	–	Tr.	Tr.	4000	0	*
	Felixstowe ...	1021.8	+6	NE'E	2	fo	67	85	6	–	3	–	0	Tr.	–	0	2
	Gorleston ...	1023.1	0	E	2	b	64	95	7	–	–	–	0	0	–	0	1
	Mildenhall ...	1022.1	+6	–	0	C/pr	63	95	5	5	3	–	4-6	9+	1500	0	*
	Cranwell ...	1023.0	+2	E	1	fo	64	85	6	–	3	–	0	Tr.	–	0	*
3	Birmingham ...	1022.3	+4	E	1	b	66	75	6	–	–	–	0	0	–	0	*
	Upper Heyford	1021.9	+2	ENE	1	fo	66	88	6	–	–	–	0	0	–	0	*
4	Ross-on-Wye	1021.3	+4	NNW	1	fo	64	85	6	–	–	–	0	0	–	0	*
5	Portland Bill ...	1020.2	+8	NE	3	c	67	75	7	4	4	–	4-6	7-8	2500	0	2
	Plymouth ...	1021.1	+6	NNW	3	fo	63	95	6	5	7	–	7-8	9+	2500	0	1
	The Lizard ...	1022.1	+6	NNW	4	bc	62	85	8	7	–	–	2-3	2-3	4000	0	1
	Scilly (St.Mary's)	1023.1	+6	N'W	2	bc	61	85	8	5	4	3	1	2-3	4000	0	1
	Guernsey ..	1019.5	-4	–	0	b	63	85	6	–	–	–	0	0	–	0	1
6	Pembroke ...	1021.7	+6	NW	1	bc	59	95	7	7	4	9	4-6	4-6	5700	1	1
7	Holyhead ...	1021.5	+8	S	3	bc	61	95	7	1	–	8	Tr.	2-3	4000	0	1
	Chester(Sealand)	1021.7	+6	SE	2	fo	64	75	5	–	–	–	0	0	–	0	*
8	Manchester ...	1022.0	+4	–	0	m	66	75	4	1	3	–	Tr.	1	5700	0	*
10	Spurn Head ...	1023.3	0	SE	2	c	61	95	6	5	7	–	4-6	7-8	1500	0	1
	Catterick ...	1022.9	+4	S'W	1	fo	58	95	5	5	–	–	9+	9+	450	0	*
	Tynemouth ...	1021.6	0	S	2	bc	61	95	6	5	–	–	4-6	4-6	1500	0	1
11	Inchkeith ...	1020.3	+2	N	1	fo	59	95	5	5	3	–	4-6	7-8	1500	0	1
	Leuchars ...	1020.6	+4	SW	1	f-	57	95	2	5	–	–	10	10	<150	0	*
12	Renfrew (Abbots I.)	1019.4	+2	–	0	fo	61	95	5	5	–	6	7-8	9	4000	0	*
	Eskdalemuir ...	1021.1	+6	–	0	c	63	95	6	5	–	–	9	9	1500	1	*
	Point of Ayre ...	1020.9	+6	SSE	1	bc	62	95	8	4	–	3	1	7	4000	0	1
13A	Tiree	1016.4	+1	S	4	c	61	85	7	5	3	–	2-3	7-8	2500	0	3
13B	Stornoway ...	1014.3	+4	SSW	4	C	59	85	7	8	7	–	4-6	9+	1500	1	2
15	Dalwhinnie ...	1019.2	+2	S	3	fo	64	75	6	4	2	–	4-6	4-6	2500	0	*
	Aberdeen ...	1019.9	-2	SE	1	m	58	95	4	5	–	–	2-3	2-3	<150	0	1
	Wick ...	1017.1	+2	S	3	C	58	95	7	5	1	2	4-6	9	1500	0	2
16	Lerwick ...	1018.1	-4	S	5	F	53	95	1	5	–	–	10	10	<150	0	*
17	Blacksod Point	1015.5	-6	S	6	DD	59	95	7	6	–	–	10	10	450	1	4
18	Malin Head ...	1016.7	0	S	4	C	59	85	9	8	8	–	7-8	9+	2500	0	1
	Aldergrove ...	1019.6	-2	S'W	3	C	62	75	8	–	9	3	0	9	–	0	*
19	Birr Castle ...	1019.7	0	SSE	1	C	57	85	8	5	–	–	10	10	800	1	3
20	Valentia Obsy. †	1019.2	-2	S	5	fo	59	95	6	6	–	–	10	10	800	1	3
	Roches Point	1021.0	0	SW	2	C	61	85	8	5	3	–	2-3	7-8	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 .12cm. Hrs. (36)
1	London (Kew)	81	62	55	–	–	4.1
	Croydon ...	80	59	53	0.1	Tr.	5.3
	S. Farnborough	81	60	50	–	Tr.	6.8
	Boscombe Down	80	56	54	–	–	3.4
	Calshot (Sthmtn.)	83	63	60	–	–	12.0
	Lympne ...	78	61	59	–	–	13.2
	Manston ...	78	64	61	–	–	14.0
2	Shoeburyness ...	77	59	52	–	–	12.6
	Felixstowe ...	72	60	57	–	–	13.4
	Gorleston ...	68	62	59	–	–	13.9
	Mildenhall ...	83	59	56	–	Tr.	8.4
	Cranwell ...	80	58	53	–	–	5.1
3	Birmingham ...	80	61	52	–	–	7.1
	Upper Heyford	80	58	51	0.3	–	*
4	Ross-on-Wye	80	58	52	–	–	10.0
5	Portland Bill ...	74	65	*	–	–	*
	Plymouth ...	71	60	59	–	–	14.2
	The Lizard ...	72	66	*	–	–	*
	Scilly (St.Mary's)	71	57	*	–	–	13.9
	Guernsey ..	73	60	57	–	–	13.4
6	Pembroke ...	68	54	*	–	0.2	8.5
7	Holyhead ...	70	58	55	–	–	13.0
	Chester(Sealand)	81	59	55	–	–	6.8
8	Manchester ...	81	57	51	–	–	6.5
10	Spurn Head ...	66	59	*	–	Tr.	0.0
	Catterick ...	76	55	50	–	–	7.1
	Tynemouth ...	62	56	52	–	–	*
11	Inchkeith ...	62	56	53	–	–	10.0
	Leuchars ...	64	54	49	–	–	9.5
12	Renfrew (Abbots I.)	77	51	50	–	–	7.4
	Eskdalemuir ...	76	57	53	–	–	11.2
	Point of Ayre ...	76	58	*	–	–	12.9
13A	Tiree	69	53	50	–	–	15.0
13B	Stornoway ...	66	56	*	–	–	9.1
15	Dalwhinnie ...	70	58	52	–	–	7.5
	Aberdeen ...	61	56	56	–	–	8.4
	Wick ...	63	55	*	–	–	*
16	Lerwick ...	58	53	*	–	–	12.1
17	Blacksod Point	63	56	*	–	2	*
18	Malin Head ...	72	56	*	–	–	14.3
	Aldergrove ...	74	56	53	–	–	6.5
19	Birr Castle ...	78	51	40	–	–	12.8
20	Valentia Obsy. †	66	56	51	–	0.4	14.2
	Roches Point	70	53	*	–	Tr.	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (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	c3o	bcb3o	b3.W	81	62	55	–	–	4.1	*	*	5
CROYDON	217	emb̄pr	c3.by	by3.W̄	80	59	53	0.1	Tr.	5.3	*	*	6
GREENWICH (Royal Observatory)...	149	cloc	cby	b3o	81	59	50	Tr.	–	4.0	52	71	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	5.0	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	81	64	59	–	–	4.6	49	65	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	82	61	60	Tr.	–	5.3	43	71	*
CAMDEN SQUARE	110	c	cbcb	*	84	61	54	–	–	*	*	72	*
KENSINGTON	80	bc	bc	*	81	61	54	–	–	4.2	At 18h. 44	81	*
HAMPSTEAD OBSERVATORY	440	bcp	c	bc	79	59	51	Tr.	–	5.2	*	98	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
0.3	7h 13th	<0.1	19h 12th

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.3	7h 13th	0.1	15h 12th

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 12th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 13th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1016.2	–	0	bc	88	1018.2	NE	1	3o	72
BRUSSELS	1018.6	NE	4	b	81	1019.9	ENE	5	b	70
BERLIN	1019.5	NNE	1	bc	81	1022.5	ESE	2	bc	70
ZÜRICH	1017.6	E	1	b	81	1019.2	NW	1	b	64
ROME	1015.9	WNW	4	b	77	1017.3	SE	3	3o	79

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
90	68	–	2
88	?	–	?
84	61	–	–
90	59	–	–
*	*	–	?

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at:
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 14th July, 1935.

No. 26897

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1021·8	−6	E'S	3	b	83	45	7	-	-	-	0	0	-
	Croydon ...	1020·9	−2	E	4	b	84	45	8	-	-	-	0	0	-
	S. Farnborough	1020·4	−6	E	2	b	86	45	6	-	-	-	0	0	-
	Boscombe Down	1020·2	−6	ESE	2	z_o	84	48	6	-	-	-	Tr	Tr	4000
	Calshot (Sthmtn.)	1020·4	0	ESE	3	z_o	77	65	6	-	-	-	0	0	-
	Lympne ...	1021·3	−2	E'N	4	b	80	45	7	-	7	-	0	Tr	-
	Manston ...	1021·3	+2	NE	4	z_o	75	65	6	-	-	6	0	2-3	-
2	Shoeburyness ...	1021·9	−2	NE	3	b	74	88	6	-	1	-	0	Tr	-
	Felixstowe ...	1022·4	0	NE'E	3	b	69	75	7	-	4	-	0	Tr	-
	Gorleston ...	1024·1	+6	E'N	1	b	68	75	7	-	-	-	0	0	-
	Mildenhall ...	1021·3	−6	SSE	3	b	86	48	7	1	3	-	1	2-3	4000
	Cranwell ...	1021·6	−8	SE	2	b	87	45	7	-	-	-	0	0	-
3	Birmingham ...	1020·8	−6	SSE	2	b	84	38	8	-	-	-	0	0	-
4	Upper Heyford	1020·8	−6	SSE	2	b	84	46	7	-	-	-	0	0	-
	Ross-on-Wye	1020·1	−8	SSE	2	b	84	45	7	-	-	-	0	0	-
5	Portland Bill ...	1020·8	0	NE	3	b	75	85	6	-	-	-	0	0	-
	Plymouth ...	1020·8	−6	NW	4	b	75	65	8	-	-	-	0	0	-
	The Lizard ...	1022·4	+4	WNW	3	bc	70	65	8	7	5	-	Tr	2-3	4000
	Scilly (St.Mary's)	1023·8	+4	WNW	2	bc	68	75	8	7	3	-	1	4-6	4000
	Guernsey ...	1019·8	0	WNW	2	z	71	75	4	-	-	-	0	0	-
6	Pembroke ...	1022·4	+4	WNW	3	bc	64	85	8	7	6	4	4-6	4-6	4000
7	Holyhead ...	1021·7	+6	SSW	4	c	65	75	9	2	-	4	Tr	7-8	5700
	Chester(Sealand)	1021·3	−6	NNW	2	z_o	77	65	6	5	6	-	1	1	4000
8	Manchester ...	1021·2	−6	W'S	2	z_o	83	48	6	5	-	-	1	1	5700
10	Spurn Head ...	1022·6	0	SE	4	bc	68	78	7	-	2	-	0	4-6	-
	Catterick ...	1020·3	−12	S	2	z_o	62	88	6	1	-	-	Tr	Tr	5700
	Tynemouth ...	1020·5	−6	SE	3	bc	63	85	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	1019·7	−8	SW	3	c	73	65	8	8	-	4	4-6	7-8	2500
	Leuchars ...	1019·6	−6	SW	4	bc	80	55	7	1	-	1	2-3	4-6	4000
12	Renfrew (Abbots I.)	1019·2	+4	SSW	4	c	74	45	9	1	9	2	Tr	7-8	4000
	Eskdalemuir ...	1020·1	0	SW	5	bc	72	65	7	1	-	1	2-3	4-6	2500
	Point of Ayre...	1021·2	0	NNW	2	bc	71	55	8	-	-	2	0	2-3	-
13A	Tiree	1018·1	+8	S'E	4	ido.	69	95	7	5	2	-	4-6	9+	2500
13B	Stornoway ...	1015·9	+14	S	4	$z_o z_o$	55	95	6	5	2	-	7-8	10	800
15	Dalwhinnie ...	1018·4	0	SW	5	bc	71	45	8	1	1	-	2-3	4-6	4000
	Aberdeen ...	1019·1	0	S	3	z_o	68	75	5	-	-	8	0	7-8	-
	Wick ...	1016·0	−4	S	3	C	65	75	7	5	4	3	4-6	9	2500
16	Lerwick ...	1017·7	0	SSW	5	F	54	35	1	-	-	-	10	10	4150
17	Blacksod Point	1018·3	+18	SW	3	DD	62	95	6	6	-	-	10	10	1500
18	Malin Head ...	1018·1	+12	SSW	3	C	64	95	8	9	7	-	4-6	9+	2500
	Aldergrove ...	1019·8	+2	SW	3	c	60	55	9	5	7	3	4-6	9	4000
19	Birr Castle ...	1020·5	+4	SSE	1	c	68	75	8	6	1	-	4-6	9+	2500
20	Valentia Obsy. †	1020·5	+6	S	4	dr	63	95	6	5	-	-	10	10	4150
	Roches Point	1021·8	+6	SW	3	c/r	62	95	7	6	2	-	4-6	9+	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020·3	−6	E'N	3	b	81	45	7	-	-	-	0	0	-	0	*
	Croydon ...	1020·1	−2	E'N	3	b	78	55	8	-	-	-	0	0	-	0	*
	S. Farnborough	1019·9	0	E'N	3	b	81	45	7	-	-	-	0	0	-	0	*
	Boscombe Down	1019·6	−4	E	2	z_o	84	45	6	-	-	-	0	0	-	0	*
	Calshot (Sthmtn.)	1019·7	−2	E'S	3	z_o	74	75	7	7	-	-	Tr	Tr	4000	0	*
	Lympne ...	1020·4	−4	E'S	4	b	74	85	7	-	7	-	0	0	-	0	-
	Manston ...	1020·5	−6	N'E	4	b	70	75	7	-	-	-	0	0	-	0	§ 3 *
2	Shoeburyness ...	1021·2	−6	N	3	b	73	75	5	-	-	-	0	0	-	0	*
	Felixstowe ...	1021·4	−6	N	2	b	72	65	7	-	-	-	0	0	-	0	*
	Gorleston ...	1022·5	−4	N	2	b	67	85	7	-	-	-	0	0	-	0	-
	Mildenhall ...	1020·7	−2	N	2	b	82	45	7	-	-	-	0	0	-	0	*
	Cranwell ...	1021·6	0	N	2	b_x	84	85	8	-	-	-	0	0	-	0	*
3	Birmingham ...	1020·1	−2	S	2	bc	83	45	8	-	3	-	0	4-6	-	0	*
4	Upper Heyford	1020·3	−4	SSE	2	b	82	48	7	-	-	-	0	0	-	0	*
	Ross-on-Wye	1019·6	−4	ESE	1	bc	85	45	7	-	8	-	0	2-3	-	0	*
5	Portland Bill ...	1019·8	−8	NE	2	b	72	85	6	-	-	-	0	0	-	0	2
	Plymouth ...	1020·4	0	ENE	2	b	72	65	8	-	-	-	0	0	-	0	1
	The Lizard ...	1022·4	0	NNW	4	bc	65	85	8	4	7	-	2-3	4-6	4000	0	1 -
	Scilly (St.Mary's)	1023·4	−4	NNW	2	bc	61	85	8	-	8	-	0	4-6	-	0	1 -
	Guernsey ...	1019·5	−2	WNW	2	z	67	85	4	-	-	-	0	0	-	0	1
6	Pembroke ...	1021·8	−4	NW	2	c	61	85	8	5	7	-	4-6	9	2500	0	1 -
7	Holyhead ...	1021·9	0	SSW	3	bc	61	85	3	-	9	-	0	4-6	-	0	1 -
	Chester(Sealand)	1021·6	0	NW	2	bc	70	75	7	5	3	-	2-3	4-6	4000	0	*
8	Manchester ...	1021·1	+2	NW'N	3	bc	74	55	7	-	4	-	0	2-3	-	0	*
10	Spurn Head ...	1021·9	−2	SE	4	b	64	85	7	-	-	-	0	0	-	0	3
	Catterick ...	1020·2	+2	-	0	c	76	75	7	8	7	-	4-6	7-8	2500	0	*
	Tynemouth ...	1020·6	+2	S	2	bc	67	75	7	5	-	-	4-6	4-6	2500	0	1
11	Inchkeith ...	1019·6	−2	W	4	c	73	55	8	5	-	3	4-6	7-8	4000	0	2
	Leuchars ...	1019·6	+8	WSW	3	bc	73	55	8	-	7	3-	0	4-6	-	0	*
12	Renfrew (Abbots I.)	1020·6	+10	WSW	1	$i z_o$	66	75	8	5	3	-	2-3	9	4000	0	*
	Eskdalemuir ...	1020·6	+2	SSW	3	bc	69	85	8	7	-	-	1	4-6	2500	1	*
	Point of Ayre...	1021·5	0	W	3	c	69	85	8	4	5	-	4-6	7-8	4000	0	1
13A	Tiree	1020·4	+16	NNW	3	c	57	95	7	5	-	-	9	9	1500	1	3
13B	Stornoway ...	1019·5	+36	NW	4	c	57	85	8	5	2	-	10	10	1500	1	2
15	Dalwhinnie ...	·	+26	SW	4	c	59	85	8	3	2	-	7-8	9	1500	1	*
	Aberdeen ...	1018·9	+2	S	2	cz_o	70	65	5	-	4	-	0	7-8	-	0	1
	Wick ...	1018·5	+10	W	3	c/r	59	95	8	8	-	-	7-8	10	1500	1	2
16	Lerwick ...	1018·2	+6	WSW	3	c/pr	59	85	7	5	2	-	7-8	9	1500	0	*
17	Blacksod Point	1022·7	+15	NW	4	c	58	85	8	5	-	-	10	10	1500	1	4
18	Malin Head ...	1020·5	+18	NNW	3	dd	58	95	6	8	-	-	10	10	450	1	1
	Aldergrove ...	1021·0	+2	WSW	1	c	66	75	9	5	7	-	4-6	9+	4000	0	*
19	Birr Castle ...	1020·7	+4	S	1	0	66	85	8	5	-	-	10	10	2500	0	*
20	Valentia Obsy. †	1022·3	+10	NW'N	4	c/d	60	95	7	5	-	-	10	10	450	1	3
	Roches Point	1021·9	+2	SW	3	ido.	62	95	8	5	-	-	10	10	460	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 13m. (37)	13h.–18h. 13m. (38)	18h. 13m. to 1h. 14m. (39)	1h.–7h. 14m. (40)
b	by	by	$bz_o w$
$o f b m_o$	by	$by m_o w$	$b m_o w$
$c m_o b z_o$	z_o by	$y b_o b$	bwm
bcby	$bz_o y$	bz_o	$b m b m_o$
$bc m_o b$	$bz_o b$	b	bz_o
$b m_o b y$	by bcy	bw	bw
$bz_o bcz_o$	$bez_o by$	bw	bw
bz_o	bz_o	b	$b w z_o$
$bz_o b$	b	b	b
b	b	b	bbc
$c bc b w$	by	by	b
$bz_o b$	b	by_o	$b m_o$
b	bbc	bc_o	b
$b m_o z_o y$	by	by	$b bz_o$
bzby	bybcy	bz_o	$b w_o w bc$
cbcb	bbz_o	bcc	cbc
$c m_o b$	b	bbc	bc
bc	bc	bcw	bcc
bc	bc	bcc	$c w_o m$
bw	bw_o	b	bz_o
bc	bcc	cbcw	$c f f_o m_o c$
bbc	bc	bcc	co
z_o	$bz_o bbc$	bc	bcw
$bw z_o y$	$bz_o y b$	bybc	bcc
cbc	bcb	bcw	c
$c w_o b y z_o$	$y z_o c z_o c$	$c b w_o$	$b w_o c z_o$
bc	bc	bcc	c
$z_o cz_o$	c	c	$e r_o y_o$
$f b c z_o$	bcy	bcyc	$c r_o y_o$
$c w_o z_o b c$	$bec i r_o$	$c i r_o f d_o$	~~c c r f ⊕~~ c c r f ⊕
cbc	bcybc	bcbcw	$b c w_o b r_o$
bcb	bcc	c	$c r r$
$c i d$	$c i d_o$	c	c
$c r_o y_o$	$c r_o y_o s q$	$e b c c$	c
bc	$i r_o$	*	c
$b - c z_o$	$c z_o$	$c w_o y_o y_o$	$c w_o r r$
c	$c r_o c$	c	c
FEFE	FEFBc	bc	c
D	ib	c	bc
e	c	$c i d_o$	c
cbcyc	$c y r_o c$	c	$c p r_o$
$c r_o c$	co	co	oir
$y_o y_o d r$	$d r c i d_o$	$c i d_o c$	$y_o y_o p r c$
$c i r_o c$	$c o i d_o$	$i d_o f e c$	$c p b c$

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ See disturbance reported from Dungeness.

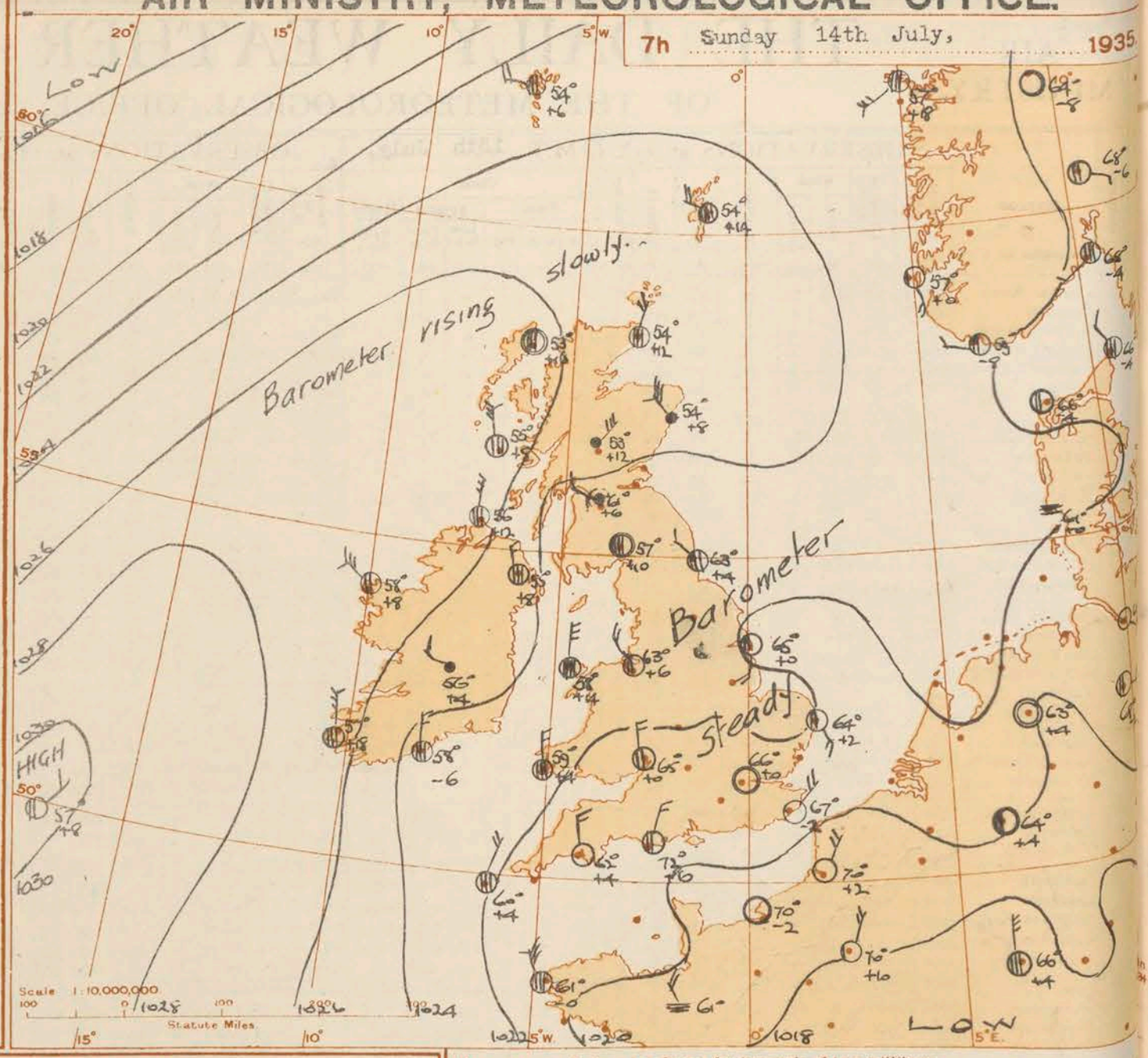
REPORTS from HEALTH RESORTS for 13th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 12m. to 9h. 13m.	Temperature. Max. 9h.—17h. 13m.	Rainfall. Night. 17h. 12m. to 9h. 13m.	Rainfall. Day. 9h.—17h. 13m.	Sunshine. Sunrise to 17h. 13m.	Sunrise to Sunset. 12m.
1	Tunbridge W.	b	b	59	86	—	—	12.0	6.5
	Bournemouth	b	b	62	85	—	—	9.9	11.9
	Ventnor ...	bc bc	bcb	60	80	—	—	8.2	11.2
	Southsea ...	bcb	b	66	85	—	—	7.6	11.2
	Bognor Regis	bcbcb	b	66	79	—	—	8.6	8.8
	Littlehampton	bcb	b	64	82	—	—	10.1	7.9
	Worthing ...	b	b	65	84	—	—	11.0	8.4
	Brighton ...	b	b	66	89	—	—	11.9	8.7
	Eastbourne† ...	b	by	64	78	—	—	12.2	8.9
	Hastings† ...	b	b	64	83	—	—	12.5	10.9
	Folkestone ...	b	bbcb	65	82	—	—	11.6	13.5
	Dover ...	b	bcby	66	82	—	—	12.1	12.9
	Deal	b	b	63	75	—	—	11.8	12.8
	Ramsgate ...	b	b	62	75	—	—	11.1	12.8
	Margate ...	b	b	63	70	—	—	12.0	14.1
2	Southend ...	b	b	62	81	—	—	11.3	13.0
	Maldon ...	b	b	59	80	—	—	10.8	12.0
	Clacton-on-Sea	b	b	64	74	—	—	11.5	13.1
	Dovercourt ...	bz	w	61	74	—	—	11.6	13.3
	Lowestoft ...	b	b	62	71	—	—	12.5	13.9
	Skegness ...	bcb	bz	60	70	—	—	8.6	2.6
	Mablethorpe ...	bcb	bbc	61	69	—	—	8.1	0.8
	Cleethorpes ...	b	b	60	71	—	—	9.4	0.0
3	Leamington S.	b	b	58	86	—	—	11.5	6.3
4	Cheltenham†	zb	bbccz	62	88	—	—	11.1	8.6
5	Bath	b	b	59	88	—	—	11.4	7.9
	Weymouth ...	cbbz	b	64	78	—	—	8.8	13.4
	Jersey ...	b	b	61	75	—	—	11.7	13.5
	Torquay ...	bzo	by	61	82	—	—	10.9	13.7
	Penzance ...	b	b	59	73	—	—	11.4	13.4
	St. Ives ...	b	b	59	70	—	—	11.9	12.3
	Bude... ...	b	b	60	68	—	—	10.2	10.8
	Ilfracombe ...	cbc	bbc	60	66	—	—	7.7	13.0
6	Aberystwyth	zbc	bcc	60	67	—	—	5.3	8.4
7	Llandudno ...	b	bbcc	61	74	—	—	10.3	10.0
	Colwyn Bay...	bcb	bbcc	60	75	—	—	10.0	7.2
	Rhyl	bz	bbczo	59	75	—	—	9.8	7.4
8	Wallasey ...	zo bc	b	63	73	—	—	8.1	6.0
	Southport‖ ...	bc	c	61	75	—	—	9.6	7.6
	Blackpool ...	bbc	bcc	62	73	—	—	8.6	7.9
	Morecambe ...	bczbc	bbcbc	63	75	—	—	10.5	11.9
9	Ilkley... ...	b	b	56	86	—	—	8.4	5.5
	Harrogate ...	bbcz	bbcz	56	87	—	—	10.0	6.5
10	Berwick-on-T.	bbc	bccbc	54	81	—	—	10.4	11.5
11	Dunbar ...	bc	bc	57	82	—	—	10.9	13.1
12	Troon... ...	bbcb	bcbcb	62	78	—	—	9.5	9.0
	Douglas ...	bc	bc	59	70	—	—	10.8	13.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday 14th July, 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light northeast wind becoming north or northwest; fine; very warm except near the coast; becoming somewhat cooler tomorrow.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light north to northwest wind; cloudy today, brighter tomorrow; rather warm.
7 North Wales ... 8 N.W. England	Light northwest wind backing west; cloudy with occasional rain today, fine tomorrow; rather warm.
9 N. Midlands ... 10 N.E. England	Light north to northwest wind; cloudy, bright periods tomorrow; average temperature or rather warm.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light northwest to west wind; rain today, fine tonight and tomorrow; average temperature or rather warm.
13 { A. W. Scotld. B.N.W. Scotland.	Light northwest wind becoming moderate southwesterly; mainly fair; average temperature or rather warm.
14 Mid Scotland	As 11 - 13A.
15 N. E. Scotland 16 Orkneys and Shetlands 17 N. W. Ireland	As 13B.
18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light north or northwest wind, backing west or southwest; fair; temperature rather above average.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. Temperature is given in degrees F.
Weather Symbols.— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 5/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high to southwest of the British Isles and across to Scandinavia; a ridge of high pressure west of Ireland and Scotland is moving slowly east. Apart from rain today in southern Scotland and northern England, weather will continue fine, but with rather lower day temperatures.

FURTHER OUTLOOK.

Fair apart from scattered showers in northwest Scotland.

Forecasts issued at 10.50. G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. 6212/2304 We 8081 D 6001 Gp 908 29760 7/35

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

Morning of

SUNDAY

14TH JULY.

1935.

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

Clarke's Projection Scale 1.4 × 10⁷ along meridian at 55°N

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 14th July. 1935.

No. 26897

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud. Form. Low.	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1021.6	-2	–	0	30	63	85	6	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.9	0	NE'E	4	b	61	95	7	–	–	–	0	0	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023.0	0	NE	1	b	63	85	7	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1020.6	-4	N	3	c	67	85	7	4	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022.7	-2	NW	3	bc	58	95	7	4	7	1	2-3	4-6	2500
	Scilly (St.Mary's)	163	1023.3	-6	NNW	1	c	59	95	7	5	5	–	1	9+	1500
	Guernsey ..	175	1020.4	+10	–	0	b	62	85	7	–	–	–	0	0	–
6	Pembroke ...	142	1022.1	-2	NNW	1	bc	59	95	7	5	6	–	2-3	4-6	4000
7	Holyhead ...	26	1021.3	-4	SSW	3	c	59	95	8	5	8	1	7-8	7-8	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1022.6	+2	S	1	bc	63	85	7	–	1	–	0	2-3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	190	1022.3	+4	WNW	2	c	65	75	7	4	–	–	7-8	7-8	4000
11	Inchkeith ...	190	1022.3	+6	SW	2	c	61	95	8	4	2	–	2-3	9	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1022.9	+6	W	1	c	55	95	8	5	–	–	7-8	7-8	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1024.2	+18	NNW	1	c	51	95	7	5	7	–	4-6	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1022.9	+14	NW	4	c	55	95	8	8	1	–	7-8	10	1500
16	Lerwick ...	156	1022.4	+20	N'W	1	c	53	95	8	5	7	–	4-6	7-8	1500
17	Blacksod Point	18	1026.5	+18	NW	3	c	56	85	8	5	–	–	10	10	1500
18	Malin Head ...	52	1024.9	+12	N'W	3	c	57	85	8	5	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1025.2	+26	NW	5	c	57	95	8	5	–	–	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud. Form. Low.	Form. Med.	Form. High	Amount. Low 0-10	Amount. Total 0-10	Height of Base (feet)	State of Ground.	Sea. 0-9
(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1021.7	0	NE	1	b	67	75	5	–	–	–	0	0	–	0	*
1021.4	0	–	0	20	66	85	5	–	–	–	0	0	–	0	*
1021.6	0	N	1	20	63	85	6	–	–	–	0	0	–	0	*
1021.5	+4	–	0	20	64	85	6	–	4	1	0	0	–	–	*
1021.0	0	N	2	20	67	85	6	–	–	–	0	Tr	–	0	2
1021.2	-2	NE	2	b	67	95	7	–	–	–	0	0	–	0	5
1021.0	0	NE	3	b	66	85	7	–	–	–	0	0	–	0	*
1021.4	0	NNW	1	b	65	95	6	–	–	–	0	0	–	0	*
1021.7	0	NE	3	b	65	85	7	–	–	–	0	0	–	0	*
1023.6	+2	NE	2	b	64	95	6	–	–	–	0	2-3	–	0	2
1021.3	+2	–	0	b	66	75	7	–	–	–	0	0	–	0	*
1022.2	0	SSE	1	20	67	75	6	–	–	–	0	0	–	0	*
1022.6	+2	NE	1	bc	64	65	7	–	3	1	0	2-3	–	0	*
1022.0	+2	–	0	20	70	65	6	–	–	–	0	0	–	0	*
1021.9	0	NW	1	bc	65	75	7	–	–	2	0	2-3	–	0	*
1021.1	+6	NNE	2	bc	72	85	7	4	4	–	2-3	4-6	2500	0	2
1021.4	+4	NNW	2	bc	62	75	8	5	8	1	1	4-6	1500	0	1
1021.6	0	NW	3	c	61	95	8	4	7	–	4-6	7-8	2500	0	2
1023.2	+4	NE	2	0	60	95	6	5	–	–	1c	10	800	0	1
1020.3	+8	NNE	2	20	56	85	6	–	–	–	0	0	–	0	1
1022.3	+4	NW	2	20	53	95	6	5	2	–	9	10	1500	0	1
1023.5	+14	NW	3	0	58	95	7	5	–	–	10	10	450	0	1
1023.3	+6	NNW	2	bc	63	85	7	5	3	–	2-3	4-6	4000	0	*
1022.5	+4	–	0	c	61	85	8	5	3	1	4-6	7-8	4000	0	*
1021.9	0	S	2	bc	65	85	7	1	1	–	0	2-3	–	0	1
1022.3	+10	NNE	2	20	65	75	6	5	3	6	Tr	9	4000	0	*
1022.8	+4	NW	1	c	63	75	6	4	–	–	7-8	7-8	4000	0	0
1023.9	+16	NE	2	10	58	95	8	6	–	–	10	10	1500	1	1
1024.3	+12	ENE	1	10	58	95	7	5	–	–	10	10	1500	1	*
1023.1	+6	NNE	1	10	61	95	6	6	2	–	7-8	10	800	1	*
1023.7	+10	–	0	c/pr	57	95	8	5	2	–	7-8	10	1500	1	*
1023.7	+8	NNW	3	rr	58	95	7	5	–	–	10	10	1500	1	2
1025.6	+8	NW	4	c	58	85	8	5	4	–	4-6	7-8	4000	0	3
1026.0	+16	–	0	c	53	85	8	5	7	–	7-8	9	1500	1	0
1025.5	+12	NE	3	10	53	95	6	8	2	–	4-6	10	450	1	*
1024.5	+8	NW	4	dodo	54	95	7	6	–	–	9+	9+	800	1	*
1025.1	+12	NNW	3	c	54	95	8	5	9	8	4-6	10	1500	1	2
1025.0	+14	NNW	2	c	54	85	8	5	3	–	4-6	9	1500	0	*
1027.6	+8	NW	4	bc	58	75	8	2	–	–	4-6	4-6	2500	0	3
1025.9	+12	N	3	c	56	85	8	8	7	3	4-6	9+	1500	1	1
1025.7	+8	NNW	2	c	55	85	8	5	7	–	4-6	10	1500	0	*
1026.2	+4	WNW	1	rr	56	95	8	6	–	–	10	10	1500	1	*
1026.7	+14	N	4	c	57	85	9	7	3	–	4-6	7-8	1500	1	2
1023.5	-6	N	2	c/pr	58	95	8	6	2	–	4-6	9	1500	1	2

PAST 24 HOURS.

District	Temperature. Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Rainfall. Day 7h-18h mm.	Rainfall. Night 18h-7h mm.	Sunshine 1.3m Hrs.
	(31)	(32)	(33)	(34)	(35)	(36)
1	85	60	50	–	–	12.9
	85	59	51	–	–	11.9
	87	53	43	–	–	12.4
	87	55	53	–	–	12.3
	81	60	57	–	–	11.6
	81	58	56	–	–	14.4
	78	59	54	–	–	14.4
	77	57	50	–	–	13.7
	72	57	55	–	–	13.9
	68	62	59	–	–	14.1
	87	54	51	–	–	10.2
	89	57	54	Tr	–	12.8
3	86	61	53	–	–	12.0
4	86	61	51	–	–	*
	86	59	52	–	–	12.2
5	77	64	*	–	–	*
	76	59	56	–	–	11.8
	72	57	*	–	–	*
	69	58	*	–	–	11.2
	72	60	57	–	–	13.2
6	65	57	*	–	–	9.3
7	68	58	56	–	–	10.0
8	80	53	49	–	–	9.7
	85	51	48	–	–	11.9
10	69	61	*	–	Tr	10.2
	84	55	55	–	–	6.7
11	77	58	55	–	2	11.2
12	80	58	57	–	1	9.3
	76	60	59	Tr	1	8.6
	75	47	44	–	Tr	9.7
13A	74	55	*	–	1	10.8
13B	63	54	52	1	–	0.0
15	62	50	*	Tr	–	1.3
	74	51	50	Tr	3	7.0
	72	54	54	–	6	6.7
16	72	52	*	2	–	*
17	61	51	*	Tr	–	0.9
18	62	53	*	4	–	*
	66	55	*	0.6	1	0.5
	71	53	52	Tr	0.1	5.9
19	68	55	54	Tr	1	13
20	64	56	53	3	3	0.0
	62	58	*	0.3	0.5	*

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	b	by	bzcw	85	60	56	–	–	12.9	*	*	6
Croydon	217	ofbmo	by	bymcw	85	59	51	–	–	11.9	*	*	6
Greenwich (Royal Observatory)...	149	bzcy	bzcy	by	86	57	44	–	–	13.0	42	57	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	12.3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	85	56	56	–	–	12.7	45	55	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	86	61	60	–	–	12.6	48	59	*
Camden Square	110	b	b	*	89	61	52	–	–	*	*	61	*
Kensington	80	b	b	*	86	60	52	–	–	13.1	At 18h. 50	*	*
Hampstead Observatory	440	b	b	b	83	59	48	–	–	13.3	*	67	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.3	09h 13h	0.1	16h 13h

Kew Observatory.

Max.	Time.	Min.	Time.
0.4	09h 13h	0.1	12h-16h 13h

FOREIGN OBSERVATIONS.

18h. G.M.T. 13th July. 7h. G.M.T. 14th July.

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1017.3	N	2	c/pr	75	1018.2	NNE	2	20	70
Brussels	1017.8	ENE	2	b	81	*	*	*	*	*
Berlin	1020.2	NNE	3	bc	77	1021.3	NE'N	2	bc	68
Zürich	1016.3	N	3	bc	75	1017.1	NW	1	bc	66
Rome	1015.4	–	2	c	82	1015.5	ENE	2	bc	72

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
88	63	4	–
88	*	–	*
82	59	–	–
88	59	–	–
*	*	—	*

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 15th July, 1935.

No. 26898

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1020·5	-8	NE'E	2	b	83	45	7	–	–	–	0	0	–
	Croydon ...	1020·4	-6	E'N	3	b	83	35	8	–	–	1	0	Tr	–
	S. Farnborough	1020·1	-6	E'N	2	bz_0	86	46	6	–	–	8	0	1	–
	Boscombe Down	1020·3	-4	NE	2	cz_0	82	45	6	1	–	2	Tr	7·8	4000
	Calshot (Sthmtn.)	1020·3	-4	SE	2	b	82	55	7	–	–	5	0	1	–
	Lympne ...	1021·0	0	NE	4	b	75	65	7	–	7	1	0	Tr	–
	Manston ...	1020·9	-2	N	3	b	70	76	7	–	–	1	0	1	–
2	Shoeburyness ...	1021·5	-8	ENE	3	b	73	75	6	–	1	–	0	Tr	–
	Felixstowe ...	1021·5	-2	NEE	3	b	71	65	8	–	–	1	0	Tr	–
	Gorleston ...	1022·6	-2	NE	2	bc	67	85	6	–	–	1	0	2-3	–
	Mildenhall ...	1020·7	-6	NE	2	b	85	25	8	–	–	–	0	0	–
	Cranwell ...	1021·1	-4	E	1	bcz_0	86	45	6	2	–	–	2-3	2-3	4000
3	Birmingham ...	1021·4	-4	NNW	2	bcz_0	78	55	6	–	4	–	0	2-3	–
4	Upper Heyford	1020·8	-6	NE	1	bc	84	46	7	–	–	2	0	4-6	–
	Ross-on-Wye	1020·7	-4	N	2	c	81	55	7	–	–	6	0	7-8	–
5	Portland Bill ...	1021·1	0	NW	2	bc	76	86	7	4	–	2	2-3	4-6	2500
	Plymouth ...	1020·6	-4	NW	3	c	78	65	8	4	–	6	Tr	7-8	4000
	The Lizard ...	1021·6	+4	N	3	c	66	88	7	4	7	–	7-8	9+	2500
	Scilly (St.Mary's)	1023·5	+4	N'E	2	ir_0	62	95	6	6	–	–	9+	9+	800
	Guernsey ...	1020·2	+2	NE'E	1	bcz_0	72	75	5	–	1	8	0	4-6	–
6	Pembroke ...	1022·6	+4	N'E	4	tr	60	96	6	5	–	–	10	10	1500
7	Holyhead ...	1023·1	+10	N	4	c/r	57	95	7	6	2	–	4-6	10	2500
	Chester(Sealand)	1024·2	+8	NW	2	c	62	96	7	8	2	–	4-6	10	2500
8	Manchester ...	1023·1	+6	NNW	4	c	67	85	8	5	7	–	4-6	10	4000
10	Spurn Head ...	1022·4	0	NE'N	4	bc	67	75	7	–	1	–	0	2-3	–
	Catterick ...	1023·7	+10	E'N	2	c/tr	62	95	6	6	2	–	9	10	1500
	Tynemouth ...	1023·5	+8	N	3	o/pr	56	95	6	6	–	–	10	10	1500
11	Inchkeith ...	1025·3	+10	E	3	c	56	95	8	4	2	–	2-3	10	1500
12	Leuchars ...	1025·7	+8	E	2	c	59	85	8	5	–	–	10	10	1500
	Renfrew (Abbotsl.)	1024·3	+4	NE'E	2	ir_0	62	86	6	6	–	–	10	10	800
	Eskdalemuir ...	1024·2	+10	NE'E	3	c	60	85	7	5	2	–	4-6	10	1500
	Point of Ayre...	1024·6	+6	WNW	3	c	61	95	8	4	5	–	2-3	7-8	1500
13A	Firee	1026·4	+2	NNW	3	bc	62	65	9	1	4	1	Tr	2-3	4000
13B	Stornoway ...	1026·5	+4	SSE	2	c	60	75	8	8	7	–	4-6	7-8	1500
15	Dalwhinnie ...	1026·8	+8	NE	2	c	60	75	8	4	1	–	4-6	7-8	2500
	Aberdeen ...	1026·3	+10	N'W	3	c/r	56	85	8	8	2	–	4-6	9+	1500
16	Wick ...	1026·3	+6	NNE	3	bc	57	85	8	5	1	4	4-6	4-6	1500
	Lerwick ...	1025·4	-1	NW	1	c	56	75	8	6	2	–	4-6	9	1500
17	Blacksod Point	1028·3	+6	NW	3	bc	62	65	8	2	–	1	1	4-6	2500
18	Malin Head ...	1026·9	+4	N	3	bc	59	85	8	2	8	2	1	4-6	2500
	Aldergrove ...	1026·2	+2	NNW	3	bc	63	65	9	–	3	8	0	2-3	–
19	Birr Castle ...	1025·9	-4	NNW	1	bc	65	68	8	1	–	–	2-3	2-3	2500
20	Valentia Obsy. †	1027·4	+4	N'E	4	c	64	65	9	1	–	6	2-3	7-8	2500
	Roches Point	1025·4	+6	N	2	bc	66	85	9	1	4	–	2-3	4-6	2500

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

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)
1019·9	-6	SE	2	bc	84	35	8	–	–	6	0	2-3	–	0	*
1020·1	-2	E	2	bc	80	35	8	–	–	6	0	2-3	–	0	*
1019·5	-2	ENE	3	bc	83	35	7	–	–	6	0	4-6	4	0	*
1019·9	-2	N'E	2	bc_0	82	45	6	2	–	2	1	4-6	4000	0	*
1019·9	-2	SSW	2	b	80	55	7	–	3	1	0	Tr	–	0	0
1020·9	+2	NE'N	3	bc	72	55	8	–	–	4	0	2-3	–	0	§ 1
1020·7	0	NNE	3	bc	68	45	7	–	–	6	0	2-3	–	0	*
1021·1	-2	NE'E	2	bc	69	65	7	–	1	4	0	4-6	–	0	*
1021·2	0	NE	3	bc	66	75	8	5	8	1	Tr	2-3	7200	0	2
1021·8	0	NE'N	3	c	66	85	7	4	7	–	4-6	7-8	4000	0	2
1020·8	+4	ENE	3	bc	81	25	8	–	–	4	0	4-6	–	0	*
1022·6	+2.0	NE'N	3	c	70	55	7	4	3	6	4-6	9+	4000	0	*
1022·3	0	NNW	3	bcz_0	72	65	6	1	4	–	1	2-3	4000	0	*
1021·1	0	N	4	cz_0	76	65	5	7	7	8	4-6	9	4000	0	*
1021·4	-6	NE'N	2	bc	75	58	8	7	–	2	Tr	4-6	4000	0	*
1019·8	-10	NW	2	b	71	75	7	–	–	–	0	0	–	0	2
1020·2	-4	NW	4	bc	74	75	7	–	–	2	0	4-6	–	0	1
1020·8	-2	N'E	5	c	68	75	7	4	7	–	4-6	7-8	2500	0	1
1023·0	-2	N'E	4	c/r	60	95	6	5	–	–	9+	9+	1500	1	2
1019·9	-2	NE	2	bc	72	75	7	–	1	8	0	4-6	–	0	1
1022·9	0	N'E	3	cq	61	85	7	5	1	–	7-8	9+	2500	1	1
1024·6	-4	N	3	c	58	85	8	5	3	1	Tr	9	4000	1	2
1024·4	-2	W'N	2	ir_0	62	85	7	6	7	–	4-6	10	2500	1	*
1023·5	0	NW'N	3	c	65	75	7	5	7	–	4-6	9+	4000	0	*
1023·0	+4	NNE	6	bc	61	95	7	5	2	4	4-6	4-6	1500	0	5
1025·2	+8	NE	2	cz_0	59	95	6	5	–	–	10	10	800	1	*
1025·0	0	NNW	3	o/pr	55	96	6	6	–	–	10	10	1500	1	1
1025·7	+4	E	2	c	56	85	8	5	–	–	10	10	1500	D	1
1026·1	+2	ESE	2	c	57	85	8	5	2	–	9	10	1500	1	*
1025·1	+2	NE	3	cz_0	62	85	6	7	–	–	9+	9+	1500	1	*
1025·2	0	NE'N	3	c	55	95	7	5	–	–	10	10	1500	1	*
1024·9	-2	NW	3	bc	61	85	8	–	4	–	0	4-6	7200	0	1
1027·6	0	WNW	3	bc	58	75	9	1	–	5	Tr	1	4000	0	3
1026·0	-8	–	0	bc	58	65	9	8	7	–	4-6	4-6	4000	0	0
1025·0	-8	NE	1	bc	66	55	8	1	–	–	2-3	2-3	4000	0	*
1025·9	+2	ENE	3	bc	58	65	8	–	4	–	0	2-3	–	1	2
1026·6	+2	S	2	bc	56	95	8	5	4	1	4-6	4-6	1500	0	2
1025·2	-4	NNE	1	bc	86	75	9	7	–	–	4-6	4-6	2500	0	*
1028·3	0	NW	3	c	60	65	9	1	–	7	2-3	7-8	2500	0	3
1027·5	0	NW'N	3	bc	58	85	8	1	8	1	2-3	2-3	4000	0	1
1026·6	+2	NNW	3	bc	61	55	9	1	–	1	Tr	2-3	2500	0	*
1026·1	0	NNW	1	bc	69	55	8	1	–	–	4-6	4-6	2500	0	1
1027·3	-2	N'E	4	bc	63	65	9	1	–	6	1	4-6	4000	0	2
1025·5	+2	SW	2	bc	66	85	9	1	–	5	4-6	4-6	2500	0	1

PAST 24 HOURS.

Weather. 7h.—18h. (37)	Weather. 12h.—18h. (38)	Weather. 18h.—0h. to 1h. (39)	Weather. 1h. 7h. (40)
bz_0b	bybcy	cybcy	bcz_0
bm_0z_0y	by	baycm$_0$	ebmm$_0$
bz_0y	bz_0 bbcy	bay	$bcbz_0$
bbcy	bcy	bay bm$_0$	bm_0
$bz_0$by	b by	bybc	$bcbz_0$
b	by	byb	b
b	by	b bw	bwbc
bz_0	b bc	bc	$bcbz_0$
b	by bcv	bcvb	bz_0
bc	bcc	c	c
b	b	bcc	c
bzy	bgc [illegible]	c	cm$_0$
b bz_0	bbcz_0	bzc	c
bz_0bcy	bcycm$_0$	cm$_0$	cm$_0$
bcbbc8	cy	bcb	bwcm$_0$
bcc	cbcb	c	cb
bcc	cbc	bcb	b bc
c	c	cbc	bcb
p_0ir_0	cir_0	cbcc	bc
bz_0bc	bczbc	bcb	b
cm$_0$r$_0$r$_0$	cir_0cq	bc [illegible]	bcq
or$_0$rc	c	cbcwc	cbc
ctlrq	c	ir_0cm$_0$	cm$_0$bc
cbcc	ciz_0	c cm$_0$	cm m$_0$
bc	bcc	bc	oid$_0$
tlrcm$_0$r$_0$	r$_0$r$_0$cm$_0$	o m$_0$	o m$_0$
cop$_0$		o	oc
ir_0c	c	c	c
[illegible]	ercc	c	c
[illegible]	cirem$_0$	cm$_0$	cm$_0$
cir_0	pr$_0$c	c	c
rrirc	cbc	bc	c
cbc	bcb	b bc c	c
c	cbc	bcc	c
c	c	*	c
cir_0	cbcy	bybcw	bcwc
cbc	bc	bc	pr$_0$c
c	cbc	bc	c
bc	bc	bc	bc
c	bc	c	c
cbcb	bbcyb	b bc	bcewbc
oirbc	bcy	bc	bc
cbcc	cbc	bcbcw$_0$	bcwbc
cp$_0$bc	bc	bc b	b bc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220–1100 yds.
F, thick fog ,, less than 220 yds.
fs, 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 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

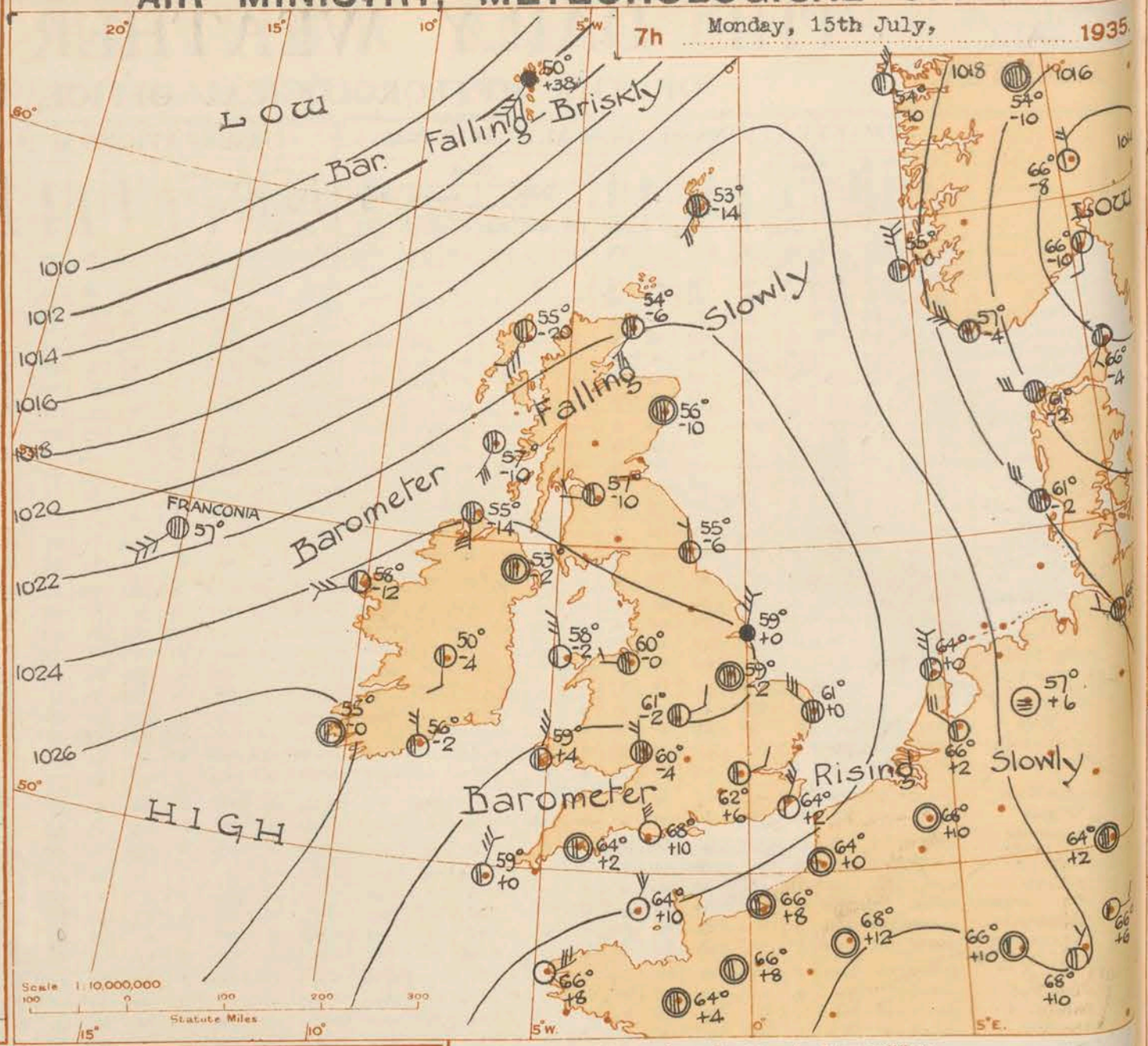
REPORTS from HEALTH RESORTS for 14th July 1935.

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.	b	b	54	82	–	–	12·1	13·9
	Bournemouth	b	b	59	87	–	–	12·0	11·9
	Ventnor ...	bz	bz		83	–	–	11·8	10·0
	Southsea ...	b	b	62	86	–	–	12·1	9·5
	Bognor Regis	b	b	63	82	–	–	12·0	10·1
	Littlehampton	b	b	61	85	–	–	12·3	12·1
	Worthing ...	b	b	64	83	–	–	12·3	13·4
	Brighton ...	b	b	65	86	–	–	12·2	13·5
	Eastbourne† ...	b	b	62	77	–	–	12·2	14·1
	Hastings† ...	b	b	61	82	–	–	12·5	14·7
	Folkestone ...	b	b	61	80	–	–	11·8	14·1
	Dover ...	b	by	60	77	–	–	12·2	14·4
	Deal	b	b	58	74	–	–	11·8	14·1
	Ramsgate ...	b	b	67	73	–	–	11·8	13·1
	Margate ...	bc	b bc	62	69	–	–	12·4	14·5
2	Southend ...	b	b	59	81	–	–	11·9	13·4
	Maldon ...	b	bv	58	79	–	–	11·7	13·0
	Clacton-on-Sea	b	bbcv	60	73	–	–	11·5	14·0
	Dovercourt ...	bv	bcv	59	75	–	–	11·2	13·7
	Lowestoft ...	b	b	60	71	–	–	11·8	14·6
	Skegness ...	b	b bc	59	70	–	–	11·4	10·0
	Mablethorpe...	b	bc	56	71	–	–	11·2	9·6
	Cleethorpes ...	b	bbc	58	74	–	–	10·6	11·6
3	Leamington S.	b	b bcc	61	85	–	–	9·2	13·0
4	Cheltenham†	bcq b	b bcq	59	85	–	–	10·7	12·2
5	Bath	b	b bc	59	86	–	–	10·9	13·4
	Weymouth ...	b	b	62	81	–	–	12·2	11·1
	Jersey ...	b	b bc	64	83	–	–	12·0	13·8
	Torquay ...	b	b	61	84	–	–	11·9	13·2
	Penzance ...	bc cc	ctppc	60	66	–	0·4	0·8	12·8
	St. Ives ...	m	q	59	62	–	0·5	0·0	10·4
	Bude... ...	cbcm	cbc	52	70	–	–	5·4	13·5
	Ilfracombe ...	cbcc	bc	60	70	–	–	7·2	13·4
6	Aberystwyth	cpr$_0$	prc	55	65	–	0·5	0·3	12·0
7	Llandudno ...	r$_0$r	r$_0$c	59	62	–	2	0·1	11·2
	Colwyn Bay...	opo	o	57	64	–	0·5	0·0	10·3
	Rhyl	c	cr$_0$tc	56	62	–	0·1	0·0	7·7
8	Wallasey ...	cotlr	Rroc	59	65	–	8	0·1	5·8
	Southport‖ ...	ob	tro	57	66	–	4	0·0	11·0
	Blackpool ...	oco	orc	57	67	1	1	0·1	10·3
	Morecambe ...	c	cpr c	58	68	–	0·3	0·6	10·2
9	Ilkley,.. ...	bc	bc	56	75	–	–	3·6	8·1
	Harrogate ...	bc	bcct$_0$	60	74	–	–	4·6	9·8
10	Berwick-on-T.	o	r$_0$o	53	58	Trace	Trace	0·0	10·3
11	Dunbar ...	cm$_0$	bc	55	57	–	–	0·0	11·6
12	Troon... ...	occbc	b bcbc	58	69	†	–	4·3	9·5
	Douglas ...	o$\overline{\text{c}}$m$_0$	cc b	58	67	2	1	1·9	10·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 15th July, 1935.



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. 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, 1935.
1 S.E. England	Light northerly or variable wind; mainly fine; somewhat cooler, but still warm.
2 E. England ...	Light variable wind becoming westerly; fair; rather warm or warm.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light northerly or variable wind; mainly fine; warm.
6 South Wales ...	As 2 - 4.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light or moderate southwest wind; mainly fair, perhaps local slight rain tonight and tomorrow; average temperature or rather warm.
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. / B.N.W. Scotland.	Fresh southwest wind; cloudy, probably occasional rain; average temperature.
14 Mid Scotland	As 11 - 12.
15 N. E. Scotland	
16 Orkneys and Shetlands	Moderate or fresh southwest wind; cloudy, probably occasional rain; average temperature.
17 N. W. Ireland	Moderate southwest wind, fresh locally; mainly fair but perhaps occasional local rain; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	Light variable to moderate southwest wind; fair; rather warm.
20 S. W. Ireland	

GENERAL INFERENCE.

A wedge of high pressure from southwest of Ireland to the North Sea is decreasing in intensity and a depression over Iceland will move northeast or east. Occasional rain is likely in the North but weather will be fine or fair elsewhere.

FURTHER OUTLOOK.

Rather unsettled in the North, mainly fai. in the South.

Forecasts issued at 1030 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. 6212/2904 We. 8081 D. 6001 Gp. 908. 29760. 7/35.

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, 15th July, 1935

No. 26898.

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)	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	+2	–	0	c	61	75	6	5	7	–	1	7-8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022.6	+6	NNE	3	b	58	85	7	–	–	1	0	1	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023.4	+4	NW	2	c	62	85	7	–	1	–	0	7-8	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021.6	+10	ENE	3	c	66	85	7	4	–	–	10	10	2600
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022.6	+4	N'E	4	bc	62	85	8	4	2	–	2-3	2-3	2500
	Scilly (St. Mary's)	163	1024.1	+4	NE'N	4	bc	59	85	8	8	8	–	2-3	4-6	2500
	Guernsey ..	175	1021.7	+16	–	0	b	63	85	7	–	–	–	0	0	–
6	Pembroke ...	142	1023.7	+6	NE	3	b	57	95	7	5	–	–	Tr	Tr	4000
7	Holyhead ...	26	1025.2	+2	N'W	4	c	56	95	8	5	–	–	9+	9+	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1024.0	+4	N	5	c	60	95	7	5	2	–	4-6	9+	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1024.8	-4	N	2	0	55	95	6	5	–	–	10	10	1500
11	Inchkeith ...	190	1026.2	-2	E	1	c	55	85	8	5	–	–	9+	9+	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1026.1	+2	W'S	2	c	57	95	8	5	–	–	9+	9+	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1024.3	-6	SSW	2	c	53	85	7	5	7	–	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	S	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1024.1	-8	~~SSE~~	2	bc	50	95	8	5	1	1	2-3	4-6	2500
16	Lerwick ...	156	1025.8	-6	–	0	bc	50	95	8	5	–	1	4-6	4-6	1500
17	Blacksod Point	18	1026.9	-10	–	0	c	52	86	8	4	–	7	2-3	9	2500
18	Malin Head ...	52	1026.0	-6	W	1	c	53	95	8	5	7	–	1	9	4000
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1027.8	0	NW	3	bc	56	95	8	–	1	1	0	2-3	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1023.3	0	NE	2	bc	63	75	6	–	9	–	0	2-3	–	0	*
1023.1	+6	ENE	1	bcz_0	62	85	5	–	3	–	0	2-3	–	0	*
1023.9	+9	ENE	2	bz_0	62	86	6	–	3	–	0	Tr	–	0	*
1022.9	0	–	0	b	61	85	6	–	–	1	0	Tr	–	0	*
1022.6	+4	NNW	2	bz_0	63	78	6	–	–	–	0	0	–	0	1
1022.7	+2	N'E	3	b	64	85	7	–	–	1	0	Tr	–	0	§ 1
1022.8	+10	NE	3	bc	63	85	7	8	–	2	2-3	2-3	800	0	*
1023.3	+8	N	1	b	64	85	6	–	–	–	0	0	–	0	*
1023.0	+2	N	2	bz_0	62	86	6	–	4	–	0	Tr	–	0	1
1023.1	0	NW	3	c	61	85	6	5	–	–	10	10	2500	0	2
1023.9	+4	NNE	2	0	60	85	7	5	–	–	10	10	800	0	*
1024.2	-2	–	0	oz_0	59	95	6	5	–	–	10	10	800	0	*
1024.0	-2	ENE	1	c	61	85	5	5	3	–	4-6	7-8	1500	0	*
1024.1	0	NNE	3	cz_0	60	85	6	5	1	–	9	10	800	0	*
1023.6	-4	N	2	oz_0	60	95	5	5	–	–	10	10	800	0	*
1022.0	+10	NNW	3	b	68	75	7	–	–	–	0	0	–	0	2
1022.3	+2	–	0	bcz_0	64	95	6	8	–	6	2-3	4-6	2500	0	0
1022.6	+2	NNE	3	b	65	95	8	–	–	–	0	0	–	0	0
1023.6	0	NE'N	4	bc	59	85	8	5	3	–	1	2-3	1500	0	2
1022.1	+10	NNE	2	b	64	78	6	–	–	–	0	0	–	0	1
1022.9	+4	NE'N	3	bcq	58	75	8	5	7	–	2-3	4-6	4000	0	1
1024.6	-2	N'W	3	bc	58	85	8	–	9	4	0	4-6	–	0	2
1024.2	0	W	1	cz_0	60	85	6	6	–	1	7-8	7-8	4000	1	*
1024.0	+2	W	2	oz_0	61	95	5	5	–	–	10	10	450	0	*
1024.0	0	NNE	4	id$_0$	59	95	5	5	–	–	10	10	800	0	3
1024.4	0	–	0	0	55	95	5	5	–	–	10	10	450	1	*
1023.7	-6	N	1	c	55	95	7	4	–	–	7-8	7-8	4000	0	1
1023.8	-10	SW	2	c	55	95	8	5	–	–	10	10	2500	0	1
1023.1	-12	SSW	1	c	57	75	8	5	3	1	7-8	9+	2500	1	*
1023.1	-10	WSW	1	c	57	85	7	5	3	8	2-3	9+	1500	1	*
1023.0	-10	SSE	1	6	57	85	7	5	3	–	7-8	9+	1500	1	*
1024.2	-6	NW	2	c	58	85	8	7	4	2	2-3	4-6	4000	0	2
1022.6	-10	SSW	3	c	57	85	8	5	3	–	2-3	7-8	4000	0	3
1020.3	-20	SSW	4	c	55	85	8	5	7	–	4-6	10	2500	0	2
	-6	SE	1	c	52	85	8	4	2	–	4-6	10	4000	0	*
1022.4	-10	–	0	c	56	85	8	8	7	–	4-6	9+	5700	1	0
1021.8	-6	SW	2	c	54	85	8	8	1	–	7-8	10	1500	0	2
1021.0	-19	SW	2	c	53	85	8	5	2	–	4-6	9+	1500	0	*
1024.5	-12	WSW	4	bc	58	75	8	4	–	4	4-6	4-6	2500	0	3
1023.9	-14	S	3	c	55	95	8	5	7	3	1	9	4000	0	0
1025.9	-2	–	0	c	53	95	9	1	5	6	1	7-8	4000	1	*
1025.7	-4	S	1	bc	50	95	8	5	–	–	4-6	4-6	2500	0	*
1026.4	0	–	0	bc	55	95	9	1	3	9	1	4-6	2500	0	1
1025.4	-2	N	2	bc	56	85	9	–	4	9	0	2-3	–	0	1

PAST 24 HOURS.

District	Stations	Temperatures. 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 1.45 Hrs. (36)
1	London (Kew)	85	59	55	–	–	12.9
	Croydon ...	84	58	50	–	–	12.8
	S. Farnborough	88	55	45	–	–	13.1
	Boscombe Down	84	52	52	–	–	13.1
	Calshot (Sthmtn.)	84	60	57	–	–	13.9
	Lympne ...	76	54	52	–	–	14.6
	Manston ...	71	55	51	–	–	14.3
2	Shoeburyness ...	76	55	47	–	–	13.2
	Felixstowe ...	73	56	53	–	–	11.7
	Gorleston ...	68	58	57	–	–	11.0
	Mildenhall ...	87	57	55	–	–	12.3
	Cranwell ...	89	57	56	Tr	–	8.6
3	Birmingham ...	79	58	49	–	–	9.3
	Upper Heyford	85	55	51	–	–	*
4	Ross-on-Wye	81	57	48	–	–	12.4
5	Portland Bill ...	80	63	*	–	–	*
	Plymouth ...	78	61	57	–	–	10.9
	The Lizard ...	71	60	*	–	–	*
	Scilly (St. Mary's)	64	58	*	0.5	–	0.0
	Guernsey ..	74	59	54	–	–	13.8
6	Pembroke ...	63	55	*	2	–	0.1
7	Holyhead ...	58	55	52	1	–	1.7
	Chester (Sealand)	66	55	49	0.6	Tr	0.7
8	Manchester ...	76	55	51	–	–	3.0
10	Spurn Head ...	74	54	*	–	Tr	3.8
	Catterick ...	73	55	55	9	–	4.3
	Tynemouth ...	64	54	52	Tr	–	
11	Inchkeith ...	68	55	50	0.3	–	0.0
	Leuchars ...	60	53	50	0.4	–	0.0
12	Renfrew (Abbots I.)	63	54	54	4	–	1.6
	Eskdalemuir ...	64	51	48	Tr	–	0.0
	Point of Ayre ...	66	54		2	–	2.6
13A	Tiree	62	52	–	–	–	11.6
13B	Stornoway ...	60	52	*	–	–	7.2
15	Dalwhinnie ...	66	51	43	–	–	4.2
	Aberdeen ...	61	46	43	0.5	–	5.0
	Wick ...	58	48	*	–	Tr	*
16	Lerwick ...	61	49	*	–	–	4.4
17	Blacksod Point	62	48	*	–	–	*
18	Malin Head ...	60	50	*	–	–	12.6
	Aldergrove ...	65	46	40	–	Tr	10.8
19	Birr Castle ...	71	46	40	Tr	–	9.5
20	Valentia Obsy. †	65	48	42	–	Tr	11.8
	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	bz$_0$b	by bcy	cy bcz$_0$	85	59	55	–	–	12.9	*	*	6
CROYDON	217	bm$_0$z$_0$y	by	bc bm$_0$y	84	58	50	–	–	12.8	*	*	6
GREENWICH (Royal Observatory)...	149	by	by v	bc m z$_0$	87	58	51	–	–	13.2	31	63	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	13.1	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	86	63	56	–		13.1	37	62	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	87	58	56	–	–	12.8	33	70	*
CAMDEN SQUARE	110	b	b	*	89	59	55	–	–	*	*	66	*
KENSINGTON	80	b	by	*	87	60		–	–	13.0	At 18h. 32	63	*
HAMPSTEAD OBSERVATORY	450	b	b	b	84	55	48	–	–	13.4	*	73	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 14th July

7h. G.M.T. 15th July

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
PARIS	1016.1	NE	2	b	86	1020.2	–	0	b	68
BRUSSELS						1020.8	N	2	b	68
BERLIN	1017.0	NNW	5	c	77	1016.9	NW	1	bc	73
ZÜRICH						1018.4	N	1	bc	63
ROME	1013.5	SE	4	c	77	1013.4	NNE	3	c	68

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	08h 14th	N11	14h–15h 14th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	08h 14th	20.1	15h 14th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
88	61	–	–
82	63	–	–
	59		–
*	*	–	1

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 16th July, 1935.

No. 26899.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1022·3	-10	NNE	1	c	78	45	6	-	-	8	0	9	-
	Croydon ...	1022·0	-8	ENE	1	c	80	45	6	-	-	6	0	7-8	-
	S. Farnborough	1022·2	-6	WNW	1		81	45	6	-	-	6	0	4-6	-
	Boscombe Down	1022·1	-4	W'S	1	3o	79	45	6	-	-	2	0	4-6	-
	Calshot (Sthmtn.)	1022·4	-2	-	0	bc	76	65	7	-	3	6	0	4-6	-
	Lympne ...	1023·0	+0·6	E'N	2	b	74	55	7	-	-	1	0	Tr.	-
	Manston ...	1022·8	-2	ENE	3	b	70	55	7	-	-	-	0	0	-
2	Shoeburyness ...	1022·9	0	SE	1	bc	70	85	6	-	1	4	0	4-6	-
	Felixstowe ...	1022·6	-6	E	3	3o	68	75	6	-	-	1	0	2-3	-
	Gorleston ...	1023·4	0	NNE	3	bc	66	75	6	5	-	-	4-6	4-6	2500
	Mildenhall ...	1022·2	-10	NW	1	3o	76	55	7	-	3	6	0	7-8	-
	Cranwell ...	1022·9	-12	NW	1	3o	71	65	6	7	-	6	4-6	7-8	2500
3	Birmingham ...	1022·2	-10	ESE	1	3o	73	45	5	-	-	-	0	0	-
4	Upper Heyford	1022·1	-12	-	0	bc	78	55	7	-	3	8	0	4-6	-
	Ross-on-Wye	1021·9	-10	E	2	3o	76	65	6	-	-	9	0	4-6	-
5	Portland Bill ...	1022·9	+4	ENE	2	bc	70	85	7	4	-	-	2-3	2-3	2500
	Plymouth ...	1022·5	+2	SSW	3	3o	69	85	6	2	-	-	Tr.	Tr.	4000
	The Lizard ...	1022·9	+2	W'S	1	b	74	75	7	1	-	-	Tr.	Tr.	4000
	Scilly (St.Mary's)	1024·1	+4	N'E	4	bc	68	65	8	-	-	5	0	2-3	-
	Guernsey ...	1022·5	+2	ENE	1	bc	68	65	7	-	1	8	0	4-6	-
6	Pembroke ...	1022·5	-4	N	3	c	68	55	8	7	6	9	2-3	7-8	5700
7	Holyhead ...	1023·6	-6	NW	2	c	61	75	9	1	5	8	Tr.	9	4000
	Chester(Sealand)	1022·9	-8	WNW	3	bc	68	65	7	2	9	1	1	4-6	2500
8	Manchester ...	1022·9	-6	NNW	2	3o	68	75	6	7	3	4	4-6	7-8	2500
10	Spurn Head ...	1023·3	-2	ESE	2	c	63	85	7	5	2	-	4-6	9+	1500
	Catterick ...	1021·2	-18	S	3	3o	71	75	6	8	-	6	1	4-6	4000
	Tynemouth ...	1021·4	-12	SSE	1	c	60	95	6	7	-	-	7-8	7-8	2500
11	Inchkeith ...	1021·0	-16	SW	2	c	65	75	8	5	9	-	2-3	7-8	2500
12	Leuchars ...	1020·2	-14	WSW	3	bc	69	55	7	7	3	9	2-3	4-6	4000
	Renfrew (Abbotsl.)	1021·4	-2	WSW	4	c	64	55	8	1	7	8	2-3	7-8	4000
	Eskdalemuir ...	1020·7	-10	SSW	4	c	67	65	8	1	-	1	4-6	7-8	2500
	Point of Ayre...	1023·2	-6	NW	3	c	66	65	8	1	4	4	Tr.	7-8	5700
13A	Tiree	1020·4	-10	SW	5	c	60	85	8	5	7	-	4-6	7-8	2500
13B	Stornoway ...	1016·5	-10	SSW	4	c/pr	58	75	8	8	7	-	4-6	9+	2500
15	Dalwhinnie ...	1019·0	-2	SW	2	c	60	55	8	4	6	-	4-6	10	4000
	Aberdeen ...	1019·0	-12	S	3	c	61	75	8	8	9	-	4-6	9+	4000
	Wick ...	1018·5	-6	SW	3	c	59	85	8	8	8	-	7-8	9	1500
16	Lerwick ...	1018·1	-12	SW	4	c/pr	55	85	8	8	8	3	4-6	9+	1500
17	Blacksod Point	1023·4	-4	WSW	4	c	62	75	8	5	-	-	9	9	2500
18	Malin Head ...	1022·2	-8	W	4	bc	61	85	8	3	4	9	2-3	4-6	4000
	Aldergrove ...	1023·1	-2	SW	1	bc	66	55	9	7	3	9	2-3	4-6	4000
19	Birr Castle ...	1024·3	-6	WSW	2	c	67	65	8	1	3	-	2-3	9	2500
20	Valentia Obsy. †	1026·2	-4	WNW	3	bc	60	75	9	1	7	1	2-3	4-6	2500
	Roches Point	1024·7	-4	SW	2	bc	65	85	9	7	-	-	2-3	2-3	2500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1020·4	-10	WSW	1	bc	81	45	6	-	-	8	0	4-6	-	0	*
	Croydon ...	1020·3	-6	SWW	2	bc	79	45	7	-	4	1	0	2-3	-	0	*
	S. Farnborough	1020·5	-4	SSW	2	bc	79	45	7	-	8	2	0	4-6	-	0	*
	Boscombe Down	1020·9	+2	SSW	3	3o	75	55	6	6	-	2	2-3	4-6	5700	0	*
	Calshot (Sthmtn.)	1021·5	+2	SW	3	bc	72	55	7	-	3	1	0	4-6	-	0	1
	Lympne ...	1021·8	-2	ESE	2	c	69	55	7	7	3	6	2-3	7-8	5700	0	§ 1
	Manston ...	1021·4	-10	SE	2	c	67	65	7	1	3	7	Tr.	9+	2500	0	*
2	Shoeburyness ...	1021·2	-8	SE	2	c	71	95	7	-	7	-	0	9	-	0	*
	Felixstowe ...	1021·2	-2	ESE	2	3o	66	85	6	1	5	8	1	7-8	7200	0	2
	Gorleston ...	1022·0	-6	ENE	1	c	63	85	6	5	6	-	7-8	9	2500	0	2
	Mildenhall ...	1019·9	-10	NE	2	3o	79	55	7	-	3	9	0	4-6	-	0	*
	Cranwell ...	1020·3	-14	SW	2	c	77	55	7	8	5	9	4-6	9	2500	0	*
3	Birmingham ...	1020·1	-10	-	0	3o	75	65	6	6	-	-	7-8	7-8	2500	0	*
4	Upper Heyford	1020·2	-10	SW	3	bc	77	55	8	-	4	2	0	2-3	-	0	*
	Ross-on-Wye	1019·9	-8	SWW	2	3o	77	65	6	2	-	1	1	2-3	4000	0	*
5	Portland Bill ...	1022·2	-14	NNW	2	c	65	85	7	4	4	-	4-6	7-8	2500	0	2
	Plymouth ...	1022·1	0	S	1	3o	68	85	6	-	-	2	0	4-6	-	0	0
	The Lizard ...	1022·6	0	N'W	4	b	68	75	8	-	-	-	0	0	-	0	2
	Scilly (St.Mary's)	1024·1	0	N'E	3	bc	63	85	8	-	-	8	0	4-6	-	0	1
	Guernsey ...	1021·4	-10	-	0	bc	72	65	7	-	1	8	0	4-6	-	0	1
6	Pembroke ...	1022·3	-6	NW	1	c	62	55	8	7	6	1	2-3	7-8	4000	0	1
7	Holyhead ...	1022·2	-10	S'W	2	c	64	65	9	1	5	8	Tr.	7-8	2500	0	0
	Chester(Sealand)	1022·3	-4	NWW	3	c	62	65	8	-	9	-	0	7-8	-	0	*
8	Manchester ...	1022·0	0	NWW	3	c	65	45	8	-	3	-	0	9	-	0	*
10	Spurn Head ...	1020·6	-8	SSE	4	c	62	95	7	5	2	9	4-6	7-8	1500	0	3
	Catterick ...	1019·9	0	W'S	2	c	68	65	8	-	3	1	0	9	-	0	*
	Tynemouth ...	1019·2	-6	W	2	c	68	85	7	4	-	-	7-8	7-8	4000	0	1
11	Inchkeith ...	1019·6	-4	W	4	c	60	75	8	5	7	-	4-6	10	2500	0	3
12	Leuchars ...	1018·8	-6	W	4	c/p	63	65	9	6	2	-	1	9+	4000	0	*
	Renfrew (Abbotsl.)	1020·1	-4	WSW	4	c	60	75	8	8	7	-	7-8	9	2500	0	*
	Eskdalemuir ...	1019·3	-4	W	3	c	65	45	8	-	7	1	0	7-8	-	1	*
	Point of Ayre...	1021·3	-12	ESE	1	bc	65	65	8	-	5	-	0	4-6	-	0	1
13A	Tiree	1018·4	-10	SW	5	c	58	85	8	5	7	-	4-6	7-8	2500	0	4
13B	Stornoway ...	1015·2	-4	SSW	4	c/p	53	95	6	8	6	-	4-6	10	1500	1	2
15	Dalwhinnie ...	1018·8	-8	SW	2	c	56	65	8	4	2	-	4-6	10	2500	0	*
	Aberdeen ...	1017·1	-4	SW	1	c	64	55	8	5	7	-	4-6	9+	4000	0	1
	Wick ...	1016·2	-6	SW	3	c	60	75	8	8	1	-	7-8	10	1500	0	2
16	Lerwick ...	1014·8	-10	S	4	p/c	52	95	8	8	3	8	7-8	9+	1500	0	*
17	Blacksod Point	1022·0	-10	W	4	c	60	75	8	5	-	-	9+	9+	1500	0	3
18	Malin Head ...	1020·3	-8	W	4	c	53	85	7	8	-	-	9+	9+	2500	0	2
	Aldergrove ...	1020·9	-6	W	1	c	65	65	9	5	7	9	4-6	9+	4000	0	*
19	Birr Castle ...	1023·1	-4	WSW	2	c	66	65	8	1	-	3	4-6	7-8	2500	0	*
20	Valentia Obsy. †	1025·1	-8	WNW	3	c	53	65	9	7	4	1	4-6	7-8	2500	0	1
	Roches Point	1023·0	-6	SW	2	bc	64	85	9	7	-	9	2-3	2-3	2500	0	2

PAST 24 HOURS.

Weather. 7h.—13h. (37)	Weather. 13h.—18h. (38)	Weather. 18h.§ to 1h. (39)	Weather. 1h.—7h. (40)
b3o c	bc3o	b bc3o	cbc
bm bc3o y	bc3o y b y	b c3m o c	b bc m o
b3o b c y	b w	y b c b w	b w b c
b b c y	b c3o y	b c m o	b c c b c
b3o b y b c	b c b c y	b c y b	b c w b c
b y	b y c y	b c y m o	b c c m o
b c b y	b c y c	c c m o	c c 3o
b t c 3o	b c 3o c	c	c m o
b 3o b	b 3o, c 3o	c 3o	c 3o
c b c	b c c	c	o r r c 3
c b c 3o	b c 3o	b c c p o	c m o
c 3o	c 3o c y	c y 3o	c 3o
c b c	b c 3	c r b c	b c
c m o b c	b c y	b c y c m o	c b c m o
o m o c 3 b 3	b c 3 c 3 b 3	c 3 c v b c	b c c
b c	b c c	b	b b c
b c c b 3o	b b c 3o	b c 3o	b 3o b c c
b	b b c b	b	b b c
b c	b c	c b c w	h c
b b c	b c	b c b	b
b c y	c y	b c w	b c w
b c	c v y c ⊕	c v c	c i r c
c 3o b c	b c y V	b c	b c m r
c m o	c m o b c y	c y b c c	c m r r
i 4 c	b c	c	c b c
o c m b c 3o	3o b c y c	c b c	b b c
c	c	c	c f f
c	c	c	c
b c b y	b c y p 6	c b c w	b c w c
c m o b c y	c y V c	c	c 0 3o
c b c	b c b y	b c y b c	b c c
c	c b c	o c c	c o c
c	c i d o	c i D	c i d
c p r 6	c p 6 i r	c i r o p r	c
b c	c	*	i r o
c 3o c	c	c i r c	c b c
c p 6 c	c	c	c i r o c
c p 6	c p 6	c p 6 r 6 m o	c
c b c	c	i d o	i d
c b c c	c	c p r o	c i r
b c w b c y	b c y c	c	c
b c c	c	c	c i r
b c	b c	b c c	c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

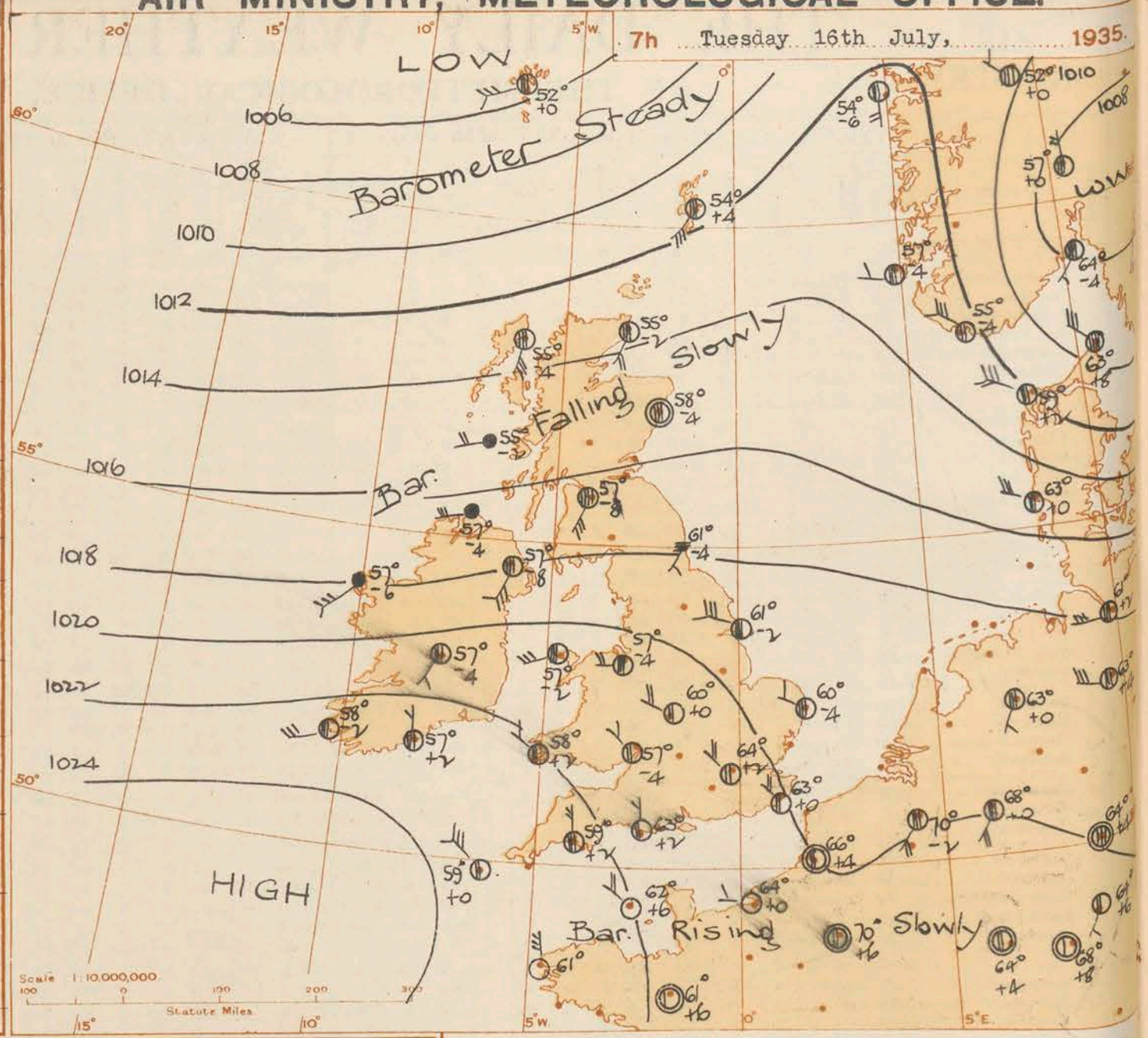
REPORTS from HEALTH RESORTS for 15th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. to 9h.	Temperature. Max. 9h.—17h.	Rainfall. Night. 17h. to 9h.	Rainfall. Day. 9h.—17h.	Sunshine. Sunrise to 17h.	Sunshine. Sunrise to Sunset.
1	Tunbridge W.	b	bbcc	56	83	-	-	10.4	13.5
	Bournemouth	b	b	59	78	-	-	11.0	13.7
	Ventnor ...	b3	b3	62	75	-	-	13.3	13.4
	Southsea ...	b	b	62	80	-	-	10.8	13.6
	Bognor Regis	b	bbc	61	77	-	-	9.9	13.5
	Littlehampton	b	bbc	58	78	-	-	11.6	14.4
	Worthing ...	b	b	61	77	-	-	11.6	14.3
	Brighton ...	b	b	61	78	-	-	11.4	13.8
	Eastbourne† ...	b	by bcy	59	71	-	-	11.9	13.9
	Hastings† ...	b	bbc	58	76	-	-	12.3	14.7
	Folkestone ...	b	bbcbc	57	73	-	-	11.1	14.2
	Dover ...	b	bbcc	58	74	-	-	11.4	14.5
	Deal	b	bo	53	72	-	-	9.8	14.1
	Ramsgate ...	b	b3o	59	71	-	-	10.0	13.8
	Margate ...	bc	bcc	61	69	-	-	9.6	14.7
2	Southend ...	b	bbc	58	75	-	-	10.4	13.3
	Maldon ...	b	bbcc	58	80	-	-	10.0	13.1
	Clacton-on-Sea	bc	bc	57	71	-	-	9.0	12.6
	Dovercourt ...	bc3	bc3	57	71	-	-	9.8	11.8
	Lowestoft ...	cbcb	bbc	57	69	-	-	4.8	12.3
	Skegness ...	o	obc	60	65	-	-	1.9	12.2
	Mablethorpe...	o	ocv	59	65	-	-	1.8	11.5
	Cleethorpes ...	o	ocbc	59	65	-	-	2.6	10.6
3	Leamington S.	cbc	bcb	59	79	-	-	6.2	9.2
4	Cheltenham†	m bcb	bbc	55	83	-	-	10.3	11.9
5	Bath	b	bbc	60	82	-	-	11.4	12.4
	Weymouth ...	b	b	63	73	-	-	11.1	13.9
	Jersey ...	b	b	63	80	-	-	11.8	14.5
	Torquay ...	b3o	b	62	73	-	-	11.6	13.9
	Penzance ...	b	b	59	76	-	-	11.1	0.9
	St. Ives ...	b	c	58	66	-	-	9.7	0.4
	Bude... ...	b	b	53	70	-	-	10.4	7.2
	Ilfracombe ...	cbc	bbc	61	70	-	-	9.7	9.4
6	Aberystwyth	bc	bbc	58	67	-	-	9.6	0.3
7	Llandudno ...	bc	bcbc	57	65	-	-	7.0	0.1
	Colwyn Bay...	cbcbc	bcbcc	57	66	-	-	6.0	0.0
	Rhyl	cbc	cbcc	54	65	-	-	5.8	0.0
	Wallasey ...	cbc	bc	59	66	-	-	4.5	0.1
	Southport‖ ...	ocbc	bcb	57	67	-	-	3.7	0.0
	Blackpool ...	c	cbc	56	67	-	-	4.7	0.1
	Morecambe ...	cbcbc	bbcbc	59	68	-	-	6.6	0.2
9	Ilkley. ...	c	cbcb	55	76	-	-	4.5	3.6
	Harrogate ...	cbc	bc	54	74	-	-	3.8	4.6
10	Berwick-on-T.	oc	bcc	54	70	Trace	-	4.0	0.0
11	Dunbar ...	bc	bc	54	68	-	-	3.6	0.0
12	Troon... ...	bcvb	bcbcb	58	65	-	-	6.8	4.8
	Douglas ...	bc	bccb	54	68	-	-	5.6	5.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday 16th July, 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England	Light westerly wind; fair; very warm or warm.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light or moderate southwest or west wind; cloudy, bright intervals, occasional slight rain locally; average temperature or rather warm.
10 N.E. England 11 S.E. Scotland	Light or moderate southwest or west wind; cloudy, bright intervals, perhaps occasional slight rain locally; rather warm or warm.
12 S.W. Scotland & Isle of Man.	As 6 - 9.
13 A. W. Scotld. / B.N.W.Scotland.	Moderate westerly wind, perhaps veering northwest; cloudy, occasional rain; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Light or moderate southwest or west wind; mainly cloudy; occasional rain locally; average temperature.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate westerly wind; mainly cloudy, occasional slight rain locally; average temperature.

H.M Stationery Office Press, Kingsway, W.C.2. 6212 2904 We.8081 0.6001 6/35 908 297

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

GENERAL INFERENCE.

An anticyclone lies to southwest of the British Isles and a depression off Northeast Iceland is moving northeast slowly. Small disturbances moving eastwards will cause occasional rain locally in the North. In the South weather will be mainly fair and warm.

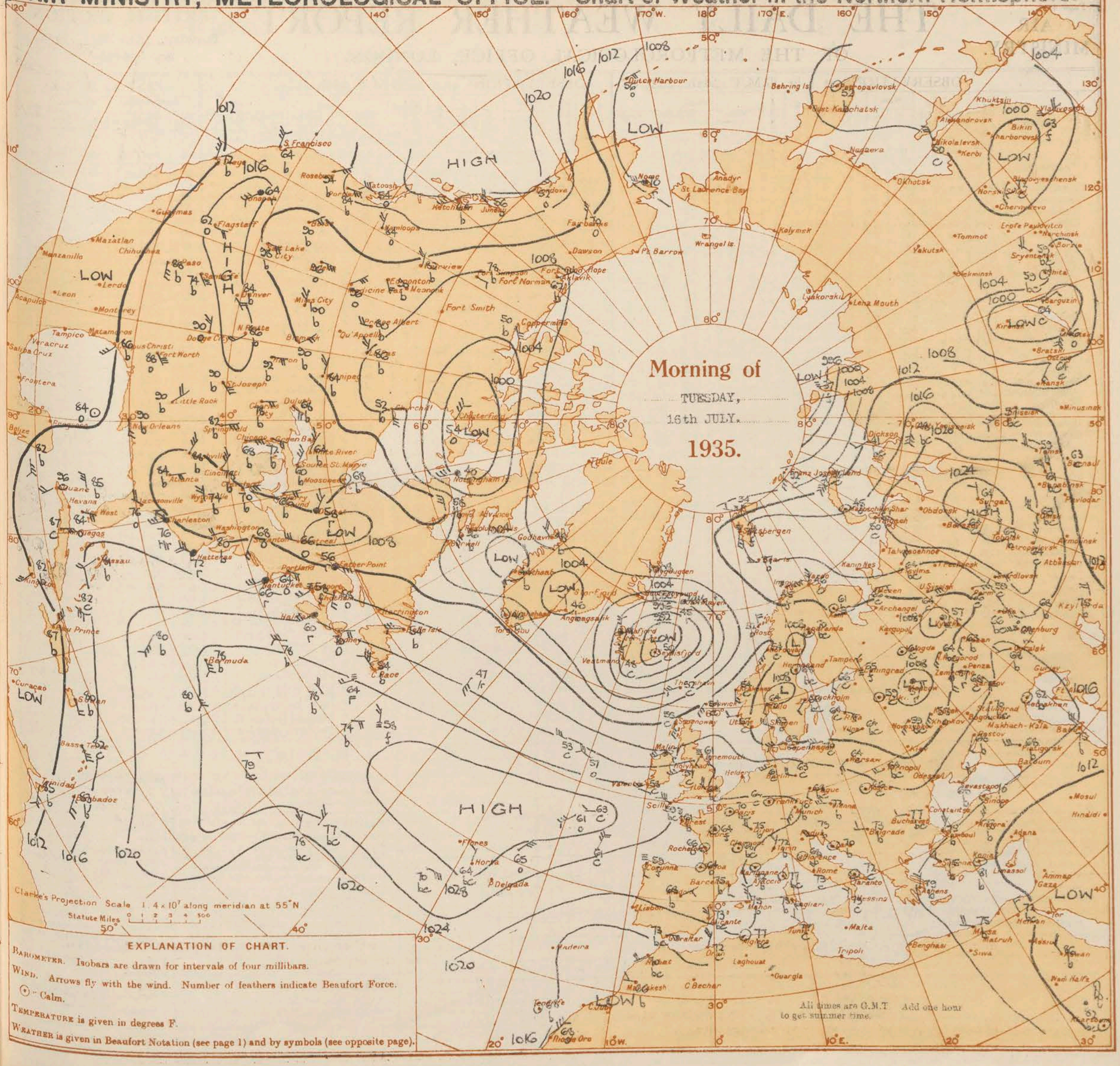
FURTHER OUTLOOK.

Rather unsettled in the North, fair and warm in the South.

Forecasts issued at 1030 G.M.T.

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

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



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, 16th July, 1935.

No. 26899.

OBSERVATIONS at 1 hr. G.M.T. 16th 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)	Form. Med. (11)	Form. High (12)	Amount. Low 0–10 (13)	Amount. Total 0–10 (14)	Height of Base. (feet) (15)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1020.0	-6	SW	1	C	64	85	7	–	3	9	0	7-8	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Bosecombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.2	-6	SW'W	2	bc	61	65	7	–	4	–	0	4-6	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020.0	-11	S'E	3	C	61	95	6	5	–	–	3+	3+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021.0	-6	N	1	b	61	95	7	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023.2	0	NW	3	b	57	95	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1024.3	+2	NW'N	2	bc	58	95	8	5	–	8	1	2-3	2500
	Guernsey ..	175	1021.6	+2	–	0	b	61	85	7	–	–	–	0	0	–
6	Pembroke ...	142	1021.4	-4	W'N	1	bc	59	95	8	5	–	–	4-6	4-6	4000
7	Holyhead ...	26	1020.9	-4	W'N	4	C	58	85	8	5	3	–	7-8	9+	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1018.9	-4	NW	5	C	62	65	7	5	7	–	4-6	9	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1018.9	-6	W	1	C	59	75	7	4	–	–	7-8	7-8	4000
11	Inchkeith ...	190	1018.5	-10	SSW	3	C	55	95	8	4	7	–	4-6	7-8	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1020.2	0	W	2	C	57	95	8	–	7	–	0	7-8	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1014.1	+4	SW	3	C	53	95	7	8	–	–	9	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018.1	-8	SSW	2	C	55	85	8	8	1	–	4-6	7-8	1500
16	Lerwick ...	156	1011.5	-8	SSW	5	r c r	53	95	6	6	2	–	9	10	450
17	Blacksod Point	18	1019.7	-10	SW	4	c d o	58	85	7	6	–	–	10	10	1500
18	Malin Head ...	52	1018.2	-8	WSW	3	C	57	95	7	8	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023.7	-6	SW	2	C	58	85	8	8	–	–	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	Form. Med. (25)	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 * (31)
1020.3	0	NW'W	1	bc	64	55	7	1	8	2	Tr	4.6	4000	0	*
1019.9	+2	NW'N	2	bc	64	75	6	1	7	–	Tr	4.6	7200	0	*
1020.4	+2	W	1	3o	62	75	6	–	8	5	0	4.6	–	0	*
1021.2	+2	–	0	bc	61	75	7	–	–	9	0	4.6	–	0	*
1021.0	0	WNW	2	bc	63	75	7	–	3	–	0	4.6	–	0	1
1020.6	0	NW	3	3o	63	75	6	5	7	8	1	4.6	4000	0	§ 0
1019.5	-2	W	3	3o	66	85	6	–	7	–	0	7.8	–	0	*
1019.9	+4	NW'N	1	C	64	65	6	4	7	–	2.3	9	5700	0	*
1019.2	+2	WNW	2	3o	64	85	6	–	7	–	0	9	–	0	1
1018.6	-4	NW'W	1	C	60	95	6	5	–	8	4.6	7.8	1500	1	1
1019.4	+2	WNW	2	3o	61	65	6	–	9	–	0	9	–	0	*
1020.0	-6	W'N	2	3o	60	65	6	–	3	9	0	9	–	0	*
1020.7	0	WNW	2	bc	60	75	6	–	7	–	0	4.6	–	0	*
1020.9	0	NW	3	3o	61	65	6	–	9	8	0	7.8	–	0	*
1020.9	-4	NW	1	bc	57	85	9	–	9	–	0	4.6	–	0	*
1021.0	+2	N	1	bc	63	85	7	4	4	–	2.3	4.6	2500	0	2
1022.1	+2	N	2	C	59	95	7	5	9	–	9	9	800	0	1
1023.0	+2	WNW	2	bc	59	95	8	7	4	–	2.3	2.3	4000	0	2
1023.7	0	NW'N	4	bc	59	85	8	8	4	–	2.3	2.3	4000	0	2
1022.2	+6	NW'N	2	b	62	75	8	–	–	–	0	0	–	0	1
1021.0	+2	NW	1	bc	58	85	8	7	6	–	4.6	4.6	5700	0	1
1020.6	-2	WSW	3	C	57	85	8	1	7	–	Tr	10	2500	1	1
1020.3	-4	W	2	c/r	56	80	6	5	7	–	4.6	9	4000	1	*
1020.0	0	NNW	2	r r	55	95	4	6	2	–	4.6	9+	2500	1	*
1019.1	-2	WNW	4	C	61	85	7	5	7	9	2.3	7.8	2500	0	3
1018.4	-2	W'S	3	C	60	85	8	5	–	2	7.8	9	4000	1	*
1017.8	-4	SW	1	F	61	75	3	7	–	–	7.8	7.8	1500	0	1
1016.0	-10	SW	4	C	57	95	8	8	7	3	4.6	9	2500	0	2
1016.0	-4	WSW	4	C	58	85	7	5	–	4	7.8	9	4000	0	*
1016.7	-8	SW'S	3	3o	57	85	6	6	–	–	10	10	450	0	*
1017.6	0	SW'S	4	3o	54	85	7	5	–	–	10	10	1500	1	*
1019.2	-2	WSW	3	C	59	75	8	6	–	–	9+	9+	2500	0	2
1015.4	-2	W'S	2	i d o	55	95	7	5	2	–	7.8	9+	1500	1	2
1013.7	-4	SSW	3	C	55	75	8	5	–	–	9	9	2500	1	1
1013.5	-2	SE	3	bc	55	85	8	8	4	1	2.3	4.6	1500	1	*
1014.9	-4	–	0	C	58	75	8	5	9	–	2.3	7.8	4000	0	1
1013.8	-2	SW	2	C	55	95	8	8	1	–	4.6	7.8	1500	1	2
1011.9	+4	SW	3	C	54	85	8	5	3	–	4.6	7.8	1500	1	*
1017.7	-6	SW	4	d d	57	95	7	6	–	–	10	10	800	1	3
1016.3	-4	WSW	3	i r	57	95	7	8	–	–	10	10	450	1	1
1018.6	-8	SW'S	4	C	57	85	8	5	7	–	7.8	10	1500	0	*
1020.9	-4	SW	1	c/r	57	95	8	8	–	–	9+	9+	2500	1	*
1022.6	-2	WSW	3	C	58	85	8	6	2	–	7.8	10	1500	0	2
1022.0	+2	N	1	C	57	86	7	6	3	–	4.6	7.8	1500	0	1

PAST 24 HOURS.

DISTRICT	STATIONS.	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 15 K. Hrs. (36)
1	London (Kew)	82	63	57	–	–	10.3
	Croydon ...	83	62	58	–	–	9.3
	S. Farnborough	84	57	47	–	–	10.8
	Bosecombe Down	82	56	54	–	–	12.6
	Calshot (Sthmtn.)	80	57	54	–	–	11.9
	Lympne ...	75	59	55	–	–	11.9
	Manston ...	72	59	56	–	–	10.4
2	Shoeburyness ...	73	63	57	–	–	10.8
	Felixstowe ...	70	61	60	–	–	10.8
	Gorleston ...	67	60	58	–	2	4.6
	Mildenhall ...	80	57	55	–	0.4	8.2
	Cranwell ...	78	55	53	–	–	5.7
3	Birmingham ...	76	56	54	–	0.1	3.5
	Upper Heyford	81	55	50	–	–	*
4	Ross-on-Wye	79	53	45	–	–	7.3
5	Portland Bill ...	70	58	*	–	–	*
	Plymouth ...	70	56	55	–	–	12.7
	The Lizard ...	77	54	*	–	–	*
	Scilly (St. Mary's)	68	56	*	–	–	13.0
	Guernsey ..	74	59	54	–	–	13.2
6	Pembroke ...	70	54	*	–	–	12.9
7	Holyhead ...	67	56	53	–	0.3	12.3
	Chester (Sealand)	70	49	45	–	1	3.8
8	Manchester ...	74	46	40	–	1	3.2
10	Spurn Head ...	65	58	*	Tr	–	2.5
	Catterick ...	75	52	45	–	–	6.7
	Tynemouth ...	68	56	51	–	–	*
11	Inchkeith ...	66	54	50	–	–	3.8
	Leuchars ...	71	50	45	Tr	–	4.0
12	Renfrew (Abbotsl.)	68	53	50	–	–	5.1
	Eskdalemuir ...	69	52	48	–	–	7.8
	Point of Ayre ...	69	52	*	–	Tr	10.7
13A	Tiree	62	54	53	Tr	1	3.4
13B	Stornoway ...	59	52	*	0.4	1	0.1
15	Dalwhinnie ...	61	50	48	–	0.5	1.4
	Aberdeen ...	66	51	44	–	Tr	1.3
	Wick ...	63	51	*	Tr	0.4	*
16	Lerwick ...	57	52	*	Tr	2	0.4
17	Blacksod Point	62	55	*	–	1	*
18	Malin Head ...	62	54	*	–	4	3.7
	Aldergrove ...	69	56	53	–	–	9.4
19	Birr Castle ...	71	54	49	–	1	11.1
20	Valentia Obsy. †	63	56	55	–	0.2	11.9
	Roches Point	67	54	*	–	–	*

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	b 3 c	bc 3 o	bb c 3 bc	82	63	57	–	–	10.3	*	*	7
CROYDON	217	b m, b c 3 o	bc 3 o b y	b c b m	83	62	58	–	–	9.3	*	*	6
GREENWICH (Royal Observatory)...	149	bc 3 o y	bc 3 o y	bc 3 o y	85	63	56	–	–	8.4	41	39	6
CITY (Bunhill Row)	—				*	*				9.6	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	84	66	58	–	–	10.3	39	44	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	83	62	59	–	–	11.0	46	53	*
CAMDEN SQUARE	110	b	bb c b	*	85	63	58	–	–	*	*	46	*
KENSINGTON	80	bc	bc	*	83	63	57	–	–	11.2	At 18h. 43	40	*
HAMPSTEAD OBSERVATORY	450	b	b	b	82	65	62	–	–	11.8	*	55	*

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	11h 15th	<0.1	2h 16th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.3	9-13h 15th	0.1	2h 16th

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.

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	1019.3	NE	2	bc	88	1020.7	–	0	bc 3 o	70	90	63	–	–
BRUSSELS	1019.9	NNW	2	bc	77	1019.4	SW	2	c	70	81	59	–	–
BERLIN	1014.7	NNW	2	bc	82	1017.6	WNW	2	C	63	86	59	–	–
ZÜRICH	1018.4	ENE	1	bc	79	1021.4	E	1	bc 3 o	63	84	57	–	–
ROME	1012.9	–	0	bc	79	1017.7	NE	2	C	73	*	*	–	–

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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 8 h.

§ Sea disturbance reported from Dungeness.

* Observations at 0820 G.M.T.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 17th July 1935

No. 26900

District	Stations (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 16th July: 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)	1019.5	-8	WNW	2	bc	75	35	8	2	8	9	1	2-3	7200
	Croydon ...	1019.0	-8	NW	3	bc	77	35	8	-	4	-	0	2-3	-
	S. Farnborough	1019.3	-6	WN	3	bc	78	35	7	-	5	-	0	4-6	-
	Boscombe Down	1019.5	-10	WS	2	bc	75	45	7	-	6	-	0	4-6	-
	Calshot (Sthmtn.)	1020.0	-6	SSW	4	bc	75	55	8	-	5	9	0	2-3	-
	Lympne ...	1019.1	-8	WSW	2	bc	79	45	6	1	8	9	Tr.	2-3	4000
	Manston ...	1019.2	-2	NW	3	3o	75	35	6	-	8	9	0	7-8	-
2	Shoeburyness ...	1019.2	-12	WNW	2	b	79	35	8	-	3	-	0	1	-
	Felixstowe ...	1018.7	-6	WN	2	bc	77	35	8	2	4	-	Tr.	2-3	4000
	Gorleston ...	1019.1	+4	NNE	5	bc	71	65	6	7	8	-	4-6	4-6	2500
	Mildenhall ...	1018.5	-2	NW	3	bc	76	35	8	1	8	8	2-3	2-3	4000
	Cranwell ...	1019.1	-4	WNW	3	r.c	60	75	6	6	7	-	9+	10	2500
3	Birmingham ...	1019.4	-6	NW	2	bc	69	55	8	1	-	9	2-3	4-6	4000
4	Upper Heyford	1019.0	-10	WN	3	c	76	45	8	7	9	-	4-6	7-8	4000
	Ross-on-Wye	1018.9	-8	W	3	bc	73	55	8	1	-	9	2-3	4-6	4000
5	Portland Bill ...	1021.2	+4	W	3	b	63	85	8	-	-	-	0	0	-
	Plymouth ...	1021.4	-2	NW	3	bc	68	65	8	1	-	-	2-3	2-3	2500
	The Lizard ...	1023.3	+2	W	3	bc	65	75	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	1023.9	+2	WNW	3	bc	67	55	8	7	-	-	4-6	4-6	4000
	Guernsey ...	1022.3	+4	WNW	3	bc	69	65	8	-	1	8	0	4-6	-
6	Pembroke ...	1021.6	0	WNW	3	c	61	75	8	5	7	-	4-6	7-8	4000
7	Holyhead ...	1019.7	-4	SWS	4	c	61	85	8	8	8	-	7-8	7-8	2500
	Chester (Sealand)	1020.1	-4	SWS	2	c	64	65	7	8	4	-	7-8	9	2500
8	Manchester ...	1019.5	-6	W	4	c	61	75	8	5	-	-	10	10	2500
10	Spurn Head ...	1017.7	-4	W	5	pr	64	75	6	5	2	-	4-6	9+	1500
	Catterick ...	1017.3	-2	W	4	c	63	75	8	5	7	-	7-8	9+	2500
	Tynemouth ...	1016.3	-8	W	2	c	66	65	7	9	-	-	7-8	7-8	1500
11	Inchkeith ...	1015.8	-6	SW	4	c	60	85	8	4	7	-	4-6	9	2500
12	Leuchars ...	1014.3	-10	SW	4	bc	67	65	7	7	-	2	4-6	4-6	2500
	Renfrew (Abbotts L.)	1015.1	-8	SWS	4	c	63	75	7	5	3	-	7-8	9+	800
	Eskdalemuir ...	1016.9	-2	SWS	4	c	58	85	8	5	-	-	10	10	2500
	Point of Ayre ...	1018.3	-4	WSW	4	o	65	75	8	5	-	-	10	10	1500
13A	Tiree	1014.8	0	WSW	4	c	60	75	8	5	3	-	4-6	7-8	2500
13B	Stornoway ...	1012.4	-2	WSW	4	c	60	55	8	8	7	-	4-6	9+	2500
15	Dalwhinnie ...	*2	-4	SW	2	c	61	75	8	4	2	1	4-6	10	2500
	Aberdeen ...	1013.8	-6	SSW	2	pr§	67	65	7	9	-	1	9	9+	2500
16	Wick	1012.5	-6	SSW	3	c	57	85	8	8	1	-	7-8	9+	1500
	Lerwick ...	1011.2	-6	SW	5	pr	55	75	8	8	7	-	4-6	9+	1500
17	Blacksod Point	1017.5	0	W	4	c	61	85	8	5	-	-	10	10	1500
18	Malin Head ...	1015.6	-2	WS	4	c	61	95	7	8	-	-	9+	9+	800
	Aldergrove ...	1017.1	-8	SWS	4	c/r	62	85	8	9	2	-	9	9+	1500
19	Birr Castle ...	1019.6	-6	SW	3	c	63	85	8	3	1	-	7-8	9+	2500
20	Valentia Obsy. †	1022.0	-6	WSW	3	d.d.	60	95	6	5	-	-	10	10	450
	Roches Point	1021.3	-6	WSW	2	c	63	75	8	6	-	-	9	9	1500

District	Stations	OBSERVATIONS at 18h. G.M.T. 16th July: 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)	1018.0	-4	WN	3	b	77	35	8	-	8	-	0	Tr.	-	0	*
	Croydon ...	1017.5	-6	NWW	3	b	78	36	8	-	4	-	0	Tr.	-	0	*
	S. Farnborough	10182	+6	W	3	b	74	35	8	-	4	-	0	Tr.	-	0	*
	Boscombe Down	1019.3	+2	WN	3	b	69	65	7	1	4	-	Tr.	1	4000	0	*
	Calshot (Sthmtn.)	1019.0	-2	SWS	4	bc	70	75	8	4	4	-	1	2-3	2500	0	§ 2
	Lympne ...	1018.2	-2	WSW	3	bc	73	55	7	7	8	-	4-6	4-6	5700	0	§ 2
	Manston ...	1017.3	-6	ESE	2	3o	71	55	6	-	8	1	0	4-6	-	0	*
2	Shoeburyness ...	1017.5	-6	NW	1	bc	77	45	8	-	3	-	0	2-3	-	0	*
	Felixstowe ...	1017.2	-6	NNE	4	b	74	55	7	7	4	-	1	1	4000	0	1
	Gorleston ...	1018.1	+4	-	0	bc	67	65	6	7	3	-	2-3	4-6	2500	1	1
	Mildenhall ...	1017.5	-2	NEN	2	3o	71	55	7	3	4	-	1	2-3	7200	0	*
	Cranwell ...	1018.0	-8	NWW	3	b	67	55	7	7	3	-	Tr.	1	4000	0	*
3	Birmingham ...	1018.1	-6	WNW	3	bc	69	45	8	5	3	-	2-3	4-6	2500	0	*
4	Upper Heyford	1018.0	-2	WNW	3	c	72	55	8	4	-	1	7-8	7-8	4000	0	*
	Ross-on-Wye	1018.4	-6	NW	3	b	70	55	8	4	3	-	1	1	4000	0	*
5	Portland Bill ...	1019.4	-10	WNW	3	b	64	85	8	-	-	-	0	0	-	0	2
	Plymouth ...	1021.5	-2	NW	4	c	64	75	8	5	-	-	7-8	7-8	1500	0	1
	The Lizard ...	1022.5	-2	W	3	bc	61	65	8	8	6	-	2-3	4-6	1500	0	1
	Scilly (St. Mary's)	1023.2	-6	WNW	3	c	62	75	8	7	3	-	4-6	7-8	4000	0	2
	Guernsey ...	1021.6	-8	WNW	5	bc	66	65	8	-	-	8	0	4-6	-	0	3
6	Pembroke ...	1020.0	-12	WS	3	c	60	85	8	8	-	-	9+	9+	2500	0	1
7	Holyhead ...	1018.1	-12	SSW	4	c	59	85	8	7	3	-	2-3	7-8	2500	1	2
	Chester (Sealand)	1018.6	-6	SW	3	c	64	65	7	5	9	-	4-6	7-8	2500	1	*
8	Manchester ...	1018.6	-6	WNW	3	c	62	75	8	7	-	-	9+	9+	2500	0	*
10	Spurn Head ...	1016.9	-4	NWW	5	bc	64	75	7	5	7	-	4-6	4-6	2500	0	4
	Catterick ...	1016.7	-6	WN	3	c	61	85	8	5	7	-	7-8	9	1500	0	*
	Tynemouth ...	1015.9	-2	W	2	c	64	75	8	8	-	-	9	9	1500	0	1
11	Inchkeith ...	1013.6	-16	SW	4	bc	62	85	8	8	-	5	4-6	4-6	2500	0	2
12	Leuchars ...	1012.9	-12	WSW	4	c/p	64	75	7	9	3	4	4-6	7-8	2500	0	*
	Renfrew (Abbotts L.)	1013.8	-10	SW'S	3	ir§	60	95	8	6	-	-	9+	9+	800	1	*
	Eskdalemuir ...	1014.6	-6	SW'S	4	c/d	59	85	7	5	-	-	9+	9+	1500	1	*
	Point of Ayre ...	1015.8	-20	W	4	c	65	75	8	4	-	-	7-8	7-8	1500	0	2
13A	Tiree	1014.5	-2	WSW	3	c	57	75	8	5	4	-	7-8	7-8	4000	0	3
13B	Stornoway ...	1011.8	-8	WSW	3	c/pr	55	75	8	5	7	-	4-6	9+	2500	1	2
15	Dalwhinnie ...	1013.2	-4	NW	2	bc	59	65	8	4	6	1	2-3	4-6	2500	0	*
	Aberdeen ...	1011.8	-4	NE	3	bc/p	61	85	8	8	-	1	4-6	4-6	4000	0	1
16	Wick	1011.7	-4	SSE	2	c	57	85	8	7	6	-	4-6	7-8	2500	0	2
	Lerwick ...	1010.5	-8	SW	4	c/pr	55	85	8	5	3	-	4-6	7-8	1500	0	*
17	Blacksod Point	1017.4	+2	W	4	id	57	85	7	6	-	-	10	10	800	1	3
18	Malin Head ...	1015.5	-4	WN	3	bc/d	58	95	8	9	8	-	2-3	4-6	800	1	1
	Aldergrove ...	1015.5	-8	WSW	3	c	63	85	9	9	-	-	9+	9+	2500	1	*
19	Birr Castle ...	1018.3	-6	SW	2	id	61	95	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1020.4	-10	SWW	4	c/d	60	95	7	5	-	-	10	10	450	1	2
	Roches Point	1019.7	-6	WSW	2	c	63	85	9	5	-	-	7-8	7-8	1500	0	2

PAST 24 HOURS.

District	Stations	Weather. 7h.—13h. 16th. (37)	13h.—18h. 16th. (38)	18h. 16th to 1h. 17th. (39)	1h.—7h. 17th. (40)
1	London (Kew)	bc	bcb	b	c
	Croydon ...	bc3.by	bcbvy	bybcvV	bcwc
	S. Farnborough	bcy	bcy	ybw	wbcc
	Boscombe Down	bybcy	bcyb	ybc	c
	Calshot (Sthmtn.)	bcby	bcyb	bcc	bbc
	Lympne ...	bc3.y	by	bcybw	bcwmV
	Manston ...	c3.y	bbc3.	bc3.b	cccm.
2	Shoeburyness ...	bc3.y	by	b	bbccm.
	Felixstowe ...	c3.bcy	bcyby	byb	bcb-c
	Gorleston ...	bc3.	bccbc	bc	bcc
	Mildenhall ...	cm.bc	bc3.b	bbc	bcc
	Cranwell ...	c.r.c	r.r.b	bbcyc	c
3	Birmingham ...	bc	bc	bc	bbc
4	Upper Heyford	bcy	bcyc	cbcc	cm.d.
	Ross-on-Wye	bcvbcc	bcybvy	bybcc	cc
5	Portland Bill ...	bcb	b	c	c
	Plymouth ...	cbcb	bybc	bcc	ccld.
	The Lizard ...	bc	bc	bcc	c
	Scilly (St. Mary's)	bcvy	bccll	c	cld.
	Guernsey ...	bbc	bc	bcco	o
6	Pembroke ...	c	c	oqldc	cqpr
7	Holyhead ...	prc	cbcc	c	c PR
	Chester (Sealand)	crrpr	c	cm.	cm. ptr
8	Manchester ...	mr4.	c	ccm.	rr.
10	Spurn Head ...	cr	cbcc	c	cbc
	Catterick ...	c	c	bcc	cRcprq
	Tynemouth ...	cffc	c	co	or
11	Inchkeith ...	c	cpr	bcc	c
12	Leuchars ...	cbc	bccddd.	cpr.bc	bcwc
	Renfrew (Abbotts L.)	ocir3.c	cir	cr.cbcc	c
	Eskdalemuir ...	c	cid.	id.iR	cbc
	Point of Ayre ...	cpr3.o	oc	ciRo	rrc
13A	Tiree	cid.	cbc	clr	cid
13B	Stornoway ...	cy	cpr	cpr.	cpr.
15	Dalwhinnie ...	ir	bc	*	c
	Aberdeen ...	bcpr	cpr	bc	bcc
16	Wick	c	c	c	c
	Lerwick ...	c	cpr	c	cpr
17	Blacksod Point	id.	id	pic	ir.
18	Malin Head ...	cpr	cir	c	cpr.
	Aldergrove ...	rr tptr	cir	cr.rc	c
19	Birr Castle ...	circ	coid	oid	oidc
20	Valentia Obsy. †	cp.d.d.	d.d.id.	cid.pr.	cpr.c
	Roches Point	c	cprc	cp.bc	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.
ip, 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 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

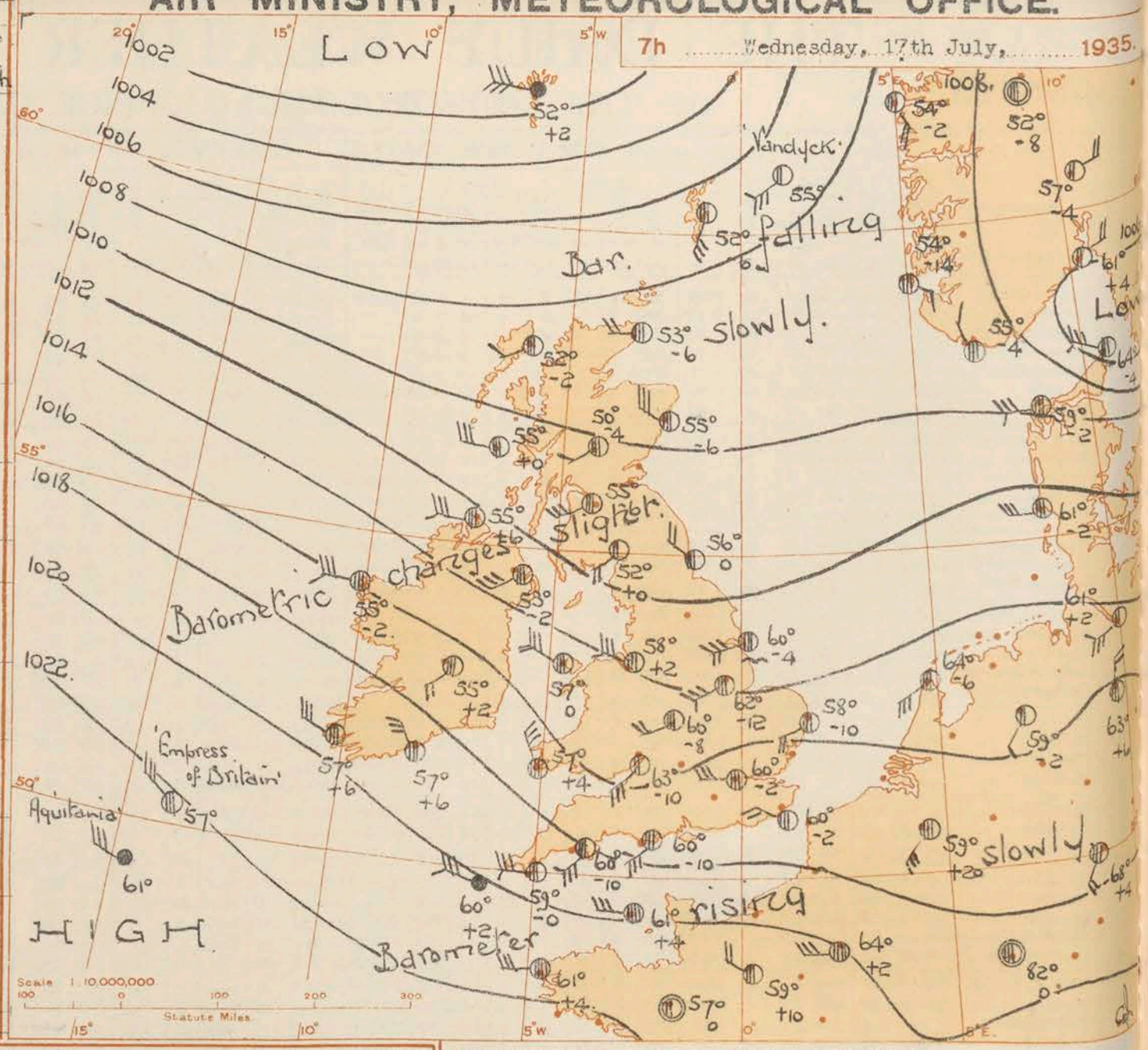
REPORTS from HEALTH RESORTS for Tuesday 16th July 1935.

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 15th to 9h. 16th	Temperature. Max. 9h.—17h. 16th	Rainfall. Night. 17h. 15th to 9h. 16th	Rainfall. Day. 9h.—17h. 16th	Sunshine. Sunrise to 17h. 16th	Sunshine. Sunrise to Sunset. 15th
1	Tunbridge W.	cb	b	57	81	-	-	9·8	10·5
	Bournemouth	bcb	b	57	80	-	-	10·1	11·8
	Ventnor ...	b3	b3	61	76	-	-	11·0	14·0
	Southsea ...	b	b	63	79	-	-	11·9	11·8
	Bognor Regis	b	b	60	74	-	-	10·8	9·9
	Littlehampton	bcb	b	59	72	-	-	10·8	11·7
	Worthing ...	b	b	61	74	-	-	11·0	12·1
	Brighton ...	b	b	61	72	-	-	10·6	12·0
	Eastbourne† ...	bcb	by	63	73	-	-	10·9	12·7
	Hastings† ...	bc	b	61	75	-	-	10·6	13·3
	Folkestone ...	bc3	bcb	57	74	-	-	9·7	11·4
	Dover ...	c3 bcb	b	61	74	-	-	10·2	11·5
	Deal	ocbc	b	60	77	-	-	8·7	9·8
	Ramsgate ...	bc	b	64	77	-	-	8·5	10·0
	Margate ...	bc	bc	63	77	-	-	9·0	10·0
2	Southend ...	cbcb	bbc	64	84	-	-	9·7	10·9
	Maldon ...	bcb	bbc	61	81	-	-	9·9	10·5
	Clacton-on-Sea	bcy	bc	63	79	-	-	8·1	9·4
	Dovercourt ...	bcv	bcv	62	81	-	-	9·4	10·8
	Lowestoft ...	b	b	60	72	5	-	8·5	4·8
	Skegness ...	bcor	orbc	61	70	-	0·2	3·8	2·9
	Mablethorpe...	oup	co	53	69	0·3	Trace	3·4	1·8
	Cleethorpes ...	cr bc	cbc	55	69	1	-	3·1	3·2
3	Leamington S.	bc	bc	55	76	1	-	8·7	7·0
4	Cheltenham†	bbc	bc	65	79	-	-	8·2	11·4
5	Bath	b	b	57	74	-	-	11·1	12·9
	Weymouth ...	b	b	57	71	-	-	11·4	13·0
	Jersey ...	b	b	61	72	-	-	12·3	14·3
	Torquay ...	b	by	58	75	-	-	12·1	13·5
	Penzance ...	b	b	56	69	-	-	11·5	13·0
	St. Ives ...	b	b	58	66	-	-	12·0	12·1
	Bude... ...	bbc	bc	47	66	-	-	11·0	12·1
	Ilfracombe ...	cbc	bbc	59	66	-	-	9·3	10·8
6	Aberystwyth	cbc	bcc	55	64	-	-	2·6	12·4
7	Llandudno ...	cr bc	bc	57	66	1	Trace	4·2	7·7
	Colwyn Bay...	bcb bc	bcbcb	56	67	1	0·5	2·4	7·1
	Rhyl	cpre	cbc	53	68	1	0·5	3·2	6·9
8	Wallasey ...	rcbc	cbcc	58	66	2	Trace	2·7	5·5
	Southport‖ ...	oco	obcoc	57	65	0·1	-	1·5	5·5
	Blackpool ...	c	c	59	64	-	-	0·3	7·0
	Morecambe ...	cbcc	c	55	63	-	-	0·6	8·8
9	Ilkley... ...	c	c	50	66	-	-	0·8	5·1
	Harrogate ...	c	c	53	64	-	-	1·2	4·4
10	Berwick-on-T.	cbc	bc	53	68	-	-	4·9	4·0
11	Dunbar ...	bc	bcp	53	69	-	-	5·5	3·6
12	Troon... ...	coc	cbcrc	57	65	Trace	1	0·1	6·9
	Douglas ...	cbcld	cbcld	54	62	Trace	Trace	1·2	11·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... Wednesday, 17th July, ... 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th July, 1935.
1 S.E. England	Light or moderate southwest wind veering west or northwest; cloudy, occasional drizzle or slight rain locally, bright intervals; cooler, but rather close at first.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate west or northwest wind; cloudy, bright intervals, local showers; average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. Temperature is given in degrees F.
Weather Symbols — Clear sky. Sky less than 3/10 clouded. Sky 3/10 to 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.

GENERAL INFERENCE.

Pressure is high to southwest and low to the north of the British Isles, while a slight trough of low pressure is moving eastwards across England. Weather will be mostly cloudy with showers at times in most districts and occasional drizzle or rain locally today in East and South England.

FURTHER OUTLOOK.

Variable cloud, local showers.

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. 6212/2904. We. 8081. O. 6001. Gp. 908. 29760. 7/35.

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

Morning of
WEDNESDAY
17TH JULY
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday, 17th July
No. 26909

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Humid.	Visibility. 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1018·1	-4	W'N	2	bc	58	88	7	–	3	–	0	4-6	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·3	-4	NW	3	bc	57	75	7	–	7	1 m	0	4-6	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1017·4	-6	SW	2	bc	59	85	7	–	7	–	0	4-6	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1019·6	-6	NW	3	c	61	88	8	4	–	–	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·3	-10	W'S	4	c	58	98	8	4	2	–	9	9+	2500
	Scilly (St. Mary's)	163	1021·4	-12	W'S	4	c	59	88	8	5	–	–	10	10	2500
	Guernsey ..	175	1021·4	-2	WNW	3	o	60	88	8	5	–	–	10	10	1500
6	Pembroke ...	142	1017·3	-8	W	3	c/a	59	95	7	5	–	–	9+	9+	2500
7	Holyhead ...	26	1015·0	-18	SW'W	3	c	59	95	7	8	–	–	9+	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010·0	-4	SW	3	c	59	88	6	5	7	8	2-3	7-8	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1012·3	-18	W	3	o	59	88	7	6	–	–	10	10	1500
11	Inchkeith ...	190	1012·7	-4	SW	3	c	54	95	8	4	3	–	4-6	9	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1013·9	-8	NE	3	o	58	95	8	6	–	–	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1010·0	-8	WSW	2	c	51	95	7	8	6	–	4-6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1009·5	-12	W	2	c	52	88	8	8	1	–	7-8	9	1500
16	Lerwick ...	156	1008·7	-8	SW	3	c	52	85	8	5	7	–	4-6	9+	1500
17	Blacksod Point	18	1016·4	-6	W	5	c	55	85	7	8	–	–	7-8	7-8	1500
18	Malin Head ...	52	1015·3	-12	W	4	c	55	95	8	8	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1018·8	-6	W	3	To	56	93	8	6	–	–	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	% Humid.	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1016·8	-6	SW	3	c	63	80	8	7	7	–	4-6	10	4000	0	*
	Croydon ...	1017·3	-2	W	3	c	60	85	8	5	9	–	7-8	9+	1500	0	*
	S. Farnborough	1017·2	-4	SW	3	c	60	85	7	5	7	–	7-8	10	1500	0	*
	Boscombe Down	1017·0	-10	SW	3	c	60	85	8	5	–	–	10	10	1500	0	*
	Calshot (Sthmtn.)	1018·2	-4	SW	3	c	62	85	8	8	7	–	4-6	10	2500	0	1
	Lympne ...	1017·7	-2	W'N	2	c	60	85	7	5	7	–	4-6	9+	5700	0	§
	Manston ...	1016·5	0	WSW	3	c	62	75	7	5	8	7	4-6	9+	7200	0	*
2	Shoeburyness ...	1017·8	0	SW'W	3	c	62	95	8	4	7	1	4-6	9	5700	0	*
	Felixstowe ...	1016·1	0	WSW	3	c	62	75	7	5	3	8	7-8	9	2500	0	1
	Gorleston ...	1015·6	-10	SW'W	2	c	58	85	6	5	3	–	4-6	7-8	2500	0	2
	Mildenhall ...	1015·0	-10	SW	3	c	63	75	7	5	–	–	9+	9+	4000	0	*
	Cranwell ...	1013·9	-18	WSW	4	c	62	75	7	5	–	–	9+	9+	5700	0	*
3	Birmingham ...	1014·8	-8	WSW	2	c	60	85	7	5	–	–	9	9	1500	0	*
	Upper Heyford	1015·9	-10	SW	3	c/d	60	85	7	5	1	–	7-8	10	800	0	*
4	Ross-on-Wye	1015·3	-10	SW	3	bc	63	85	8	8	–	–	4-6	4-6	4000	0	*
5	Portland Bill ...	1017·7	-10	SW	4	c	60	95	7	4	–	–	9	9	2500	0	3
	Plymouth ...	1018·6	-6	W	3	id.	60	95	6	5	–	–	10	10	450	0	2
	The Lizard ...	1019·8	0	W	4	c	59	95	8	5	2	–	9	10	1500	0	1
	Scilly (St. Mary's)	1020·1	+2	W'N	4	id.	60	95	7	8	–	–	9+	9+	1500	0	2
	Guernsey ..	1021·2	+4	W'N	3	o	61	85	8	5	–	–	10	10	2500	0	3
6	Pembroke ...	1016·8	+4	NNW	3	c	57	95	7	8	–	–	9+	9+	1500	1	3
7	Holyhead ...	1014·8	0	W'N	5	c	57	75	8	8	4	4	2-3	9	2500	1	2
	Chester (Sealand)	1014·5	+2	W'N	4	jp	58	85	6	5	–	–	9	9	1500	1	*
8	Manchester ...	1013·8	-2	NW	4	c	59	85	8	8	3	–	2-3	7-8	1500	1	*
10	Spurn Head ...	1012·9	-4	WSW	5	c	60	85	7	5	2	–	4-6	9+	2500	0	4
	Catterick ...	1011·8	0	N	2	c/pr	55	95	8	9	7	–	7-8	9+	1500	1	*
	Tynemouth ...	1011·3	0	NW	2	c/r	56	95	6	9	–	–	7-8	7-8	1500	1	1
11	Inchkeith ...	1011·2	-2	SW	3	c	53	85	8	4	7	–	4-6	9	2500	0	2
	Leuchars ...	1010·3	-4	W	2	c	54	75	8	5	–	–	9+	9+	5700	0	*
12	Renfrew (Abbotsl.)	1011·4	-6	WSW	3	c	55	85	8	5	7	4	9	9+	1500	0	*
	Eskdalemuir ...	1011·7	0	SW	2	bc	52	85	8	8	7	1	4-6	4-6	2500	1	*
	Point of Ayre ...	1013·5	0	WNW	4	c	55	85	8	2	4	–	2-3	7-8	2500	1	2
13A	Tiree	1011·0	0	W	3	c	55	85	7	5	3	–	2-3	7-8	2500	1	3
13B	Stornoway ...	1009·0	-2	WSW	1	c	52	95	8	8	7	–	4-6	7-8	1500	1	1
15	Dalwhinnie ...	1010·0	-4	SW	1	c	50	85	7	4	2	–	4-6	10	2500	0	*
	Aberdeen ...	1009·1	-6	WNW	3	c	55	65	8	5	3	–	7-8	9	4000	1	1
	Wick ...	1008·2	-6	W	2	c	53	95	8	8	1	–	7-8	10	1500	0	1
16	Lerwick ...	1007·1	-6	SSW	3	jp	52	85	8	8	7	–	7-8	9+	800	1	*
17	Blacksod Point	1015·1	-2	W	4	c	55	85	8	5	–	–	10	10	1500	1	3
18	Malin Head ...	1012·7	+6	W	4	c	55	95	8	8	–	–	9+	9+	1500	0	1
	Aldergrove ...	1013·7	-2	WSW	3	c	53	85	8	9	7	–	7-8	10	800	1	*
19	Birr Castle ...	1016·8	+2	SW	2	c	55	75	8	5	–	–	9+	9+	2500	1	*
20	Valentia Obsy. †	1019·6	+6	WNW	3	c	57	75	9	7	3	–	9	9+	2500	1	2
	Roches Point	1018·3	+6	NW	3	bc	57	85	8	5	3	1	1	4-6	2500	0	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F.	Temperature. Min. Night 18h–7h °F.	Temperature. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 16th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	79	58	54	–	–	13·0
	Croydon ...	79	56	53	–	Tr	12·5
	S. Farnborough	84	54	42	–	–	13·1
	Boscombe Down	77	55	52	–	–	13·4
	Calshot (Sthmtn.)	76	55	53	–	–	14·0
	Lympne ...	80	53	51	–	–	12·1
	Manston ...	78	55	53	–	–	11·6
2	Shoeburyness ...	82	55	47	–	–	11·6
	Felixstowe ...	80	56	51	–	–	11·3
	Gorleston ...	71	56	55	–	–	10·0
	Mildenhall ...	79	55	51	–	–	10·9
	Cranwell ...	72	55	54	1	–	7·9
3	Birmingham ...	73	56	52	–	–	10·4
	Upper Heyford	77	53	47	–	Tr	*
4	Ross-on-Wye	75	59	56	–	–	13·0
5	Portland Bill ...	66	59	*	–	–	*
	Plymouth ...	69	60	57	–	Tr	10·8
	The Lizard ...	66	57	*	–	–	*
	Scilly (St. Mary's)	68	58	*	–	Tr	12·3
	Guernsey ..	71	59	55	–	–	13·4
6	Pembroke ...	63	56	*	–	0·4	7·8
7	Holyhead ...	62	56	53	0·2	–	2·7
	Chester (Sealand)	67	58	54	3	4	1·5
8	Manchester ...	63	58	56	0·2	0·6	1·5
10	Spurn Head ...	67	58	*	1	–	3·1
	Catterick ...	68	55	55	–	4	3·3
	Tynemouth ...	68	56	54	–	3	*
11	Inchkeith ...	63	51	49	Tr.	–	4·3
	Leuchars ...	69	44	37	Tr.	0·3	7·9
12	Renfrew (Abbotsl.)	65	49	47	0·2	Tr	2·4
	Eskdalemuir ...	59	50	46	Tr.	8	0·0
	Point of Ayre ...	68	54	*	0·1	5	1·3
13A	Tiree	60	52	49	Tr.	1	4·8
13B	Stornoway ...	60	49	*	Tr.	2	2·2
15	Dalwhinnie ...	65	46	45	0·1	–	6·9
	Aberdeen ...	69	50	45	1	–	6·7
	Wick ...	59	48	*	–	–	*
16	Lerwick ...	57	50	*	Tr.	0·3	2·8
17	Blacksod Point	61	52	*	0·4	1	*
18	Malin Head ...	62	52	*	1	Tr	1·3
	Aldergrove ...	65	52	48	3	1	1·1
19	Birr Castle ...	65	53	49	0·1	0·3	0·2
20	Valentia Obsy. †	60	55	51	0·1	0·3	0·0
	Roches Point	64	57	*	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.	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bc	bcb	b-c	79	58	54	–	–	13·0	*	*	8
Croydon	217	bcb	bcb	bbcc	79	56	53	–	Tr	12·5	*	*	8
Greenwich (Royal Observatory) ...	149	cby	bcby	byc	85	57	51	–	–	12·1	29	69	7
City (Bunhill Row)	–	*	*	*	*	*	*	*	*	12·3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	80	61	54	–	–	12·8	31	76	*
Regents Pk. (Botanic Gardens) ...	168	*	*	*	80	58	56	–	–	12·2	41	89	*
Camden Square	110	bcb	b	*	82	58	56	–	–	*	*	73	*
Kensington	80	cod.	cobc	*	80	58	53	–	Tr	13·0	32 At 18h.	78	*
Hampstead Observatory	450	b	b	c	79	55	48	–	–	12·4	*	85	*

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.
Paris	1018·7	WNW	3	b	84	1020·1	W	3	0	64
Brussels	1017·0	WNW	2	c	75	1017·0	SW	3	c	59
Berlin	1015·8	W'N	3	r.	72	1014·6	WNW	2	c	63
Zürich	1019·6	W	2	bc	81	1020·4	SE	1	3.	68
Rome	1017·4	WNW	4	bc	77	1018·9	–	0	b	77

Past 24 Hours.

	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	88	63	–	–
Brussels	82	54	–	–
Berlin	73	61	Tr	3
Zürich	88	64	–	Tr
Rome	*	*	–	–

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·1	8h 16th	NIL	14-22h 16th

Kew Observatory. Max.	Time.	Min.	Time.
0·2	7h 16th	<0·1	14-19h 16th

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 15.
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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 18th July, 1935.
No. 26901.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1014.1	-14	W	5	c	71	45	8	8	7	-	7-8	9+	2500
	Croydon ...	1013.7	-18	W'N	5	c	71	55	8	8	-	2	4-6	7-8	2500
	S. Farnborough	1014.3	-14	W	5	c	76	55	8	8	4	2	4-6	7-8	4000
	Boscombe Down	1015.2	-12	W'N	4	bc	69	65	8	8	-	1	4-6	7-8	1500
	Calshot (Sthmtn.)	1015.8	-16	SW	5	c	66	85	8	7	3	-	4-6	7-8	2500
	Lympne ...	1015.3	-14	SWW	4	c	70	75	8	8	-	-	7-8	7-8	2500
	Manston ...	1013.8	-18	WSW	4	c	73	55	8	8	-	-	9+	9+	2500
2	Shoeburyness ...	1014.0	-20	WS	3	c	71	75	7	8	7	-	4-6	7-8	2500
	Felixstowe ...	1012.7	-22	W	4	c	72	55	7	7	3	-	7-8	7-8	2500
	Gorleston ...	1012.5	-10	W	4	c/r	70	65	7	8	-	-	7-8	7-8	2500
	Mildenhall ...	1012.7	-10	NWW	6	c/pr	68	65	8	8	-	1	9	9	2500
	Cranwell ...	1013.1	-6	W	4	c	66	55	8	8	3	-	7-8	7-8	2500
3	Birmingham ...	1014.1	-4	WNW	4	c	65	45	8	6	6	-	4-6	7-8	4000
4	Upper Heyford	1013.7	-14	W	4	q	71	55	9	8	3	6	7-8	9	2500
	Ross-on-Wye	1014.7	-4	NWN	4	c	67	55	89	4	4	1	4-6	7-8	4000
5	Portland Bill ...	1017.4	-8	W	4	c	63	95	7	4	4	-	4-6	9	2500
	Plymouth ...	1017.89	0	W	4	c/pr	65	75	8	8	-	-	9	9	1500
	The Lizard ...	1019.2	0	WNW	3	c	64	85	8	8	6	-	4-6	7-8	1500
	Scilly (St. Mary's)	1019.7	-2	NWW	3	c	67	75	8	8	6	2	4-6	9	2500
	Guernsey ...	1019.6	-4	W	4	c	66	85	6	8	-	-	9	9	1500
6	Pembroke ...	1016.5	0	WNW	3	c	60	75	8	7	6	-	7-8	9	4000
7	Holyhead ...	1014.8	-2	WS	3	c	62	75	8	7	3	-	4-6	7-8	4000
	Chester (Sealand)	1014.7	0	NWW	5	c	60	65	8	8	3	-	4-6	7-8	2500
8	Manchester ...	1013.8	+2	NWW	5	c	60	65	8	8	3	-	9	9+	2500
10	Spurn Head ...	1011.7	-4	NW	5	c	64	65	7	5	2	-	4-6	7-8	2500
	Catterick ...	1011.5	-2	NWW	4	c	61	65	8	8	7	-	7-8	9+	2500
	Tynemouth ...	1010.9	-4	W	3	c	60	65	7	4	-	-	7-8	7-8	4000
11	Inchkeith ...	1009.8	-8	WSW	4	c	59	75	8	8	4	-	4-6	7-8	4000
12	Leuchars ...	1008.7	-10	W	4	c/p	64	55	9	8	4	-	7-8	7-8	4000
	Renfrew (Abbots I.)	1010.7	+2	W	4	c	60	55	8	8	-	-	9	9	2500
	Eskdalemuir ...	1010.7	-2	WNW	3	pr	57	75	8	8	3	-	4-6	7-8	1500
	Point of Ayre ...	1013.6	0	WNW	4	c	63	75	8	2	4	-	2-3	9	2600
13A	Tiree	1011.2	+2	W	3	bc	60	65	8	5	3	-	2-3	4-6	2500
13B	Stornoway ...	1008.6	0	WNW	4	c/pr	55	85	9	8	6	-	4-6	7-8	1500
15	Dalwhinnie ...	1009.0	-2	NW	3	c	56	65	8	4	6	-	4-6	9	2500
	Aberdeen ...	1007.3	-4	SE	1	r/s	57	85	7	3	-	-	9+	9+	1500
	Wick ...	1007.1	-2	WNW	4	c	58	95	8	8	6	-	4-6	7-8	1500
16	Lerwick ...	1006.5	-8	WSW	3	c	55	75	8	8	-	9	4-6	7-8	1500
17	Blacksod Point	1016.2	+2	W	4	c	60	65	8	5	-	-	9+	9+	1500
18	Malin Head ...	1013.0	+2	W'N	4	bc	59	85	8	8	-	-	4-6	4-6	1500
	Aldergrove ...	1013.3	-4	W	3	bc	62	65	9	8	-	-	4-6	4-6	2500
19	Birr Castle ...	1016.4	-2	WSW	3	c/pr	61	75	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1019.7	-2	W	4	bc	61	75	9	2	-	1	2-3	4-6	2500
	Roches Point	1017.8	-6	NW	3	c	63	65	9	5	3	1	4-6	7-8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1013.7	-6	WNW	3	c	68	55	8	8	8	1	7-8	9	2500	0	*
	Croydon ...	1013.3	-4	NWW	4	bc	70	45	8	2	3	2	2-3	4-6	5700	0	*
	S. Farnborough	1014.1	+2	W	3	bc	69	55	8	2	4	8	4-6	4-6	2500	1	*
	Boscombe Down	1015.3	0	W'N	3	bc	64	65	8	8	3	1	2-3	4-6	2500	1	*
	Calshot (Sthmtn.)	1015.2	-2	WNW	4	c	66	65	8	7	-	8	2-3	7-8	2500	0	§2
	Lympne ...	1013.8	-10	SWW	4	c	66	85	8	8	-	1	9	9	2500	0	§4
	Manston ...	1012.8	-6	SW	4	c	68	75	8	8	3	2	4-6	7-8	2500	0	*
2	Shoeburyness ...	1012.7	-2	WNW	3	c	71	65	8	8	9	-	4-6	9	4000	0	*
	Felixstowe ...	1012.3	0	NWW	4	c	63	55	8	5	-	8	7-8	9	2500	0	2
	Gorleston ...	1012.4	0	NWW	3	c	66	85	7	3	6	1	2-3	7-8	2500	0	3
	Mildenhall ...	1012.9	+1	NWW	4	c	65	45	8	8	-	-	7-8	7-8	2500	0	*
	Cranwell ...	1013.3	0	W'N	4	bc	64	45	8	8	-	-	4-6	4-6	4000	0	*
3	Birmingham ...	1014.4	0	NNW	2	c	59	55	7	6	-	-	7-8	7-8	2500	1	*
4	Upper Heyford	1014.7	+6	WNW	4	q	62	55	9	5	3	8	7-8	7-8	2500	1	*
	Ross-on-Wye	1015.1	-4	NWW	3	bc	63	55	9	8	-	2	4-6	4-6	4000	0	*
5	Portland Bill ...	1016.2	-6	WNW	3	bc	63	85	8	4	-	-	4-6	4-6	2500	0	9
	Plymouth ...	1017.4	+2	NWW	3	c	63	65	8	7	-	8	4-6	7-8	2500	0	1
	The Lizard ...	1018.4	-4	W'N	3	bc	61	75	8	8	4	-	2-3	4-6	2500	0	2
	Scilly (St. Mary's)	1019.1	-6	NWW	3	bc	61	75	8	7	4	1	4-6	4-6	4000	0	2
	Guernsey ...	1018.2	-14	W	2	bc	66	75	8	1	1	8	1	4-6	4000	0	2
6	Pembroke ...	1015.5	-4	W	5	q	60	75	8	7	4	-	4-6	4-6	5700	0	2
7	Holyhead ...	1014.3	-4	SWW	4	c/p	60	75	9	8	3	-	4-6	7-8	4000	1	1
	Chester (Sealand)	1014.2	-6	W	2	c	60	65	8	8	3	-	4-6	9	2500	1	*
8	Manchester ...	1013.6	-2	WNW	4	b	62	65	8	7	5	1	1	1	2500	04	*
10	Spurn Head ...	1011.6	0	WNW	6	c	63	65	7	5	2	-	4-6	9	1500	0	5
	Catterick ...	1011.4	0	NWN	3	bc	62	55	8	7	3	-	4-6	4-6	4000	1	*
	Tynemouth ...	1010.1	-2	W	4	bc	63	55	7	2	-	-	4-6	4-6	2500	1	1
11	Inchkeith ...	1009.3	-4	W	4	bc	59	75	8	7	-	-	4-6	4-6	4000	0	2
12	Leuchars ...	1008.6	+2	W	4	bc	61	55	9	8	-	-	4-6	4-6	4000	0	*
	Renfrew (Abbots I.)	1010.8	+2	WSW	4	c	58	55	8	8	-	-	7-8	7-8	2500	0	*
	Eskdalemuir ...	1010.9	+2	W'N	3	bc	59	65	8	7	-	-	4-6	4-6	2500	1	*
	Point of Ayre ...	1013.5	0	W	2	bc	62	65	8	2	3	-	2-3	4-6	2500	0	1
13A	Tiree	1010.6	-2	WSW	4	pr	55	85	8	8	-	-	7-8	7-8	1500	1	3
13B	Stornoway ...	1007.0	-14	WSW	4	c	57	65	8	8	7	-	4-6	7-8	2500	1	2
15	Dalwhinnie ...	1009.5	0	NW	2	bc	56	55	8	4	6	-	2-3	4-6	2500	0	*
	Aberdeen ...	1008.5	0	NEN	1	c/pr	56	85	8	8	-	-	7-8	7-8	2500	1	1
	Wick ...	1007.3	+4	WNW	2	c	57	95	8	8	1	-	7-8	9	1500	1	1
16	Lerwick ...	1006.1	-2	WSW	3	bc	55	65	8	8	-	9	4-6	4-6	1500	0	*
17	Blacksod Point	1015.1	-12	W	4	c	58	85	8	5	-	-	9+	9+	1500	0	3
18	Malin Head ...	1012.3	-10	W'N	4	c	57	95	7	8	-	-	9+	9+	1500	1	1
	Aldergrove ...	1013.2	-2	W'N	3	c	60	55	9	8	-	-	9+	9+	2500	0	*
19	Birr Castle ...	1015.7	-2	WSW	3	c	63	65	8	8	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy. †	1018.0	-16	W	2	c	58	85	8	5	-	1	9	9+	1500	0	1
	Roches Point	1016.6	-8	WNW	3	c	63	75	9	5	-	-	7-8	7-8	1500	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h. ...17th (37)	Weather. 13h.—18h. ...17th (38)	Weather. 18h. 17th to 1h. 18th (39)	Weather. 1h.—7h. ...18th (40)
1	London (Kew)	bcp, cy	cbc cy	c	c
	Croydon ...	cp5y	cy bc●c	cby●	bc●c
	S. Farnborough	cPR bc	bcc bcy	bcyc	c
	Boscombe Down	cpr bc	bcy bc	bcc	c
	Calshot (Sthmtn.)	c bc	bcp5 cbc	bcb bcc	c
	Lympne ...	c	cp5c	bcc	c●⊕
	Manston ...	c	cyc p.	cyc	c
2	Shoeburyness ...	C	C	cbc	bcc
	Felixstowe ...	cy	cy	cyc	ccz.
	Gorleston ...	cp5	bcc p5	Cq bcb	bbcc
	Mildenhall ...	cp5	cy	cbc	bcc
	Cranwell ...	r5c	cy bcy	bc	bccm.
3	Birmingham ...	pr bc	bcc	bc	bcc
4	Upper Heyford	cr5 yv	cqyv	cbc	bccm.w
	Ross-on-Wye	bcp. by	cv bcbv	bc	cor.
5	Portland Bill ...	c	cbc	bbc	c
	Plymouth ...	cid. p5	cbcyv	cbc	c
	The Lizard ...	cpd.	cbc	bcc	comd.
	Scilly (St. Mary's)	id. p.	cbc	bc d.	cidc
	Guernsey ...	oidmc	cbc	bc	bcodr
6	Pembroke ...	c	cbccv	c	cr5c
7	Holyhead ...	c	cp5	cpr.c	c
	Chester (Sealand)	cm. dv	cv	cbc	cRc.
8	Manchester ...	cbcc	cb	bbc	HR5
10	Spurn Head ...	pr5c	bc	cbc	bcc
	Catterick ...	cpr5c	cy bcy	bcb	bbcwc
	Tynemouth ...	c	cp. bc	bc	bcc
11	Inchkeith ...	c	cbc	bcc	c
12	Leuchars ...	cjp	cjp bc	bcyc	cw
	Renfrew (Abbots I.)	cpr5cy	cbccy	cycrc	ccrc
	Eskdalemuir ...	prp5	p5 bcy	bc	bcc
	Point of Ayre ...	c	cbc	bcc	c
13A	Tiree	cirbc	bccpr	cpr.	cpr.
13B	Stornoway ...	cpr4	cpr5 q	cpr. q	cbcpr c
15	Dalwhinnie ...	irc	ir	*	irc
	Aberdeen ...	bcRcPR	cPR	bcPR	bcw
	Wick ...	cpr5c	circ	bcc	c
16	Lerwick ...	cp5	cbc	bcc	c
17	Blacksod Point	prc	c	cyc	cbc
18	Malin Head ...	cp5	bccp5	C	cPR
	Aldergrove ...	wcc. bc	bccyc	cprc	cpr.c
19	Birr Castle ...	cpr	cprc	c	cpr
20	Valentia Obsy. †	cbc	bccp5c	cpr5c	p5pre
	Roches Point	bcc	c	c	cprc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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.*

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

§ Sea disturbance reported from Dungeness.

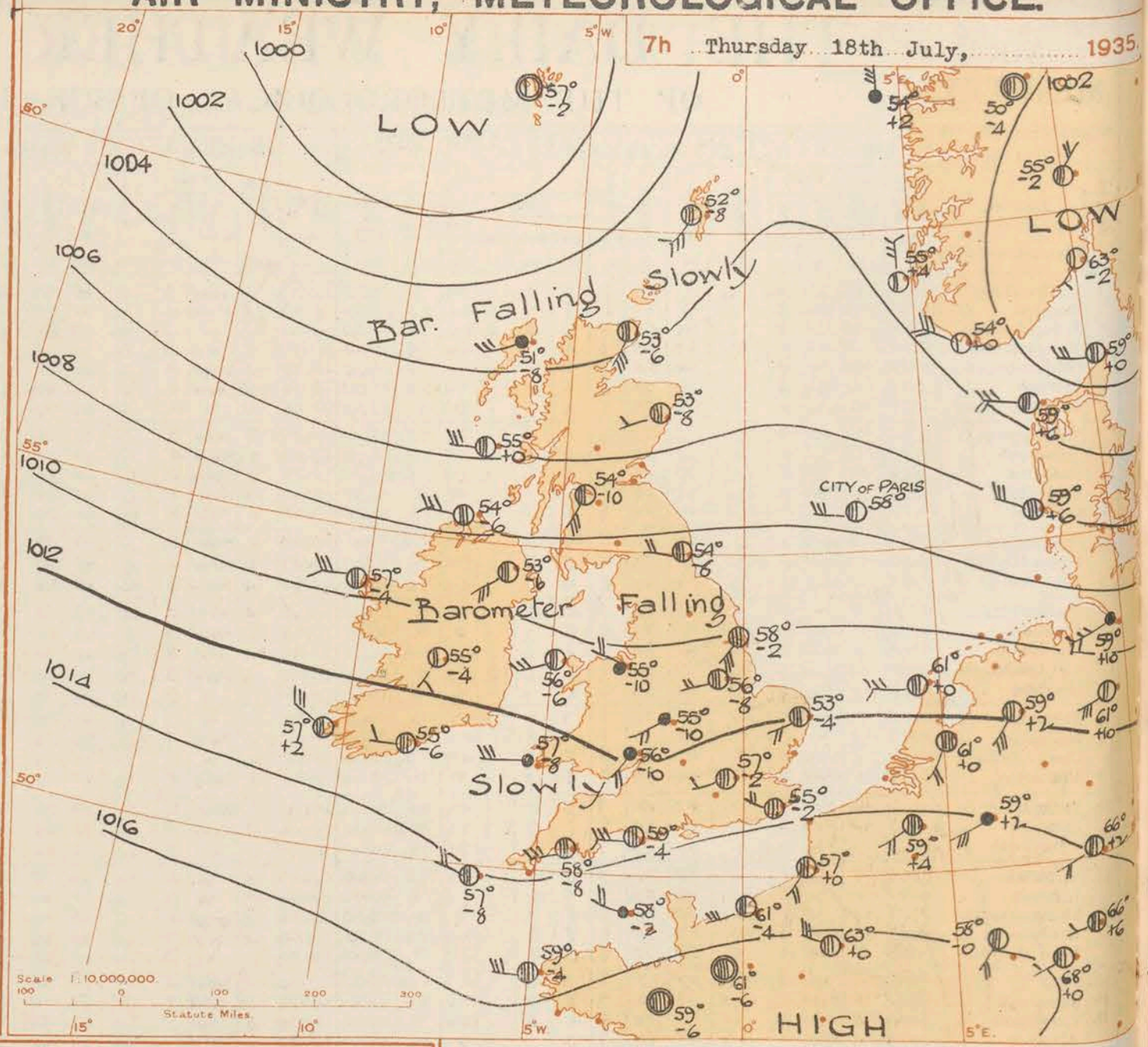
REPORTS from HEALTH RESORTS for 17th July, 1935.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h.16th to 9h.17th.	Temperature. Max. 9h.—17h. 17th.	Rainfall. Night. 17h.16th to 9h.17th.	Rainfall. Day. 9h.—17h. 17th.	Sunshine. Sunrise to 17h. 17th.	Sunrise to Sunset. 16th.
1	Tunbridge W.	obc op	bc pc	54	73	-	1	4.2	12.2
	Bournemouth	obc	bc	58	74	-	-	5.8	12.6
	Ventnor ...	b 3	b 3	57	72	-	-	6.3	13.0
	Southsea ...	cbc	bc	59	73	-	-	4.7	14.4
	Bognor Regis	bc b	bbc	56	70	-	-	5.8	12.3
	Littlehampton	cbc	bc	56	69	-	-	5.0	13.3
	Worthing ...	cbc	bc bbc	56	70	-	-	5.2	13.6
	Brighton ...	cbc	bc	58	67	-	-	5.3	12.9
	Eastbourne† ...	cbc	bc cbc	57	67	-	-	4.6	13.3
	Hastings† ...	ocbcc	bc	54	67	-	-	4.0	12.9
	Folkestone ...	cbcc	bc cbc	56	69	-	Trace	6.0	12.1
	Dover ...	cbc	bcc	58	67	-	-	5.3	12.1
	Deal	oc bc	bcc	57	74	-	Trace	4.7	10.5
	Ramsgate ...	c	c pc	63	73	-	0.2	5.5	10.6
	Margate ...	cbc	bcc	58	74	-	-	4.0	11.0
2	Southend ...	oc	c pc	58	76	-	Trace	4.1	12.0
	Maldon ...	cbc	po bcc	53	74	-	Trace	3.9	12.1
	Clacton-on-Sea	cbcc	cbcy	56	74	-	-	4.8	10.1
	Dovercourt ...	bc bcc	bcv	57	74	-	-	6.3	11.5
	Lowestoft ...	bc pr		55	73	-	3	4.1	9.9
	Skegness' ...	o qo	obc	56	68	Trace	Trace	3.8	5.7
	Mablethorpe...	op	o bcc y	56	68	-	Trace	2.6	3.7
	Cleethorpes ...	c 3	cbc	55	68	Trace	-	2.6	3.9
3	Leamington S.	c	c	56	69	-	-	4.6	10.7
4	Cheltenham†	cbc	bc	59	70	Trace	-	5.7	10.5
5	Bath	bc	bc	59	69	1	-	7.3	13.8
	Weymouth ...	cbc	b	59	71	-	-	6.9	14.0
	Jersey ...	c	c	59	66	-	-	0.8	14.5
	Torquay ...	c pbc	bbc y	60	71	-	1	5.6	14.7
	Penzance ...	d d cbc	b	60	68	1	0.4	5.9	11.7
	St. Ives ...	p	b	56	66	1	0.3	5.4	12.1
	Bude... ...	cbc	bcb	58	65	3	-	5.1	11.6
	Ilfracombe ...	cbc cp	bcb	60	65	0.3	0.1	2.0	10.8
6	Aberystwyth	pr bc	bcc	57	64	1	-	6.2	2.6
7	Llandudno ...	c	c pbc	56	63	0.2	Trace	2.0	6.1
	Colwyn Bay...	cbc bc	bcbpc	56	63	2	0.3	4.1	2.9
	Rhyl	cbc	bcc	56	64	1	-	4.6	5.4
8	Wallasey ...	cbc	bc	57	68	3	-	4.4	3.4
	Southport‖ ...	cbc	cbc	57	63	0.2	-	4.5	1.5
	Blackpool ...	cbc	bcc	56	64	0.2	-	6.0	0.5
	Morecambe ...	bcc	cbcc	56	62	1	-	2.4	0.6
9	Ilkley... ...	bc	bc	56	64	0.5	-	6.9	2.7
	Harrogate ...	cbc	bcb	57	63	0.2	-	3.7	1.5
10	Berwick-on-T.	cbc	bc	53	66	0.5	-	8.7	6.6
11	Dunbar ...	bc	bc	50	65	-	-	5.0	6.3
12	Troon... ...	c o cbc	bc bcb	55	64	-	-	3.5	0.2
	Douglas ...	cb	cb	53	62	1	-	4.9	1.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday 18th July, 1935.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Light or moderate southwest or west wind; showers, perhaps local thunderstorms, bright intervals; average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Light or moderate westerly wind, backing later; local showers, bright intervals; average temperature.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light or moderate southwest or west wind; local showers, bright intervals; average temperature.
12 S.W. Scotland & Isle of Man.	As 5 - 8.
13 A. W. Scotld. / B.N.W. Scotland.	Light or moderate west or northwest wind, backing; showers, some bright intervals; perhaps more general rain tomorrow; average temperature.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	As 9 - 11.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Light or moderate west wind, backing later; local showers, bright intervals; perhaps more general rain tomorrow; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS. — ◯ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 4/10 to 5/10 clouded. ◑ Sky 1/10 to 3/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ₹ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high near the Azores and low near the Faeroes. Another disturbance will approach from the Atlantic. Showers will occur in most districts, though there will be bright intervals. There is a chance of local thunder in the southeastern half of England.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1030 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2
5.212 2304 W. 8081 D. 6001 Gp. 9[illegible] 7/35

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

Morning of
THURSDAY
18TH JULY.
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 18th July, 1935.

No. 26901.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014·5	-2	W'N	2	c	54	75	8	-	3	5	0	7-8	—
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1015·0	-2	NW	2	c	57	89	8				0	0	4000
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1013·3	0	WSW	3	b	54	75	7	-			0	0	—
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1015·7	-8	NW	2	c	58	95	8	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1016·7	-10	W'S	3	c	57	88	8	8	-	-	9	10	1500
	Scilly (St.Mary's)	163	1017·3	-14	W'N	2	c/d	58	82	8	5	-	-	10	10	2500
	Guernsey ..	175	1017·3	-8	W	2	bc	58	85	7	-	-	8	0	4-6	—
6	Pembroke ...	142	1014·0	-12	W'N	2	c	58	95	7	5	-	-	7-8	10	2500
7	Holyhead ...	26	1012·2	-14	W'N	3	c	57	85	8	5	-	-	7-8	10	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1012·0	+2	WNW	5	bc	56	85	7	-	-	-	0	2-3	—
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1010·7	+2	WNW	2	bc	52	75	7	4	-	-	2-3	2-3	2500
11	Inchkeith ...	190	1009·7	-2	SW	3	c	52	95	8	5	7	-	4-6	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1012·2	-6	W	4	c	55	85	8	5	-	-	9	9	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1004·1	-12	SW	3	c	51	85	7	8	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1005·4	-14	WSW	3	c	49	95	8	8	7	-	7-8	9	1500
16	Lerwick ...	156	1004·1	-6	SSW	3	c	51	85	8	5	7	-	4-6	7-8	1500
17	Blacksod Point	18	1011·6	-16	W	4	c	54	85	8	8	-	-	7-8	7-8	1500
18	Malin Head ...	52	1009·2	-14	W	3	c/pr	54	95	7	8	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1014·9	-20	W	3	r₀r₀	57	85	8	8	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

DISTRICT.	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	1013·0	-6	SW	2	c.	59	85	7	5	1	-	4-8	10	4000	0	*
	1013·2	-2	WSW	1	c	57	75	7	5	7	-	4-6	9+	5700	0	*
	1012·9	-4	SW	3	c	57	85	7	5	2	-	4-6	10	5700	1	*
	1013·2	-10	S'W	1	c	54	95	7	5	-	-	10	10	4000	1	*
	1013·9	-2	WSW	2	c	59	85	8	8	7	-	7-8	10	1500	0	1
	1014·2	-1	WNW	2	c	55	85	8	5	7	7	2-3	9+	4000	0	§2
	1013·2	-1	WSW	3	c	57	75	8	5	2	-	2-3	8	5700	0	*
2	1013·3	-1	WSW	1	c	60	85	7	-	2	7	0	10	-	0	*
	1012·7	-1	SW	1	c	58	75	7	5	1	-	4-6	10	7200	0	0
	1012·5	-4	SW'W	2	c	53	85	6	5	7	-	4-6	9+	2500	0	2
	1012·2	-6	SSW	2	c	57	75	8	5	-	8	4-6	10	4000	0	*
	1011·4	-8	WSW	2	$c2_0$	56	85	6	6	2	-	7-8	10	2500	0	*
3	1011·7	-10	SW	2	r	55	85	7	6	7	-	4-6	8	2500	0	*
4	1012·1	-12	SW	2	$c2_0$	55	95	6	5	1	-	7-8	10	1500	0	*
	1011·8	-10	SW	2	r_0r_0	56	95	7	6	2	-	8	10	2500	1	*
5	1013·4	-4	WSW	4	c	59	85	7	4	7	-	7-8	10	2500	3	0
	1013·4	-8	WSW	3	c	58	85	7	5	7	2	4-6	9+	1500	0	1
	1014·5	-8	WSW	2	d_0d_0	56	95	8	5	-	-	10	10	800	1	2
	1014·0	-8	WNW	2	c	57	95	8	8	6	-	7-8	9+	1500	1	2
	1015·8	-2	W'N	2	r_0r_0	58	95	4	5	-	-	10	10	1500	1	3
	1010·9	-8	W	3	r_0r_0	57	85	8	8	2	-	7-8	10	1500	1	2
	1010·4	-6	W'S	3	c	56	85	8	8	9	-	4-6	9	2500	1	2
	1010·6	-10	WNW	2	r_0	55	85	6	5	2	-	7-8	10	1500	1	*
	1010·6	-10	SW	1	r/hr	53	95	3	9	-	-	10	10	450	2	*
	1010·7	-2	SW	3	c	58	85	6	5	2	-	4-6	9	1500	0	2
	1009·1	-10	SW	2	c	55	85	8	5	7	-	2-3	10	4000	1	*
	1008·8	-8	W	2	c	54	85	6	4	-	-	7-8	7-8	4000	0	1
11	1007·7	-8	SW	4	c	53	85	8	5	-	-	9+	9+	2500	0	2
	1006·4	-10	WSW	4	c	54	85	7	8	-	6	2-3	9	1500	0	*
12	1007·1	-10	SW'S	3	c	54	85	8	8	7	8	7-8	9	800	1	*
	1007·3	-10	WSW	3	c	51	85	8	5	7	1	4-6	7-8	1500	1	*
	1009·4	-10	W	4	c	55	75	8	5	4	-	4-6	7-8	2500	0	2
13A	1005·9	0	W	3	c	55	85	8	8	3	-	4-6	7-8	2500	1	3
13B	1003·1	-8	WSW	3	PR	51	95	8	5	7	-	4-6	9	2500	1	1
15	1006·0	-6	SW	1	c	49	95	7	4	2	1	2-3	10	2500	1	*
	1005·5	-8	WSW	1	c	53	75	8	8	9	-	4-6	7-8	4000	1	1
	1003·5	-6	SSW	3	c	53	95	8	8	9	-	7-8	9	1500	1	2
16	1002·1	-8	SW	4	c	52	85	8	8	-	2	4-6	7-8	1500	0	*
17	1003·8	-4	W	4	c	57	85	8	8	-	-	7-8	7-8	1500	0	3
18	1006·9	-6	W	4	c/pr	54	95	7	8	-	-	9+	9+	800	1	2
	1003·2	-6	SW	3	c	53	85	8	5	7	-	7-8	9+	1500	0	*
19	1011·2	-4	SW	1	bc/pr	55	95	8	3	3	-	2-3	4-6	2500	1	*
20	1013·3	+2	NW	3	c	57	85	9	7	-	-	9	9	1500	1	2
	1013·0	-6	W	1	c	55	95	8	8	3	-	4-6	7-8	1500	1	1

PAST 24 HOURS.

DISTRICT.	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 Hrs. (36)
1	72	50	48	Tr.	-	4·8
	74	54	50	Tr.	-	6·2
	77	50	46	3	Tr	8·8
	70	50	47	0·1	-	9·8
	71	53	50	Tr.	-	6·7
	71	52	50	Tr.	-	5·0
	72	54	51	0·1	-	5·0
	70	54	44	Tr.	-	5·0
	73	55	50	-	-	6·0
	70	50	49	Tr.	-	4·3
	71	49	45	0·4	-	4·1
	68	48	45	8·0	-	5·0
3	66	53	50	0·4	Tr	4·6
4	71	47	39	0·5	-	*
	69	54	48	Tr.	1	7·1
5	64	57	*	-	-	*
	67	55	52	0·1	-	4·8
	66	56	*	Tr.	0·1	*
	67	56	*	0·1	1	4·3
	68	58	54	Trace	0·2	3·9
6	62	55	*	-	Tr	10·0
7	64	55	52	Tr.	Tr	6·4
	63	54	49	Tr.	1	4·3
	64	48	39	-	4	6·0
10	67	52	*	Tr.	-	4·6
	66	50	40	Tr.	-	6·9
	64	52	47	0·3	-	*
11	61	51	48	-	-	9·1
	68	47	39	-	-	8·7
12	63	50	48	Tr.	3	4·7
	62	47	42	0·6	-	6·3
	65	49	*	-	-	5·4
13A	61	52	49	1	1	6·7
13B	61	49	*	1	3	5·3
15	60	44	39	1	0·1	7·9
	62	43	39	1·5	2	2·5
	62	47	*	2	-	*
16	57	49	*	Tr.	0·2	9·0
17	60	51	*	1	Tr.	*
18	60	52	*	0·6	2	3·2
	64	50	47	Tr.	0·3	3·2
19	64	51	48	1	6	2·4
20	62	55	52	Tr.	1	6·5
	64	54	*	-	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.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
										Yesterday.		To-day.	
KEW	18	bc p c y	cb c c y	c	72	50	48	Tr	-	4·8	*	*	7
CROYDON	217	cp f c y	c y b c ⊜ c	c o y b c ⊜ c	74	54	50	Tr	-	6·2	*	*	8
GREENWICH (Royal Observatory)...	149	c r₀	c y	c b ⊜ c	*	54	47	Tr	-	3·4	47	68	7
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	3·9	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	74	55	49	-	-	4·9	51	76	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	74	55	52	Tr	-	4·3	60	81	*
CAMDEN SQUARE	110	c e p	e b c	*	75	55	51	Tr	-	*	*	72	*
KENSINGTON	80	b c	c	*	75	55	47	-	-	4·6	At 18h. 51	81	*
HAMPSTEAD OBSERVATORY	450	c	b c p	b c	72	51	43	0·2	-	4·8	*	83	*

FOREIGN OBSERVATIONS.

STATIONS.	18h. G.M.T. 17th. TIME. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 18th. TIME. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
PARIS	1017·5	WNW	3	c	68	1016·1	WNW	3	c	63
BRUSSELS	1014·2	SW'W	3	c	66	1013·2	WSW	2	c	59
BERLIN	1010·9	W	2	c	77	1010·0	W'N	3	c	64
ZÜRICH	1016·7	W	3	bc	82	1015·4	NW	2	c	68
ROME	1016·1	WNW	4	b	77	1015·5	NW	2	b	77

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON. Max.	Time.	Min.	Time.
<0·1	whole	period.	

KEW OBSERVATORY. Max.	Time.	Min.	Time.
<0·1	whole	period.	

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
75	57	-	-
73	57	-	-
77	61	-	Tr.
88	66	-	-
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ „
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 8 h. § Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 19th July, 1935.
No. 26902.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1009.8	-18	W	2	c/pr	63	75	8	8	–	–	7-8	7-8	2500
	Croydon ...	1009.7	-18	WSW	3	c/pr	61	75	8	9	7	–	7-8	9+	2500
	S. Farnborough	1009.4	-20	WSW	3	c/pr	69	55	7	2	3	–	7-8	7-8	2500
	Boscombe Down	1010.5	-10	W'S	3	c/r	57	95	6	5	–	–	9	9	800
	Calshot (Sthmtn.)	1011.2	-14	SW'S	5	c	64	75	8	8	4	–	4-6	7-8	1500
	Lympne ...	1010.8	-20	SW	5	c	65	65	8	8	7	1	7-8	9+	2500
	Manston ...	1010.1	-18	SW	4	c	65	55	8	7	3	–	7-8	9	4000
2	Shoeburyness ...	1009.9	-18	SW'S	4	c	66	75	8	8	7	–	7-8	9	4000
	Felixstowe ...	1009.6	-14	WNW	3	c/r	61	75	6	9	3	–	7-8	9+	1500
	Gorleston ...	1009.8	-20	W	3	r$_o$c	64	85	5	6	–	–	10	10	800
	Mildenhall ...	1009.2	-6	SW'W	3	c/r$_o$	59	85	8	9	7	3	4-6	9+	800
	Cranwell ...	1008.9	-14	W'N	3	c/r$_o$	59	75	6	9	7	–	4-6	9	1600
3	Birmingham ...	1009.2	-16	WNW	2	c/pr	57	75	8	6	3	–	4-6	7-8	1500
4	Upper Heyford	1009.6	-14	W	1	c	57	95	6	3	4	–	7-8	9	1500
	Ross-on-Wye	1009.0	-10	W'N	3	c	64	55	9	2	–	–	7-8	7-8	4000
5	Portland Bill ...	1011.9	-16	WSW	3	pr	60	95	7	4	–	–	9	9	2500
	Plymouth ...	1011.4	-12	SW'W	4	bc/pr	63	85	8	8	4	–	4-6	4-6	1500
	The Lizard ...	1012.4	-6	W	3	bc	65	85	8	8	–	–	2-3	2-3	1500
	Scilly (St.Mary's)	1013.0	-4	NW'N	2	bc	66	75	8	8	6	–	2-3	4-6	2500
	Guernsey ...	1013.3	-4	WSW	4	c	64	75	8	8	–	–	9+	9+	2500
6	Pembroke ...	1010.0	-6	W'N	3	bc	60	75	9	7	6	–	2-3	4-6	5700
7	Holyhead ...	1008.5	-10	SW	3	bc	62	75	8	8	4	1	4-6	4-6	2500
	Chester(Sealand)	1009.0	-10	WNW	2	pr	61	75	7	9	–	–	9	9	4000
8	Manchester ...	1008.7	-14	W'S	2	c/pr	61	65	6	8	±	–	9	9	2500
10	Spurn Head ...	1008.5	-6	ESE	2	c	56	75	7	5	2	–	7-8	9	2500
	Catterick ...	1006.3	-20	W'S	4	c/pr	64	55	8	8	3	–	4-6	7-8	4000
	Tynemouth ...	1006.4	-8	W	2	c	65	55	7	2	6	–	4-6	7-8	2500
11	Inchkeith ...	1006.0	-6	SW	4	c/p	54	85	8	8	–	–	9	9	2500
12	Leuchars ...	1004.0	-14	SW	4	c/pr	62	75	8	9	3	1	4-6	7-8	1500
	Renfrew (Abbots I.)	1005.7	-6	W/N	5	c/pr	56	75	7	9	–	–	10	10	2500
	Eskdalemuir ...	1005.6	-8	SW'W	4	pr	53	85	8	9	–	3	4-6	7-8	2500
	Point of Ayre...	1007.6	-10	W'N	4	c	66	65	8	2	–	–	7-8	7-8	4000
13A	Tiree	1005.4	0	W	4	bc	60	75	8	8	4	–	4-6	4-6	2500
13B	Stornoway ...	1001.6	+2	W	2	c	54	75	7	8	7	–	4-6	9	1500
15	Dalwhinnie ...	1004.4	-4	SW	2	c	55	65	8	4	2	–	4-6	10	2500
	Aberdeen ...	1003.4	-10	SE	3	pr	55	85	6	3	–	–	9	9	1500
16	Wick ...	1002.7	-2	N	2	pr	53	95	8	8	1	–	7-8	9+	1500
	Lerwick ...	1002.0	-6	SW	4	bc	54	75	8	8	7	1	2-3	4-6	1500
17	Blacksod Point	1010.3	0	W	4	bc	59	65	8	2	4	–	2-3	4-6	2500
18	Malin Head ...	1006.8	0	W'N	3	c	58	75	8	8	–	–	9	9	1500
	Aldergrove ...	1007.5	-4	–	0	c/pr	58	75	9	9	–	3	9	9+	1500
19	Birr Castle ...	1010.1	-2	WSW	3	c/pr	61	65	8	8	–	–	7-8	7-8	2500
20	Valentia Obsy.†	1013.7	+2	W'N	4	c	59	75	8	8	–	–	9	9	1500
	Roches Point	1012.0	-6	WNW	3	c	63	75	9	9	–	–	7-8	7-8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1008.3	-4	WNW	2	bc/pr	64	65	8	8	–	3	4-6	4-6	2500	1	*
	Croydon ...	1008.3	-2	N'W	1	8-/r$_o$	58	85	8	9	3	–	2-3	2-3	2500	1	*
	S. Farnborough	1008.2	0	W'N	2	bc	66	65	8	2	3	1	4-6	4-6	4000	1	*
	Boscombe Down	1009.0	0	WNW	4	bc	65	55	8	2	–	–	2-3	2-3	2500	1	*
	Calshot (Sthmtn.)	1010.0	-8	SW	4	bc	64	85	8	8	–	–	2-3	2-3	4000	1	2
	Lympne ...	1009.2	-8	SW'W	3	c	63	75	8	8	–	–	9	9	1500	0	§ 3
	Manston ...	1008.3	-8	W	4	c/pr	63	75	8	8	3	–	9	9	2500	0	*
2	Shoeburyness ...	1008.4	-6	WSW	2	bc	63	85	8	8	7	–	4-6	4-6	4000	1	*
	Felixstowe ...	1008.1	0	W	2	c	62	75	7	8	3	–	4-6	7-8	2500	1	/
	Gorleston ...	1007.8	-6	SW'W	2	c/r	58	95	6	9	3	–	4-6	7-8	2500	1	2
	Mildenhall ...	1007.5	-2	W'S	2	c	61	85	8	8	3	–	4-6	7-8	1800	1	*
	Cranwell ...	1007.7	-4	WNW	3	bc	63	55	7	8	5	–	1	2-3	4000	1	*
3	Birmingham ...	1007.8	0	WNW	3	c	63	55	8	9	–	–	7-8	7-8	2500	1	*
4	Upper Heyford	1008.1	-4	NW	3	bc	65	65	9	8	–	–	4-6	4-6	2500	1	*
	Ross-on-Wye	1008.8	+4	WNW	3	bc	65	55	9	8	–	–	4-6	4-6	4000	0	*
5	Portland Bill ...	1010.0	-10	WSW	4	bc	60	85	8	2	–	–	2-3	2-3	2500	1	3
	Plymouth ...	1010.8	+2	W'N	4	c	65	65	9	8	3	–	4-6	7-8	2500	0	2
	The Lizard ...	1012.2	+2	WNW	4	bc	61	75	8	4	6	–	2-3	4-6	1500	0	1
	Scilly (St.Mary's)	1012.8	0	NW'W	4	bc	61	75	8	8	–	–	4-6	4-6	2500	0	2
	Guernsey ...	1011.9	+2	WSW	2	bc	64	75	8	8	–	–	4-6	4-6	2500	0	1
6	Pembroke ...	1009.5	-6	W	3	bc	60	85	8	7	7	–	2-3	4-6	4000	0	2
7	Holyhead ...	1008.3	0	W'S	3	bc/pr	59	85	8	8	6	–	2-3	4-6	4000	1	2
	Chester(Sealand)	1008.1	0	WNW	4	c/p	60	65	8	9	4	–	4-6	7-8	4000	1	*
8	Manchester ...	1007.7	0	WNW	4	bc	62	55	8	2	5	–	1	2-3	4000	1	*
10	Spurn Head ...	1006.9	-6	SE	2	bc	60	85	7	5	7	1	2-3	4-6	2500	1	1
	Catterick ...	1006.0	0	WNW	2	c/pr	60	75	8	9	9	–	7-8	7-8	2500	1	*
	Tynemouth ...	1006.0	-6	W	3	bc	61	65	7	9	–	–	4-6	4-6	1500	0	1
11	Inchkeith ...	1004.5	-10	SW	4	c	59	75	8	8	6	–	4-6	7-8	2500	0	3
12	Leuchars ...	1003.2	-6	W	3	c	58	65	8	9	–	–	7-8	7-8	1500	1	*
	Renfrew (Abbots I.)	1005.1	+2	WNW	3	bc	56	65	8	8	6	–	4-6	4-6	2500	1	*
	Eskdalemuir ...	1005.0	-2	WNW	3	bc	58	65	8	8	–	–	4-6	4-6	2500	1	*
	Point of Ayre...	1007.3	+2	NW	3	bc	67	75	8	4	4	–	1	4-6	4000	0	1
13A	Tiree	1005.1	0	W'N	4	bc	56	85	8	8	6	–	2-3	4-6	2500	0	3
13B	Stornoway ...	1002.2	-2	WNW	4	c	67	75	8	8	7	–	7-8	9	1500	1	2
15	Dalwhinnie ...	1003.9	-2	NW	1	c	52	75	8	4	6	–	4-6	10	2500	1	*
	Aberdeen ...	1003.4	-6	SE	1	pr	52	85	7	9	–	–	9	9	1500	1	1
16	Wick ...	1002.3	-2	ESE	2	c/r	53	95	8	8	1	–	7-8	9	1500	1	2
	Lerwick ...	1002.0	0	SW'S	3	pr	54	75	8	8	7	–	4-6	7-8	1500	0	*
17	Blacksod Point	1009.5	-8	W	4	c	58	65	8	3	–	7	4-6	7-8	2500	0	3
18	Malin Head ...	1006.7	-4	W'N	4	c	57	85	8	8	–	–	7-8	7-8	1500	0	/
	Aldergrove ...	1007.2	+2	NW'W	3	c	60	65	9	8	3	–	7-8	7-8	4000	1	*
19	Birr Castle ...	1009.6	-4	WSW	3	bc	62	65	8	8	–	–	4-6	4-6	2500	1	*
20	Valentia Obsy.†	1012.8	-6	WNW	3	c/p	57	75	8	5	–	–	9+	9+	4000	0	2
	Roches Point	1011.7	-4	NW	3	bc	63	65	9	8	–	9	4-6	4-6	2500	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h. 18th (37)	Weather. 13h.—18h. 18th (38)	Weather. 18h. 18th to 1h. 19th. (39)	Weather. 1h.—7h. 19th (40)
1	London (Kew)	c p r$_c$	c p R	b c p r$_o$	c
	Croydon ...	c p r$_o$ c v	c p R d r q	b p r c$_o$ c$_o$	c w ⊕ c$_m$
	S. Farnborough	c p r$_o$ c	p R c p r q	b c o b c	c w
	Boscombe Down	c b m$_o$	b c y v o	b o z	c w c
	Calshot (Sthmtn.)	b p r c b c	b c b p r	b c w	c w
	Lympne ...	c	c b c r	c f r v b	b i f c
	Manston ...	c y	c y t b r$_o$ p r	d r o c b	b-c m$_o$ c
2	Shoeburyness ...	c	p r q t b c	b c p r m$_o$	b c c w m$_o$
	Felixstowe ...	c y c r$_{2o}$	c R R c t$_o$ p b c	b c b c p r	c b c z$_o$
	Gorleston ...	c q P R	c c L o R r	c b c	b c c
	Mildenhall ...	c o L r r	c p r i	b e l	b c z$_o$ w
	Cranwell ...	T L R	c i r$_o$	b c	b c c m$_o$
3	Birmingham ...	c r b c	p r$_o$ b c	b c	b c c
4	Upper Heyford	c R R t l	c c r$_o$ b e r	b c q b	b f m m$_o$ b c c
	Ross-on-Wye	n$_o$ b c v c v	b c v y	b c v b	b c c
5	Portland Bill ...	c p r o	p r o c b c	b c c	c
	Plymouth ...	c b c p$_o$	b c p r$_o$ v	b c v c	c
	The Lizard ...	m d$_o$ b c	b c	b c c	c
	Scilly (St.Mary's)	c p$_o$ b c$_o$	p$_o$ c b c	C	c
	Guernsey ...	c r$_o$ c	c	b c	b c o i d
6	Pembroke ...	c P R b c v	b c	C	c
7	Holyhead ...	c	b c c p r	p r o C	c
	Chester(Sealand)	c	b c c p r	c m$_o$ c b c	b b m$_o$ b c c m$_o$
8	Manchester ...	R c P R	c P R b c	b e p r$_o$	c b c
10	Spurn Head ...	R r f m$_o$	c m$_o$ c b c	b c b m$_o$	b c c
	Catterick ...	t l p r r	c b c c	c b c	b c c
	Tynemouth ...	c p r q b c y	b c c p r$_o$	c p r b c	b c c w b c
11	Inchkeith ...	c	c p b c	b c	b c c
12	Leuchars ...	c p r t L	c	c b c	b c c
	Renfrew (Abbots I.)	c p r$_o$ p r	c t t r c	c r b w	b w c b c
	Eskdalemuir ...	c p r	c p r b c y	b c b r c	c c m$_o$ c
	Point of Ayre...	P K p r	p r P P P R	P R b c	b c c
13A	Tiree	c	c p r$_o$ c	c b c	b c c
13B	Stornoway ...	c p r$_o$ c	b c	c p r$_o$	c p r
15	Dalwhinnie ...	c p r$_o$	c p r$_o$	c b c	b c c p r$_o$
	Aberdeen ...	i r	i r	*	i r
16	Wick ...	b c P t t	c p r t	c p r b c	b c w
	Lerwick ...	c p r	c p r i r	c i Y b c	b c
17	Blacksod Point	c b c	b c c	b c	b c c
18	Malin Head ...	b c	b c	C	R
	Aldergrove ...	c p r$_o$	c p r$_o$	c p Y o	c
19	Birr Castle ...	c w n r c	c p r c p r$_o$	C	c
20	Valentia Obsy.†	c p r$_o$ c c k P R c i p	c t P R c i p		
	Roches Point	b c e p r	c b c	~~P R~~ b c c	c o i r
		c p	c i p	c i r$_o$	r o$_o$
		c p r c	c p$_o$ b c	b c d	c i r c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

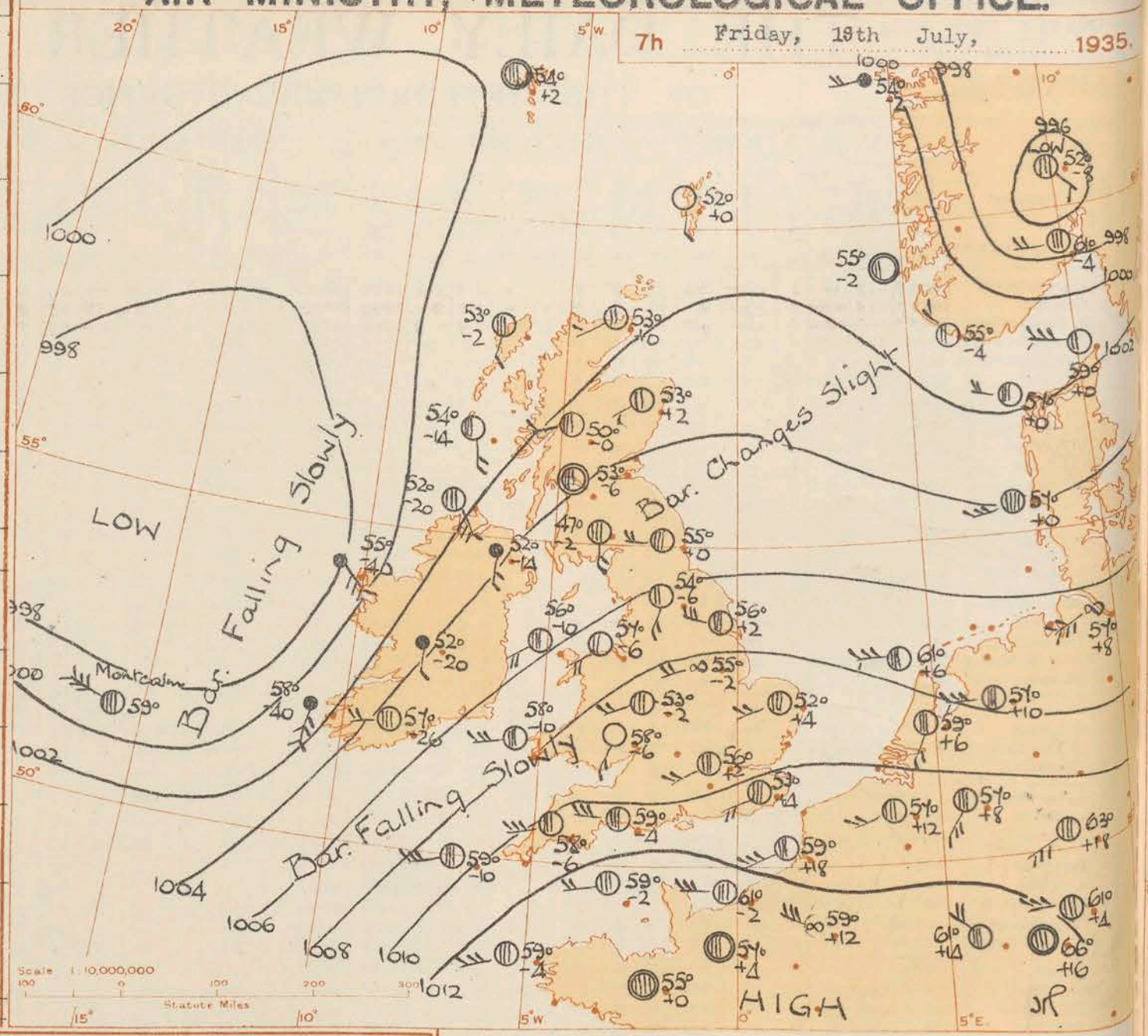
REPORTS from HEALTH RESORTS for 18th July, 1935.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 17th to 9h. 18th	Temperature. Max. 9h.—17h. 18th	Rainfall. Night, 17h. 17th to 9h. 18th	Rainfall. Day. 9h.—17h. 18th	Sunshine. Sunrise to 17h, 18th	Sunshine. Sunrise to Sunset, 17th.
1	Tunbridge W.	cocp	cpbc	48	67	—	0.5	2.4	5.9
	Bournemouth	oc	cbrc	55	70	-	3	4.0	8.7
	Ventnor ...	obc	bc	55	63	-	Tr	3.9	8.0
	Southsea ...	c	bcp	56	69	1	1	4.1	6.8
	Bognor Regis	crbc	bcrbc	54	67	0.3	1	4.6	6.2
	Littlehampton	cbc	bcpbc	53	65	Tr	Tr	5.0	6.9
	Worthing ...	cbc	bcpbc	54	68	—	0.3	4.8	7.5
	Brighton ...	cbc	bpbc	55	65	0.5	Tr	4.4	6.6
	Eastbourne† ...	cbc	bc	55	65	—	-	5.3	6.2
	Hastings† ...	cbc	bc	53	66	—	-	4.2	6.0
	Folkestone ...	c	bc	55	67	-	-	4.1	6.5
	Dover ...	c	cbc	56	65	—	—	4.6	5.7
	Deal	o	obcc	56	67	-	-	2.5	5.5
	Ramsgate ...	co	cpc	59	67	—	4	1.9	6.1
	Margate ...	cbc	ctlrbc	57	68	-	1	2.0	4.1
2	Southend ...	c	copc	51	70	—	5	3.1	4.9
	Maldon ...	c	rTLRH	52	67	-	11	1.7	4.3
	Clacton-on-Sea	c	ctlr	54	67	-	0.4	1.9	4.9
	Dovercourt ...	bc	rbc	53	66	—	5	2.3	6.4
	Lowestoft ...	cir	orbcp	48	65	0.1	5	1.6	4.6
	Skegness ...	orbc	bcorb	48	66	Tr	4	3.5	4.7
	Mablethorpe...	cor	ocbcc	47	63	0.5	5	4.0	2.9
	Cleethorpes ...	orc	cbc	49	63	Tr	4	2.3	3.5
3	Leamington S.	orc	c	52	66	0.5	4	2.8	4.8
4	Cheltenham†	orcir	cirbc	54	69	2	2	4.6	7.0
5	Bath	cpobc	bcb	56	69	Tr	Tr	5.5	8.8
	Weymouth ...	cb	cpb	54	67	—	0.6	4.5	8.6
	Jersey ...	rc	cbcb	57	66	0.2	-	4.5	1.7
	Torquay ...	cbc	cpbyv	56	70	—	4	5.2	8.3
	Penzance ...	pcbcb	bbc	56	69	0.4	-	7.0	8.1
	St. Ives ...	b	c	55	65	1	-	7.1	8.0
	Bude... ...	cprc	cbc	67	65	2	10	5.2	7.3
	Ilfracombe ...	bcc	bcc	59	66	—	1	6.7	4.3
6	Aberystwyth	prcpr	bcc	55	63	2	0.3	5.5	6.6
7	Llandudno ...	bc	bbc	56	64	0.2	-	7.4	2.9
	Colwyn Bay...	bcb	bcb	54	65	-	-	6.2	5.2
	Rhyl	prcbc	bcc	53	65	0.4	-	6.6	6.0
8	Wallasey ...	tlRc	bcb	52	64	22	1	7.6	5.5
	Southport‖ ...	cbc	bbcb	55	64	0.4	-	7.6	5.8
	Blackpool ...	cpc	bcbbc	57	64	—	Tr	0.6	6.6
	Morecambe ...	bccbc	bc	56	62	2	-	7.0	3.9
9	Ilkley... ...	cpcpc	cbc	50	64	0.4	1	2.8	8.9
	Harrogate ...	cbc	bcb	50	64	—	-	4.2	6.0
10	Berwick-on-T.	cbc	ctpo	48	64	—	1	4.3	11.4
11	Dunbar ...	bc	bcpl	49	64	-	5	5.4	11.4
12	Troon... ...	cvcbc	bcpbc	54	63	0.5	1	3.2	3.8
	Douglas ...	cb	cbcir	52	63	Tr	0.3	7.1	6.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 19th July, 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate or fresh southwest or south wind; cloud increasing, rain evening; temperature not above average.
4 W. Midlands ... 5 S.W. England 6 South Wales ...	Fresh southerly wind, strong on coast, veering; rain today, bright intervals and perhaps local thunderstorms later; temperature not above average.
7 North Wales ... 8 N.W. England 9 N. Midlands ...	Wind southeast, moderate or fresh, variable later; rain today, some bright intervals and perhaps local thunderstorms later; temperature rather below average.
10 N.E. England 11 S.E. Scotland	Moderate or fresh southerly wind; mainly cloudy, rain at times; temperature not above average.
12 S.W. Scotland & Isle of Man.	As 7 - 9.
13 A. W. Scotld. 13 B. N.W. Scotland.	
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetland	Wind southeast or variable, mainly light or moderate; cloudy, perhaps rain later; average temperature.
17 N. W. Ireland 18 N. E. Ireland	Wind variable, fresh or strong at times locally; rainy at first, bright intervals and perhaps local thunder later; temperature not above average.
19 S. E. Ireland 20 S. W. Ireland	Wind between southwest and northwest, fresh, strong locally; variable cloud, occasional rain or showers, perhaps thunder; average temperature.

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. Temperature is given in degrees F.
Weather Symbols — Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 1/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An active depression off Northwest Ireland will move east or eastsoutheast. Rain will spread to nearly all districts today, and an thundery tendency is probable later.

FURTHER OUTLOOK.

Showery, probably local thunder.

Forecasts issued at 1000 G.M.T.

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

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

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

Morning of
FRIDAY,
19TH JULY,
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday, 19th July, 1935.
No. 26902.

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)	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	1009.1	+2	SW'N	2	c	54	85	8	–	–	6	0	7-8	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1010.1	+2	NW'W	2	bc	52	95	8	–	–	6	0	2-3	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1008.1	+4	SW'W	2	bc	54	85	6	–	4	–	0	2-3	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1010.4	-2	NW	3	c	58	95	8	4	4	–	4-6	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012.1	-4	W'S	2	c	56	96	8	4	3	–	7-8	9+	2500
	Scilly (St.Mary's)	163	1012.8	-2	NNW	2	c	58	88	8	5	5	–	7-8	7-8	2500
	Guernsey ..	175	1012.5	+6	–	0	bc	59	75	8	–	–	5	0	4-6	–
6	Pembroke ...	142	1009.0	0	WNW	2	c	57	85	8	5	–	–	7-8	9	2500
7	Holyhead ...	26	1007.6	-4	W	2	c	55	75	8	1	–	6	1	9	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1006.5	0	WNW	5	bc	55	85	6	–	2	–	0	2-3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1006.9	0	W	2	bc	51	88	7	2	–	–	2-3	2-3	2500
11	Inchkeith ...	190	1005.4	+4	SW	3	bc	50	85	8	5	4	–	2-3	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1007.3	0	W	1	bc	47	95	8	–	5	–	0	4-6	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1002.5	+2	WSW	2	bc	48	95	7	5	7	–	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1002.0	0	SSW	2	bc	45	95	8	8	7	–	4-6	4-6	1500
16	Lerwick ...	156	1001.6	0	–	0	bc	48	95	8	8	1	–	2-3	2-3	1500
17	Blacksod Point	18	1005.5	-22	SW	2	c	54	85	8	5	–	–	10	10	1500
18	Malin Head ...	52	1005.4	-6	W'N	3	c/pr	52	95	8	8	–	–	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1009.1	-20	SW	3	ir.	54	95	7	5	–	–	9	9	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1010.0	+2	SW'W	2	c	58	85	7	6	3	–	2-3	9+	1500	1	*
1009.5	+1	SW'W	2	c	56	95	7	–	7	–	0	9+	–	1	*
1009.6	+4	W'SW	3	c	53	85	7	5	7	8	2-3	7-8	4000	1	*
1009.9	0	SW'S	1	c	55	95	8	6	3	–	4-6	9	2500	1	*
1010.7	+2	WSW	2	c	59	85	8	8	7	–	4-6	9+	1500	1	1
1010.7	+4	W'S	2	c	53	95	7	5	3	8	4-6	9	4000	1	1
1009.5	+4	SSW	3	c	59	85	7	5	7	6	2-3	9	4000	1	*
1009.6	+8	SSW	2	cm	58	95	4	8	7	–	2-3	7-8	4000	1	*
1009.3	+6	WSW	2	bc$_2$	57	75	6	–	5	6	0	4-6	–	1	0
1008.7	+4	WSW	2	c	52	95	6	5	7	–	4-6	7-8	2500	1	2
1008.4	+4	SW	2	c	56	85	7	–	3	–	0	7-8	–	1	*
1008.2	-2	W'S	2	c2$_0$	55	85	6	5	7	–	9	9+	4000	1	*
1008.3	-2	SW	2	c	53	85	8	–	3	–	0	9	–	1	*
1009.1	-2	SW	2	c	55	95	7	7	7	–	1	9	4000	1	*
1008.5	-6	SSW	2	c	58	75	8	5	7	–	1	9	4000	0	*
1009.9	-4	W	3	c	59	85	8	4	–	–	9	9	2500	1	3
1010.1	-6	SW	3	c	58	75	8	5	7	–	2-3	10	2500	0	2
1010.3	-6	WSW	3	c	58	85	8	4	2	–	9	10	1500	0	2
1009.7	-10	WSW	4	c/p	59	85	8	8	7	–	7-8	9+	1500	0	2
1012.2	-2	WSW	2	c	59	95	8	8	–	–	10	10	2500	1	2
1006.6	-10	WSW	3	c	58	85	8	5	–	–	8+	9+	2500	0	2
1005.8	-10	SW	2	c	56	85	8	7	9	–	2-3	7-8	2500	1	1
1006.9	-6	SW'S	2	c	57	75	6	8	3	–	1	7-8	2500	1	*
1006.9	-2	SW	2	cz$_0$	53	95	5	5	7	–	1	9+	2500	1	*
1007.2	+2	W'N	3	bc	56	85	7	4	6	9	2-3	4-6	2500	0	2
1005.8	-6	S'W	2	bc	54	85	8	8	3	1	2-3	4-6	4000	1	*
1005.3	0	W	2	c	55	75	8	7	7	–	4-6	7-8	2500	0	1
1004.8	0	SW	3	c	50	95	7	8	4	6	2-3	7-8	1500	0	2
1003.9	+2	W	2	c	53	85	8	8	2	6	Tr	7-8	4000	1	*
1004.0	-6	–	0	c	51	85	8	8	3	4	4-6	9	1500	1	*
1005.1	-2	S	2	c	47	95	7	5	3	–	2-3	7-8	800	1	*
1005.4	-8	WSW	1	c	54	85	8	2	3	–	2-3	9	2500	0	1
1001.7	-14	SSE	2	c	54	85	8	5	1	–	4-6	7-8	2500	1	2
1001.5	-2	SSW	1	c	53	85	8	8	7	–	2-3	7-8	2500	1	1
1003.6	0	SW	1	c	50	75	7	4	–	4	4-6	10	4000	0	*
1003.3	+2	SW	1	c	53	75	8	7	–	3	2-3	7-8	4000	1	1
1001.7	0	SW	1	bc	53	85	8	5	1	1	2-3	4-6	2500	1	1
1001.4	0	S	1	c	52	95	8	8	3	–	4-6	7-8	1500	0	*
997.7	-40	SE	4	RR	55	95	7	6	–	–	10	10	800	1	3
1001.2	-10	SE	4	c	52	95	8	8	–	–	9+	9+	1500	0	1
1003.9	-14	S	2	ir$_0$	52	75	8	5	2	–	4-6	9+	4000	0	*
1003.6	-20	S	1	ir	52	95	7	6	–	–	10	10	2500	1	*
1001.3	-40	SW	5	r$_0$r$_0$	58	95	5	6	–	–	10	10	800	1	3
1005.6	-26	W'S	2	c/r	57	95	8	6	2	–	7-8	9+	1500	1	2

PAST 24 HOURS.

District	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (32)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 18th Hrs. (36)
1	67	53	43	5	Tr	4.5
	67	52	48	5	0.3	3.4
	72	49	36	0.6	Tr	6.8
	69	50	47	1	Tr	6.8
	68	52	48	3	–	6.4
	65	47	45	–	2	3.6
2	69	51	47	Tr	1	2.7
	69	51	42	3	0.2	3.6
	67	51	49	7	0.5	3.0
	66	49	48	7	–	3.0
	66	49	46	7	Tr	3.5
3	64	49	46	8	–	3.9
	65	50	47	3	–	4.9
4	66	47	39	12	–	*
	68	52	48	0.6	–	7.1
5	64	53	*	3	–	*
	67	56	52	Tr	–	7.8
	66	54	*	Tr	–	*
	69	56	*	0.1	–	6.7
	66	56	52	1	0.2	6.5
6	61	54	*	5	–	10.0
7	63	54	51	0.2	0.1	9.4
8	64	50	45	4	Tr	3.4
	66	46	39	Tr	–	7.0
	62	53	*	4	–	3.5
	66	42	39	0.3	0.2	4.6
11	67	48	45	0.5	–	*
	60	49	45	3	–	3.2
12	64	42	34	2	–	7.4
	62	47	42	3	–	4.9
	60	42	37	10	1	5.6
	67	45	*	0.1	–	7.9
13A	60	46	44	Tr	1	10.3
13B 15	60	47	*	0.6	0.1	7.8
	58	43	37	1	Tr	3.9
	63	41	37	5	1	4.4
16	60	42	*	11	0.6	*
17	58	47	*	Tr	–	14.5
18	60	52	*	–	8	*
	59	49	*	0.3	0.4	5.5
19	62	49	45	3	Tr	5.4
20	64	51	46	0.2	0.6	7.2
	61	53	51	–	8	2.4

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cpr$_0$	cPR	bcpr$_0$c	67	53	43	5	Tr	4.5	*	*	8
Croydon	217	cpr$_0$cv	cPRtlrg	bcprcwd	67	52	48	5	0.3	3.4	*	*	8
Greenwich (Royal Observatory)...	149	c	clr	cpbDc	70	51	46	1	Tr	3.4	77	63	8
City (Bunhill Row)	—	*	*	*	*	*	*			4.1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	67	54	48	6	*	4.2	75	65	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	67	53	50	4	–	4.5	83	75	*
Camden Square	110	c	cpbc	*	68	53	49	5	–	*	*	68	*
Kensington	80	bcp	bc	*	68	53	46	2	–	4.2	At 18h. 77	63	*
Hampstead Observatory	440	bcp	bcp	bcp	65	50	42	5	0.1	4.2	*	75	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 18th 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.
Paris	1010.5	WNW	4	c	68	1013.3	WNW	3	cz$_0$	59
Brussels	1009.4	SW	2	c	61	1011.0	SW	2	c	57
Berlin	1008.7	W	3	c	70	1007.5	SW	1	c	63
Zürich	1011.6	SW	2	c	72	1013.9	W	1	c	63
Rome	1009.5	–	0	c	82	1012.2	SE	5	bcz$_0$	79

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 19th.

South Kensington.

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

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	23h on 18th.	<0.1	11h on 18th.

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
72	52	1	–
68	52	0.5	0.6
73	57	–	0.3
79	59	–	2
*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 20th July, 1935.

No. 26903.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1008.3	-12	SW	4	c	68	55	8	8	-	-	10	10	1500
	Croydon ...	1008.2	-10	SW	4	c	65	55	8	8	7	-	2-3	9+	2500
	S. Farnborough	1008.7	-6	SW'S	4	c	65	65	7	2	7	-	4-6	10	2500
	Boscombe Down	1008.7	-2	SW'S	3	ir_o	60	75	7	5	-	-	10	10	2500
	Calshot (Sthmtn.)	1010.1	-2	SSW	4	ir_o	61	85	8	8	7	-	7-8	10	1500
	Lympne ...	1010.2	-2	SSW	4	c	63	75	8	7	7	1	4-6	9	2500
	Manston ...	1009.2	-4	SW	5	c	65	55	8	8	7	-	7-8	9+	2500
2	Shoeburyness ...	1008.9	-8	SSW	4	c	69	75	6	8	7	-	4-6	9+	4000
	Felixstowe ...	1008.2	-8	S'W	4	c	66	55	8	7	7	-	7-8	9	2500
	Gorleston ...	1007.6	-6	SW	4	c	68	55	7	8	-	-	7-8	7-8	2500
	Mildenhall ...	1007.2	-6	SW'W	3	u	66	45	9	8	7	-	7-8	9+	2500
	Cranwell ...	1006.8	-6	SW'S	4	c	65	45	7	8	1	-	4-6	10	2500
3	Birmingham ...	1006.7	-6	SSW	3	ir_o	59	65	8	6	1	-	4-6	10	1500
	Upper Heyford	1007.7	-8	SW'S	4	ir_o	61	75	8	5	7	-	4-6	10	1500
4	Ross-on-Wye	1006.9	-10	SW	3	c	60	75	7	6	7	-	7-8	10	2500
5	Portland Bill ...	1009.0	-6	SW	3	c	60	85	8	6	7	-	7-8	10	2500
	Plymouth ...	1008.1	-12	SW	4	ir_o	60	85	8	5	2	-	9	10	1500
	The Lizard ...	1008.1	-12	SW	5	c	59	95	7	8	2	-	7-8	10	1500
	Scilly (St. Mary's)	1006.7	-16	SW'W	5	id	59	95	5	5	-	-	10	10	1800
	Guernsey ...	1011.3	-4	WSW	4	c	65	65	8	8	-	-	9+	9+	1500
6	Pembroke ...	1003.0	-18	SW	5	pr	58	95	6	5	-	-	10	10	1500
7	Holyhead ...	1001.5	-30	S	5	ir_o	58	85	7	6	2	-	7-8	10	800
	Chester (Sealand)	1004.2	-18	SSE	3	ir_o	61	75	8	6	7	-	4-6	10	1500
8	Manchester ...	1004.7	-14	SW'S	4	c/pr	62	55	8	8	7	-	4-6	9	2500
10	Spurn Head ...	1006.0	-4	W'N	2	c	68	65	7	3	7	9	4-6	7-8	4000
	Catterick ...	1003.6	-16	WSW	1	c	64	55	8	8	7	-	4-6	9+	2500
	Tynemouth ...	1003.6	-12	SW	2	bc	64	45	7	2	6	-	4-6	4-6	2500
11	Inchkeith ...	1002.7	-16	S	2	c	61	65	8	8	-	-	7-8	7-8	2500
12	Leuchars ...	1002.3	-10	S	3	c	61	65	8	8	7	-	7-8	9+	4000
	Renfrew (Abbotsl.)	1001.4	-14	S	3	ir_o	57	75	8	6	-	-	10	10	1500
	Eskdalemuir ...	1001.9	-14	SSW	4	c	59	65	8	8	7	-	4-6	9+	2500
	Point of Ayre ...	1002.2	-20	S	4	o/p	57	75	7	6	-	-	10	10	800
13A	Tiree	999.1	-14	SE'E	4	rr	54	85	7	6	1	-	4-6	9+	1500
13B	Stornoway ...	1000.6	-6	S	3	c	57	75	8	8	7	8	4-6	7-8	2500
15	Dalwhinnie ...	1000.4	-12	SW	2	c	58	55	8	4	2	-	4-6	10	2500
	Aberdeen ...	1002.7	-4	SSE	4	bc	59	55	8	3	9	-	1	4-6	2500
16	Wick ...	1001.9	0	SW	2	c	58	95	8	7	7	1	4-6	7-8	2500
	Lerwick ...	1002.1	+6	S	3	c	53	85	8	8	3	7	4-6	7-8	1500
17	Blacksod Point	999.3	-8	SW	4	c	59	85	8	5	-	-	10	10	800
18	Malin Head ...	999.7	-30	E'S	4	rr	54	95	7	6	-	-	10	10	1500
	Aldergrove ...	998.5	-30	SE'S	4	Dr	55	95	5	5	-	-	10	10	220
19	Birr Castle ...	998.4	-16	SW	2	c/pr	62	75	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy. †	1000.3	-10	SW'W	4	c	60	85	8	5	1	-	7-8	9+	1500
	Roches Point	1001.6	-10	W'S	3	c	61	85	9	9	3	-	4-6	7-8	1500

OBSERVATIONS at 18h. G.M.T. 19th July.

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1007.5	-10	SW'S	3	c	62	75	8	6	7	-	2-3	10	1500	1	*
	Croydon ...	1007.3	-8	SW	4	c/r	59	75	7	5	7	-	7-8	10	1500	1	*
	S. Farnborough	1007.1	-12	S'W	3	ir_o	58	85	8	6	7	-	7-8	10	2500	1	*
	Boscombe Down	1006.5	-14	S'W	3	c	57	95	7	5	-	-	10	10	1500	1	*
	Calshot (Sthmtn.)	1008.1	-18	SSW	4	ir_o	60	95	7	8	2	-	7-8	10	800	1	3
	Lympne ...	1009.2	-6	SW	4	c	59	75	9	7	7	-	2-3	9+	2500	0	§ 2
	Manston ...	1008.3	-8	SSW	4	ir_o	60	75	8	5	7	-	2-3	9+	2500	0	*
2	Shoeburyness ...	1008.2	-2	SSW	3	ir	60	95	7	6	2	-	4-6	10	2500	1	*
	Felixstowe ...	1007.1	-2	SW'S	4	c	62	75	8	8	2	-	4-6	10	1500	0	2
	Gorleston ...	1007.2	-4	SW'S	2	c	63	75	6	9	7	-	4-6	9+	2500	1	2
	Mildenhall ...	1005.7	-8	SSW	4	c	64	65	8	7	7	-	7-8	9+	2500	0	*
	Cranwell ...	1004.7	-6	SSW	4	c	63	65	8	8	7	6	4-6	9	4000	0	*
3	Birmingham ...	1003.6	-24	SSW	4	c/r	59	75	8	6	3	-	7-8	7-8	1500	1	*
4	Upper Heyford	1005.5	-14	SSW	3+	c/r	59	85	8	5	-	-	9+	9+	1500	1	*
	Ross-on-Wye	1003.8	-16	S'W	4	id	59	85	7	6	2	-	9+	10	2500	0	*
5	Portland Bill ...	1006.8	-10	SW	5	c	59	95	8	5	7	-	7-8	10	1500	1	4
	Plymouth ...	1005.3	-10	SSW	5	ir_o	59	95	6	6	-	-	10	10	450	1	3
	The Lizard ...	1005.2	-10	SW	5	ir_o	59	95	5	5	-	-	10	10	800	1	3
	Scilly (St. Mary's)	1004.1	-12	WSW	4	ir	60	95	7	8	-	-	9+	9+	1500	1	3
	Guernsey ...	1009.8	-14	WSW	3	bc	62	75	8	1	1	8	2-3	4-6	4000	0	3
6	Pembroke ...	1000.2	-6	SW'W	3	c/pr	59	85	7	8	-	-	9+	9+	1500	1	3
7	Holyhead ...	997.9	-8	SSW	5	c/r	59	95	8	4	3	-	4-6	7-8	800	1	3
	Chester (Sealand)	1000.3	-22	S'E	3	ir_o	59	85	7	6	2	1	2-3	9+	1500	1	*
8	Manchester ...	1000.9	-22	S'W	4	ir_o	58	85	6	6	2	-	4-6	10	2500	1	*
10	Spurn Head ...	1003.7	-6	SW	5	c	63	75	8	5	2	-	7-8	9	1500	0	4
	Catterick ...	1000.6	-16	SSE	1	c/r	57	95	7	5	2	-	7-8	10	2500	1	*
	Tynemouth ...	1000.8	-16	S	2	c	58	85	6	9	-	-	10	10	1500	0	1
11	Inchkeith ...	1000.0	-18	SE	3	c	55	85	8	5	-	-	10	10	1500	1	2
12	Leuchars ...	999.8	-14	S	2	$r_o r_o$	57	85	8	5	2	-	4-6	10	1500	1	*
	Renfrew (Abbotsl.)	997.6	-26	E'N	3	rr	54	95	5	6	-	-	10	10	450	1	*
	Eskdalemuir ...	999.2	-26	SE	4	rr	52	95	7	6	-	-	10	10	1500	1	*
	Point of Ayre ...	996.3	-28	SW	4	c	61	95	7	9	-	-	7-8	7-8	1500	1	2
13A	Tiree	995.9	-16	ENE	4	rr	52	95	6	6	2	-	7-8	10	800	1	3
13B	Stornoway ...	999.9	-2	ESE	2	pr	54	85	8	8	6	-	4-6	10	1500	1	1
15	Dalwhinnie ...	999.3	-6	SW	1	c	51	75	7	4	2	-	4-6	10	2500	1	*
	Aberdeen ...	1001.1	-10	SSE	3	c	57	75	7	1	7	-	Tr	7-8	2500	1	2
	Wick ...	1000.6	-8	ESE	3	c	55	95	8	8	7	-	7-8	10	1500	1	2
16	Lerwick ...	1001.4	0	S	3	c	53	88	8	8	-	2	4-6	7-8	1500	0	*
17	Blacksod Point	995.3	+2	W	3	c	58	85	8	5	-	-	10	10	1500	1	2
18	Malin Head ...	993.5	-8	W	3	pr	58	95	7	9	-	-	9+	9+	1500	1	1
	Aldergrove ...	995.3	-4	SW'S	4	pr_o	60	85	7	9	3	-	9	9+	800	1	*
19	Birr Castle ...	997.7	-4	SW	1	o/pr	59	85	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy. †	998.8	-8	SW	4	c/pr	60	85	8	8	-	-	9	9	1500	1	3
	Roches Point	1000.3	-6	WSW	3	c/pr	61	85	8	9	4	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

Weather. 7h.—13h. 19th. (37)	Weather. 13h.—18h. 19th. (38)	Weather. 18h. 19th. to 1h. 20th. (39)	Weather. 1h.—7h. 20th. (40)
c	cpr_o	ccpr	eir_o
cbcyvc	$cypr_or_o$	crac	d_oRDd_o
cr_oc	ir_orir_o	eir_oid_o	$cirid_o$
cir_o	cr_orc	crrc	em_odde
$ccir_o$	cir_o	cr_oeir_o	$cr_or_om_o$
cbccc	cpr_oc	cir_oirc	cir_or_of
bccy	cyr_o	eir_oir	clr
cm_o	ccirc	cir	cm_o
cc_ocyv	$cyvcpr_v$	cp_oc	cd_oir_oc
cbacc	$cyir_o$	$copr_v$	cqr_op
bcb	cr_o	cr_o	crr_o
cy	cyc	cir_oc	c
cir_o	cr_o	crrc	cir_o
cir_o	cvr_o	crr_or_o	cbcc
cp_ocp_oc	c	id_oPc	c
cpr_oc	cir	irc	orrpr
$cr_om_oir_o$	cir_oeir	cr_odcpm_o	$cr_or_oDpm_o$
cpr_o	cir	cirbc	$bcpr_o$
ir_oid	oddir	irr_oc	cp_or_o
c	cbc	bcRm	gRc
cqpro	$omqpr_c$	$cqpr_oR$	clc
pr_oir_oc	ir_oRc	ir_oc	cr_oc
cr_oy	cR	cr_or_obc	cm_o
m_opr_o	ir_or	$crrm_o$	c
bc	bc	cpr_o	pr_oc
bccy	$cycir_o$	circ	cpr_oc
cbc	$bcpr_oc$	eir_o	eir
c	circ	crrc	cir
bcwc	$r_or_or_o$	$orrR_o$	ocm_o
pr_oeir_o	r_or_orr	crcrc	cPRc
c	r_oerr	cirbc	bcc
cpr_oo	rrc	eir_ir	$irqpr$
r	$orrr_o$	orr	cbc
cpr_o	cpr_o	cr_or_o	cr_or_o
cpr_oc	circ	*	irc
bc	bcc	coRR	cPRbc
pr_oc	c	cr_or	cr_or
c	c	bc	cpr
pr_o	id_o	id	prc
crr	$cirpr$	cpr	c
cir_omrr	$orcpr_o$	$cprrr_o$	cir_o
$oircpr$	coir	oir	oirc
r_oprc	cprc	$cprpr_o$	cpr_oc
cirrv	cpr_oc	cbc	$bccp_o$

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 Ragged low clouds of bad weather. (or. Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4–6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than $\frac{1}{20}$ 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), or Nimbo- stratus (Nb-St).
3 Single layer of A-Cu or high St-Cu.
4 A-Cu in isolated bands. Individually decreasing (often lenticular).
5 A-Cu in bands (increasing).
6 A-Cu formed from the spreading out of Cu.
7 A-Cu associated with A-St or A-St with parts resembling A-Cu.
8 A-Cu Castellatus (or A-Cu in ragged fragments).
9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

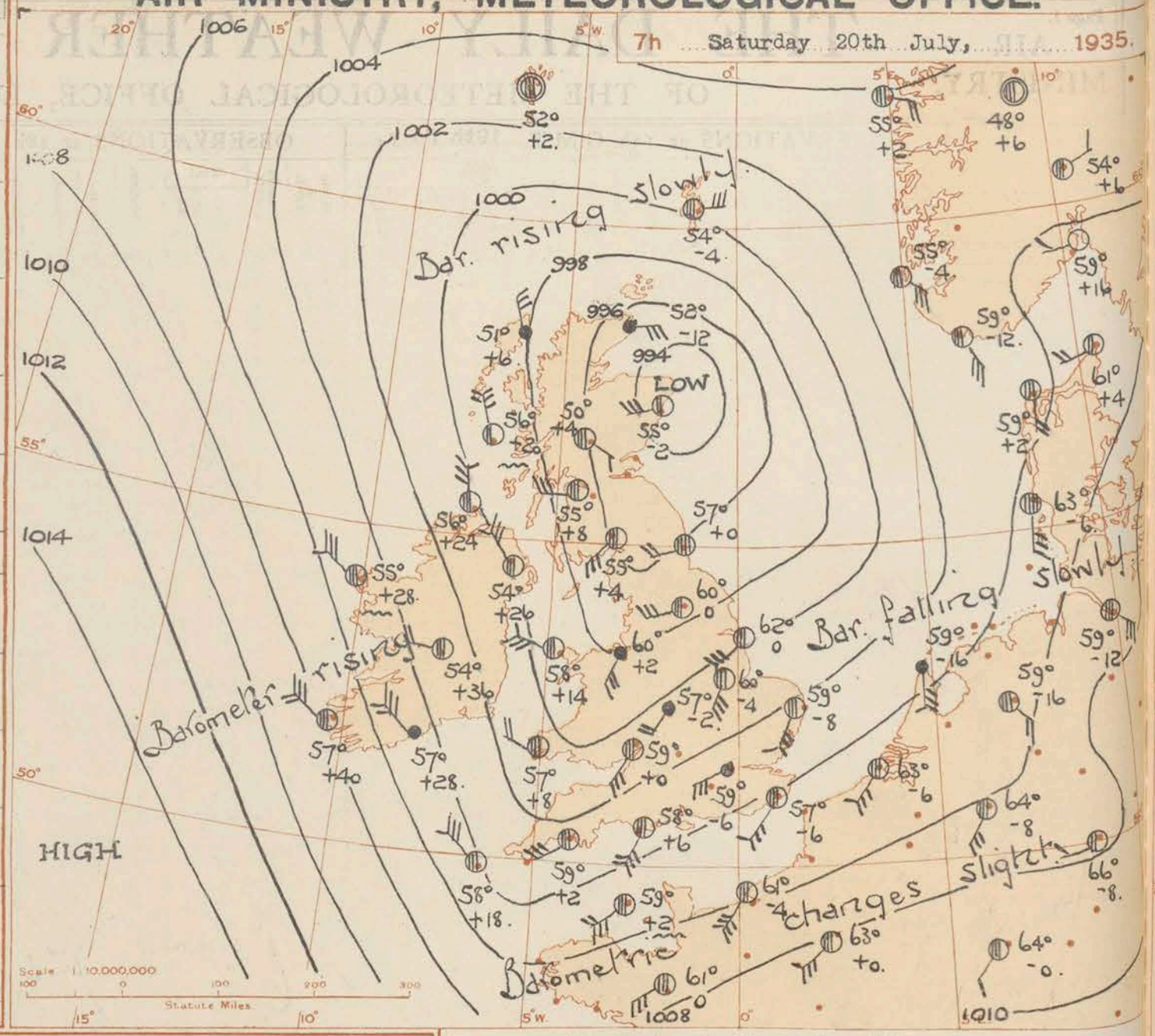
REPORTS from HEALTH RESORTS for 19th July, 1935.

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.	bccop	copo	46	66	5	Tr	2.8	3.4
	Bournemouth	d	d	53	65	—	1	0.0	5.5
	Ventnor ...	coc	ocr$_o$	55	62	—	Tr	0.5	4.7
	Southsea ...	op	op	56	66	—	0.3	0.3	6.9
	Bognor Regis	cbcc	roc	54	65	—	Tr	1.0	6.4
	Littlehampton	c	cp$_o$c	50	64	—	Tr	1.1	7.6
	Worthing ...	c	cd$_o$	52	65	—	Tr	1.0	7.1
	Brighton ...	c	c	55	64	—	—	1.3	6.0
	Eastbourne† ...	c	c	54	66	—	—	2.3	6.9
	Hastings† ...	cbcc	c	51	66	—	—	2.6	5.7
	Folkestone ...	bc	ur$_o$c	53	67	3	Tr	5.8	4.9
	Dover ...	bcc	c	53	65	3	—	5.2	4.7
	Deal	bc	od$_o$o	52	69	6	Tr	4.0	2.8
	Ramsgate ...	bc	cor$_o$c	52	67	2	Tr	5.4	3.8
	Margate ...	bc	bcr$_o$	52	70	1	0.1	5.5	2.5
2	Southend ...	c	cor	54	70	0.4	0.3	3.2	3.7
	Maldon ...	bbcc	c	46	69	0.3	—	2.7	2.8
	Clacton-on-Sea	cbcc	cbc	51	69	5	Tr	3.2	2.5
	Dovercourt ...	bc	bcc	50	68	Tr	—	4.8	3.8
	Lowestoft ...	cbcb	boir	48	71	—	0.5	5.2	3.1
	Skegness ...	obc	bco	46	68	—	—	3.2	4.8
	Mablethorpe ...	cbccp	cpoc	46	69	Tr	Tr	4.9	6.0
	Cleethorpes ...	bc	bcc	49	69	—	—	4.3	3.1
3	Leamington S.	cp	cp	50	63	—	1	0.6	5.0
4	Cheltenham†	orcir	ccp	52	66	—	1	0.1	7.3
5	Bath	cp$_o$	cp$_o$	55	63	Tr	Tr	0.0	7.2
	Weymouth ...	c	ir$_o$c	53	62	—	0.6	0.0	7.0
	Jersey ...	c	cbc	57	67	—	—	3.5	7.3
	Torquay ...	opr	oir$_o$d	54	63	—	0.5	0.0	7.6
	Penzance ...	pcip	cpcdd	53	62	Tr	2	0.0	9.5
	St. Ives ...	o	d	55	62	Tr	1	0.0	9.6
	Bude	c	od	58	61	—	1	0.1	7.4
	Ilfracombe ...	cbcco	cdo	60	62	Tr	—	0.0	7.5
6	Aberystwyth	cr$_o$	pr$_o$c	57	64	Tr	1	0.2	7.2
7	Llandudno ...	cip	ccrc	55	65	Tr	0.5	0.3	8.9
	Colwyn Bay ...	cdc	pcpc	58	62	—	0.5	0.9	8.0
	Rhyl	cpr$_o$c	cpr	52	62	Tr	0.5	0.3	8.8
8	Wallasey ...	c	coir	53	62	Tr	1	0.1	8.4
	Southport‖ ...	co	p$_o$orc	55	63	—	2	0.3	10.0
	Blackpool ...	c	opo	55	63	—	Tr	0.8	2.7
	Morecambe ...	bc	cpdc	50	64	Tr	Tr	2.8	8.5
9	Ilkley	c	c	44	65	—	—	1.2	4.9
	Harrogate ...	c	cir$_o$	46	64	—	Tr	2.6	6.2
10	Berwick-on-T.	cbc	cor$_o$o	45	62	Tr	Tr	5.0	6.0
11	Dunbar ...	bc	crr	46	63	—	0.5	3.6	6.8
12	Troon	coco	ocrro	53	60	1	5	0.4	4.1
	Douglas ...	cbco	tlrm$_o$	47	58	1	15	1.3	8.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday 20th July, 1935.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th July, 1935.
1 S.E. England 2 S. England ... 3 E. Midlands ... 4 W. Midlands	Moderate southwest to northwest wind; showery with local thunderstorms today, then mainly fair; rather low to average temperature.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Fresh or moderate northwest or west wind, backing tomorrow; showers and bright intervals today, then mainly fair; rather cool.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland	Light or moderate west or northwest wind; showery with local thunderstorms today, then mainly fair; rather cool.
12 S.W. Scotland & Isle of Man.	As 5 - 8.
13 { A. W. Scotl^d B.N.W. Scotland.	Fresh or moderate north or northwest wind, backing southwest; showery at first, then fair interval, becoming less settled tomorrow; rather cool.
14 Mid Scotland 15 N.E. Scotland 16 Orkneys and Shetland	Moderate or light north or northwest wind; occasional rain, becoming mainly fair; rather cool.
17 N.W. Ireland	As 13.
18 N.E. Ireland 19 S.E. Ireland 20 S.W. Ireland	As 5 - 8.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS. — ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 5/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⱦ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression off Northeast Scotland is moving eastnortheast slowly and a trough of low pressure moving east across England and Wales. Weather will be showery today, and thunder is probable locally in eastern districts. A mainly fair interval will ensue, but a renewal of unsettled weather is likely in the North tomorrow.

FURTHER OUTLOOK.

Unsettled in the North, probably mainly fair in the South.

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. 4212 2904 We 8081 6 6001 Gp 80 Forecast 735

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

Morning of
SATURDAY.
20TH JULY.
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 20th July, 1935.
No. 26903.

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)	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	1004·4	-1.4	SW	4	c	59	85	8	5	7	-	1	9+	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1006·9	-1.4	SW'S	3	c	58	85	8	5	2	-	9	10	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004·6	-1.6	SSW	4	pr$_o$	59	85	7	6	-	-	10	10	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1003·3	-1.6	SW	4	c	59	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1003·3	-.8	SW'W	4	bc	56	95	7	6	2	-	4-6	4-6	1500
	Scilly (St.Mary's)	163	1002·6	-1.0	W'N	4	bc$_{jp}$	56	95	8	3	6	-	4-6	4-6	1500
	Guernsey ..	175	1006·6	-3.2	WSW	4	RR	59	86	7	5	-	-	10	10	1500
6	Pembroke ...	142	998·8	-.2	WSW	3	c/pr	58	95	7	8	-	-	9+	9+	2500
7	Holyhead ...	26	997·9	-.2	SW'S	3	c	57	95	7	5	-	-	10	10	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1000·1	-.8	SSW	6	c	58	95	8	3	7	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	996·9	-.6	SW	3	ir$_o$	57	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	995·9	-1.9	ESE	1	c	54	95	8	5	-	-	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	996·6	0	W	4	ir	57	95	7	6	-	-	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	997·6	-1.2	N	4	r$_o$r$_o$	50	95	6	6	2	-	4-6	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	998·4	-.8	SE	3	r$_o$r$_o$	54	95	8	8			7-8	10	1500
16	Lerwick ...	156	1001·9	0	NNE	2	bc	48	95	8	5	3	1	2-3	4-6	1500
17	Blacksod Point	18	998·7	+.3.0	NW	6	id	56	85	7	6	-	-	10	10	800
18	Malin Head ...	52	995·5	+1.2	NW	4	c	55	95	7	8	-	-	9+	9+	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1001·0	+1.4	NW'W	5	r$_o$r$_o$	57	95	7	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)	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)	1002·5	-.2	SW'W	3	c/r	61	85	7	6	3	-	7-8	7-8	450	1	*
	Croydon ...	1002·4	-.6	SW'W	3	id$_o$	59	95	6	6	7	-	9+	9+	800	1	*
	S. Farnborough	1002·1	-.4	SSW	3	c/d	59	95	7	6	2	-	7-8	9+	1500	1	*
	Boscombe Down	1002·1	-.2	SW'S	3	c	58	95	6	6	-	-	9+	9+	800	1	*
	Calshot (Sthmtn.)	1003·4	-.4	SW	5	c/r	60	95	7	9	3	-	7-8	10	800	1	2
	Lympne ...	1004·5	-.6	SW'S	4	o/f	57	95	5	5	-	-	10	10	150	1	§2
	Manston ...	1003·5	-1.0	S	4	c/r	59	95	8	5	2	-	7-8	10	1500	1	*
2	Shoeburyness ...	1003·4	-1.0	SSW	4	c	60	95	6	9	-	-	10	10	1500	1	*
	Felixstowe ...	1002·9	-.8	SSW	5	c	61	85	7	6	3	-	9	9+	1500	1	3
	Gorleston ...	1002·3	-.8	SSW	4	c/pr	59	85	6	5	-	-	9+	9+	1500	1	3
	Mildenhall ...	1001·4	-.6	SSW	3	ir$_o$	59	85	8	6	-	-	9+	9+	800	1	*
	Cranwell ...	1000·6	-.4	SW'S	3	c	60	85	8	6	3	-	2-3	9	800	1	*
3	Birmingham ...	1000·8	-.2	SSW	2	ir$_o$	57	95	6	6	-	-	9+	9+	1500	1	*
	Upper Heyford	1001·3	-.2	SW	3	c	59	95	8	5	-	-	9+	9+	800	1	*
4	Ross-on-Wye	1000·7	0	SW'S	3	c	59	85	7	6	6	-	9	9+	2500	1	*
5	Portland Bill ...	1002·3	+.6	SW	6	c	58	95	7	3	2	-	7-8	10	1500	1	2
	Plymouth ...	1002·1	+.2	SW	3	c$_{jp}$	59	95	6	9	7	-	4-6	9	1500	1	2
	The Lizard ...	1002·9	+1.0	W	4	c	56	95	8	8	56	-	7-8	7-8	1500	1	3
	Scilly (St.Mary's)	1004·0	+1.8	NNW	4	c/pr	58	95	7	9	6	-	9	9+	1500	1	3
	Guernsey ..	1005·3	+.2	WSW	5	c	59	95	7	8	1	8	4-6	7-8	2500	1	4
6	Pembroke ...	1000·2	+.8	W'N	2	c	57	95	7	8	-	-	10	10	2500	1	2
7	Holyhead ...	999·1	+1.4	W'N	4	c	58	85	8	9	2	-	7-8	9+	450	1	3
	Chester(Sealand)	999·1	+.2	SW'S	3	ir$_o$	60	85	6	6	7	-	4-6	9+	2500	1	*
8	Manchester ...	998·8	0	WSW	3	c	59	85	7	7	3	-	7-8	9	4000	1	*
10	Spurn Head ...	999·1	-.4	SW	4	c	62	95	8	5	7	-	4-6	7-8	2500	0	3
	Catterick ...	997·2	0	W'S	3	c	60	85	8	5	7	-	7-8	9+	2500	1	*
	Tynemouth ...	996·4	0	WSW	2	o/r	57	95	6	6	-	-	10	10	1500	1	1
11	Inchkeith ...	995·3	0	SW	1	c$_{jp}$	55	95	7	8	3	-	4-6	9+	1500	1	1
	Leuchars ...	994·6	+.2	WSW	1	c	57	95	6	5	3	-	9	9+	1500	1	*
12	Renfrew (Abbots I.)	996·3	+.8	W	3	c	55	95	7	9	-	-	9+	9+	1500	1	*
	Eskdalemuir ...	995·4	+.4	SW	3	c	55	95	7	5	-	-	9+	9+	2500	1	*
	Point of Ayre...	997·8	+1.0	NW	4	pr	57	95	7	5	-	-	10	10	800	1	2
13A	Tiree	999·1	+2.0	NNW	5	bc	56	85	7	8	-	-	4-6	4-6	2500	0	4
13B	Stornoway ...	998·0	+.6	NNW	3	r$_o$r$_o$	51	95	8	6	2	-	7-8	10	1500	1	(
15	Dalwhinnie ...	995·2	+.4	SE	1	c	50	85	7	4	2	-	4-6	10	2500	1	*
	Aberdeen ...	993·6	-.2	W'S	3	bc	55	95	8	2	3	-	2-3	4-6	220	1	1
	Wick ...	995·4	-1.2	E	3	rr	52	95	7	6	2	-	7-8	10	1500	1	2
16	Lerwick ...	1000·2	-.4	E'N	3	c	54	85	8	8	1	-	7-8	9+	1500	0	*
17	Blacksod Point	1005·7	+.2.8	NW	4	c	55	85	8	5	-	-	9+	9+	800	1	4
18	Malin Head ...	1000·4	+.2.4	N	4	c	56	95	7	8	-	5	9+	9+	1500	1	1
	Aldergrove ...	1000·4	+.2.6	NW	4	c	54	85	9	6	4	-	4-6	9+	800	1	*
19	Birr Castle ...	1003·1	+.3.6	W	2	c	54	95	8	5	3	-	4-6	7-8	2500	1	*
20	Valentia Obsy. †	1008·5	+.4.0	NW'N	5	c	57	75	8	8	-	-	9	9	1500	1	3
	Roches Point	1004·3	+.2.8	NW	5	pr	57	85	8	6	-	-	9+	9+	1500	1	2

PAST 24 HOURS.

DISTRICT.	STATIONS.	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)§	Sunshine 19th Hrs. (36)
1	London (Kew)	69	58	55	0.2	1	1.9
	Croydon ...	67	57	55	0.3	2	2.1
	S. Farnborough	69	56	55	1	3	1.8
	Boscombe Down	62	56	55	2	4	0.1
	Calshot (Sthmtn.)	68	59	58	1	2	0.1
	Lympne ...	65	56	55	Tr	1	3.9
	Manston ...	69	56	54	0.1	1	5.4
2	Shoeburyness ...	70	58	56	0.6	1	2.8
	Felixstowe ...	68	59	57	Tr	0.3	3.9
	Gorleston ...	69	56	53	Tr	1	4.4
	Mildenhall ...	69	57	55	0.2	0.6	3.6
	Cranwell ...	68	56	54	—	1	4.4
3	Birmingham ...	62	55	53	Tr	2	0.03
	Upper Heyford	63	55	53	0.4	3	*
4	Ross-on-Wye	61	57	55	0.2	3	0.3
5	Portland Bill ...	61	56	*	0.4	2	*
	Plymouth ...	60	57	55	2	3	0.0
	The Lizard ...	61	55	*	0.4	2	*
	Scilly (St.Mary's)	61	56	*	1	1	1.0
	Guernsey ..	67	58	57	Tr	2	3.0 2.1
6	Pembroke ...	60	55	*	4	1	0.2
7	Holyhead ...	59	56	56	1	0.2	0.5
	Chester(Sealand)	63	56	53	1	0.5	0.7
8	Manchester ...	65	56	54	1	2	1.3
10	Spurn Head ...	69	58	*	—	Tr	5.0
	Catterick ...	66	56	54	0.4	1	3.6
	Tynemouth ...	66	55	53	Tr	3	*
11	Inchkeith ...	62	53	48	1	6	2.7
	Leuchars ...	64	52	48	0.6	7	2.9
12	Renfrew (Abbots I.)	61	52	52	5	6	0.5
	Eskdalemuir ...	61	52	51	3	5	1.2
	Point of Ayre...	62	55	*	7.6	3	1.1
13A	Tiree	57	51	48	4	5	0.3
13B	Stornoway ...	58	50	*	0.2	6	5.0
15	Dalwhinnie ...	58	48	48	1	3	2.0
	Aberdeen ...	60	52	51	—	12	10.3
	Wick ...	58	50	*	Tr	7	*
16	Lerwick ...	56	48	*	—	0.2	4.9
17	Blacksod Point	62	52	*	4	1	*
18	Malin Head ...	62	54	*	6	2	0.3
	Aldergrove ...	62	54	51	7	2	0.5
19	Birr Castle ...	65	54	51	3	1	1.1
20	Valentia Obsy. †	62	52.5	52	1	1	0.3
	Roches Point	63	56	*	3	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. a.m.	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	cpr$_o$	cprcir$_o$	69	58	55	0.2	1	1.9	•	•	7
CROYDON	217	cbcyvc	cypr$_o$r$_o$	cr$_o$d$_o$RDd$_o$	67	57	55	0.3	2	2.1	•	•	7
GREENWICH (Royal Observatory)...	149	cy	cir$_o$	cirdd	72	57	55	0.3	3	2.3	61	86	7
CITY (Bunhill Row)	—	•	•	•	•	•	•	•	•	2.4	•	•	•
WESTMINSTER (St. James' Park) ...	27	•	•	•	67	58	55		1	2.1	61	83	•
REGENTS PK. (Botanic Gardens)‡...	168	•	•	•	68	57	56	Tr	4	2.4	73	91	•
CAMDEN SQUARE	110	bcc	ccpc	•	69	58	56	Tr.	3	•	•	80	•
KENSINGTON	80	bcc	bcp	•	68	58	56	Tr.	2	2.1	At 18h. 81	82.	•
HAMPSTEAD OBSERVATORY	450	bcp	ocp	bccr	67	54	49	Tr	2	2.2	•	89	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

SOUTH KENSINGTON.

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

KEW OBSERVATORY.

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

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.
PARIS	1010·2	WSW	4	bc	73	1008·7	?	?	c	63
BRUSSELS	1009·2	SW	3	c	68					
BERLIN	1009·8	W	3	bc	72	1010·0	S'E	2	c	70
ZÜRICH	1011·5	SW	2	bc	75	1010·8	N	1	c2$_o$	64
ROME						1013·1	ESE	6	b	79

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
75	55	-	-
72		Tr.	
73	55	-	-
81	59	-	-
*	*		-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	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 8 h.

§ Sea disturbance reported from Dungeness.

Page I.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 21st July, 1935.

No. 26904.

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 20th July. Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	°Temp. F. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1002.4	+4	SW'S	4	c	68	75	8	8	–	–	9+	9+	1500
	Croydon ...	1002.6	+6	SW'W	3	c/r	63	75	8	8	3	–	7-8	9	1500
	S. Farnborough	1002.3	+4	W'S	3	c/p	70	65	7	8	3	1	7-8	9	2500
	Boscombe Down	1003.3	+10	W	4	c	64	75	7	5	–	–	9+	9+	1500
	Calshot (Sthmtn.)	1003.6	+4	SW'S	5	c	64	85	8	8	5	–	4-6	7-8	1500
	Lympne ...	1003.2	-2	WSW	4	c	65	75	8	8	4	–	7-8	7-8	1500
	Manston ...	1002.4	-4	SW	5	c	60	55	8	8	6	–	7-8	7-8	1500
2	Shoeburyness ...	1002.4	-4	SSW	5	bc	68	75	7	8	–	–	4-6	4-6	2500
	Felixstowe ...	1001.5	-6	SSW	5	pr$_o$	67	75	8	8	3	–	4-6	7-8	2600
	Gorleston ...	1001.8	-8	SW'W	3	tlr	71	55	6	6	–	–	10	10	800
	Mildenhall ...	1001.3	-2	SW	4	c/pr	69	55	8	6	3	3	4-6	7-8	2500
	Cranwell ...	1000.9	+6	WSW	3	bc/tlr	63	95	7	8	7	9	4-6	9+	2500
3	Birmingham ...	1002.0	+6	NW	3	pr	61	85	6	6	–	–	7-8	7-8	1500
	Upper Heyford	1002.1	+6	W	3	c	65	65	8	9	7	–	7-8	9+	1500
4	Ross-on-Wye	1002.9	+10	NW	4	c/pr	65	65	9	2	7	–	7-8	7-8	4000
5	Portland Bill ...	1004.3	+16	WSW	4	c	63	85	8	4	4	–	7-8	7-8	2500
	Plymouth ...	1006.5	+26	NW'W	5	c	65	75	8	8	4	–	4-6	7-8	2500
	The Lizard ...	1009.2	+34	WNW	5	q	61	85	8	8	6	–	4-6	7-8	1500
	Scilly (St.Mary's)	1010.8	+36	NW	5	c	64	65	8	8	–	–	7-8	7-8	1500
	Guernsey ...	1007.2	+20	W'S	6	bc	65	75	8	7	4	1	2-3	4-6	2500
6	Pembroke ...	1006.4	+28	NW'N	3	c	61	75	8	7	6	–	4-6	7-8	4000
7	Holyhead ...	1004.8	+30	NW	5	c	59	75	8	8	–	3	2-3	9	2500
	Chester(Sealand)	1003.4	+30	WNW	6	c	60	65	8	8	7	2	4-6	7-8	1500
8	Manchester ...	1001.9	+22	NW	5	c	60	75	8	8	–	–	7-8	7-8	1500
10	Spurn Head ...	999.3	0	NNW	4	pr	61	95	7	3	2	–	4-6	9+	1500
	Catterick ...	999.1	+16	NW	5	bc	64	75	8	8	–	1	4-6	4-6	2500
	Tynemouth ...	997.3	+8	W	3	bc	65	75	7	2	–	1	4-6	4-6	2500
11	Inchkeith ...	998.5	+16	WNW	4	c	58	75	8	8	–	–	9+	9+	2500
12	Leuchars ...	997.4	+22	WNW	5	c	60	75	9	8	–	–	9+	9+	2500
	Renfrew (Abbots I.)	1000.2	+12	W'N	5	bc	61	55	9	8	–	2	4-6	4-6	4000
	Eskdalemuir ...	999.2	+24	WNW	5	c	59	65	8	8	–	1	4-6	7-8	2500
	Point of Ayre...	1003.2	+28	NW	5	c	58	75	8	–	4	7	0	7-8	–
13A	Tiree	1003.8	+22	NW	5	bc/pr	56	85	8	5	4	–	2-3	4-6	2500
13B	Stornoway ...	1001.5	+20	NNW	4	r&b	50	95	7	6	2	–	7-8	10	1500
15	Dalwhinnie ...	1000.1	+20	W	3	c	57	85	8	8	2	–	4-6	10	800
	Aberdeen ...	998.6	+22	WNW	5	c	60	65	8	5	3	–	7-8	7-8	1500
	Wick ...	994.2	+6	NNW	4	rr	51	95	7	6	2	–	7-8	10	1500
16	Lerwick ...	997.9	-10	E'N	4	rr	51	95	7	6	–	–	10	10	1500
17	Blacksod Point	1010.7	+26	NW	4	bc	60	65	8	2	3	–	2-3	4-6	1500
18	Malin Head ...	1005.9	+32	NW	4	bc	59	85	8	8	–	–	4-6	4-6	2500
	Aldergrove ...	1005.3	+26	NW'N	5	c/pr	59	65	9	8	–	3	7-8	7-8	2500
19	Birr Castle ...	1009.0	+24	WNW	2	c/pr	60	65	8	8	–	–	7-8	7-8	2500
20	Valentia Obsy. †	1014.2	+30	NW'W	5	bc	60	65	8	2	–	1	2-3	2-3	2500
	Roches Point	1010.8	+24	NW	4	c/pr	62	65	9	9	–	–	7-8	7-8	1500

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 20th July. Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1007.4	+46	WNW	4	bc	63	65	7	8	–	3	2-3	4-6	2500	1	*
	Croydon ...	1006.8	+38	NW'W	3	c/p	59	85	7	5	7	–	7-8	9+	2500	1	*
	S. Farnborough	1008.2	+52	W'N	2	c/pr	60	85	8	8	8	3	4-6	7-8	4000	1	*
	Boscombe Down	1008.4	+38	NW'N	3	c	61	65	8	5	–	–	7-8	7-8	1500	1	*
	Calshot (Sthmtn.)	1008.4	+40	NW	5	bc	63	75	8	7	4	–	2-3	2-3	2500	1	2
	Lympne ...	1005.1	+12	W'N	5	tlr	62	85	5	6	7	–	9	9+	800	1	3 §
	Manston ...	1004.6	+14	W	5	PR	65	65	8	9	2	–	4-6	9+	800	0	*
2	Shoeburyness ...	1005.7	+20	NW	3	pr	60	85	6	6	1	–	4-6	9	800	1	*
	Felixstowe ...	1004.0	+26	WNW	5	c/TLR	61	85	7	9	2	–	7-8	10	2500	1	3
	Gorleston ...	1003.1	+10	WNW	2	pr	61	85	7	6	–	–	10	10	1500	1	2
	Mildenhall ...	1004.5	+18	W'N	3	c	62	75	8	5	5	–	4-6	7-8	2500	1	*
	Cranwell ...	1005.2	+26	WNW	5	bc	61	55	8	8	7	4	2-3	4-6	4000	1	*
3	Birmingham ...	1007.5	+30	NW	5	c	61	65	8	6	–	4	4-6	7-8	2500	1	*
	Upper Heyford	1007.7	+34	NW	4	q	62	55	9	7	7	3	2-3	4-6	2500	1	*
4	Ross-on-Wye	1009.2	+30	NW'W	5	bc	63	55	9	8	–	–	2-3	2-3	4000	0	*
5	Portland Bill ...	1010.5	+40	NNW	5	bc	62	85	8	2	4	–	2-3	4-6	2500	1	4
	Plymouth ...	1014.0	+34	WNW	5	bc	64	65	8	8	–	1	4-6	4-6	2800	1	2
	The Lizard ...	1014.5	+32	WNW	5	bc	61	85	8	8	–	–	2-3	2-3	2500	0	3
	Scilly (St.Mary's)	1015.9	+20	NW'W	5	b	62	75	7	–	–	–	0	0	–	0	3
	Guernsey ...	1012.4	+32	WNW	6	bc	62	75	8	–	1	8	0	2-3	–	0	4
6	Pembroke ...	1011.0	+28	NW	3	q	61	65	8	7	6	–	4-6	4-6	4000	0	2
7	Holyhead ...	1010.0	+32	WNW	5	bc	60	75	9	8	4	–	1	2-3	4000	1	3
	Chester(Sealand)	1008.8	+30	WNW	5	bc	60	65	8	8	6	–	4-6	4-6	1500	1	*
8	Manchester ...	1007.0	+30	NW	6	bc	61	55	8	1	–	1	2-3	2-3	1500	1	*
10	Spurn Head ...	1002.5	+10	NW'N	6	c	64	65	8	5	7	1	4-6	7-8	2500	1	5
	Catterick ...	1003.8	+28	NW	4	bc	62	55	8	7	–	1	1	4-6	4000	0	*
	Tynemouth ...	1001.3	+26	W	5	bc	63	55	7	2	–	1	4-6	4-6	2500	0	1
11	Inchkeith ...	1002.2	+16	W	5	c	60	65	8	3	–	–	7-8	7-8	2500	0	2
12	Leuchars ...	1001.8	+30	WNW	4	c	59	65	9	8	–	–	9	9	2500	0	*
	Renfrew (Abbots I.)	1004.6	+28	W	5	bc	58	55	9	2	–	–	2-3	2-3	4000	1	*
	Eskdalemuir ...	1004.2	+30	WNW	6	bc/pr	57	65	8	8	–	–	4-6	4-6	2500	1	*
	Point of Ayre...	1007.9	+30	NNW	6	bc	59	75	8	2	4	–	1	2-3	4000	0	4
13A	Tiree	1008.0	+20	NW'W	5	bc	56	75	8	8	3	–	4-6	4-6	2500	0	4
13B	Stornoway ...	1005.0	+20	NNW	4	c/r	54	85	7	8	7	–	4-6	7-8	1500	1	1
15	Dalwhinnie ...	1003.8	+24	NW	4	r	47	85	8	8	2	–	7-8	10	1500	1	*
	Aberdeen ...	1000.4	+22	WNW	5	bc	55	75	8	8	3	–	2-3	4-6	2500	1	2
	Wick ...	998.5	+20	NNW	5	rr	52	95	8	6	2	–	7-8	10	1500	1	3
16	Lerwick ...	993.5	-20	ENE	5	rr	53	95	5	6	–	–	10	10	450	2	*
17	Blacksod Point	1015.3	+16	NW	4	bc	59	65	8	2	4	–	2-3	4-6	1500	0	3
18	Malin Head ...	1009.6	+22	NW'N	4	c	58	85	8	8	–	–	9	9	2500	0	2
	Aldergrove ...	1009.9	+24	NW'W	5	bc/pr	59	65	9	8	6	–	2-3	4-6	2500	1	*
19	Birr Castle ...	1013.3	+20	WNW	2	c	63	65	8	8	–	–	7-8	7-8	2500	1	*
20	Valentia Obsy. †	1017.6	+22	WNW	4	bc	60	75	8	8	3	1	2-3	4-6	1500	1	2
	Roches Point	1015.2	+26	NW	4	bc	61	65	9	2	4	1	2-3	4-6	2500	0	3

District	Stations. (For heights see p. 4.)	PAST 24 HOURS. Weather. 7h.—18h. 20th (37)	12h.—18h. 20th (38)	18h. 20th to 1h. 21st (39)	1h.—7h. 21st. (40)
1	London (Kew)	cpr	cpr$_b$c	bcb	bbcb
	Croydon ...	c$_d$p pr$_o$	cpr$_o$PR	cr$_o$bcb	bcb
	S. Farnborough	ic$_o$cPR	ccPRq	bcbw	wb
	Boscombe Down	cdd c	cprc	bcb	bcb
	Calshot (Sthmtn.)	ccd$_o$cbc	cPR pr	bc bw	bwb
	Lympne ...	or$_o$cbc	bcctlrq	ctlrwcb	b$_o$cbcb
	Manston ...	ccy	tlr$_o$cPR	cPR tlr$_o$	bcqv
2	Shoeburyness ...	cpr	c$_o$tlr pr	cpr$_o$m$_o$	b
	Felixstowe ...	c$_d$o pr$_o$	cpr TLRq	c$_o$b	b
	Gorleston ...	cop tlr	o tlcR	oPRbcb	bbc
	Mildenhall ...	ccr$_o$	cr$_o$r$_o$	cbc	bcb
	Cranwell ...	cTLR	rrirc	bcb	b
3	Birmingham ...	prbc	prbc	bc	bcb
	Upper Heyford	cbccr$_o$	cr$_o$rqv	bcq	bcw
4	Ross-on-Wye	cp$_o$bccp	p$_o$cP$_o$bcy	bv	bbcb
5	Portland Bill ...	c	cbc	bcb	bbc
	Plymouth ...	cpr$_o$bc	bccpr$_o$bc	bc	bcb
	The Lizard ...	cprq	cqbc	bcb	bbcw
	Scilly (St.Mary's)	cp$_o$q	cbcb	b bcb	bbcb
	Guernsey ...	bccp$_o$	bc	bcb	b
6	Pembroke ...	cqpr	cbcq	bcbq	bcc
7	Holyhead ...	c	cbc	bbc	bcc
	Chester(Sealand)	RRc$_o$R	cybc	bc	bc
8	Manchester ...	cprpr$_o$	cbcy	bcb	b bc
10	Spurn Head ...	cpr	prc	bcq	bc
	Catterick ...	cbc	bcy	bcy bw	bwb
	Tynemouth ...	obc	bcq	bc	bc
11	Inchkeith ...	cprc	c	cbc	bcc
12	Leuchars ...	cm$_o$bcc	c	c	cbcbw
	Renfrew (Abbots I.)	cbcvy	bcvy	bcvy	bcv
	Eskdalemuir ...	p$_o$bc	pr$_o$bc	bcb	bbc
	Point of Ayre...	prc	cbc	cbc	bc
13A	Tiree	bc	bc	bc	bc
13B	Stornoway ...	cro$_o$	cro$_o$	cpr$_o$	cpr$_o$
15	Dalwhinnie ...	c	ir	*	ir
	Aberdeen ...	cbcc	cpr$_o$bcv	bcq	bcq
	Eskdalemuir ...	crr	crr	c tR	tRbc
	Point of Ayre...	corr	crrRR	cirrrm$_o$	crRcm$_o$
16	Lerwick ...	prc	bc	pr$_o$c	pr$_o$c
17	Blacksod Point	cbcc	cpr$_o$	c	c
18	Malin Head ...	cbcc	cpr$_o$	c	c
	Aldergrove ...	ccrpc	bcpr$_o$v	bc	bc cr
19	Birr Castle ...	cpr	c	cbc	bcc
20	Valentia Obsy. †	bc	bc	bcc	cpr$_o$c
	Roches Point	cp$_o$cv	cp$_o$bc	bcb	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 Ragged low clouds of bad weather. (or Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

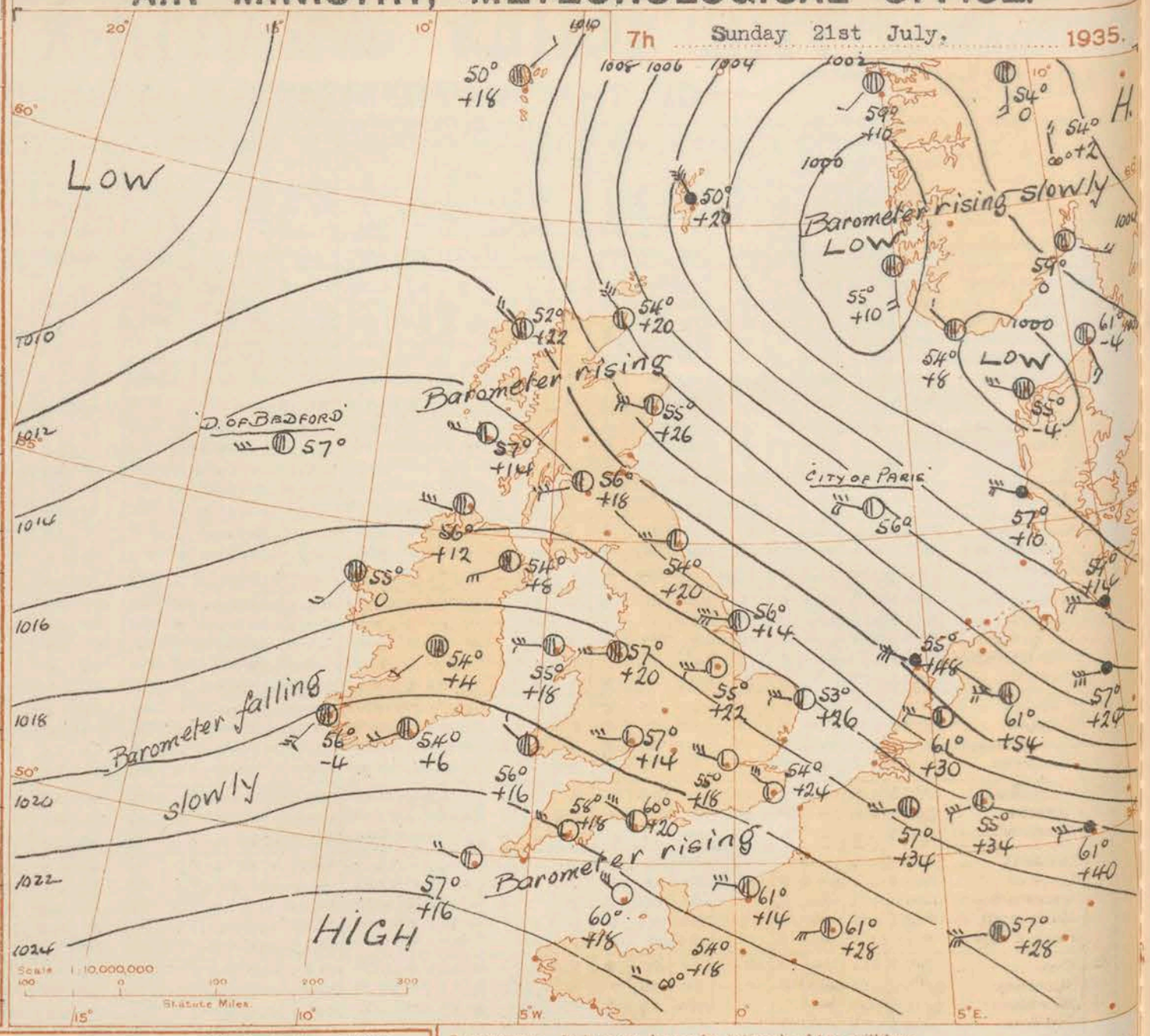
† See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 20th July, 1935.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 19th to 9h. 20th	Temperature. Max. 9h.—17h. 20th	Rainfall. Night. 17h. 19th to 9h. 20th	Rainfall. Day. 9h.—17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset. 19th.
1	Tunbridge W.	pr	bctrc	56	68	2	8	3.0	2.8
	Bournemouth	cbc	bc	57	68	3	~	4.7	0.0
	Ventnor ...	orc	cbc	57	68	2	-	4.6	0.5
	Southsea ...	bcp	cp	59	69	3	1	3.6	0.3
	Bognor Regis	cbcr	bcrc	59	67	1	0.5	4.9	1.0
	Littlehampton	cbcp	bcp	59	66	3	3	3.9	1.1
	Worthing ...	cbcb	bbcc p	59	67	2	2	4.0	1.0
	Brighton ...	bcrc	crc	59	66	0.5	0.5	4.8	1.3
	Eastbourne† ...	ocp$_o$cbc	bcp$_o$c	58	65	1	0.2	5.1	2.3
	Hastings† ...	c	cbccpr	60	66	1	0.4	4.5	2.7
	Folkestone ...	or$_o$o	r$_o$bcc	58	67	1	1	5.2	5.8
	Dover ...	cbc	bccp	58	66	1	0.2	6.1	5.2
	Deal	rocbc	bocb	58	70	0.5	Tr	5.3	4.0
	Ramsgate ...	c	bcc	58	68	0.3	-	4.2	5.4
	Margate ...	bc	bccd	57	70	2	Tr	4.5	5.5
2	Southend ...	ccp	cu$_t$lr	58	70	0.3	4	2.6	3.2
	Maldon ...	rcbc	ciptl	58	71	0.5	3	3.3	2.7
	Clacton-on-Sea	cupc	ctlrc	59	68	0.3	4	2.0	3.2
	Dovercourt ...	rbcc	bctlr	58	69	0.4	23	4.3	4.8
	Lowestoft ...	coir	tlroc	56	71	1	6	2.7	5.2
	Skegness ...	oir	otlro	57	68	1	4	1.1	3.2
	Mablethorpe...	cop	otlrc	57	68	1	6	2.3	4.9
	Cleethorpes ...	bc	bcr	57	70	-	1	3.8	4.4
3	Leamington S.	cp	c	57	65	2	1	2.0	0.6
4	Cheltenham†	cir	circ	60	67	4	1	1.7	0.1
5	Bath	bccp$_o$	cbcp$_o$	59	67	2	Tr	2.5	0.0
	Weymouth ...	cbcb	epcb	58	69	2	0.5	4.3	0.0
	Jersey ...	pcbc	pcbc	58	64	Tr	Tr	5.5	4.7
	Torquay ...	bcpc	cbcy	57	69	3	-	5.7	0.0
	Penzance ...	rbpc	cb	56	66	2	Tr	5.2	0.0
	St. Ives ...	pr	c	55	63	1	Tr	3.7	0.4
	Bude... ...	cpdrc	cbc	58	63	3	-	4.5	2.3
	Ilfracombe ...	ocpo	cbcc	59	63	9	-	3.4	0.0
6	Aberystwyth	prc	bcc	55	60	5	0.3	3.5	0.6
7	Llandudno ...	r$_o$c	cbc	57	63	1	0.1	3.3	0.9
	Colwyn Bay...	robc	bcc	57	62	5	-	3.1	1.2
	Rhyl	rcbc	bc	57	61	23	0.1	3.1	0.8
8	Wallasey ...	crcbc	bc	58	65	4	0.3	4.5	0.9
	Southport‖ ...	copcb	b	58	64	2	0.3	6.1	0.4
	Blackpool ...	cpbc	b	58	62	5	Tr	7.0	0.8
	Morecambe ...	cbc	bbc	57	63	10	-	5.7	2.8
9	Ilkley... ...	cpcpc	cbc	56	65	5	0.4	3.3	1.4
	Harrogate ...	pcbc	bcc	55	65	4	2	4.1	2.6
10	Berwick-on-T.	cr$_o$c	cr$_o$c	54	63	7	Tr	3.9	5.0
11	Dunbar ...	c	bc	54	62	5	-	2.0	3.6
12	Troon... ...	oroc	cbc	54	61	2	-	7.5	0.4
	Douglas ...	cbqbc	bcq	53	60	9	-	8.8	1.3

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



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Moderate or fresh northwest to west wind, backing southwest; fair; temperature rather below average.
4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. 13 A. W. Scotld. / B.N.W. Scotland.	Moderate northwest to west wind, backing southwest; mainly fair apart from local showers; rather cool.
14 Mid Scotland	Moderate northwest wind, backing west; bright periods; local showers; rather cool.
15 N. E. Scotland 16 Orkneys and Shetlands	Fresh or strong northwest wind, backing west and moderating; occasional rain or showers; bright intervals, rather cool.
17 N. W. Ireland 18 N. E. Ireland	Moderate or fresh southwest wind; cloudy; showers or occasional rain, rather low to average temperature.
19 S. E. Ireland 20 S.W. Ireland	Light or moderate west wind, backing southwest; local showers; cloud increasing and rain spreading from west; rather cool

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol — ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS — ◯ Clear sky. ◔ Sky less than 3/10 clouded. ◑ Sky 4/10 to 7/10 clouded. ◕ Sky 8/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. ⛈ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ≈ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A low pressure system from the coast of Norway to northeast Germany is moving east-southeast followed by a wedge of high pressure over the British Isles. A depression on the Atlantic is extending its influence eastwards. Weather will be mainly fair apart from local showers in Western districts. Temperature will be rather below the average.

FURTHER OUTLOOK.

Fair in the Southeast; rain in the West and North.

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.

As 17.

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

Morning of
SUNDAY
21st, JULY.
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 21st July, 1935.

No. 26904.

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

DISTRICT	STATIONS.	Height above M.S.L. in feet. (1)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0–12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility. 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1015·9	+26	WNW	3	b	53	75	9	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1014·5	+26	NW	4	b	51	75	8	–	–	–	0	0	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010·8	+30	W	3	b	54	86	7	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1017·4	+18	WNW	4	b	58	85	8	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1020·3	+12	WNW	3	b	55	98	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1021·2	+10	NW	4	b	56	85	8	5	–	–	Tr	Tr	4000
	Guernsey ..	175	1018·8	+13	NW	2	b	57	88	7	1	–	–	1	1	2500
6	Pembroke ...	142	1017·9	~~+12~~ +16	NW	4	bq	57	75	8	–	–	–	0	0	–
7	Holyhead ...	26	1015·8	+22	WNW	5	bc	56	85	8	1	4	8	Tr	4·6	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1009·7	+19	WNW	7	bcq	55	86	8	–	2	–	0	2·3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1008·7	+24	WNW	3	bc	61	85	8	4	–	–	4·6	4·6	2500
11	Inchkeith ...	190	1008·0	+19	SW	4	bc	63	75	8	5	–	–	1·3	1·3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1013·3	+20	NW	5	bc	55	85	8	4	4	–	2·3	4·6	2500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1008·9	+14	NW	2	c/pr	51	85	7	8	7	–	4·6	7·8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1002·8	+10	NNW	5	iR	49	95	8	6	2	–	7-8	10	1500
16	Lerwick ...	156	997·1	+8	NE	~~4~~ 5	rr	52	95	6	6	–	–	10	10	800
17	Blacksod Point	18	1017·0	+12	WNW	4	c	55	75	8	5	–	–	7·8	7·8	800
18	Malin Head ...	52	1013·8	+19	WNW	4	c	54	95	8	4	–	–	7·8	7·8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1020·4	+6	WN	3	c	56	95	8	4	6	–	4·6	7·8	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. 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)	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)	1020·3	+26	W	2	b	56	75	8	1	4	1	Tr	1	1500	1	*
Croydon ...	1019·2	+18	WNW	3	b	55	75	9	1	3	1	Tr	1	4000	1	*
S. Farnborough	1019·7	+18	W	3	bc	57	76	8	–	5	1	0	4·6	–	1	*
Boscombe Down	1020·4	+20	WN	2	b	55	75	7	–	–	–	0	0	–	1	*
Calshot (Sthmtn.)	1020·6	+34	WN	3	b	63	65	8	–	4	–	0	1	–	1	§ 1
Lympne ...	1019·4	+24	NNW	3	b	54	85	8	1	–	1	Tr	1	2600	1	§ 1
Manston ...	1018·2	+30	WNW	5	q	59	65	8	5	–	1	2-3	2-3	2500	1	*
Shoeburyness ...	1018·3	+24	WNW	5	b	59	75	8	1	3	–	Tr	Tr	2600	1	*
Felixstowe ...	1017·0	+22	W	4	b	57	65	8	1	3	–	Tr	Tr	2600	1	2
Gorleston ...	1016·4	+26	WN	4	bc	53	75	7	2	–	1	2·3	2·3	4000	1	2
Mildenhall ...	1017·1	+20	WNW	4	b	56	75	8	–	3	–	0	Tr	–	0	*
Cranwell ...	1016·7	+22	W	4	b	55	75	8	8	4	1	Tr	1	4000	1	*
Birmingham ...	1019·0	+24	W	3	bc	54	75	8	–	3	–	0	2·3	–	1	*
Upper Heyford	1019·3	+20	WNW	4	bc	56	75	9	–	7	2	0	4·6	–	1	*
Ross-on-Wye	1019·5	+14	W	3	b	57	65	8	1	4	–	1	1	4000	0	*
Portland Bill ...	1021·3	+20	NW	3	bc	60	75	8	4	–	–	2·3	2·3	2500	1	3
Plymouth ...	1022·0	+18	WNW	3	b	58	85	8	8	–	–	Tr	Tr	2500	0	1
The Lizard ...	1023·1	+18	WNW	2	bc	57	95	8	8	6	–	2·3	2·3	1500	0	2
Scilly (St.Mary's)	1023·6	+16	WNW	2	bc/pr	57	85	8	8	4	–	2·3	4·6	2500	0	2
Guernsey ..	1022·4	+18	NNW	3	b	60	75	7	–	–	–	0	0	–	0	2
Pembroke ...	1020·2	+16	NW	1	c	56	85	8	8	–	–	7·8	7·8	4000	0	2
Holyhead ...	1018·9	+18	W	4	c	55	95	8	2	3	–	4·6	7·8	2500	1	3
Chester(Sealand)	1018·1	+20	W	3	c	57	75	8	8	3	–	7·8	7·8	2500	1	*
Manchester ...	1017·3	+16	NNW	4	c	57	75	8	2	–	–	7·8	7·8	2500	0	*
Spurn Head ...	1014·6	+14	WNW	7	q	56	85	8	–	1	–	0	2·3	–	0	6
Catterick ...	1014·7	+18	NW	4	b	56	65	8	1	–	4	1	1	4000	0	*
Tynemouth ...	1013·2	+20	W	3	bc	54	75	7	2	–	–	2·3	2·3	2500	0	2
Inchkeith ...	1011·9	+20	W	4	bc	53	75	8	5	–	–	2·3	2·3	2500	0	3
Leuchars ...	1011·3	+20	WNW	4	bc	56	65	8	7	–	–	2·3	2·3	4000	0	*
Renfrew (Abbots I.)	1014·2	+18	WSW	4	bc	56	65	9	8	4	–	2·3	2·3	2500	0	*
Eskdalemuir ...	1014·1	+14	WNW	5	bc	52	75	8	1	–	–	4·6	4·6	2500	1	*
Point of Ayre...	1016·8	+20	NW	4	bc	56	85	8	2	4	–	1	4·6	1500	0	3
Tiree	1014·6	+14	WNW	3	bc	57	75	8	5	3	–	2·3	4·6	2500	0	3
Stornoway ...	1012·7	+22	NW	2	c/pr	52	85	8	8	6	–	4·6	9	1500	1	1
Dalwhinnie ...	1012·4	+12	NW	2	bc	50	65	8	4	6	–	2·3	4·6	2500	1	*
Aberdeen ...	1009·1	+26	WNW	5	bc	55	65	8	1	3	–	4·6	4·6	1500	1	2
Wick ...	1007·6	+20	NNW	5	bc	54	85	8	8	6	–	4·6	4·6	1500	1	3
Lerwick ...	1002·2	+20	NNW	6	rr	50	95	6	6	–	–	10	10	800	2	*
Blacksod Point	1017·6	0	SW	2	c	55	85	8	5	–	–	10	10	800	1	3
Malin Head ...	1015·0	+12	WNW	3	c	56	95	8	2	8	9	2·3	7·8	2500	0	1
Aldergrove ...	1017·6	+8	WSW	3	c	54	85	8	5	3	–	7·8	7·8	1500	0	*
Birr Castle ...	1019·2	+4	SW	1	c	54	95	8	5	–	–	10	10	2500	1	*
Valentia Obsy. †	1020·3	-4	SWS	4	cjp	56	85	8	5	2	–	9	10	1500	1	3
Roches Point	1021·1	+6	WSW	2	c	51	85	8	5	2	–	2·3	9+	1600	0	2

PAST 24 HOURS.

DISTRICT	STATIONS.	Temperature. Max. Day 7h–18h °F. (31)	Temp. Min. Night 18h–7h °F. (32)	Temp. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 20th. Hrs. (36)
1	London (Kew)	69	51	45	2	–	5·3
	Croydon ...	67	49	46	8	Tr.	3·2
	S. Farnborough	70	46	34	6	Tr.	5·8
	Boscombe Down	66	47	44	1	–	4·2
	Calshot (Sthmtn.)	67	50	49	2	–	5·6
	Lympne ...	67	48	45	~~7·2~~ 0·2		3·8
	Manston ...	71	56	53	Tr.	1	~~4·5~~ 5·4
2	Shoeburyness ...	70	52	45	2	0·1	2·8
	Felixstowe ...	70·	53	52	16	–	3·6
	Gorleston ...	71	49	48	17	1	2·5
	Mildenhall ...	72	49	46	0·2	–	4·0
	Cranwell ...	67	48	44	4	–	4·0
3	Birmingham ...	67	48	44	3	–	5·6
	Upper Heyford	66	47	38	0·3	–	*
4	Ross-on-Wye	66	49	41	0·6	–	4·8
5	Portland Bill ...	64	56	*	–	–	*
	Plymouth ...	65	54	50	Tr.	–	8·9
	The Lizard ...	63	55	*	0·2	–	*
	Scilly (St.Mary's)	66	54	*	0·2	Tr.	9·5
	Guernsey ..	66	55	50	Tr.	–	11·1
6	Pembroke ...	62	54	*	Tr.	–	3·0
7	Holyhead ...	62	54	52	Tr.	–	8·7
	Chester(Sealand)	62	54	49	5	–	~~3·6~~ 5·4
8	Manchester ...	63	50	44	0·6	–	7·1
10	Spurn Head ...	70	53	*	2	–	4·9
	Catterick ...	67	48	37	–	–	7·8
	Tynemouth ...	67	50	46	–	–	*
11	Inchkeith ...	61	50	47	–	–	2·3
	Leuchars ...	63	46	40	–	–	4·2
12	Renfrew (Abbots I.)	62	49	46	–	–	9·6
	Eskdalemuir ...	61	47	44	Tr.	–	6·5
	Point of Ayre...	61	52	*	0·2	–	11·2
13A	Tiree	59	52	49	0·2	–	11·4
13B	Stornoway ...	54	49	*	7	3	1·2
15	Dalwhinnie ...	~~57~~ 54	46	43	0·2	1	0·2
	Aberdeen ...	68	50	48	0·1	–	5·2
	Wick ...	52	48	*	10	14	*
16	Lerwick ...	55	49	*	36	49	0·0
17	Blacksod Point	61	52	*	0·2	0·2	*
18	Malin Head ...	59	53	*	Tr.	–	10·1
	Aldergrove ...	63	49	45	0·1	–	10·2
19	Birr Castle ...	64	46	37	0·9	–	8·3
20	Valentia Obsy. †	62	55	50	–	Tr.	9·8
	Roches Point	63	53	*	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.
KEW	18	cpr	cpr bc	bcb	69	51	45	2	–	5·3	*	*	8
CROYDON	217	c d. pr s	c p c P R	c s. bcb	67	49	46	8	Tr.	3·2	*	*	9
GREENWICH (Royal Observatory)...	149	dc	c p t c	c d. c	73	51	45	1	–	4·9	63	53	8
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	4·2	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	69	54	45	2		4·4	62	68	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*									*
CAMDEN SQUARE	110	c c y	c c y c	*	71	51	46	0	–	4·4	*	57	*
KENSINGTON	80	bcp	bc	*	69	51	43	·1	–	4·0	At 18h. 71	83	*
HAMPSTEAD OBSERVATORY	450	cp	bcp	cp	68	49	39	4	0·4	3·6	71	68	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

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

KEW OBSERVATORY. Max.	Time.	Min.	Time.
0.1	whole period		

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.
PARIS	1009·2	WNW	6	c	68	1021·5	W	3	bc	61
BRUSSELS	1005·1	SSW	3	c	61	1017·0	W	3	c	57
BERLIN	1003·1	SSE	2	c	73	1004·0	W	3	c	61
ZÜRICH	1011·8	SW	2	c	63	1019·2	NW	5	c	59
ROME	1010·5	SSE	7	b	81					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
72	55	?	–
70	?	3	?
81	59	0·3	5
82	59	33	–
?	?	–	

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 22nd July, 1935.
No. 26905

OBSERVATIONS at 13h. G.M.T. 21st 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)	1021·4	+8	WNW	3	c	65	45	8	8	-	-	7-8	7-8	4000
	Croydon ...	1020·8	+6	WNW	4	c	65	45	9	7	-	-	7-8	7-8	4000
	S. Farnborough	1021·3	+4	W	4	c	68	45	7	7	3	-	7-8	7-8	4000
	Boscombe Down	1022·1	0	W	4	c	65	45	8	8	-	-	7-8	7-8	1500
	Calshot (Sthmtn.)	1021·7	+8	WNW	4	bc	67	55	8	7	-	-	4-6	4-6	4000
	Lympne ...	1020·9	+4	W'N	4	c	65	45	9	2	-	-	7-8	7-8	2500
	Manston ...	1020·4	+6	WNW	5	bc	66	45	8	7	-	-	4-6	4-6	2500
2	Shoeburyness ...	1020·0	+4	W'N	4	c	60	55	8	7	-	-	7-8	7-8	4000
	Felixstowe ...	1019·1	+10	W	4	bc	65	45	8	7	-	-	4-6	4-6	2500
	Gorleston ...	1018·3	+8	W'N	3	bc	64	55	7	2	-	-	4-6	4-6	4000
	Mildenhall ...	1018·3	+6	NW	4	bc	66	45	8	2	-	-	4-6	4-6	4000
	Cranwell ...	1018·9	+10	W'N	5	bc	65	45	8	8	-	-	4-6	4-6	4000
3	Birmingham ...	1019·9	+8	W	4	c	64	45	8	1	3	-	4-8	7-8	4000
	Upper Heyford	1020·6	+4	W	4	q	65	55	9	8	7	1	7-8	9	4000
4	Ross-on-Wye	1020·7	+10	W'N	3	c	65	55	8	7	7	-	7-8	9+	4000
5	Portland Bill ...	1023·3	+8	WSW	4	bc	60	85	8	4	-	-	4-6	4-6	2500
	Plymouth ...	1023·6	+6	W	4	c	63	65	8	8	3	1	4-8	7-8	2500
	The Lizard ...	1025·1	+10	W'S	3	bc	64	75	8	8	6	-	2-3	4-6	1500
	Scilly (St.Mary's)	1025·0	+6	W'S	3	c	66	75	8	4	3	-	4-6	7-8	4000
	Guernsey ...	1025·0	+14	WNW	4	bc	65	55	9	1	1	-	2-3	4-6	2500
6	Pembroke ...	1021·7	+6	WSW	3	c	60	75	8	7	2	-	4-6	8+	4000
7	Holyhead ...	1020·1	+8	SW'W	4	c	60	75	9	8	3	-	1	9+	4000
	Chester(Sealand)	1020·1	+10	NW'W	4	bc	62	65	8	2	3	-	4-6	4-6	2500
8	Manchester ...	1019·3	+12	WNW	5	bc	63	55	8	2	6	9	4-6	4-6	4000
10	Spurn Head ...	1016·1	+6	WNW	6	q	65	55	8	7	7	-	4-6	7-8	4000
	Catterick ...	1016·1	+10	NW	4	bc	65	45	9	1	-	-	4-6	4-6	4000
	Tynemouth ...	1014·6	+16	WNW	3	bc	64	75	8	3	-	-	4-6	4-6	2500
11	Inchkeith ...	1014·3	+12	W	4	c	61	55	8	8	5	6	4-6	9	4000
12	Leuchars ...	1014·3	+16	W	5	bc	63	45	9	7	-	4	4-6	4-6	4000
	Renfrew (Abbots I.)	1016·3	+14	W'S	4	c	61	55	9	8	-	4	4-6	7-8	4000
	Eskdalemuir ...	1016·1	+12	WNW	4	bc	57	55	8	8	-	1	4-6	4-6	4000
	Point of Ayre...	1018·8	+14	NW	4	bc	67	55	8	1	4	-	4-6	4-6	4000
13A	Tiree	1017·1	+16	WNW	3	bc	61	75	9	2	3	6	2-3	4-6	4000
13B	Stornoway ...	1015·2	+16	NW	4	c	58	65	9	8	7	-	4-6	7-8	4000
15	Dalwhinnie§ ...	1015·1	+10	NW	1	c	56	55	8	4	6	-	4-6	9	2500
	Aberdeen ...	1013·1	+24	NW	3	bc	59	55	8	8	-	-	4-6	4-6	2500
16	Wick ...	1012·1	+20	NNW	5	c	57	75	8	8	6	-	4-6	7-8	1500
	Lerwick ...	1005·6	+36	NNW	6	r	51	95	7	9	1	-	7-8	10	800
17	Blacksod Point	1016·7	-18	S	3	c	59	85	8	5	-	-	10	10	1500
18	Malin Head ...	1017·3	+8	NNW	3	c	60	95	8	2	5	9	1	7-8	2500
	Aldergrove ...	1018·1	+6	SW'S	3	c	60	65	9	8	7	-	9	9+	2500
19	Birr Castle ...	1019·6	-2	SW	1	c	58	75	8	5	-	-	10	10	2500
20	Valentia Obsy. †	1019·2	+2	SW'W	4	d	61	95	6	5	-	-	10	10	450
	Roches Point	1020·3	-6	SW	2	d	58	95	6	5	-	-	10	10	800

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1021·2	+2	W	3	c	65	55	8	8	-	-	9+	9+	2500	1	*
	Croydon ...	1020·7	-2	WNW	4	c	65	55	8	7	3	-	2-3	9+	4000	0	*
	S. Farnborough	1021·6	-2	W'S	3	c	65	55	8	5	3	-	9	9+	5700	0	*
	Boscombe Down	1022·3	+2	W'N	4	c	62	55	8	5	3	-	7-8	9	2500	1	*
	Calshot (Sthmtn.)	1022·1	+2	SW	3	c	62	75	8	8	7	-	7-8	9+	2500	0	2
	Lympne ...	1021·1	+2	W'S	2	bc	64	65	8	4	7	-	4-6	4-6	4000	0	3
	Manston ...	1020·4	0	W	4	bc	61	65	8	7	8	1	2-3	2-3	4000	0	*
2	Shoeburyness ...	1020·1	0	W'N	3	c	67	55	8	7	-	-	7-8	7-8	4000	0	*
	Felixstowe ...	1019·3	0	W	3	c	66	45	8	7	-	-	7-8	7-8	2500	0	2
	Gorleston ...	1018·6	0	WNW	4	bc	69	45	7	7	-	-	4-6	4-6	2500	0	2
	Mildenhall ...	1019·3	+4	NW	4	c	66	45	8	7	3	1	2-3	7-8	4000	0	*
	Cranwell ...	1019·4	+6	WNW	4	c	65	45	8	8	6	-	4-6	7-8	4000	0	*
3	Birmingham ...	1020·8	+4	W	3	c	63	45	8	1	3	-	1	7-8	4000	1	*
	Upper Heyford	1021·4	+4	W	4	c	62	65	8	5	7	-	4-6	9+	4000	1	*
4	Ross-on-Wye	1021·3	+8	W	3	c	61	65	8	5	7	-	7-8	9+	4000	0	*
5	Portland Bill ...	1022·4	-6	WSW	5	c	60	85	8	4	7	-	4-6	7-8	2500	1	4
	Plymouth ...	1023·5	0	WSW	5	c	60	85	8	5	7	-	4-6	10	2500	0	2
	The Lizard ...	1024·4	-4	SW'W	3	c	58	95	8	5	2	-	9	10	1500	0	2
	Scilly (St.Mary's)	1023·7	-10	SW'W	4	d	59	95	6	5	-	-	10	10	800	1	3
	Guernsey ...	1024·9	-2	WNW	4	c	61	75	8	8	-	-	7-8	7-8	2500	0	3
6	Pembroke ...	1020·9	-4	SW	3	dd	57	95	6	5	-	-	10	10	1500	1	2
7	Holyhead ...	1020·6	-2	SW'S	4	c	58	85	8	5	2	-	2-3	10	1500	0	3
	Chester(Sealand)	1020·7	+2	SW'W	3	c	61	55	9	8	3	+1	4-6	9	2500	0	*
8	Manchester ...	1020·1	+2	WNW	4	c	61	65	8	8	7	-	2-3	9	2300	0	*
10	Spurn Head ...	1017·7	+6	WNW	6	bcq	65	65	8	7	7	2	2-3	4-6	4000	0	5
	Catterick ...	1018·1	+10	WNW	3	bc	62	65	9	1	-	1	2-3	4-6	4000	0	*
	Tynemouth ...	1016·2	+12	WNW	3	bc	64	45	8	2	-	1	4-6	4-6	2500	0	2
11	Inchkeith ...	1016·7	+10	W	4	bc	60	65	8	4	4	5	2-3	4-6	4000	0	3
12	Leuchars ...	1016·2	+10	WNW	3	bc	65	45	9	7	3	1	4-6	4-6	4000	0	*
	Renfrew (Abbots I.)	1017·7	+6	NW'W	3	bc	62	55	9	1	4	8	1	2-3	4000	0	*
	Eskdalemuir ...	1017·7	+10	WNW	4	bc	61	55	8	1	6	1	2-3	4-6	4000	1	*
	Point of Ayre...	1018·9	0	W	4	c	62	65	8	-	5	-	0	7-8	-	0	3
13A	Tiree	1017·3	0	S	1	bc	58	75	9	5	3	-	2-3	4-6	4000	0	2
13B	Stornoway ...	1016·8	+6	SE	3	c	57	75	9	8	7	-	4-6	7-8	4000	1	1
15	Dalwhinnie§ ...	1016·7	+10	NNW	2	c	58	45	8	4	6	1	4-6	10	2500	0	*
	Aberdeen ...	1016·2	+20	NW'N	4	bc	59	55	8	7	-	5	1	1	2500	0	2
16	Wick ...	1016·1	+18	NW	4	bc	56	85	8	8	1	-	2-3	4-6	1500	0	2
	Lerwick ...	1013·3	+24	NW	4	bc	54	75	8	8	3	-	4-6	7-8	1500	1	*
17	Blacksod Point	1017·0	+4	SW	3	c	60	95	8	5	-	-	10	10	1500	0	3
18	Malin Head ...	1017·8	-2	NNW	3	c	58	95	9	4	1	-	7-8	9+	4000	0	1
	Aldergrove ...	1018·5	+2	SW'S	3	c	63	65	8	8	3	-	7-8	9	2500	0	*
19	Birr Castle ...	1018·4	-8	SW	1	c/d	62	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy. †	1020·7	+8	W'S	3	d	60	95	6	5	-	-	10	10	220	1	3
	Roches Point	1019·0	-6	SW	2	c	61	95	8	6	-	-	9+	9+	1500	1	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.–13h. ...21st.. (37)	Weather. 13h.–18h. ..21st... (38)	Weather. 18h 21st. to 1h..22nd (39)	Weather. 1h.–7h. ..22nd. (40)
1	London (Kew)	bcc	cy	c	c
	Croydon ...	bbcy	bcyv	cybcc	bcc
	S. Farnborough	bcycy	cy	cyc	c.b bc
	Boscombe Down	bbc	bccy	cychcw	d.d.d.w
	Calshot (Sthmtn.)	bybcy	bcybc	c	c.d.d.c
	Lympne ...	b-bcyv	bcyv	c	c.bc
	Manston ...	bcqbcy	bcybc	c	c
2	Shoeburyness ...	bc	bcy	bcc	c
	Felixstowe ...	bbcy	bcycy	cy-b	bbcz.o
	Gorleston ...	bccqy	bcqcy	bcb	bz.o
	Mildenhall ...	bc	bc	bc-c	bbc
	Cranwell ...	bbcv	bcy	bcb.m.o	b.m.o.wb
3	Birmingham ...	bbc	bcc	bc	bcc
	Upper Heyford	bccvyq	cvyq	c	c
4	Ross-on-Wye	bcc	cy	c.d.o.b.c	co
5	Portland Bill ...	bc	bcc	drdr	o.f.c
	Plymouth ...	bbcc	r	ci.r.d.r.v	o.d.o.h.w.c.d.
	The Lizard ...	bccbc	bcpr.	effdd	ffffid
	Scilly (St.Mary's)	bcc	p.o.d.	ifed.	e.i.d.i.f.
	Guernsey ...	bc	bcc	cod.d.	e.i.d.f.
6	Pembroke ...	c	cq.m.p.r.d.	o.i.F.o	c
7	Holyhead ...	c	mc	i.d.o.o	o.h.w.c
	Chester(Sealand)	cpr.bc	bccvy	cy	c.h.w.o
8	Manchester ...	b-cqbc	bcyc	c.b.c.c	c.h.w.o
10	Spurn Head ...	bccq	cqz	b.c.b	b.b.c
	Catterick ...	bbcy	bcybc	b.c.b.w	b.w.b.c
	Tynemouth ...	bc	bcq	b.c	b.c.c.m
11	Inchkeith ...	bcc	cbc	b.c.c	c
12	Leuchars ...	bcyvq	bcq.gv	bcybc	b.c.w.c
	Renfrew (Abbots I.)	bcvy	bccbvy	b.v.b.c.c	c.d.o.d.w
	Eskdalemuir ...	bcbcy	bcy	bcy.b.w	b.w.c
	Point of Ayre...	bc	bcc	c	c.d.o.d
13A	Tiree	bc	bc	b.c.c	c.o.r.d.w
13B	Stornoway ...	cpr.o.c	cbcc	c	c.r.v.b.-.o
15	Dalwhinnie§ ...	bc	c	*	i.r.o
	Aberdeen ...	bcq	bcq.jp	b.w	b.b.c.w
16	Wick ...	bcc	cbc	b.c	b.c.c
	Lerwick ...	orr.c.m.i.r	c.i.r.p.r.	c.b.c	b.c
17	Blacksod Point	cc	cc	i.d.f	i.d
18	Malin Head ...	c	c.b.c.c.v	c.p.r.	c.p.r.
	Aldergrove ...	c, bc, c	c	c	o.i.d.
19	Birr Castle ...	c	c.o.i.d.	o.i.d.c	c.o
20	Valentia Obsy. †	rrdddd	d.d.i.d.	i.d.o.i.d	i.d.c
	Roches Point	crrdd	d.d.o.m.c	c.i.r.c	c.i.f.e.c

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/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⸗gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

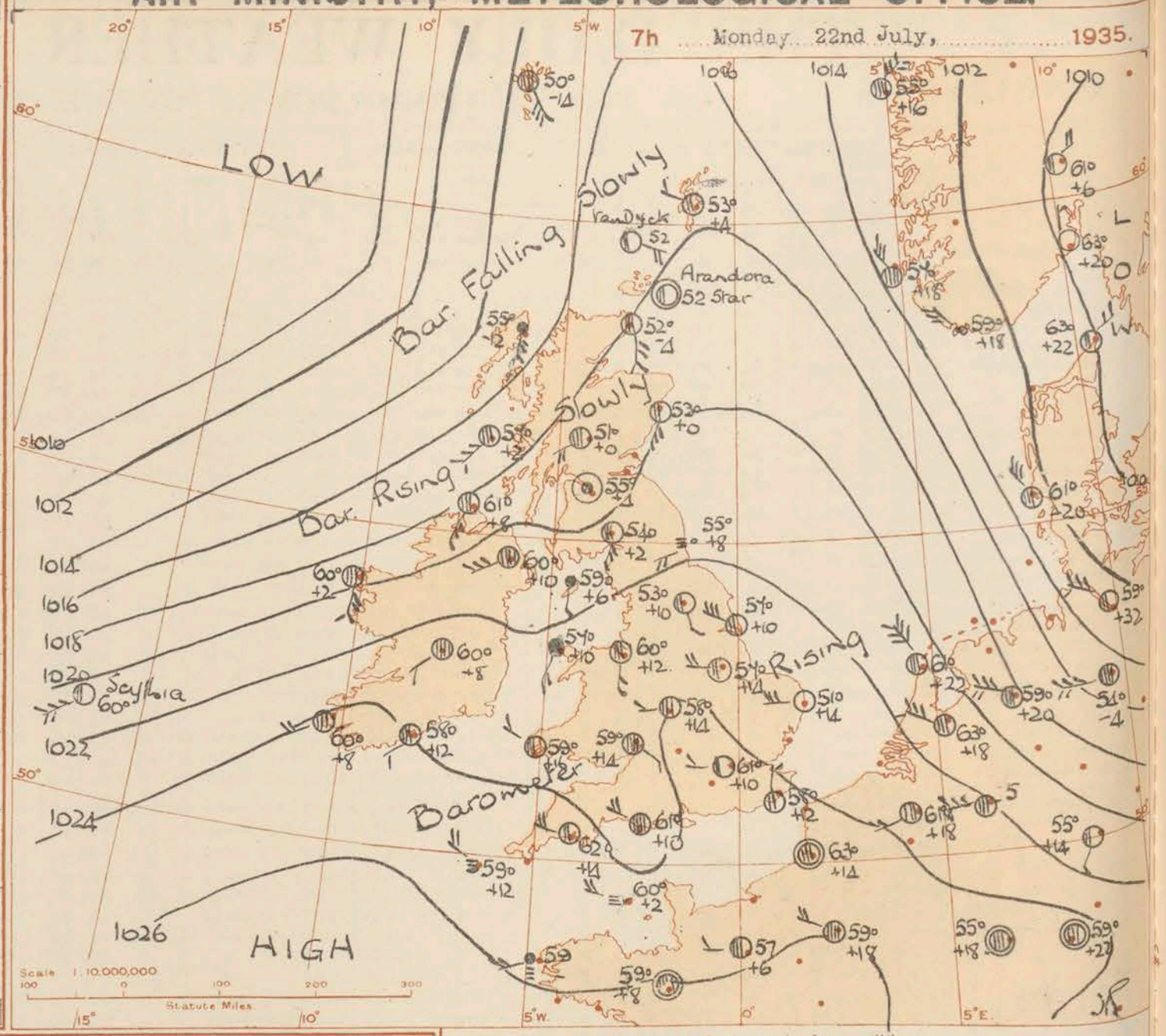
REPORTS from HEALTH RESORTS for 21st July, 1935.

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.	bc	bc	47	69	1	-	11·2	3·3
	Bournemouth	b	bcc	50	68	-	-	6·2	7·2
	Ventnor ...	cb	bccu	53	66	-	-	9·2	5·8
	Southsea ...	b	bcc	59	69	-	-	9·3	5·3
	Bognor Regis	b	b,bc	50	68	1	-	8·9	5·5
	Littlehampton	bc	bc	49	68	1	-	10·6	5·2
	Worthing ...	b	bbc	49	68	0·5	-	10·6	5·3
	Brighton ...	bc	bc	53	68	-	-	10·0	5·6
	Eastbourne† ...	by	bc	54	66	0·1	-	10·7	5·6
	Hastings† ...	bbc	bcbc	49	68	Trace	-	11·3	4·8
	Folkestone ...	bbc	bc	50	69	1	-	9·6	5·6
	Dover ...	ybc	bc	53	69	2	-	10·0	6·2
	Deal	bbcb	bbcc	52	71	6	-	9·7	5·3
	Ramsgate ...	bc	bc	54	68	1	-	11·9	4·2
	Margate ..	bc	bc	57	69	1	-	12·3	4·5
2	Southend ...	b	bbcc	51	71	0·3	-	11·1	2·8
	Maldon ...	b	bcv	52	69	Trace	-	9·6	3·7
	Clacton-on-Sea	bcy	bcy	50	69	0·2	-	11·6	2·1
	Dovercourt ...	bcv	bcv	53	68	0·4	-	11·5	4·4
	Lowestoft ...	irbc	b	48	70	1	-	12·0	2·7
	Skegness ...	bbc	bc	47	69	-	-	12·0	1·6
	Mablethorpe...	cbcy	bcy	49	68	-	-	12·0	2·3
	Cleethorpes ...	bc	bc	51	70	-	-	12·3	4·6
3	Leamington S.	cbc	bcc	48	67	-	-	7·9	3·3
4	Cheltenham†	bc	c	47	67	-	-	5·7	3·9
5	Bath	bbcc	cbc	49	68	-	-	6·9	4·9
	Weymouth ...	b	bc	51	67	-	-	8·6	7·0
	Jersey ...	b	b	57	65	-	-	12·3	8·0
	Torquay ...	bcyv	bccoq	53	68	-	-	7·8	7·5
	Penzance ...	bbccb	bc,c	52	67	-	-	5·6	7·6
	St. Ives ...	c	c	55	64	-	-	5·5	6·3
	Bude... ...	cbc	cnc	58	65	-	Trace	3·9	7·1
	Ilfracombe ...	bcc	cod	58	64	-	Trace	3·7	4·9
6	Aberystwyth	cbc	c	55	62	-	-	4·6	5·6
7	Llandudno ...	bc	bcc	54	64	-	-	6·1	5·9
	Colwyn Bay...	bcbcc	bcbcc	56	64	-	-	4·9	6·0
	Rhyl	cbc	bcc	55	65	-	-	6·3	4·0
8	Wallasey ...	bcb	bbcc	55	65	-	-	9·3	5·9
	Southport‖ ...	bcb	bbcc	55	64	-	-	10·6	8·8
	Blackpool ...	bc	bcbbc	55	63	-	-	11·1	9·4
	Morecambe ...	b	b	55	63	-	-	12·1	8·3
9	Ilkley... ...	b	b	49	66	-	-	10·0	5·8
	Harrogate ...	bcb	bcb	48	64	-	-	11·0	6·4
10	Berwick-on-T.	bbc	bc	48	65	-	-	12·3	4·0
11	Dunbar ...	bc	bc	48	65	-	-	10·8	2·3
12	Troon... ...	bcbcc	crbcc	54	63	-	Trace	11·6	9·0
	Douglas ...	cbqbc	bccb-	49	64	-	-	9·7	11·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday 22nd July, 1935.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd July, 1935.
1 S.E. England	Light west or southwest wind; dull or cloudy; occasional slight drizzle locally; local coastal and hill fog; close.
2 E. England ...	
3 E. Midlands ...	Light west or southwest wind; dull or cloudy; occasional slight drizzle locally; close.
4 W. Midlands ...	
5 S.W. England	Light west or variable wind; dull or cloudy, local slight drizzle and fog on coast and hills at first; close.
6 South Wales ...	
7 North Wales ...	Light or moderate southwest wind; dull or cloudy; local slight drizzle; local mist on coast and hills; close.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light or moderate west or southwest wind; cloudy or dull; local slight drizzle, perhaps hill fog; close.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 6 - 9.
13 A. W. Scotld. / B.N.W Scotland.	Moderate south to southwest wind, fresh locally; dull or cloudy; occasional rain; average temperature, close for a time.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	Moderate southwest wind; dull or cloudy; local slight drizzle; perhaps local coast and hill fog; close.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

Pressure is high from the Azores to France and the North Sea and low to southwest of Iceland. A slight trough of low pressure is moving east across England and Scotland. Weather will be mainly cloudy and close generally, with some rain in Scotland and local drizzle at first elsewhere.

FURTHER OUTLOOK.

Occasional rain in the North and Northwest, mainly dry elsewhere.

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. 6212 2904 1m. 8081 0.6001 Gp 9

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

Morning of
MONDAY
22nd JULY.
1935.
HIGH
LOW
1016
1020
1012
1008
1004
1000
996
992
988
984
980
976
972
968
964
960
1024
1028
Dutch Harbour
Bering Is.
Petropavlovsk
Oust Kamchatsk
Nome
St Lawrence Bay
Anadyr
Wrangel Is.
Kolymsk
Okhotsk
Nagaeva
Khuktsin
Vladivostok
Alexandrovsk
Nikolaievsk
Kerbi
Bikin
Kharborovsk
Norski Island
Chernyaevo
Erofe Pavlovitch
Narchinsk
Borzia
Sryentensk
Chita
Barguzin
Kirensk
Tommot
Yakutsk
Oekminsk
Lyakhorskii
Lena Mouth
Fort Simpson
Fort Norman
Coppermine
Fort Smith
Fairbanks
Dawson
Pt. Barrow
Kelowna
Penticton
Kamloops
Edmonton
Medicine Hat
Prince Albert
Qu'Appelle
Winnipeg
Dodge City
Denver
Boise
Salt Lake City
Flagstaff
Phoenix
El Paso
Santa Fe
Mazatlan
Chihuahua
Manzanillo
Acapulco
Leon
Tampico
Matamoros
Corpus Christi
Fort Worth
Vera Cruz
Frontera
Progreso
Belize
New Orleans
Jacksonville
Charleston
Cincinnati
Nashville
Atlanta
Havana
Guane
Kingston
Port Prince
Curacao
Bermuda
Hatteras
Nantucket
Sydney
Halifax
Antigonish
Yarmouth
Portland
Boston
Buffalo
Detroit
Toronto
Montreal
Quebec
Father Point
Seranton
Washington
Pittsburgh
Cleveland
Chicago
Duluth
Minneapolis
Le Rock
Omaha
Kansas City
Spring Field
Oklahoma City
Amarillo
Roswell
Tucson
San Diego
San Francisco
Roseburg
Portland
Seattle
Tatoosh
Prince Rupert
Barbados
Trinidad
Bassa Terre
Belem
Pernambuco
Bahia
Rio de Janeiro
Santos
Montevideo
Buenos Aires
Bahia Blanca
Port Stanley
Falkland Is.
Valentia
Scilly
Horta
Flores
Ponta Delgada
Lisbon
Corunna
Oporto
Madrid
Gibraltar
Alicante
Rabat
Marrakesh
Casablanca
Algiers
Oran
Laghouat
Tunis
Malta
Ouargla
C. Bechar
C. Juby
Rio de Oro
Funchal
Madeira
Bodo
Stockholm
Helsinki
Oslo
Bergen
Stornoway
Aberdeen
Shetland Is.
Jan Mayen
Angmagssalik
Godthaab
Julianehaab
Thorshavn
Reykjavik
Hornafjord
Westmannaeyjar
Stykkisholm
Isafjord
Blonduos
Akureyri
Raufarhofn
Scoresbysund
Ingolstadt
Hamburg
Berlin
Frankfurt
Prague
Vienna
Kosice
Budapest
Belgrade
Bucharest
Constanta
Odessa
Sevastopol
Simferopol
Kherson
Kharkov
Kursk
Voronezh
Moscow
Leningrad
Tampere
Hernosand
Gothenburg
Skagen
Copenhagen
Aalborg
Thorshavn
Lerwick
Valentia
Scilly
Brest
Rochefort
Toulouse
Perpignan
Marseilles
Nice
Genoa
Ajaccio
Rome
Naples
Taranto
Messina
Cagliari
Athens
Crete
Limassol
Beirut
Haifa
Gaza
Mosul
Hinaidi
Khartoum
Wadi Halfa
Aswan
Asyut
Helwan
Cairo
Tor
Suez
Benghazi
Siwa
Matruh
Malta
Tripoli
Sfax
Constantine
Algiers
Oran
Laghouat
Ouargla
C. Bechar
Marrakesh
Casablanca
Rabat
Gibraltar
Alicante
Lisbon
Madeira
Funchal
Rio de Oro
C. Juby
Bathurst
Freetown
Takoradi
Lagos
Calabar
Duala
Libreville
Port Gentil
Loanda
Benguela
Lobito Bay
Walvis Bay
Cape Town
Port Elizabeth
East London
Durban
Lourenco Marques
Beira
Salisbury
Bulawayo
Johannesburg
Pretoria
Kimberley
Windhoek
Swakopmund
Luderitz Bay
Port Nolloth
Mauritius
Tananarive
Majunga
Diego Suarez
Zanzibar
Dar es Salaam
Mombasa
Nairobi
Kisumu
Entebbe
Kampala
Juba
Malakal
Khartoum
Wadi Halfa
Asmara
Addis Ababa
Jibuti
Aden
Hodeida
Mukalla
Muscat
Bahrein
Kuwait
Basra
Abadan
Bushire
Lingeh
Jask
Karachi
Quetta
Jacobabad
Sibi
Multan
Lahore
Peshawar
Rawalpindi
Srinagar
Leh
Gilgit
Skardu
Jodhpur
Ahmedabad
Bombay
Poona
Hyderabad
Nagpur
Jubbulpore
Allahabad
Cawnpore
Lucknow
Delhi
Agra
Jaipur
Bikaner
Jaisalmer
Amritsar
Ferozepore
Lyallpur
Sargodha
Jacobabad
Sibi
Zahedan
Kerman
Yezd
Isfahan
Shiraz
Bandar Abbas
Kashan
Tehran
Meshed
Tabriz
Julfa
Erivan
Kars
Batoum
Tiflis
Baku
Krasnovodsk
Ashkhabad
Tashkent
Andijan
Fergana
Samarkand
Bokhara
Termez
Kushka
Merv
Chardjui
Kazalinsk
Aralsk
Orsk
Orenburg
Kazan
Ufa
Sterlitamak
Chelyabinsk
Sverdlovsk
Perm
Kirov
Gorki
Vyatka
Archangel
Kargopol
Petrozavodsk

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 22nd July, 1935.
No. 26905.

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)	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	1023·0	+6	WNW	1	bc	57	75	8	-	3	1	0	4·6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1023·1	+8	NW'W	3	c	57	75	8	5	3	-	7-8	9+	2700
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021·3	+10	W	2	b	52	85	7	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022·9	-4	WSW	3	dr	58	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023·9	0	W	4	df	58	95	3	5	-	-	10	10	800
	Scilly (St.Mary's)	163	1024·2	+6	WNW	3	o	59	95	5	5	-	-	10	10	800
	Guernsey ..	175	1024·7	-6	W	4	DD	58	95	5	5	-	-	10	10	1500
6	Pembroke ...	142	1020·9	+8	NW'N	1	F+	56	98	1	-	-	-	10	10	-
7	Holyhead ...	26	1020·8	+6	SW'S	2	o	58	95	6	6	-	-	6	10	450
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·3	+6	NW'W	4	b	57	85	8	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	106	1020·1	+10	W	2	bc	54	88	7	2	-	-	2-3	2-3	2500
11	Inchkeith ...	190	1019·4	+4	SW	2	c	63	75	7	4	5	-	4-6	7-8	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1020·4	+6	W	1	c	55	95	8	-	3	-	0	0	7200
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1019·9	-2	SE	3	c	55	85	7·	5	2	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018·9	+12	WSW	4	bc	84	95	8	8	6	-	4-6	4-6	1500
16	Lerwick ...	156	1017·0	+14	NW	3	bc	49	95	8	5	-	4	2-3	4-6	1500
17	Blacksod Point	18	1023·3	+10	SW	5	iD	58	95	6	6	-	-	10	10	800
18	Malin Head ...	52	1017·5	+6	S	2	cjp	58	95	7	8	-	-	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023·3	+10	WSW	3	df	56	95	3	-	-	-	10	10	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1024·5	+16	SW	1	c	61	85	7	5	3	-	7-8	9	4000	1	*
1024·1	+10	W	1	bc	61	78	8	5	4	-	4-6	4-6	2500	0	*
1024·5	+10	WSW	1	bc	60	88	8	-	-	-	4-6	4-6	4000	0	*
1023·8	+14	-	0	c	58	92	6	5	-	-	10	10	800	-	*
1023·9	+14	-	0	c	60	92	8	5	3	-	7-8	9+	800	-	0
1024·3	+12	N	1	bc	58	88	7	-	3	7	0	2-3	-	0	*
1024·1	+16	NW	2	c	62	68	7	7	3	-	4-6	7-8	4000	0	*
1024·5	+14	NW	2	c	60	88	8	5	-	-	9	9	4000	0	*
1023·7	+16	NW	1	bc	60	88	6	6	-	4	0	2-3	-	0	0
1023·6	+14	W	3	b	59	92	6	-	-	8	0	1	-	0	2
1023·3	+18	W	1	bc	58	78	7	-	3	-	0	4-6	-	0	*
1023·8	+14	W	2	bc	57	78	7	-	-	6	0	4-6	-	0	*
1023·9	+14	WSW	1	c	58	88	6	5	-	-	10	10	1500	0	*
1024·1	+14	-	0	c	59	88	8	5	1	-	9+	9+	2500	-	*
1023·6	+14	ESE	1	o	59	88	6	5	-	-	10	10	1500	-	*
1023·7	+12	NW	2	o	61	92	7	3	-	-	10	10	1500	-	3
1024·2	+14	NW	2	bc	62	92	7	5	3	-	4-6	4-6	800	-	2
1025·3	+16	NW	2	bc	58	92	3	5	-	-	10	10	800	-	2
1025·6	+12	NW	2	bc	59	95	2	-	-	-	10	10	450	-	2
1024·9	+2	NW	3	bc	60	95	2	-	-	-	10	10	450	2	2
1022·6	+16	NW	1	c	59	95	7	5	-	-	9+	9+	2500	-	-
1022·4	+10	SW	2	ido	57	95	8	5	-	-	10	10	220	-	-
1023·0	+12	S	2	c	60	85	7	5	7	-	7-8	7-8	1500	0	*
1023·0	+10	S	1	no	58	85	5	5	7	-	9+	9+	4000	0	*
1022·9	+10	NW	3	bc	57	85	6	-	2	-	0	4-6	-	0	2
1022·6	+10	SSE	1	c	53	85	7	-	9	-	0	7-8	-	0	*
1021·5	+8	WSW	2	c	55	85	4	7	-	-	7-8	7-8	1500	0	2
1020·0	+4	E	1	c	54	85	8	5	7	-	4-6	10	2500	0	1
1020·1	0	-	0	c	52	95	7	5	-	-	10	10	5700	0	*
1019·7	+4	-	0	dido	55	95	5	5	-	-	10	10	1500	-	*
1021·5	+2	SSW	3	c	54	95	7	5	3	-	7-8	9+	800	-	*
1021·4	+6	S	1	dido	59	95	7	5	-	-	10	10	800	-	1
1016·8	+2	SSW	4	o	57	95	6	5	2	-	7-8	10	1500	1	3
1014·8	-12	S	3	no	55	95	6	5	-	-	10	10	800	1	1
-	0	SW	2	c	51	85	8	8	2	-	7-8	10	2500	1	*
1019·8	0	SW	3	c	53	75	8	5	8	-	2-3	7-8	4000	0	1
1018·0	-4	SSE	4	c	52	95	8	5	3	-	4-6	9	1500	1	2
1017·8	+4	WNW	1	bc	53	85	8	8	-	9	2-3	4-6	1500	1	*
1019·9	+2	S	4	c	60	95	7	5	-	-	10	10	800	1	3
1018·1	+8	SW	3	c	61	95	8	8	-	-	9+	9+	800	0	1
1020·4	+10	SW	3	o	60	95	8	5	-	-	10	10	800	1	*
1022·5	+8	SW	1	c	60	95	7	5	-	-	10	10	2500	1	*
1024·6	+8	SW'S	2	c	60	95	6	5	-	-	10	10	220	1	2
1023·8	+12	SW	1	c	58	95	7	5	3	-	4-6	7-8	1500	1	1

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F.	Min. Night 18h–7h °F.	Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 24hr. Hrs.
68	59	53	-	-	2·2
68	56	51	-	-	10·2
72	56	52	-	-	10·3
67	53	51	-	Tr	9·8
65	57	56	-	0·2	8·3
68	53	50	-	-	10·5
69	54	48	-	-	11·6
71	54	45	-	-	10·8
69	53	51	-	-	11·4
69	48	47	-	-	13·6
69	46	42	-	-	11·4
67	47	44	-	-	12·6
65	56	54	-	-	8·8
66	55	53	-	-	*
66	56	50	-	Tr	5·3
62	57	*	-	0·3	*
64	57	56	Tr	-	7·0
66	57	*	Tr	0·6	*
66	58	*	Tr	Tr	5·3
66	57	57	-	2	12·2
61	55	*	-	3	1·9
62	56	56	-	0·1	1·9
64	56	55	Tr	-	5·7
65	50	44	-	-	9·2
66	53	*	-	-	14·4
67	45	38	-	-	13·5
65	52	47	-	-	*
64	54	48	-	-	11·7
63	51	48	-	0·2	11·5
62	42	36	-	-	11·5
68	53	*	-	0·3	10·8
61	54	52	-	-	10·4
61	52	*	0·4	3	8·8
61	38	31	-	Tr	9·0
62	42	38	-	-	13·7
59	39	*	-	-	*
54	47	*	4	-	1·3
62	57	*	-	0·1	*
61	57	*	-	0·1	6·7
64	56	52	-	Tr	4·3
65	59	58	Tr	Tr	0·2
62	58	57	7	0·2	0·0
61	57	*	3	0·2	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bc	cy	c	68	59	53	-	-	9·2	*	*	7
Croydon	217	bbcy	bcy	cybcc	68	56	51	-	-	10·2	*	*	8
Greenwich (Royal Observatory)...	149	cy	cy	cyc2o	75	57	52	-	-	9·0	36	71	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	9·3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	69	58	52	—		9·4	44	70	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	69	58	54	-	-	9·5	54	60	*
Camden Square	110	bc	c	*	70	58	54	-	-	*	*	69	*
Kensington	80	bc	c	*	71	57	*	-	-	9·5	At 18h.	47	*
Hampstead Observatory	440	bc	b	bc	69	55	53	-	-	9·8	*	77	*

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

South Kensington. Max.	Time.	Min.	Time.
0·3	06-07h 22nd	<0·1	07-19h 21st

Kew Observatory. Max.	Time.	Min.	Time.
<0·1	whole period		

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1022·6	WNW	5	b	70
Brussels	1020·6	WNW	3	c	65
Berlin	1012·2	W	5	q	61
Zürich					
Rome	1010·2	SW	3	b	70

7h. G.M.T. 22nd. July.

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1025·9	WNW	2	c	59
1023·2	SW	2	c	61
1022·8	SW	2	c	59
1010·5	SE	2	c	79

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
*	54	*	-
*	52	*	-
68		3	
*	*	*	-
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 23rd July, 1935.
No. 26906

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1015.7	+4	–	0	c	69	65	8	5	–	–	10	10	4000
	Croydon ...	1015.6	+6	WNW	2	c	67	65	8	5	–	–	10	10	4000
	S. Farnborough	1015.5	+2	SSW	1	c	69	65	8	5	–	–	9+	9+	2500
	Boscombe Down	1015.4	+6	W'N	1	c	66	75	7	5	–	–	10	10	800
	Calshot (Sthmtn.)	1015.5	+6	SE	3	c	66	85	7	7	7	–	7-8	10	1500
	Lympne ...	1016.5	+6	S'W	2	c	64	75	8	5	–	–	9+	9+	4000
	Manston ...	1015.9	+6	SE	3	bc	65	65	8	5	–	–	4-6	4-6	4000
2	Shoeburyness ...	1015.9	0	S	2	c	68	75	7	5	5	–	9	9	4000
	Felixstowe ...	1015.1	+2	SSE	4	bc	67	65	8	7	–	–	2-3	2-3	4000
	Gorleston ...	1015.3	+4	SE	3	bc	65	75	7	1	–	–	4-6	4-6	4000
	Mildenhall ...	1014.9	+2	W	2	bc	69	55	8	7	8	–	4-6	4-6	4000
	Cranwell ...	1014.3	–2	WSW	3	bc	72	55	7	2	–	1	4-6	4-6	4000
3	Birmingham ...	1014.6	+2	WSW	2	bc	68	65	8	5	–	–	4-6	4-6	1500
4	Upper Heyford	1015.6	+4	W	2	c	67	75	8	5	–	–	10	10	2500
	Ross-on-Wye	1014.6	+8	NW'N	2	c	70	65	8	5	–	–	9	9	4000
5	Portland Bill ...	1015.5	+6	WSW	2	c	63	95	7	4	–	–	9	9	2500
	Plymouth ...	1015.8	+6	SSW	2	c	62	95	8	5	2	–	9	10	1500
	The Lizard ...	1016.5	0	W'N	1	c	62	95	7	5	2	–	7-8	10	1500
	Scilly (St.Mary's)	1017.3	+4	NWW	2	if	65	85	3	5	–	–	10	10	<150
	Guernsey ...	1016.2	+6	NNW	2	c	66	85	7	8	–	–	9	9	2500
6	Pembroke ...	1015.2	+2	WSW	1	bc	63	95	8	7	–	–	4-6	4-6	2500
7	Holyhead ...	1014.2	+6	SSW	3	bc	65	85	8	7	3	–	2-3	4-6	4000
	Chester(Sealand)	1014.5	+6	NNW	1	f_{go}	68	75	6	5	–	–	9+	9+	1500
8	Manchester ...	1014.8	+6	WNW	2	id_o	65	85	6	5	–	–	10	10	2500
10	Spurn Head ...	1014.0	+4	SSE	4	bc	65	75	7	–	7	1	0	4-6	–
	Catterick ...	1013.0	+2	W'S	3	c	67	75	8	5	4	–	7-8	7-8	2500
	Tynemouth ...	1011.6	+4	NW	2	c	63	75	6	4	–	–	9+	9+	4000
11	Inchkeith ...	1010.4	0	SW	1	c	62	85	7	5	–	–	9+	9+	1500
12	Leuchars ...	1010.0	–2	SW	3	c	66	85	6	8	3	–	7-8	9+	1500
	Renfrew (Abbots I.)	1010.3	+2	SW'S	3	c	68	75	8	8	–	2	9	9	2500
	Eskdalemuir ...	1011.8	+4	SW'S	4	id_o	59	95	4	5	–	–	10	10	<150
	Point of Ayre...	1013.2	+2	WSW	4	bc	74	65	8	1	–	4	2-3	4-6	1500
13A	Tiree	1017.8	+2	SW'S	5	c	61	95	7	5	1	–	7-8	9+	2500
13B	Stornoway ...	1014.2	+6	SSW	4	c/r	58	95	6	8	2	–	4-6	10	1500
15	Dalwhinnie ...	×	0	SW	4	c	62	85	7	4	2	1	4-6	9	450
..	Aberdeen ...	1018.1	–12	S'W	4	c	64	75	7	5	9	–	4-6	9	4000
16	Wick ...	1016.1	–8	SSE	3	ir_o	54	95	8	8	1	–	7-8	10	1500
	Lerwick ...	1016.7	–8	SW	3	c/r	52	85	7	8	2	–	7-8	10	800
17	Blacksod Point	1020.9	0	SW	4	c	66	75	8	5	–	–	10	10	1500
18	Malin Head ...	1019.6	+4	WSW	3	c	70	95	8	8	3	–	7-8	9	1500
	Aldergrove ...	1021.7	+6	SW'S	4	c	71	65	9	8	4	–	9+	9+	1500
19	Birr Castle ...	1023.7	0	WSW	2	c	71	75	8	8	–	–	9	9	2500
20	Valentia Obsy. †	1025.1	–2	SSW	4	c	69	85	8	5	3	–	4-6	7-8	800
	Roches Point	1025.2	+2	SW	2	c	63	85	9	7	–	–	7-8	7-8	1500

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1015.6	0	NW	1	c	71	65	8	5	–	–	9+	9+	4000	0	*
	Croydon ...	1015.4	+2	W'N	2	c	70	65	8	7	–	–	9+	9+	4000	0	*
	S. Farnborough	1015.7	+4	SSW	2	c	69	75	7	5	–	–	9	9	4000	0	*
	Boscombe Down	1015.7	+2	NW	2	c	67	75	6	5	–	–	9+	9+	1500	1	*
	Calshot (Sthmtn.)	1015.9	0	SW'S	2	c	68	75	7	5	–	–	7-8	7-8	4000	0	2
	Lympne ...	1016.6	+2	SW'S	2	b	67	65	8	–	–	1	0	1	–	0	ss 1
	Manston ...	1016.0	+2	SSE	3	c	67	65	8	5	1	–	7-8	7-8	2500	0	*
2	Shoeburyness ...	1015.8	–2	ESE	1	c	67	85	7	7	3	–	7-8	9	4000	0	*
	Felixstowe ...	1015.2	+2	S	4	c	66	75	7	5	3	–	9	9+	4000	0	2
	Gorleston ...	1015.4	–4	SE	2	bc	65	75	7	–	4	1	0	2-3	–	0	2
	Mildenhall ...	1015.1	0	W	1	c	72	65	8	5	3	–	4-6	7-8	4000	0	*
	Cranwell ...	1014.3	0	W'S	2	c	72	65	7	8	–	–	9+	9+	4000	0	*
3	Birmingham ...	1015.0	+2	SSW	2	c	69	95	8	7	–	–	9+	9+	4000	0	*
4	Upper Heyford	1015.7	0	WSW	2	bc	68	75	8	7	–	1	2-3	4-6	2500	0	*
	Ross-on-Wye	1014.7	+4	SW	2	c	69	75	6	5	–	–	9+	9+	4000	0	*
5	Portland Bill ...	1015.7	+4	WSW	2	c	63	95	7	5	–	–	10	10	2500	0	2
	Plymouth ...	1015.6	–2	N	2	c	72	65	8	5	–	–	7-8	7-8	2500	0	1
	The Lizard ...	1016.6	0	W'N	1	bc	64	85	8	8	–	–	2-3	2-3	1500	0	1
	Scilly (St.Mary's)	1017.4	–2	NW	1	bef_s	63	85	4	5	–	–	4-6	4-6	<150	0	1
	Guernsey ...	1016.3	0	–	0	c	66	85	8	8	–	–	9	9	2500	0	2
6	Pembroke ...	1015.4	0	W	2	F	59	95	1	5	–	–	10	10	<150	1	1
7	Holyhead ...	1014.5	+2	SSW	3	c	65	85	9	7	3	–	2-3	7-8	2500	0	2
	Chester(Sealand)	1014.7	0	NW	1	c	72	75	7	8	3	–	4-6	7-8	2500	0	*
8	Manchester ...	1014.6	–2	WNW	3	bc	70	75	8	8	3	–	2-3	4-6	2500	0	*
10	Spurn Head ...	1013.9	0	W'S	1	c	70	75	6	5	7	–	4-6	9	1500	0	1
	Catterick ...	1013.6	+4	W	4	bc	68	75	8	1	4	4	1	4-6	2500	0	*
	Tynemouth ...	1011.6	+4	W	2	bc	73	65	7	2	–	–	4-6	4-6	4000	0	1
11	Inchkeith ...	1010.8	–2	WSW	4	c	65	85	8	5	3	–	4-6	7-8	2500	0	2
12	Leuchars ...	1010.8	+2	W	4	bc	71	65	8	4	4	3	2-3	4-6	2500	0	*
	Renfrew (Abbots I.)	1010.6	0	SSW	4	c	69	75	9	8	–	4	9+	9+	4000	0	*
	Eskdalemuir ...	1011.4	+6	SW'S	4	c	65	85	8	5	–	1	7-8	7-8	1500	1	*
	Point of Ayre...	1013.1	0	SW	3	c	75	55	8	–	8	–	0	7-8	–	0	2
13A	Tiree	1018.0	+2	SW'S	5	c	61	95	7	5	–	–	9	9	2500	1	4
13B	Stornoway ...	1014.3	+2	SSW	5	id_o	59	95	6	6	2	–	7-8	10	1500	1	3
15	Dalwhinnie ...	×	+4	SW	5	c	64	75	8	4	1	4	2-3	7-8	2500	0	*
..	Aberdeen ...	1018.2	+6	SW	3	bc	73	55	8	5	4	–	4-6	4-6	4000	0	1
16	Wick ...	1015.2	–4	SSW	3	c	58	95	8	8	7	–	7-8	9	1500	1	2
	Lerwick ...	1015.7	–8	SW	4	rr	52	95	5	6	–	–	10	10	450	1	*
17	Blacksod Point	1021.2	0	SSW	4	c	62	85	8	5	–	–	10	10	1500	0	3
18	Malin Head ...	1020.0	+6	WSW	3	c	67	95	8	8	–	–	9+	9+	1500	0	1
	Aldergrove ...	1022.1	+6	SW'W	3	c	69	75	9	5	7	–	9	9+	2500	0	*
19	Birr Castle ...	1023.7	–4	WSW	2	c	73	65	8	5	–	–	9	9	2500	0	*
20	Valentia Obsy. †	1025.0	–2	S'W	4	bc	67	85	9	5	3	9	2-3	4-6	800	1	2
	Roches Point	1025.3	–2	WSW	2	bc	66	85	9	1	3	–	4-6	4-6	2500	0	2

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.–13h. 22nd (37)	Weather. 13h.–18h. 22nd (38)	Weather. 18h. 22nd to 1h. 23rd (39)	Weather. 1h.–7h. 23rd (40)
1	London (Kew)	c	C	C	cbw$_{mo}$
	Croydon ...	bcc	C	bcm$_o$	bcbw$_{mo}$
	S. Farnborough	bcc	C	C	c$_{mo}$
	Boscombe Down	c$_m$c	cm$_o$	cbm$_f$	CFc$_{mo}$
	Calshot (Sthmtn.)	c	cbcc	C	c$_{mo}$
	Lympne ...	bc	ebcb	bifFec	COc$_{mo}$
	Manston ...	bcyby	bcc	cbc	bccb
2	Shoeburyness ...	c	bcm$_o$c	C	bcbfc
	Felixstowe ...	bcyb	bcc	c-bz$_o$	bcz$_o$
	Gorleston ...	bz$_o$bc	bc	bc	cz$_o$
	Mildenhall ...	bc	C	C	C
	Cranwell ...	bccbc	bccyc	cbc	Dm$_{no}$
3	Birmingham ...	cbc	bcc	C	cbc
4	Upper Heyford	cvd_o	cbc	bcc	cm$_{no}$
	Ross-on-Wye	oc	C	cm$_o$bcD	bwcm$_o$
5	Portland Bill ...	c	c	c	C
	Plymouth ...	ccjpc	cbcc	cbbc	bccm$_o$
	The Lizard ...	jfd$_o$c	cbc	bxw.	bc c
	Scilly (St.Mary's)	Fcif	cifbc	ifffc	cif
	Guernsey ...	ofidm	cbcc	coow	CO
6	Pembroke ...	cbc	cm$_o$Feo	oFeFeo	OFEFEO
7	Holyhead ...	d$_o$c	bcc	cbc	bcO$_{mo}$
	Chester(Sealand)	cid$_o$	C	bc	bc$_{mo}$
8	Manchester ...	c$_m$c	d$_o$cbc	bccm$_o$	bm$_o$bc
10	Spurn Head ...	bc	bcc	czbcbw	bbc
	Catterick ...	bcc	cbc	bcbbc	bcwbc
	Tynemouth ...	cmc	cbc	bc	bc
11	Inchkeith ...	c	c	cbc	bcc
12	Leuchars ...	cm$_o$	cbc	bcbbw	bwbc
	Renfrew (Abbots I.)	c$_d$d$_o$c	C	C	C
	Eskdalemuir ...	d$_o$id$_o$	d$_o$m$_o$c	cCm$_o$	Cm$_o$
	Point of Ayre...	d$_o$obc	bcc	c	C
13A	Tiree	m$_o$idc	C	C	C
13B	Stornoway ...	cir$_o$	cid$_o$	obdbm$_o$	DTyC
15	Dalwhinnie ...	c	c	*	Ty
..	Aberdeen ...	bccd$_o$	cbc	bcb	bbc
16	Lerwick ...	cir$_o$	cir$_o$c	c	C
17	Blacksod Point	bccir$_o$	orrm$_o$	or$_o$r$_o$m$_o$	ff$_o$idm$_o$
18	Malin Head ...	c	c	dr	id
	Aldergrove ...	c	c	qp	cby$_o$
19	Birr Castle ...	ocbcc	cvc	c	C
20	Valentia Obsy. †	oc	c	C	C
	Roches Point	c/c	cbc	bc	OFEFE

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

* Sea disturbance reported from Dungeness.

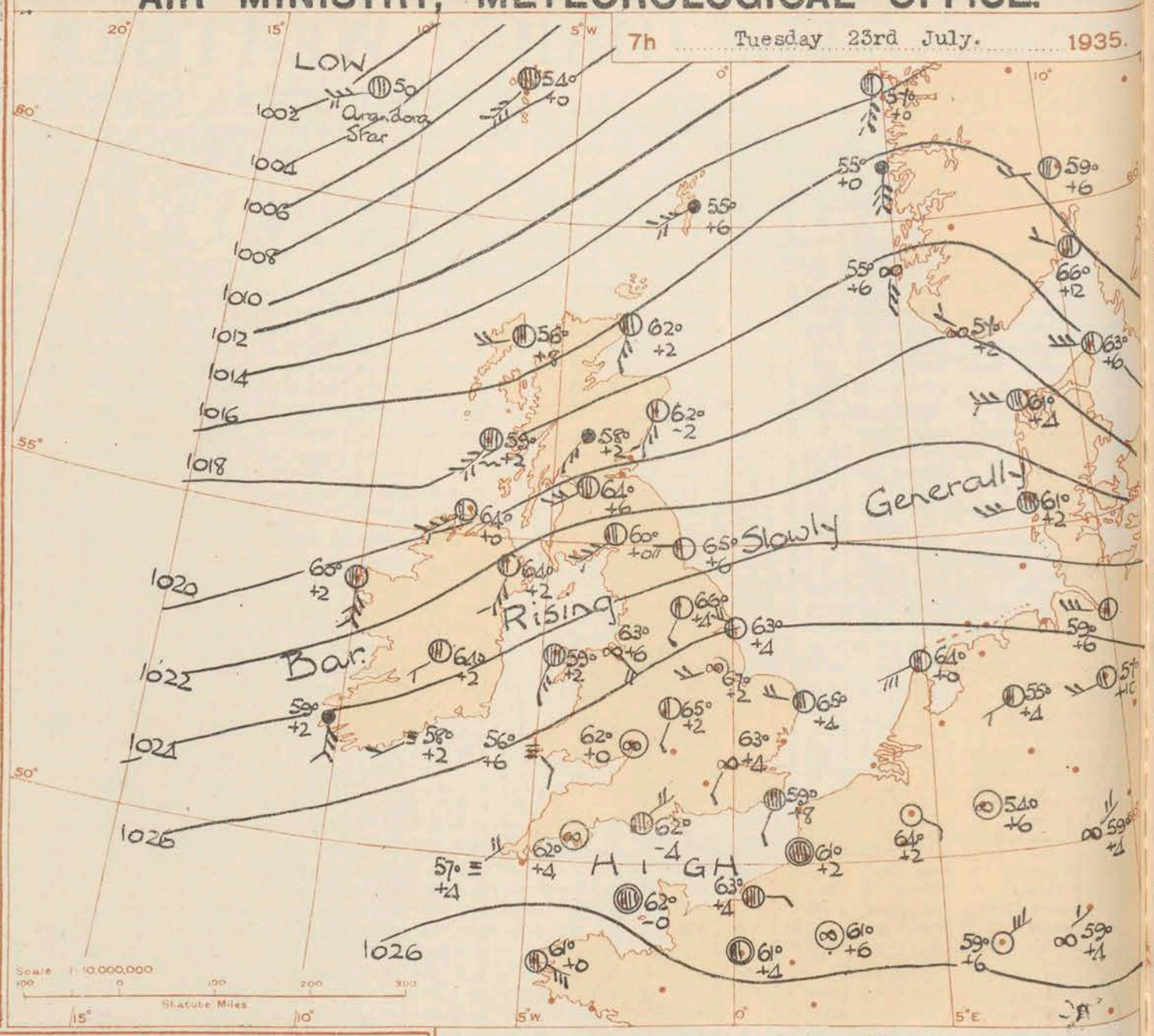
REPORTS from HEALTH RESORTS for 22nd July, 1935.

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.	o c b c	b c	50	71	—	—	1.6	11.3
	Bournemouth	c	o c o	52	70	0.5	—	0.3	6.2
	Ventnor ...	p o m o	o c b c	57	70	Tr	—	0.9	9.2
	Southsea ...	o	c b	58	69	—	—	1.1	9.3
	Bognor Regis	b c o c	c b c b	58	65	Tr	—	0.6	9.0
	Littlehampton	e r o c	c b c	58	65	—	Tr	1.2	10.6
	Worthing ...	c	c b c	50	65	—	—	2.7	10.6
	Brighton ...	b c c b c	c	58	66	—	—	4.8	10.5
	Eastbourne† ...	c b c c	c o c b	59	67	—	—	5.1	10.8
	Hastings† ...	c	c b c b	54	67	—	—	3.6	11.9
	Folkestone ...	b b c	c b c b	56	69	—	—	7.9	9.8
	Dover ...	c	c b	56	67	—	—	8.6	10.6
	Deal	b c o c	b c	54	69	—	—	7.0	10.2
	Ramsgate ...	b c	b c	54	68	—	—	8.2	13.0
	Margate ...	b c	c b c	59	68	—	—	11.2	14.0
2	Southend ...	o	o c	56	72	—	—	2.6	11.7
	Maldon ...	b b c	b b c	50	72	—	—	4.0	10.6
	Clacton-on-Sea	b b c	b c c	52	70	—	—	11.2	11.7
	Dovercourt ...	b c v	b c v b c	52	71	—	—	11.0	11.9
	Lowestoft ...	b	b	46	71	—	—	12.0	13.4
	Skegness ...	b c	b c p	47	71	—	—	11.5	14.6
	Mablethorpe...	b c b c	b c c	46	74	—	—	9.3	14.3
	Cleethorpes ...	b c	c	49	75	—	—	8.6	14.6
3	Leamington S.	o c	c	55	73	—	—	2.5	8.1
4	Cheltenham†	c o	o c q	58	72	—	—	0.9	5.7
5	Bath	c	c	57	69	Tr	—	0.1	6.9
	Weymouth ...	c	c	58	68	1	—	0.3	8.6
	Jersey ...	c r c	c b c c	58	70	1	—	2.0	13.5
	Torquay ...	c o	c o	58	68	—	—	2.1	7.8
	Penzance ...	d c	c b	59	72	1	—	4.0	5.6
	St. Ives ...	f c	c	58	65	—	—	2.9	5.8
	Bude... ...	c	b c b	57	67	3	—	4.1	3.9
	Ilfracombe ...	c o	c b c c	59	67	5	—	3.3	4.5
6	Aberystwyth	d o c	b c	56	67	0.5	—	4.2	4.6
7	Llandudno ...	c	c b c b	56	71	Tr	—	3.4	6.1
	Colwyn Bay...	o	p c b c b	54	74	—	—	3.1	4.9
	Rhyl	c	c b c	56	73	—	—	2.2	6.3
8	Wallasey ...	c o d o	c b c b	58	70	—	Tr	1.8	9.3
	Southport‖ ...	o d o	c b c b	55	70	1	Tr	2.3	11.6
	Blackpool ...	o d o	c b c b	54	68	0.1	0.1	2.3	12.5
	Morecambe ...	o d c	c b c	54	67	0.3	0.3	1.3	14.1
9	Ilkley... ...	b c c b c	b c c	47	69	—	—	2.3	12.2
	Harrogate ...	c b c	b c c	50	71	—	—	7.5	13.3
10	Berwick-on-T.	c b c	b c	45	71	—	—	2.9	15.0
11	Dunbar ...	b c	b c	47	74	—	—	2.3	13.2
12	Troon... ...	o d o c	c b c c	54	66	Tr	—	2.0	13.7
	Douglas ...	o m o c	c b b c	55	68	0.3	—	5.0	12.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday 23rd July. 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Light variable wind; cloudy, bright intervals; warm and close, local fog early morning.
7 North Wales ... 8 N.W. England	Light southwest wind, perhaps veering tomorrow; cloudy, local drizzle, especially later; warm and close.
9 N. Midlands ... 10 N.E. England	As 1 - 6.
11 S.E. Scotland	Moderate southwest wind, veering west later; fair today, some rain tonight and probably fair again tomorrow; warm and close today, cooler tomorrow.
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotld. B. N.W. Scotland.	Moderate southwest wind, veering west temporarily and falling light; cloudy, local drizzle, then a period of rain; fair tomorrow; close today, cooler tomorrow.
14 Mid Scotland	Light west wind, backing and freshening later; becoming fair today, occasional rain tomorrow; average temperature.
15 N. E. Scotland	As 12 - 13A
16 Orkneys and Shetlands	Light or moderate southwest to west wind; variable cloud, occasional local rain; warm today, cooler tomorrow.
17 N. W. Ireland	As 12 - 13A
18 N. E. Ireland	As 7 - 8.
19 S. E. Ireland	As 12 - 13A
20 S. W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2. 6212 2304 We 8081 D 8001 Gp 908 29162

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — Temperature is given in degrees F.
Weather Symbols. — Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 5/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
Sea Disturbance. Rough. High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A belt of high pressure covers Southern England and a feeble trough of low pressure near our northwest coasts is advancing slowly. Weather will be dry over most of England and somewhat unsettled elsewhere.

FURTHER OUTLOOK.

Fair and warm in Midlands, South and East of England, with less cloud; somewhat unsettled elsewhere, but fair periods.

Forecasts issued at 1000 G.M.T.

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

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

Morning of
TUESDAY
23rd JULY.
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 23rd July, 1935.

No. 26906

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

District	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility. 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
		(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1026·8	+·9	SW	2	bc	62	85	7	5	-	-	2·3	2·3	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1027·5	+2	NW'W	1	c	58	95	7	5	-	-	7·8	7·8	5700
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1025·9	0	SW'W	2	c	63	85	7	5	-	-	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1026·9	+6	NW	2	c	60	95	7	4	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1026·8	-2	NE'E	1	bc	59	95	8	1	-	-	2·3	2·3	4000
	Scilly (St. Mary's)	163	1027·2	-4	-	0	bfg	53	95	3	-	-	-	0	0	-
	Guernsey ..	175	1026·7	-2	-	0	c	60	95	8	6	1	-	4·6	7·8	2500
6	Pembroke ...	142	1026·9	0	S	1	F	58	95	1	-	-	-	10	10	-
7	Holyhead ...	26	1025·0	-2	S'W	3	bc	59	95	8	5	-	-	4·6	4·6	4000
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1025·3	+2	WSW	3	b	61	95	6	-	-	-	0	0	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1023·1	+4	W	2	bc	61	85	7	2	-	-	2·3	2·3	2500
11	Inchkeith ...	190	1021·3	+6	SW	1	bc	61	85	8	5	-	-	2·3	2·3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1024·0	+4	W	3	c	69	75	8	4	3	-	4·6	7·8	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1014·4	+2	SW	4	do do	57	95	5	5	-	-	10	10	< 150
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015·3	+4	SSW	3	c	58	95	8	5	1	8	4·6	7·8	1500
16	Lerwick ...	156	1013·5	0	SW	5	rsq	55	95	5	6	-	-	10	10	450
17	Blacksod Point	18	1020·3	-4	S	5	id	60	95	7	6	-	-	10	10	800
18	Malin Head ...	52	1019·4	-8	S	3	c	64	95	9	8	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023·9	0	S	3	of	59	95	4	5	-	-	10	10	< 150
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb.	Change in 12 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1027·4	-6	SW	1	b	64	85	6	1	-	-	0	0	-	0	*
1027·1	+4	SSW	1	No	63	95	6	5	3	-	2·3	4·6	7200	0	*
1026·9	+6	-	0	No	63	95	5	5	2	-	4·6	10	4000	0	*
1027·2	+2	-	0	No	58	85	6	5	-	-	10	10	2500	1	*
1026·9	+6	E	2	No	64	95	6	5	7	-	9	10	800	0	1
1027·8	+8	SSW	1	c	59	95	7	5	-	-	9+	9+	4000	0	§1
1027·1	+6	SSW	1	b	65	75	7	5	-	-	Tr	Tr	5700	0	*
1027·0	+6	-	0	No	65	95	4	-	-	-	0	0	-	0	*
1026·7	+6	-	0	No	63	85	4	5	3	-	4·6	4·6	5700	0	1
1026·2	+4	W'N	2	c	65	85	6	5	-	-	9+	9+	2500	0	2
1026·3	+8	SW'S	1	No	66	85	6	5	-	-	9+	9+	4000	0	*
1026·0	+2	WSW	2	No	67	75	6	5	-	-	1	1	4000	0	*
1026·3	+2	SSW	1	Kc	65	75	6	-	3	-	0	2-3	-	0	*
1027·0	+6	W	1	No	63	95	6	5	3	-	9	9+	4000	0	*
1025·8	0	-	0	No	62	95	6	5	-	-	10	10	4000	0	*
1026·3	-4	NE	2	c	62	95	7	5	-	-	10	10	2500	0	2
1026·4	+4	-	0	No	62	95	6	5	-	-	10	10	2500	0	2
1026·3	+4	ENE	2	c	60	95	7	5	-	-	9+	9+	2500	0	2
1026·5	+4	ENE	2	b+	57	95	3	5	-	-	9+	9+	4150	1	-
1026·6	0	-	0	No	62	95	8	5	-	-	10	10	1500	0	1
1026·2	+6	SE	1	F	56	95	1	-	-	-	10	10	450	1	1
1025·1	+2	SSW	3	Kc	59	95	8	5	-	-	10	10	220	1	2
1025·6	+6	SE	2	No	63	85	6	5	-	-	7-8	7-8	4000	0	*
1025·7	+6	S	1	No	63	85	6	-	3	9	0	4-6	-	0	*
1026·0	+4	WNW	2	Kc	63	85	6	1	1	-	0	2-3	-	0	1
1024·7	+4	SSW	1	Kc	66	85	8	-	3	-	0	4-6	-	0	*
1023·2	+6	W	2	bc	65	75	6	2	4	-	2-3	4-6	2500	0	1
1020·7	0	SW	3	c	64	85	8	5	6	-	4-6	7-8	2500	0	2
1020·2	+2	WSW	3	bc	65	85	7	5	4	9	1	2-3	1500	0	*
1021·0	+6	SW'S	3	c	64	85	8	7	-	-	7-8	7-8	5700	0	*
1022·5	0	SW'S	4	c	60	95	6	5	3	-	4-6	7-8	800	1	*
1023·7	0	W	3	c	68	75	8	4	-	-	7-8	7-8	4000	0	2
1018·0	+2	SSW	5	o	59	95	7	5	-	-	10	10	2500	0	4
1015·6	+8	WSW	2	c	56	95	7	5	2	-	9+	10	1500	1	1
-	+2	SW	3	ir	56	85	6	3	2	-	7-8	7-8	800	1	*
1018·7	-2	SSW	4	Kc	62	85	8	7	3	-	1	2-3	2500	0	1
1016·0	+2	SSW	3	c	62	85	8	8	4	-	4-6	7-8	1500	0	2
1014·8	+6	SW	5	id	55	95	5	5	-	-	10	10	220	1	*
1020·2	+2	S	5	c	60	95	7	5	-	-	10	10	800	1	3
1019·4	0	SW	4	Kc	64	95	9	9	4	3	2-3	4-6	1500	0	1
1022·4	+2	SSW	4	c	64	85	8	5	7	-	9	9+	1500	0	*
1023·4	+2	SW	1	c	64	85	8	5	-	-	9+	9+	2500	0	*
1024·0	+2	S	4	id	59	95	5	5	-	-	10	10	<150	1	2
1025·5	+2	SW	1	F	58	95	1	5	-	-	10	10	<150	1	2

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F.	Temperature. Min. Night 18h–7h °F.	Temperature. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 22nd Hrs.
(31)	(32)	(33)	(34)	(35)	(36)
73	58	48	-	-	1·8
72	57	54	-	Tr	2·9
73	61	52	-	-	3·0
70	49	46	-	Tr	0·3
70	63	62	-	-	1·8
68	56	53	-	-	7·9
69	58	54	-	-	8·2
69	55	48	-	-	2·9
69	59	53	-	-	11·5
67	63	59	-	-	14·5
74	63	62	-	-	8·7
74	58	55	-	-	8·9
72	58	44	-	-	3·5
70	59	53	Tr	-	*
74	56	48	-	-	1·4
64	59	*	-	-	*
72	59	53	-	-	3·6
65	59	*	0·1	-	*
67	53	*	-	0·1	1·7
68	58	583	0·1	-	3·1
65	54	*	Tr	0·4	3·9
67	58	57	Tr	Tr	6·0
74	58	55	Tr	-	1·9
72	56	50	Tr	-	2·5
71	59	*	-	Tr	9·3
72	53	49	-	-	8·4
73	60	55	-	-	*
68	60	54	-	-	1·9
73	57	50	-	-	4·6
72	61	59	0·1	-	1·0
66	54	51	0·1	-	0·3
77	63	*	-	-	6·6
63	59	57	Tr	-	1·7
60	55	*	1	7	0·0
65	55	49	-	2	1·4
74	57	54	Tr	-	6·9
63	55	*	0·6	-	*5
55	51	*	2	3	4·8
66	59	*	-	1	*
70	62	*	-	Tr	0·9
75	63	60	-	-	3·4
75	61	56	-	-	3·4
69	58	58	-	Tr	5·4
68	58	*	-	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	c	c	cdwms	73	58	46	-	-	1·8	*	*	6
Croydon	217	bcc	c	bcwdw	72	57	54	-	-	2·8	*	*	6
Greenwich (Royal Observatory)...	149	c	cy	cdwms	76	55	47	-	Tr	3·0	58	64	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	3·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	73	59	52	-	-	3·1	60	63	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	73	59	54	-	-	3·6	69	75	*
Camden Square	110	c	c	*	73	59	51	-	-	*	*	72	*
Kensington	80	bc	bc	*	72	58	51	-	-	3·3	At 18h.	59	*
Hampstead Observatory	450	bc	bc	c	71	59	51	-	-	4·0	*	79	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0·3	07h 23rd	0·0	15-17h 22nd.

Kew Observatory.

Max.	Time.	Min.	Time.
0·1	06h 23rd	<0·1	03h 23rd

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 22nd. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 23rd. 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	1026·2	NNW	1	o	68	1026·7	-	0	bz.	61	70	52	-	-
Brussels	1025·2	NNW	3	b	68	1027·4	ESE	1	b	64	73	48	-	-
Berlin	1016·9	NW	3	c	68	1024·4	NW	4	o	59	68	57	1	-
Zürich	1009·9	N	1	Kc	68	1024·2	-	0	b	55	*	*	-	-
Rome	1011·7	S	2	bc	75	1015·5	NNE	5	b	77	*	46	-	-

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.

† Later observations are from Valentia W/T Station.

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

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 24th July, 1935.

No. 26097.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base (feet) (14)	SUNSHINE Hrs. (36)
		22nd														
1	London (Kew)	1015.4	-12	SSE	1	c	75	55	7	7	–	–	9	9	4000	1.8
	Croydon ...	1015.1	-14	SSW	1	c	75	55	8	5	–	–	7-8	7-8	4000	2.9
	S. Farnborough	1015.2	-18	S	1	c	73	55	7	5	–	–	9	9	4000	3.0
	Boscombe Down	1015.6	-10	SE'S	1	3o	70	65	6	5	–	–	10	10	4000	0.3
	Calshot (Sthmtn.)	1015.8	-12	ESE	3	b	71	75	8	7	–	–	1	1	4000	1.8
	Lympne ...	1016.1	-10	SE	2	b	7X1	55	8	1	–	–	Tr	Tr	4000	7.9
	Manston ...	1015.7	-13	SE	3	bc	73	55	7	1	–	–	2-3	2-3	4000	8.2
2	Shoeburyness ...	1016.0	-10	ESE	2	b	76	75	8	1	–	–	1	1	4000	2.9
	Felixstowe ...	1015.7	-10	SSE	3	3o	72	65	6	–	4	–	0	1	–	11.5
	Gorleston ...	1015.7	-10	SE	3	bc	67	85	6	7	–	–	4-6	4-6	2500	14.8
	Mildenhall ...	1014.6	-14	S	2	c	81	45	7	7	–	–	7-8	7-8	4000	8.7
	Cranwell ...	1014.1	-14	WNW	2	c	81	45	8	2	–	–	7-8	7-8	4000	8.9
3	Birmingham ...	1014.7	-6	SSW	2	c	74	45	8	5	–	–	7-8	7-8	2500	3.5
	Upper Heyford	1015.4	-8	S	2	c	73	55	7	7	–	–	9+	9+	4000	*
4	Ross-on-Wye	1024.2	-12	SW'W	2	c	73	55	7	7	–	–	7-8	7-8	4000	1.4
5	Portland Bill ...	1015.5	-6	E	2	f	61	95	2	3	–	–	10	10	<150	*
	Plymouth ...	1015.3	-8	S	3	c	65	85	8	5	–	–	7-8	7-8	2500	3.6
	The Lizard ...	1015.2	-4	ESE	1	c	65	85	8	5	2	–	7-8	10	2500	*
	Scilly (St. Mary's)	1015.7	-2	SE	2	c	67	75	7	5	–	–	10	10	2500	1.7
	Guernsey ...	1015.4	-6	ENE	1	bc	68	75	8	1	–	1	2-3	2-3	2500	3.1
6	Pembroke ...	1024.7	-8	S'E	1	c	6X2	95	8	7	–	–	9+	9+	4000	3.9
7	Holyhead ...	1024.4	-6	SW'S	3	c	65	85	9	7	–	–	9+	9+	4000	6.0
	Chester (Sealand)	1024.3	-6	NW	1	c	75	55	8	7	3	–	7-8	9	4000	1.9
8	Manchester ...	1024.0	-10	WSW	2	c	78	45	8	8	3	–	4-6	7-8	4000	2.5
10	Spurn Head ...	1024.6	-4	SSE	4	bc	69	75	6	5	7	–	2-3	4-6	800	9.3
	Catterick ...	1023.1	-10	W'S	2	c	75	65	8	7	7	–	4-6	9	4000	8.4
	Tynemouth ...	1021.7	-9	W	3	bc	76	55	7	2	–	–	4-6	4-6	2500	*
11	Inchkeith ...	1019.9	-4	SW	4	c	68	65	8	8	–	3	4-6	7-8	2500	1.9
	Leuchars ...	1020.0	+2	SW	4	c	71	65	8	8	3	–	7-8	9+	4000	4.6
12	Renfrew (Abbotsl.)	1020.3	-6	SSW	4	bc	72	63	8	8	6	–	4-6	4-6	2500	1.0
	Eskdalemuir ...	1021.3	-4	SW'S	5	c	68	75	8	8	3	–	4-6	7-8	2500	0.3
	Point of Ayre ...	1023.1	-2	SW	4	c	76	55	8	2	7	–	Tr	9+	4000	6.6
13A	Tiree	1019.9	+8	W	3	bc	56	95	6	6	2	–	4-6	10	1500	1.7
13B	Stornoway ...	1017.3	+6	W	3	c	57	75	8	5	7	–	4-6	9+	1500	0.0
15	Dalwhinnie ...	×	0	SW	4	bc	67	75	7	4	6	–	4-6	4-6	800	1.4
	Aberdeen ...	1017.8	-6	SW	4	bc	78	45	8	7	3	9	4-6	4-6	4000	6.9
	Wick ...	1017.0	+10	NE	3	c	55	95	8	5	1	–	8-6	7-8	1500	*5
16	Lerwick ...	1016.1	+4	SW	5	c	57	85	8	5	2	–	4-6	9	1500	4.8
17	Blacksod Point	1021.4	+2	N	3	Dr	57	95	6	6	–	–	10	10	800	*
18	Malin Head ...	1020.6	+6	W'S	4	c	62	95	8	9	–	–	9+	9+	800	0.9
	Aldergrove ...	1021.9	0	SW	4	c	68	75	9	8	–	–	9+	9+	2500	3.4
19	Birr Castle ...	1023.4	0	SW	1	c	70	65	8	8	–	–	9+	9+	2500	3.4
20	Valentia Obsy.†	1024.3	+2	3	3	c	62	95	6	5	–	–	9+	9+	450	5.4
	Roches Point	1025.1	+2	S	2	c	64	95	9	7	–	4	4-6	7-8	1500	*

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather (19)	Temp. °F. (20)	%Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1013.6	-14	S'E	2	bc	76	55	7	1	–	1	1	4-6	7200	0	*
	Croydon ...	1013.6	-10	SW'S	1	bc	74	55	8	1	–	–	2-3	2-3	4000	0	*
	S. Farnborough	1013.5	-10	–	0	bc	74	65	7	1	–	–	2-3	2-3	4000	0	*
	Boscombe Down	1013.5	-8	SE	2	3o	71	65	6	5	–	–	4-6	4-6	2500	0	*
	Calshot (Sthmtn.)	1013.8	-6	E'S	1	b	69	75	8	–	–	–	0	0	–	0	1
	Lympne ...	1014.3	-6	SE'E	2	b	71	55	7	–	–	–	0	0	–	0	1
	Manston ...	1014.4	-8	ENE	3	b	72	55	7	–	–	8	0	1	–	0	*
2	Shoeburyness ...	1014.2	-10	E'S	2	b	70	75	8	–	–	–	0	0	–	0	*
	Felixstowe ...	1014.4	-6	E	2	b	69	75	7	–	–	–	0	0	–	0	1
	Gorleston ...	1014.3	-4	SSE	3	bc	70	75	6	5	–	–	4-6	4-6	2500	0	5
	Mildenhall ...	1013.5	-4	S	1	bc	76	55	7	7	3	–	2-3	2-3	4000	0	*
	Cranwell ...	1013.0	-2	SSW	2	bc	78	45	7	2	–	–	4-6	4-6	4000	0	*
3	Birmingham ...	1013.4	-6	SSW	2	c	73	55	8	5	–	–	7-8	7-8	4000	0	*
	Upper Heyford	1013.4	-10	SW	2	bc	76	55	7	7	–	–	2-3	2-3	4000	0	*
4	Ross-on-Wye	1022.7	-6	SW	2	c	73	55	7	5	–	–	9+	9+	4000	0	*
5	Portland Bill ...	1013.5	-12	E	2	f	58	95	2	5	–	–	10	10	<150	1	2
	Plymouth ...	1013.7	-6	S	2	bc	64	85	8	4	–	–	2-3	2-3	2500	0	0
	The Lizard ...	1014.3	-4	–	0	c	65	85	8	5	2	–	7-8	9+	1500	0	1
	Scilly (St. Mary's)	1014.6	-6	N'E	1	c	64	85	7	5	–	–	10	10	4000	0	1
	Guernsey ...	1013.7	-10	ENE	2	m	65	85	4	–	1	–	0	2-3	–	0	1
6	Pembroke ...	1013.6	-6	NW	2	c	62	95	7	5	–	–	9+	9+	4000	0	1
7	Holyhead ...	1013.4	-8	SW'S	3	bc	63	85	9	5	–	9	1	4-6	2500	0	2
	Chester (Sealand)	1013.6	-4	NW'N	3	c	68	75	8	7	3	–	4-6	7-8	4000	0	*
8	Manchester ...	1013.4	+2	NW'N	X3	bc	71	65	8	7	3	9	2-3	4-6	4000	0	*
10	Spurn Head ...	1021.7	-6	SSE	5	bc	66	85	6	5	7	–	2-3	4-6	2500	0	4
	Catterick ...	1021.4	0	WNW	3	bc	75	55	8	–	4	9	0	4-6	–	0	*
	Tynemouth ...	1021.5	-2	W	2	bc	75	55	7	2	6	–	4-6	4-6	1500	0	1
11	Inchkeith ...	1019.9	0	SW	4	c	65	75	8	8	–	–	7-8	7-8	2500	0	3
	Leuchars ...	1019.9	+2	SW	4	c	70	75	7	8	3	–	4-6	7-8	2500	0	*
12	Renfrew (Abbotsl.)	1021.3	+14	SSW	2	r	62	95	8	6	–	–	10	10	800	1	*
	Eskdalemuir ...	1021.7	+4	SW	3	c	53	85	8	5	3	–	4-6	10	1500	1	*
	Point of Ayre ...	1022.7	-6	W	4	c	58	75	8	4	4	–	7-8	7-8	4000	0	2
13A	Tiree	1021.5	+8	W'N	3	c	57	85	7	5	7	9	2-5	7-8	2500	1	5
13B	Stornoway ...	1018.7	+6	SW	3	c	58	75	8	8	1	–	4-6	9	1500	1	1
15	Dalwhinnie ...	×	+14	SW	3	c	56	85	8	3	2	–	7-8	10	1500	1	*
	Aberdeen ...	1018.7	+10	WSW	2	c	71	65	8	9	9	–	4-6	9	1500	0	1
	Wick ...	1018.1	+12	W	2	c	58	85	8	8	7	–	7-8	10	1500	1	2
16	Lerwick ...	1016.6	+2	WSW	4	c	54	88	8	8	7	–	4-6	10	1500	1	*
17	Blacksod Point	1024.4	+10	N'W	3	bc	58	65	8	2	4	2	2-3	4-6	1500	1	2
18	Malin Head ...	1022.7	+14	NW'W	3	c	56	95	7	8	–	–	10	10	800	1	1
	Aldergrove ...	1023.1	+16	N	1	pr	61	95	8	5	2	–	9	9+	1500	1	*
19	Birr Castle ...	1023.3	-2	SW	1	c	69	75	8	8	–	–	9+	9+	2500	1	*
20	Valentia Obsy.†	1024.6	+4	S	2	o/d	62	95	7	5	–	–	10	10	450	1	2
	Roches Point	1024.1	-6	SW	2	bc	67	85	9	5	3	4	4-5	4-6	2500	0	1

PAST 24 HOURS.

Weather 7h.—18h. 23rd. (37)	Weather 18h.—23h. 23rd. (38)	Weather 23h. to 1h. 24th. (39)	Weather 1h.—7h. 24th. (40)
bc3oc	bc	b2ow	bwz
bc cmo	cbcy	by3mw	bmaw
cmocz	cycbc	bcbmsph	bF
cmbz	cybc3o	bcwo	cbmo
cmbcb	b	bbwmo	bwmo
cby	by	b	bwbmo
bcby	by	bcb	bcbwo
bmb	b	b	bwm
bc3obo	byob	b	bzwwbo
c3o3o	bcc3o	bc3ob	bbcz
cbc	bc	cbc	bc
blbc	bc	bcc	cmo
cbc	bcc	cbc	bc
cmbbc	cbcy	bcybo	bcmo
c	cybcy	cbmo	bcc
cff	cff	bcb	b
cmo	cbc	bcb	bw
c	c	cbc	bcw
cifc	c	co	ocbcb
ocbc	bcb	bcmbw	b
bcc	bcmo	bccF	
cbc	bccc	cmoc	
cpr	c	cbc	bc-o
bcc	cybcy	bcbc	bccb
bc	bc	cbcw	bcc
c	c	cbbc	bc
bbcc	cq	cbwbc	
cbc	pr	cwc	cwc
cbcc	cc	bcwbc	bcw
c	c	cbbd	ocbc
cir2d	cirlc	cbc	bc
cpr	c	cpr	c
ir	ir	c	c
bc	cbcw	cpr	cbcb
bcc	cybcy	bcbc	bccb
bc	bc	bc	bcc
c	c	cbbc	bc
bbcc	cq	cbwbc	
cbc	pr	cwc	cwc
cbcc	cc	bcwbc	bcw
c	c	cbbd	ocbc
cir2d	cirlc	cbc	bc
cpr	c	cpr	c
cbc	cbcw	cbbc	cbcb
bcc	cybcy	bcbc	bccb
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.
ip, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⌐ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —. has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† See disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 24th July, 1935.

REPORTS from HEALTH RESORTS for 23rd July, 1935.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. to 9h.	Temperature. Max. 9h.—17h.	Rainfall. Night 17h. to 9h.	Rainfall. Day. 9h.—17h.	Sunshine. Sunrise to 17h.	Sunshine. Sunrise to Sunset.
1	Tunbridge W.	omoc	bcb	60	79	—	—	2.5	2.4
	Bournemouth	o	b	58	70	—	—	6.0	0.3
	Ventnor ...	obcm	bcmb	59	67	—	—	5.3	1.2
	Southsea ...	ocb	b	60	71	—	—	7.0	2.1
	Bognor Regis	cbc	bcb	59	66	—	—	5.5	1.2
	Littlehampton	cbcb	b	60	68	—	—	7.8	2.9
	Worthing ...	b	b	58	67	—	—	7.9	2.9
	Brighton ...	bcb	b	58	69	—	—	8.0	4.8
	Eastbourne† ...	b	bvy	55	71	—	—	8.1	5.7
	Hastings† ...	b	b	57	73	—	—	10.5	4.6
	Folkestone ...	b	b	59	76	—	—	10.1	9.9
	Dover ...	b	by	60	74	—	—	10.5	9.9
	Deal	b	b	60	77	—	—	11.4	8.1
	Ramsgate ...	b	b	61	72	—	—	11.7	8.3
	Margate ...	bc	bcb	61	75	—	—	11.4	11.4
2	Southend ...	bz	b	60	80	Tr	—	11.1	2.6
	Maldon ...	bc	bc	53	77	—	—	7.5	4.0
	Clacton-on-Sea	bzb	b	59	73	—	—	10.9	11.2
	Dovercourt ...	bcz	b	58	74	—	—	8.4	11.1
	Lowestoft ...	bc	bc	60	74	—	—	6.1	14.4
	Skegness ...	bcb	b	58	76	—	—	11.6	11.5
	Mablethorpe...	bcbbcy	bcbbc	55	78	—	—	11.0	9.3
	Cleethorpes ...	bc	bc	56	81	—	—	11.0	8.6
3	Leamington S.	oc	c	61	78	—	—	2.2	2.5
4	Cheltenham†	moc	czoc	60	76	—	—	0.9	1.1
5	Bath	bcc	cbc	59	77	—	—	2.7	0.6
	Weymouth ...	cbcf	bcf	58	67	—	—	5.7	0.3
	Jersey ...	bcb	b	60	75	—	—	8.7	4.0
	Torquay ...	czoc	b	61	67	—	—	5.5	2.1
	Penzance ...	c	c	54	68	—	—	0.3	6.5
	St. Ives ...	c	c	53	67	—	—	0.2	6.2
	Bude... ...	c	c	52	69	—	—	0.9	6.4
	Ilfracombe ...	cbc	bcco	57	69	—	—	4.3	5.3
6	Aberystwyth	bc	bcc	56	68	—	—	4.3	6.6
7	Llandudno ...	cbcc	cbcb	61	73	—	—	5.9	4.9
	Colwyn Bay...	cbcc	bcb	64	76	—	—	5.7	4.4
	Rhyl	c	cbc	61	74	—	—	3.6	4.0
8	Wallasey ...	c	cbcc	62	75	—	—	4.0	3.8
	Southport‖ ...	cbcc	cbc	59	74	—	—	5.2	4.6
	Blackpool ...	c	bcc	59	72	—	—	6.5	4.1
	Morecambe ...	bc	b	58	71	—	—	6.0	3.7
9	Ilkley... ...	bbc	bcb	52	78	—	—	6.4	3.3
	Harrogate ...	b	b	58	76	—	—	7.9	9.6
10	Berwick-on-T.	bc	cbcc	58	74	—	—	10.0	4.2
11	Dunbar ...	bc	bc	60	76	—	—	9.5	3.8
12	Troon... ...	cbc	cbc	60	67	—	—	4.9	2.1
	Douglas ...	cb	cbbcq	57	68	—	—	4.1	5.8

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

Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England	Light to moderate northeast wind; fair; close and warm or very warm today, somewhat cooler and distinctly less close tomorrow.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Moderate to light north to northeast wind; cloudy, becoming bright; cooler.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light variable wind; fair or fine; rather warm.
13 {A. W. Scotld. B.N.W. Scotland.	Moderate west to southwest wind; cloudy or variable sky, a few scattered showers; average temperature.
14 Mid Scotland 15 N. E. Scotland	Moderate to light west wind; fair or fine; rather warm.
16 Orkneys and Shetland	As 13B.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 11 - 13A.

*Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. Temperature is given in degrees F.
Weather Symbols.— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 1/5 clouded. Sky 1/5 to 1/2 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 large anticyclone centred to west-south-west of Ireland is spreading northeast. Weather will be fair practically everywhere. A somewhat cooler northerly wind is spreading slowly over England and Wales.

FURTHER OUTLOOK.

Fair or fine for a few days.

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. 212 2304 W. 8081 D. 6001 Gp. 808 29760 1/35

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

Morning of
WEDNESDAY
24th JULY.
1935.

Clarke's Projection Scale 1·4 x 10⁷ along meridian at 55°N
Statute Miles 0 1 2 3

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 24th July, 1935.

No. 26097.

OBSERVATIONS at 1 hr. G.M.T. 24th 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	10236	-4	S'W	1	3o	57	85	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	10242	-2	ENE	3	b	62	75	7	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	10239	-4	SE	2	b	61	95	6	-	-	-	0	0	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	10230	-6	NE	3	b	61	95	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	10237	0	N	3	bc	58	95	8	7	4	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	10244	-4	NEN	2	0	60	95	7	5	-	-	10	10	1500
	Guernsey ..	175	10234	-8	NEE	1	b	57	95	6	-	-	-	0	0	- .
6	Pembroke ...	142	10246	0	N	2	bc	57	95	7	5	-	-	4-6	4-6	2500
7	Holyhead ...	26	10244	0	SW'S	2	c	57	95	6	5	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	10233	+2	NW	3	bc	63	95	6	5	7	-	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1023.0	+4	W	1	bc	63	85	7	4	-	-	4-6	4-6	4000
11	Inchkeith ...	190	1023.1	+16	W	3	bc	55	95	8	4	3	-	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	10245	+10	NNW	4	do do	58	95	7	6	-	-	10	10	1500
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021.6	+12	WNW	3	c/pr	53	85	8	8	6	-	7-8	7-8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1020.9	+6	W	3	c	52	85	8	8	1	-	7-8	9	1500
16	Lerwick ...	156	10165	+2	WSW	5	c	52	95	7	8	2	-	4-6	9	1500
17	Blacksod Point	18	1027.0	+10	NW	3	bc	52	85	8	4	-	-	2-3	2-3	1500
18	Malin Head ...	52	10251	+4	NW	3	c	55	85	8	8	-	-	9	9	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1026.6	+10	NNW	4	bc	57	95	7	5	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1024.3	+8	-	0	N	62	85	4	-	-	-	0	0	-	0	*
1023.7	+2	-	0	No	63	85	6	-	-	-	0	0	-	0	*
1024.1	+4	-	0	b/f	58	95	4	-	-	-	0	0	-	0	*
1024.0	+2	-	0	No	61	85	6	-	-	-	0	0	-	-	*
1023.6	+6	NE	2	No	63	85	6	-	-	-	0	0	-	-	-
1024.1	+6	NE	-	b	66	75	6	-	-	-	0	0	-	0	§ 0
1024.0	+8	E	-	No	67	75	6	5	3	-	2-3	2-3	4000	0	*
1024.2	+4	E	-	b	67	85	6	-	-	-	0	0	-	0	*
1023.8	+8	E	-	No	67	75	6	-	-	-	0	0	-	0	0
1024.4	+6	S	2	bc	62	85	6	-	-	-	0	2-3	-	0	2
1023.9	+2	-	0	bc	64	85	6	5	5	-	2-3	4-6	4000	0	*
1024.8	+6	SW	2	No	64	75	6	5	-	-	9+	9+	4000	0	*
1025.7	+8	SW	3	No	62	85	5	-	3	-	0	4-6	-	0	*
1024.9	+10	N	3	bc	64	85	6	5	-	-	4-6	4-6	4000	0	*
1024.5	+6	SW	-	No	63	85	6	5	-	-	7-8	7-8	4000	0	*
1023.2	+2	NE	2	b	67	85	7	-	-	-	0	0	-	0	2
1023.5	+2	NE	-	bc	63	85	7	-	3	-	0	2-3	-	0	-
1024.1	+4	NE	3	bc	63	85	8	7	-	-	2-3	2-3	4000	0	-
1024.9	+4	NE	3	b	62	95	8	5	-	-	1	1	4000	0	2
1023.2	-2	NE	3	b	61	85	7	-	-	-	0	0	- -	0	2
1024.7	+10	NE	3	cir	57	95	7	5	-	-	2+	2+	2500	0	1
1027.1	+20	N	4	c	57	85	7	5	2	-	4-6	10	4000	0	2
1026.2	+12	NW	2	ido	61	95	6	5	-	-	10	10	450	0	*
1025.6	+12	NW	1	ido	62	95	5	5	-	-	10	10	1500	0	*
1024.7	+6	NW	1	c	64	85	6	5	2	-	7-8	9+	1800	0	1
1025.3	+14	-	0	c	62	95	8	5	7	-	7-8	10	1500	0	*
1025.8	+20	N	3	c	56	85	7	4	-	-	7-8	7-8	4000	0	1
1026.0	+14	WSW	2	bc	52	95	6	5	4	-	2-3	4-6	1500	0	1
1026.1	+10	W	3	bc	54	75	9	-	3	4	0	4-6	-	1	*
1026.6	+14	WSW	1	c	57	75	8	8	-	6	4-6	7-8	2500	1	*
1026.2	+12	NNE	2	bc	56	75	8	5	-	-	1	2-3	2500	1	*
1027.3	+20	N	4	bc	57	85	8	1	4	3	1	4-6	1500	0	2
1026.8	+20	W'N	2	bc	57	85	8	2	6	5	2-3	2-3	4000	0	2
1024.3	+16	SW	2	c	56	85	8	2	7	-	2-3	9	1500	1	-
	+18	SW	2	bc	52	85	8	4	-	-	4-6	4-6	2500	1	*
1025.2	+18	WSW	1	b	55	65	8	-	4	-	0	Tr	-	1	*
1023.5	+20	W/NW	3	c	55	85	8	5	7	-	4-6	7-8	1500	1	2
1019.8	+20	WSW	4	c/bc	53	85	8	8	7	-	2-3	4-6	1500	1	*
1030.3	+18	NW	3	c	57	85	8	4	-	-	2-3	7-8	1500	1	2
1027.7	+14	NNW	2	c	57	85	8	8	-	2	9	9+	1500	1	1
1028.5	+12	-	0	c	53	95	8	8	-	2	1	7-8	800	1	*
1029.1	+14	-	0	bc	51	95	8	-	-	2	0	4-6	-	0	*
1029.2	+12	NE	4	bc	57	75	9	7	4	1	2-3	2-3	1500	1	2
1027.3	+18	NNW	3	c	57	95	9	7	3	-	4-6	7-8	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 Hrs. (36)
1	London (Kew)	79	57	49	-	-	8.6
	Croydon ...	76	54	50	-	-	7.8
	S. Farnborough	77	49	41	-	-	2.7
	Boscombe Down	74	54	51	-	-	0.8
	Calshot (Sthmtn.)	73	57	52	-	-	0.3
	Lympne ...	74	58	54	-	-	11.3
	Manston ...	76	59	51	-	-	1.2
2	Shoeburyness ...	76	55	48	-	-	13.5
	Felixstowe ...	73	55	54	-	-	9.0
	Gorleston ...	71	59	58	-	-	7.4
	Mildenhall ...	81	57	53	-	-	5.4
	Cranwell ...	82	61	60	-	-	10.7
3	Birmingham ...	76	61	53	-	-	5.1
	Upper Heyford	76	59	49	-	-	*
4	Ross-on-Wye	77	56	47	-	-	2.7
5	Portland Bill ...	63	55	*	Tr	-	*
	Plymouth ...	67	57	49	-	-	7.2
	The Lizard ...	67	57	*	-	-	*
	Scilly (St. Mary's)	68	59	*	-	-	0.1
	Guernsey ..	69	56	53	-	-	11.2
6	Pembroke ...	64	54	*	-	Tr	4.8
7	Holyhead ...	66	56	56	-	-	4.3
	Chester (Sealand)	79	57	53	-	Tr	4.7
8	Manchester ...	80	52	47	-	Tr	8.8
10	Spurn Head ...	75	62	*	-	Tr	12.5
	Catterick ...	78	52	45	-	-	10.8
	Tynemouth ...	73	55	53	-	-	*
11	Inchkeith ...	69	50	46	-	01	8.8
	Leuchars ...	76	43	36	-	0.5	11.2
12	Renfrew (Abbotsl.)	73	46	41	2	-	5.6
	Eskdalemuir ...	71	49	48	Tr	-	7.8
	Point of Ayre ...	75	56	*	-	Tr	7.0
13A	Tiree	60	52	48	5	-	1.5
13B	Stornoway ...	60	55	*	0.1	0.2	0.9
15	Dalwhinnie ...	67	45	39	5	Tr	2.5
	Aberdeen ...	73	48	41	-	-	8.7
	Wick ...	69	47	*	3	-	*
16	Lerwick ...	57	50	*	Tr	Tr	1.2
17	Blacksod Point	61	50	*	5	Tr	*
18	Malin Head ...	68	52	*	1	0.1	1.9
	Aldergrove ...	71	45	39	1	3	2.2
19	Birr Castle ...	71	49	41	0.2	0.1	1.3
20	Valentia Obsy. †	65	56	53	Tr	0.6	0.1
	Roches Point	68	56	*	Tr	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (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 zc	bc	bz w	79	57	49	-	-	8.6	•	•	4
Croydon	217	bc c m	c b y	by z. b m	76	54	50	-	-	7.8	•	•	4
Greenwich (Royal Observatory)...	149	c z o y	c b z o y	b w m z	82	54	43	-	-	8.4	56	59	5
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	4.3	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	76	58	52	-	-	4.0	57	57	•
Regents Pk. (Botanic Gardens)‡...	168	•	•	•	77	58	53	-	-	4.9	65	86	•
Camden Square	110	c	c b c	•	79	57	56	-	-	•	•	72.	•
Kensington	80	c b c	b z	•	77	58	50	-	-	5.1	At 18h.	55	•
Hampstead Observatory	440	b c	b c	b	75	60	44	-	-	5.7	•	70	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.6	07h 24h.	<0.1	15-18h 23h.

Kew Observatory.

Max.	Time.	Min.	Time.
0.3	06h 24h.	<0.1	13-19h 23h.

FOREIGN OBSERVATIONS.

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

Stations	Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.
Paris	1021.4	NE	1	b	79
Brussels	1023.2	E	1	b	73
Berlin	1023.0	NNW	2	bc	70
Zürich	1020.9	E	1	b	72
Rome	1019	NNW	S	b	81

7h. G.M.T. 24th July.

Barom. mb.	Wind. Direc.	Wind. Force	Weather.	Temp. °F.
1021.1	ENE	2	b	66
1024.0	E/N	2	b	66
1022.1	NW	1	bc zo	66
1020.7	W	1	b	59
1018.7	ENE	3	b	75

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
81	54	-	-
75	57	-	-
73	61	-	-
•	•	54	-
*	*	64	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 25th July, 1935.

No. 23098

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 24th July. 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)	SUN-SHINE Hrs. (36)
1	London (Kew)	1025.5	-8	NNE	3	c	77	55	7	8	–	–	7-8	7-8	4000	8.6
	Croydon ...	1023.2	-10	NE'E	3	bc	79	45	7	1	–	–	4-6	4-6	4000	7.8
	S. Farnborough	1023.6	-6	ENE	2	3o	81	45	6	2	–	–	4-6	4-6	5700	2.7
	Boscombe Down	1023.3	-6	NE'N	3	3o	77	45	6	2	–	–	7-8	7-8	2500	0.8
	Calshot (Stlmtn.)	1023.4	-6	NE	3	3o	80	55	6	8	–	–	4-6	4-6	4000	9.3
	Lympne ...	1023.9	-2	NE'E	3	b	76	55	7	1	–	–	1	1	4000	11.3
	Manston ...	1024.1	0	NE	3	3o	71	65	6	1	–	–	Tr	Tr	4000	14.2
2	Shoeburyness ...	1024.3	-2	E	2	b	76	65	7	–	–	–	0	0	–	13.5
	Felixstowe ...	1024.4	-4	ESE	2	b	73	65	7	2	–	–	Tr	Tr	2500	9.0
	Gorleston ...	1025.6	+1	N	4	b	70	55	6	–	–	–	0	0	–	7.4
	Mildenhall ...	1024.2	-2	N'E	4	bc	76	55	8	7	–	–	4-6	4-6	4000	5.4
	Cranwell ...	1025.4	+2	NE'N	3	bc	72	65	8	8	–	–	4-6	4-6	4000	10.7
3	Birmingham ...	1025.5	-2	NNW	3	bc	73	55	6	1	–	–	4-6	4-6	2500	5.1
	Upper Heyford	1024.5	-6	NNE	3	bc	77	55	7	2	–	–	4-6	4-6	4000	*
4	Ross-on-Wye	1024.6	0	N	3	bc	73	55	8	1	–	–	4-6	4-6	4000	2.7
5	Portland Bill ...	1023.9	+4	SE	2	bc	74	65	7	4	4	–	2-3	4-6	2500	*
	Plymouth ...	1023.6	-2	NE	3	c	77	55	7	2	3	–	7-8	7-8	2500	7.2
	The Lizard ...	1024.1	0	ENE	3	bc	77	65	7	2	–	–	2-3	2-3	2500	*
	Scilly (St.Mary's)	1025.5	0	NNE	4	b	67	75	8	5	–	–	1	1	2500	0.1
	Guernsey ...	1023.2	0	NE'E	4	3o	69	65	5	–	–	–	0	0	–	11.2
6	Pembroke ...	1025.8	-4	NNE	4	bc	66	75	7	7	–	–	4-6	4-6	4000	4.8
7	Holyhead ...	1028.5	+1	N	3	bc	61	75	8	7	–	1	2-3	2-3	2500	4.3
	Chester(Sealand)	1027.7	+4	WNW	3	bc	65	65	8	7	3	1	1	2-3	2500	4.7
8	Manchester ...	1026.4	-2	WNW	3	bc	72	65	8	8	–	–	4-6	4-6	4000	8.8
10	Spurn Head ...	1026.4	+4	NE	5	bc	65	75	6	–	7	–	0	4-6	–	12.5
	Catterick ...	1026.9	-6	N'E	2	c	65	75	7	5	7	–	4-6	9	2500	10.8
	Tynemouth ...	1027.2	0	NNE	3	bc	60	75	8	1	–	1	2-3	2-3	4000	*
11	Inchkeith ...	1026.7	+2	WSW	2	bc	64	65	8	5	–	–	2-3	2-3	2500	8.8
	Leuchars ...	1026.7	-2	SW	2	bc	66	55	9	2	–	1	4-6	4-6	4000	11.2
12	Renfrew (Abbots L)	1027.4	+2	WNW	3	bc	66	45	9	1	–	1	4-6	4-6	4000	5.6
	Eskdalemuir ...	1026.3	-2	SW	2	bc	67	55	8	1	–	1	4-6	4-6	4000	7.3
	Point of Ayre...	1028.5	0	NW	3	bc	67	65	8	1	–	2	1	2-3	4000	7.0
13A	Tiree	1027.9	0	W	3	bc	62	75	8	2	–	1	2-3	2-3	4000	1.6
13B	Stornoway ...	1025.0	0	SW	4	c	59	65	8	8	7	–	7-8	9+	1500	0.3
15	Dalwhinnie ...	1027.1	+4	W	3	bc	62	55	8	1	–	–	2-3	2-3	4000	2.5
	Aberdeen ...	1026.1	+2	SE	3	bc	64	55	8	7	3	1	2-3	2-3	4000	8.7
	Wick ...	1025.0	+6	WNW	3	c	62	65	8	8	7	1	4-6	7-8	1500	*
16	Lerwick ...	1022.3	+6	WSW	4	c	56	85	8	8	7	9	4-6	7-8	1500	1.2
17	Blacksod Point	1030.3	+2	W	3	bc	62	65	8	2	3	3	2-3	4-6	4000	*
18	Malin Head ...	1029.3	+4	W'N	3	bc	60	75	8	1	–	1	2-3	2-3	2500	1.9
	Aldergrove ...	1029.2	+2	WNW	2	c	63	65	9	7	–	1	7-8	7-8	2500	2.2
19	Birr Castle ...	1029.3	0	NE	1	bc	66	55	8	4	–	–	4-6	4-6	2500	1.3
20	Valentia Obsy. †	1029.9	-2	N	4	b	64	65	9	1	–	1	Tr	1	2500	0.1
	Roches Point	1028.7	+6	SSE	2	bc	63	85	9	7	3	–	4-6	4-6	2500	*

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 18h. G.M.T. 24th July. 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)	1024.0	+6	NE	4	c/pr	80	55	7	8	–	–	9+	9+	4000	0	*
	Croydon ...	1023.4	+6	ENE	3	c	76	45	6	7	3	–	7-8	9	4000	0	*
	S. Farnborough	1023.5	+4	NE'N	3	c	76	55	7	8	–	–	9	9	4000	0	*
	Boscombe Down	1023.1	0	NNE	2	b	77	45	7	7	–	–	1	1	4000	0	*
	Calshot (Stlmtn.)	1023.2	+2	ESE	1	3o	70	85	6	7	–	–	4-6	4-6	4000	0	§ 1
	Lympne ...	1024.0	+2	NNE	4	b	70	65	6	–	–	–	0	0	–	0	§ 1
	Manston ...	1024.1	+4	NNE	4	3o	67	75	6	–	–	–	0	0	–	0	*
2	Shoeburyness ...	1024.5	+4	ENE	3	b	69	95	8	–	6	–	0	Tr	–	0	*
	Felixstowe ...	1024.6	+2	NE	4	bc	70	75	7	5	3	–	Tr	2-3	5700	0	2
	Gorleston ...	1025.8	+4	N'E	4	bc	67	85	7	7	–	–	4-6	4-6	2500	0	2
	Mildenhall ...	1025.2	+10	NE	3	bc	71	65	8	7	–	–	4-6	4-6	4000	0	*
	Cranwell ...	1026.5	+8	NE	3	c	68	65	8	7	7	–	4-6	7-8	4000	0	*
3	Birmingham ...	1025.4	+2	NNE	3	3o	71	65	6	8	–	–	7-8	7-8	2500	0	*
	Upper Heyford	1024.4	+2	NE	3	bc	75	55	7	8	–	–	2-3	2-3	4000	0	*
4	Ross-on-Wye	1024.4	0	N'E	3	b	73	55	8	–	–	–	0	0	–	0	*
5	Portland Bill ...	1023.2	-6	W	2	bc	71	65	7	4	4	–	2-3	4-6	2500	0	2
	Plymouth ...	1023.5	0	S	1	3o	71	75	7	8	–	–	7-8	7-8	4000	0	0
	The Lizard ...	1024.0	+2	N'W	3	bc	71	75	7	7	–	–	2-3	2-3	4000	0	1
	Scilly (St.Mary's)	1025.7	+2	NNE	4	b	63	85	7	–	–	–	0	0	–	0	2
	Guernsey ...	1022.6	0	NE'N	3	b	70	65	6	–	–	–	0	0	–	0	2
6	Pembroke ...	1025.6	-2	NNE	5	9	62	75	7	5	1	–	2-3	4-6	4000	0	1
7	Holyhead ...	1028.2	-2	N	2	b	60	75	9	–	–	1	0	1	–	0	2
	Chester(Sealand)	1027.7	0	WNW	4	b	62	75	8	1	–	1	Tr	Tr	2500	0	*
8	Manchester ...	1026.7	+2	NW	3	b	67	65	8	2	–	5	Tr	Tr	4000	0	*
10	Spurn Head ...	1027.5	+4	NE	4	bc	63	55	8	5	1	–	1	2-3	2500	0	3
	Catterick ...	1027.3	+6	NE	3	b	63	75	9	–	3	–	0	1	–	0	*
	Tynemouth ...	1026.4	-4	E	2	bc	60	85	8	2	–	1	2-3	4-6	2500	0	1
11	Inchkeith ...	1026.2	-8	SW	2	c	65	55	8	7	–	7	4-6	7-8	2500	0	1
	Leuchars ...	1026.0	-6	WNW	2	c	70	55	9	1	4	6	1	7-8	4000	0	*
12	Renfrew (Abbots L)	1027.5	0	W	3	c	63	55	9	4	4	6	2-3	9	4000	0	*
	Eskdalemuir ...	1026.5	-2	WNW	2	bc	66	55	8	1	–	1	Tr	4-6	4000	1	*
	Point of Ayre...	1028.4	-2	NNW	3	b	63	75	8	–	–	9	0	1	–	0	2
13A	Tiree	1027.4	0	WSW	4	bc	59	75	8	7	6	6	2-3	2-3	4000	0	3
13B	Stornoway ...	1023.9	-6	SW	4	c	58	75	8	8	7	–	7-8	9+	1500	1	2
15	Dalwhinnie ...	A	-20	W	2	bc	58	65	8	1	–	2	1	2-3	4000	0	*
	Aberdeen ...	1025.7	-2	S	4	c	59	65	8	5	–	–	9	9	4000	0	1
	Wick ...	1024.7	-4	WNW	2	c	60	75	8	8	9	–	4-6	9	1500	1	2
16	Lerwick ...	1021.4	+4	WSW	4	c	53	95	7	5	2	–	7-8	9+	800	0	*
17	Blacksod Point	1030.3	0	NW	3	c	59	75	9	5	–	–	9+	9+	4000	0	2
18	Malin Head ...	1029.2	0	W	3	c	59	75	8	7	–	–	7-8	7-8	2500	0	1
	Aldergrove ...	1028.7	-2	NW	2	bc	65	65	8	7	–	8	4-6	4-6	2500	0	*
19	Birr Castle ...	1029.1	-6	NW	1	bc	70	55	8	1	–	–	2-3	2-3	2500	0	*
20	Valentia Obsy. †	1029.8	-4	NNW	4	b	63	75	9	1	–	1	Tr	1	2500	0	2
	Roches Point	1028.6	-2	S'E	2	bc	64	85	9	1	–	–	2-3	2-3	4000	1	1

DISTRICT.	STATIONS.	PAST 24 HOURS. WEATHER. 7h.—13h. (37)	13h.—18h. (38)	18h. 24 to 1h. 25th (39)	1h.—7h. (40)
1	London (Kew)	bzc	ccpr$_o$	cybz$_o$	bz$_o$
	Croydon ...	bcmbc$_{2o}$y	bcbbc	Cbc 3$_o$ bw	bbm$_o$om$_o$
	S. Farnborough	mbc$_{3o}$y	bc$_{3o}$by	y bcbw	bwbm$_o$
	Boscombe Down	bc$_{3o}$y	bcyby		bm$_o$
	Calshot (Stlmtn.)	bm$_o$bcy$_{3o}$	bcy$_{3o}$bz$_{3o}$	by bm$_o$	obcwb
	Lympne ...	bm$_o$by	byb	bmo W	bm$_o$wom$_o$
	Manston ...	bz$_{3o}$y	by bm$_o$	Obcmo	Obcmo
2	Shoeburyness ...	bm$_o$b	b	bbc	bcwc
	Felixstowe ...	bz$_{3o}$b	b	b-c-bw	bwc
	Gorleston ...	cbcy	bybcq	bcq	c
	Mildenhall ...	bc	bc	bf	obcfem$_o$
	Cranwell ...	c$_{3o}$cy	bcyc	cbm$_o$	bwfc
3	Birmingham ...	bcy	bcc	bcc	cbc
	Upper Heyford	bcy	bcy	bcyc	cbm$_o$w
4	Ross-on-Wye	bc	bcyoy	bcc b	cbc
5	Portland Bill ...	bc	bc	bcb	bz$_o$b
	Plymouth ...	bbccy	cbcyc$_{3o}$	c$_{3o}$b	b
	The Lizard ...	bc	bc	bc	bcb
	Scilly (St.Mary's)	bbcb	bbcb	bbc	bcb
	Guernsey ...	bcy	bcy	bwcb	bcb
6	Pembroke ...	cbc	bcq	bcq	bc
7	Holyhead ...	cbc	bcb	bw	bwb<
	Chester(Sealand)	oic$_o$bc	bv	b bm$_o$	bm$_o$w
8	Manchester ...	o$_c$cbc	bcbyb	bcc	bcm$_o$
10	Spurn Head ...	cbc	b	bc	cbcw
	Catterick ...	n$_o$om$_o$c	bcy$_{3o}$b	b bw	bcw bm$_o$
	Tynemouth ...	cbc	bc	bc	bc
11	Inchkeith ...	bc	bcc	cbc	bc c
	Leuchars ...	c	bcy	bcy b	b-c
12	Renfrew (Abbots L)	cbcvy	bcvvy	cyvbw	bwbcc
	Eskdalemuir ...	bcbcy	bcy	bcy bcw	bcw
	Point of Ayre...	bc	bc	bc	bc c
13A	Tiree	bc	bc	bcc	c
13B	Stornoway ...	cpr$_o$	c	cpr$_{3o}$q	cid$_o$
15	Dalwhinnie ...	bc	bc	*	c
	Aberdeen ...	bbcy	bcyc	cbc	bcwc
	Wick ...	bc	c	pr$_{3o}$ir	circ
16	Lerwick ...	bcc	c	brrmbc	orr$_{3o}$m$_o$
17	Blacksod Point	bc	bcc	c	c
18	Malin Head ...	cbc	bcc	c	c
	Aldergrove ...	bcwc	cbcy	bc	bcw
19	Birr Castle ...	bcy	bcy	bc	bcw
20	Valentia Obsy. †	bcbv	bv	bvb	bwbcc
	Roches Point	cbc	bc	bcbw	bwbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

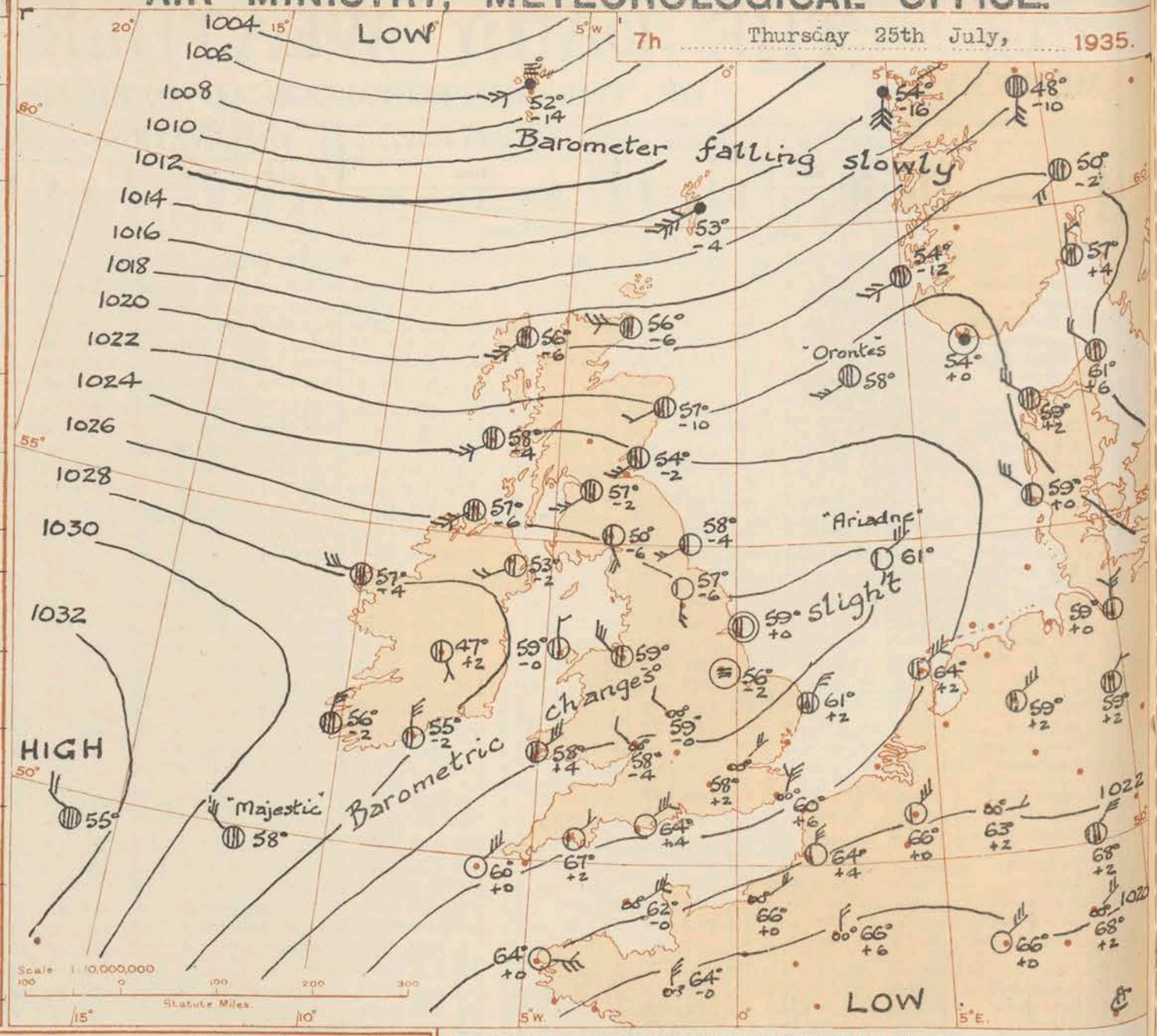
REPORTS from HEALTH RESORTS for 24th July, 1935.

Districts	Stations	Weather. Fore-noon.	Weather. After-noon.	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.	bbc	bcb	53	81	—	—	11.5	5.0
	Bournemouth	b	b	55	81	—	—	9.8	8.6
	Ventnor ...	bz	bz	61	78	—	—	11.4	7.1
	Southsea ...	b	bz.b	57	82	—	—	11.0	8.9
	Bognor Regis	b	b	59	79	—	—	11.9	7.5
	Littlehampton	b	b	58	81	—	—	12.0	10.4
	Worthing ...	b	b	59	78	—	—	11.8	10.7
	Brighton ...	b	b	60	81	—	—	11.3	10.4
	Eastbourne† ...	by	b	59	74	—	—	11.8	10.4
	Hastings† ...	bbc	bcb	60	78	—	—	12.0	12.5
	Folkestone ...	b	b	61	78	—	—	11.4	12.6
	Dover ...	yb	by	58	79	—	—	11.6	12.7
	Deal	b	b	53	75	—	—	11.4	13.8
	Ramsgate ...	b	b	62	72	—	—	11.3	13.9
	Margate ...	bcb	bbc	62	72	—	—	11.9	13.8
2	Southend ...	bz.	bz.	59	79	—	—	11.7	13.3
	Maldon ...	b	b	53	79	—	—	11.3	9.5
	Clacton-on-Sea	b	b	59	72	—	—	11.6	13.4
	Dovercourt ...	bz	b	55	74	—	—	11.8	10.3
	Lowestoft ...	b	b	56	75	—	—	10.6	7.9
	Skegness ...	bc	bcb	61	68	—	—	5.9	13.4
	Mablethorpe...	cbc	bcb	60	64	—	—	7.6	12.6
	Cleethorpes ...	bc	b	64	69	—	—	8.4	11.3
3	Leamington S.	bc	bcz	60	78	—	—	6.6	2.2
4	Cheltenham†	z.b	bbc	56	79	—	—	8.7	1.4
5	Bath	b	bbc	55	79	—	—	9.4	2.9
	Weymouth ...	b	b	57	79	—	—	11.2	8.0
	Jersey ...	b	b	60	79	—	—	12.0	11.2
	Torquay ...	bz.	bz.y	56	80	—	—	11.3	7.7
	Penzance ...	b	b	59	74	—	—	11.3	0.4
	St. Ives ...	b	b	58	66	—	—	8.6	0.8
	Bude... ...	cbc	bccb	54	74	—	—	7.8	1.4
	Ilfracombe ...	cbc	b	60	69	—	—	9.3	4.3
6	Aberystwyth	cybc	bc	57	67	Tr	—	6.7	4.3
7	Llandudno ...	c	bcb	57	64	—	—	4.7	7.6
	Colwyn Bay...	c	b	57	63	0.3	—	5.0	7.9
	Rhyl	c	cbcb	57	65	0.4	—	4.7	5.6
8	Wallasey ...	cbcb	b	60	66	—	—	8.6	4.3
	Southport‖ ...	b	b	61	69	—	—	9.0	6.5
	Blackpool ...	bc	bcb	60	66	—	—	10.2	8.5
	Morecambe ...	b	b	60	71	—	—	8.3	8.6
9	Ilkley... ...	bcc	cbc	52	72	—	—	2.5	8.1
	Harrogate ...	c	b	55	71	—	—	4.5	9.2
10	Berwick-on-T.	bc	bc	52	62	1	—	12.5	10.0
11	Dunbar ...	bc	bc	49	67	0.5	—	12.5	9.3
12	Troon... ...	rcbcc	cbc	51	65	1	—	11.1	4.9
	Douglas ...	bc	bcb	54	65	Tr	—	11.0	4.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday 25th July, 1935.



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. 25th July, 1935.
1 S.E. England 2 E. England ...	Light or moderate northeast wind; fine; rather warm.
3 E. Midlands ... 4 W. Midlands ...	Light variable wind; fine; rather warm.
5 S.W. England	Light or moderate northeast wind; fine; warm.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	As 3 - 4.
11 S.E. Scotland	Moderate west wind; fair; rather warm.
12 S.W. Scotland & Isle of Man.	Moderate west wind; cloudy, perhaps local drizzle later; average temperature.
13 A. W. Scotland B.N.W. Scotland.	Moderate or fresh west wind; cloudy, occasional drizzle or rain; average temperature.
14 Mid Scotland	As 12.
15 N. E. Scotland	Moderate or fresh west wind; variable cloud, occasional slight rain north of Moray Firth; rather warm.
16 Orkneys and Shetland	As 13.
17 N. W. Ireland 18 N. E. Ireland	As 12.
19 S. E. Ireland 20 S. W. Ireland	Light variable wind; fair; rather warm.

GENERAL INFERENCE.

An anticyclone is centred north of the Azores and an associated ridge extends over Ireland and England. A depression off East Iceland is moving east. Weather will be fair except in the extreme Northwest and North and will be bright over most of England.

FURTHER OUTLOOK.

Little change. Temperature tending to rise in the South.

Forecasts issued at 1040 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. 6212 2904 Wt.8081 D.600 Co.998 29760 7/35

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

Morning of
THURSDAY
25th JULY.
1935.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 25th July, 1935.
No. 26098

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1025·5	+2	NNE	3	b	62	85	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·5	-4	NNE	4	3o	61	95	6	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026·1	-4	N'E	4	bc	62	85	7	-	4	-	0	2-3	-
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1023·6	+4	NE	3	b	65	85	6	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1024·4	-2	N'E	4	bc	61	95	7	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1025·6	-4	NNE	4	bc	59	85	8	5	-	-	2-3	2-3	4000
	Guernsey ..	175	1022·9	-2	NE'E	4	b	62	85	6	-	-	-	0	0	-
6	Pembroke ...	142	1025·2	0	NE	5	4	57	85	8	5	-	-	2-3	2-3	4000
7	Holyhead ...	26	1027·7	-6	N	3	b	57	85	8	1	-	-	Tr.	Tr.	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1027·3	0	ENE	1	bc	57	95	8	5	7	-	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1026·4	-12	SW	1	bc	55	85	6	5	-	-	4-6	4-6	1500
11	Inchkeith ...	190	1025·9	-4	SW	4	bc	54	85	7	5	-	-	2-3	2-3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1028·4	0	NNW	2	b	57	85	8	4	-	-	1	1	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021·4	-8	SW	5	c	56	85	7	8	6	-	4-6	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021·5	-20	SW	3	ir	54	95	8	6	2	-	7-8	9	1500
16	Lerwick ...	156	1017·6	-24	SSW	6	c/r	53	85	7	8	2	-	7-8	10	800
17	Blacksod Point	18	1029·4	-6	W	2	c	55	85	8	5	-	-	9+	9+	1500
18	Malin Head ...	52	1027·4	-10	W	3	c	55	85	8	4	-	-	9	9	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1030·0	-14	N	3	b	55	95	9	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. 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)	1025·6	+4	E'N	3	b	62	75	6	-	-	-	0	0	-	0	*
	Croydon ...	1025·0	+2	NE	2	0z	58	95	5	5	-	-	10	10	450	0	*
	S. Farnborough	1025·1	+2	ENE	1	bz	61	85	6	1	-	-	2-3	2-3	1500	0	*
	Boscombe Down	1025·3	+4	N	1	bz	59	95	6	5	-	-	Tr	Tr	4000	1	*
	Calshot (Sthmtn.)	1024·2	+4	N'W	3	bz	63	85	6	-	-	-	0	0	-	0	1
	Lympne ...	1024·6	+6	N'E	4	0z	60	95	5	5	-	-	10	10	450	0	§3
	Manston ...	1024·4	+4	NNE	4	0z	61	95	5	5	-	-	10	10	450	0	*
2	Shoeburyness ...	1025·9	+3·4	NE	3	c	62	95	7	5	-	-	10	10	1500	0	*
	Felixstowe ...	1025·1	+2	NE'N	4	c	62	85	7	5	-	-	9	9	1500	0	2
	Gorleston ...	1025·6	+2	NE'N	3	c	61	85	7	5	-	-	9+	9+	2500	0	2
	Mildenhall ...	1026·0	+4	NE	1	o/F	56	85	5	5	-	-	10	10	450	0	*
	Cranwell ...	1026·6	-2	-	0	cf	56	95	3	7	-	-	9+	9+	4000	0	*
3	Birmingham ...	1026·6	0	NNW	1	cz	59	85	5	5	3	-	7·8	7·8	4000	0	*
	Upper Heyford	1026·1	0	N'E	3	bz	57	95	6	5	-	-	1	1	4150	0	*
4	Ross-on-Wye	1025·9	-4	N'W	4	bz	58	85	6	7	-	-	4-6	4-6	4000	0	*
5	Portland Bill ...	1024·0	+4	ENE	4	b	64	75	7	-	-	-	0	0	-	0	2
	Plymouth ...	1024·1	+2	NE	1	b	67	75	7	3	-	-	Tr	Tr	2500	0	0
	The Lizard ...	1024·1	+2	ENE	3	b	63	85	7	-	-	-	0	0	-	0	2
	Scilly (St. Mary's)	1024·9	0	NE'N	3	b	60	95	7	-	-	-	0	0	-	0	2
	Guernsey ..	1022·8	0	NE'E	4	bz	62	85	6	-	-	-	0	0	-	0	3
6	Pembroke ...	1025·3	+4	NE'N	3	bc	58	85	8	8·5	-	-	2-3	2-3	5700	0	2
7	Holyhead ...	1027·2	0	N	1	bc	59	75	9	-	-	6	0	4-6	-	0	1
	Chester (Sealand)	1027·0	0	WNW	3	bc	59	85	7	5	-	4	1	2-3	2500	0	*
8	Manchester ...	1026·5	0	SW'S	1	0z	55	95	5	5	-	-	10	10	800	0	*
10	Spurn Head ...	1026·4	0	-	0	bc	59	85	8	5	7	-	2-3	4-6	1500	0	1
	Catterick ...	1025·8	-6	S	1+	b	57	85	6	-	-	1	0	1	-	0	*
	Tynemouth ...	1025·1	-4	WSW	2	bc	58	75	7	4	-	1	2-3	2-3	4000	0	1
11	Inchkeith ...	1025·1	-4	SSW	4	c	53	95	8	5	7	-	4-6	9	1500	0	3
	Leuchars ...	1023·9	-2	SW	3	c	54	85	8	5	7	8	4-6	9+	5700	0	*
12	Renfrew (Abbotsl.)	~~1024·8~~	-2·8	SW's	3	c	57	85	8	5	7	-	9+	9+	1500	0	*
	Eskdalemuir ...	1026·0	-6	SSE	2	bc	50	86	8	-	-	1	0	4-6	-	1	*
	Point of Ayre ...	1027·1	-4	NW	2	c	58	85	8	-	-	7	0	10	-	0	1
13A	Tiree	1023·3	-4	WSW	4	c	58	85	7	5	3	-	4-6	7-8	2500	0	3
13B	Stornoway ...	1019·3	-6	SW	4	c/d	56	85	7	8	2	-	4-6	10	1500	1	2
15	Dalwhinnie ...	1024·3	-4	SW	4	c	54	75	8	4	5	-	2-3	7-8	2500	0	*
	Aberdeen ...	1021·9	-10	SW	1	c	57	75	7	-	7	-	0	7-8	-	0	1
	Wick ...	1019·3	-6	W	4	c	56	87 5	8	8	9	-	7-8	10	1500	1	2
16	Lerwick ...	1014·8	-4	SW	7	1z	53	95	6	6	-	-	10	10	450	1	*
17	Blacksod Point	1027·5	-4	W	3	c	57	85	8	4	3	-	4-6	7-8	1500	0	3
18	Malin Head ...	1025·4	-6	SW	4	c	57	95	7	8	-	-	9+	9+	2500	0	1
	Aldergrove ...	1027·5	-2	SW'W	2	bc	53	95	8	7	3	-	4-6	4-6	2500	1	*
19	Birr Castle ...	1029·0	+2	SE	1	bc	47	95	7	5	-	-	2-3	2-3	2500	0	*
20	Valentia Obsy. †	1029·6	-2	N'E	3	c	56	85	9	7	5	6	2-3	7-8	1500	0	2
	Roches Point	1028·3	-2	N	3	bc	55	85	8	-	4	1	0	2-3	-	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 24 Hrs. (36)
1	London (Kew)	80	58	55	Tr	-	7·3
	Croydon ...	81	57	54	-	-	11·9
	S. Farnborough	82	56	50	-	-	7·4
	Boscombe Down	79	54	52	-	-	11·7
	Calshot (Sthmtn.)	82	60	56	-	-	10·2
	Lympne ...	76	58	58	-	-	13·9
	Manston ...	76	59	59	-	-	13·0
2	Shoeburyness ...	77	57	51	-	-	13·6
	Felixstowe ...	73	57	55	-	-	12·4
	Gorleston ...	71	60	59	-	-	11·8
	Mildenhall ...	79	50	48	-	Tr	5·1
	Cranwell ...	77	50	48	-	Tr	5·4
3	Birmingham ...	75	55	47	-	-	4·6
	Upper Heyford	78	55	50	-	-	*
4	Ross-on-Wye	77	55	49	-	-	10·3
5	Portland Bill ...	76	61	*	-	-	*
	Plymouth ...	77	64	60	-	-	9·9
	The Lizard ...	79	60	*	-	-	*
	Scilly (St. Mary's)	69	58	*	-	-	14·0
	Guernsey ..	72	60	57	-	-	13·5
6	Pembroke ...	67	55	*	-	-	11·0
7	Holyhead ...	62	55	42	-	-	9·6
	Chester (Sealand)	66	43	35	Tr	-	8·3
8	Manchester ...	74	51	41	-	-	8·2
10	Spurn Head ...	67	56	*	-	Tr	9·6
	Catterick ...	71	47	41	0.2	-	7·0
	Tynemouth ...	62	~~57~~ 51	47	-	-	*
11	Inchkeith ...	67	52	50	-	-	14·4
	Leuchars ...	72	49	46	-	-	14·5
12	Renfrew (Abbotsl.)	67	49	45	-	-	14·6 8
	Eskdalemuir ...	68	36	36	-	-	14·8
	Point of Ayre ...	67	54	-	-	-	14·1
13A	Tiree	62	55	54	-	-	12·5
13B	Stornoway ...	62	55	*	Tr	Tr	1·6
15	Dalwhinnie ...	63	46	41	-	-	12·1
	Aberdeen ...	67	50	46	-	-	10·3
	Wick ...	64	52	*	-	4·2	*
16	Lerwick ...	57	51	*	-	7	7·8
17	Blacksod Point	62	51	*	-	-	*
18	Malin Head ...	61	54	*	-	-	11·3
	Aldergrove ...	68	4~~8~~ 9	43	-	-	10·2
19	Birr Castle ...	70	43	36	-	-	12·8
20	Valentia Obsy. †	65	50	42	-	Tr	13·9
	Roches Point	66	54	*	-	Tr	*

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bze	ccpr0	cy bz0	80	58	55	Tr	-	7·3	*	*	6
Croydon	217	bcmbz0y	bcbbc	cbwom0	81	57	54	-	-	11·9	*	*	6
Greenwich (Royal Observatory) ...	149	cbz0y	cbz0y	bcm0z0	82	56	51	-	-	9·8	42	72	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	8·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	82	61	55	-	-	8·2	37	69	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	82	57	54	Tr	-	9·5	55	61	*
Camden Square	110	bbc	bcepc	*	83	57	53	Tr	-	*	*	76	*
Kensington	80	bbcy	bcpy	bz	82	58	52	Tr	-	7·1	At 18h. 59	73	*
Hampstead Observatory	450	b	bcp	b	79	54	44	0.2	-	9·2	*	87	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. Barom. mb.	18h. G.M.T. Wind. Direc.	18h. G.M.T. Wind. Force.	18h. G.M.T. Weather.	18h. G.M.T. Temp. °F.	7h. G.M.T. Barom. mb.	7h. G.M.T. Wind. Direc.	7h. G.M.T. Wind. Force.	7h. G.M.T. Weather.	7h. G.M.T. Temp. °F.
Paris	1019·0	NE	3	b	84	1019·7	N	2	b	66
Brussels	1031·5	NE'N	2	bc	75	1021·5	NE'N	3	b	66
Berlin	1020·4	N	3	c	77	1021·4	N	2	c	66
Zürich	1019·0	NW	1	b	77	1019·2	E	1	b	61
Rome	1017·9	WSW	2	b	77					

Past 24 Hours.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
Paris	86	61	-	-
Brussels	81		-	
Berlin	79	77	-	-
Zürich	84		-	
Rome	*	*	-	

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

South Kensington.

Max.	Time.	Min.	Time.
0·6	08h. 24h.	<0·1	13-14h. 24h.

Kew Observatory.

Max.	Time.	Min.	Time.
0·6	07h. 24h.	<0·1	17h. 24h.

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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 26th July, 1935.

No. 26909.

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. (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)	SUNSHINE 24h. Hrs. (36)
1	London (Kew)	1023·1	-2.0	NE	3	bc	75	45	7	1	–	–	Tr	Tr	4000	7·3
	Croydon ...	1022·7	-1.8	NE'N	3	b	74	45	8	–	–	–	–	–	–	11·9
	S. Farnborough	1022·6	-1.8	E'N	3	b	77	48	7	–	–	–	–	–	–	7·4
	Boscombe Down	1022·9	-1.4	ENE	2	b	74	55	7	–	–	–	–	–	–	11·7
	Calshot (Sthmtn.)	1022·5	-1.2	N	3	bz$_o$	78	55	6	–	–	–	–	–	–	10·2
	Lympne ...	1023·4	-1.0	NNE	4	bc	67	75	7	5	–	–	4-6	4-6	800	13·9
	Manston ..	1023·4	-0.8	NNE	4	cz$_o$	65	75	6	5	–	–	7-8	7-8	800	13·0
2	Shoeburyness ...	1023·7	-1.4	NE'E	3	bc	70	85	7	1	–	–	Tr	Tr	2500	13·6
	Felixstowe ...	1023·7	-1.4	NE'E	4	b	67	66	8	7	–	–	1	1	2500	12·4
	Gorleston ...	1024·5	-0.6	NE	3	bc	64	75	7	4	–	–	2-3	2-3	2500	11·8
	Mildenhall ...	1022·9	-2.4	N'W	2	bc	75	45	8	1	–	–	2-3	2-3	4000	8·1
	Cranwell ...	1023·3	-2.2	WSW	2	bc	77	45	8	2	–	1	7-8	7-8	4000	5·4
3	Birmingham ...	1023·6	-1.6	NNW	2	bc	71	55	6	5	–	–	4-6	4-6	2500	4·6
	Upper Heyford	1023·4	-1.0	N'E	1	bc	74	55	8	1	–	–	2-3	2-3	4000	*
4	Ross-on-Wye	1022·8	-1.4	NNE	2	bc	76	55	7	1	–	–	4-6	4-6	4000	10·3
5	Portland Bill ...	1022·2	-0.6	SE	2	bc	73	85	7	4	–	–	2-3	2-3	2500	*
	Plymouth ...	1021·7	-1.0	S	2	bc	67	85	8	8	–	–	7-8	7-8	5700	9·9
	The Lizard ...	1023·5	-0.4	S'W	1	bc	75	65	7	1	–	–	2-3	2-3	4000	*
	Scilly (St. Mary's)	1024·7	-0.6	NNE	4	b	67	75	7	–	–	–	–	–	–	14·0
	Guernsey ...	1022·5	-0.2	NE'E	2	bz$_{2o}$	66	85	6	1	1	8	2-3	4-6	2500	13·5
6	Pembroke ...	1024·3	-1.0	NE'N	3	bc	68	65	8	7	–	–	2-3	2-3	5700	11·0
7	Holyhead ...	1025·9	-1.0	NW	3	bc	62	75	8	1	–	5	1	2-3	2500	9·8
	Chester (Seeland)	1025·2	-1.2	NW	3	bc	67	65	8	1	–	–	Tr	Tr	2500	8·3
8	Manchester ...	1024·7	-1.4	NW	3	bc	(69)	55	8	1	4	–	Tr	Tr	2500	8·2
10	Spurn Head ...	1023·3	-0.8	SE'S	4	bc	64	85	8	–	7	–	–	2-3	–	9·6
	Catterick ...	1022·2	-1.8	NW'N	2	bc	75	45	8	1	6	5	1	2-3	4000	7·0
	Tynemouth ...	1022·7	-1.2	SE	2	bc	66	65	7	2	–	1	2-3	2-3	2500	*
11	Inchkeith ...	1022·3	-1.4	SW	4	c	60	65	8	7	6	–	4-6	7-8	2500	14·4
	Lenchars ...	1021·9	-0.8	W	4	c	66	65	8	7	3	–	7-8	9	4000	14·5
12	Renfrew (Abbotsl.)	1023·3	-1.2	WSW	4	c	61	75	8	8	7	–	9+	10	2500	14·8
	Eskdalemuir ...	1023·3	-1.0	WSW	5	c	61	75	8	7	3	–	4-6	9	4000	14·8
	Point of Ayre ...	1025·3	-1.2	WNW	3	bc	57	65	8	–	5	–	–	4-6	–	14·1
13A	Tiree	1022·6	-0.2	WSW	4	c	58	85	7	5	–	–	9+	9+	2500	12·5
13B	Stornoway ...	1025·0	-0.4	SW	5	cz$_o$	66	95	6	6	2	–	7-8	9	1500	1·6
15	Dalwhinnie ...	*$_9$	–	SW	4	c	57	65	8	4	2	–	2-3	10	2500	12·1
	Aberdeen ..	1019·6	-1.4	WSW	2	bc	71	45	8	7	9	–	1	4-6	4000	10·3
	Wick ...	1017·6	-0.8	W	4	r$_r$	60	95	8	6	2	–	7-8	10	1500	*
16	Lerwick ...	1013·7	-0.8	SW	7	ir	53	95	6	6	–	–	10	10	450	7·8
17	Blacksod Point	1026·6	-0.6	W	4	c	62	75	7	5	–	–	7-8	7-8	1500	*
18	Malin Head ...	1024·4	-0.6	W	4	c	59	75	7	8	–	–	9+	9+	2500	11·3
	Aldergrove ...	1025·4	-1.0	SW'W	3	bc	66	65	8	7	9	8	3-6	7-8	1500	10·2
19	Birr Castle ...	1026·7	-1.0	SW	1	c	68	65	8	5	–	–	7-8	7-8	2500	12·8
20	Valentia Obsy. †	1028·7	-0.8	NW'W	3	bc	62	75	9	1	5	2	1	4-6	2500	13·9
	Roches Point	1027·0	-1.0	N	2	bc	67	75	9	7	4	9	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. (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)	1021·3	-6	NE'N	2	bcz$_o$	77	45	6	1	–	–	2-3	2-3	4000	0	*
	Croydon ...	1021·0	-10	E	2	bc	73	55	8	1	–	–	2-3	2-3	4000	0	*
	S. Farnborough	1021·1	0	N'E	2	b	76	45	7	1	–	–	Tr	Tr	5700	0	*
	Boscombe Down	1021·2	-4	N'E	2	bcz$_o$	75	45	6	7	–	–	4-6	4-6	4000	0	*
	Calshot (Sthmtn.)	1020·9	-2	N	2	bc	77	55	7	7	–	–	4-6	4-6	4000	0	*
	Lympne ...	1022·0	-0	NE	3	b	66	75	8	–	–	–	–	–	–	0	§ 3
	Manston ..	1021·7	-8	NNE	4	b	63	85	7	–	–	–	–	–	–	0	*
2	Shoeburyness ...	1022·3	-4	ENE	2	b	65	95	8	–	–	–	–	–	–	0	*
	Felixstowe ...	1021·8	-10	NE'E	4	b	63	75	9	–	–	–	–	–	–	0	3
	Gorleston ...	1022·3	-10	E'S	2	bc	64	75	7	–	4	–	–	2-3	–	0	2
	Mildenhall ...	1021·0	-10	N	1	b	77	35	8	–	–	–	–	–	–	0	*
	Cranwell ...	1020·8	-6	NW'W	3	b	76	35	7	–	–	–	–	–	–	0	*
3	Birmingham ...	1022·1	-6	NNW	3	bc	72	45	8	–	4	–	0	1	–	0	*
	Upper Heyford	1021·5	-14	N	2	bcz$_o$	74	55	6	7	–	–	4-6	4-6	4000	0	*
4	Ross-on-Wye	1021·2	-10	N'E	2	bc	76	55	8	7	–	–	4-6	4-6	4000	0	*
5	Portland Bill ...	1021·0	-8	W	2	bc	69	85	7	4	–	–	4-6	4-6	2500	0	2
	Plymouth ...	1022·1	-4	SSW	1	c/pr$_o$	67	75	8	5	–	–	9	9	2500	0	0
	The Lizard ...	1022·8	-4	N'W	5	bc	68	75	8	7	–	–	2-3	2-3	4000	0	2
	Scilly (St. Mary's)	1024·4	0	N'E	4	bc	62	85	8	–	3	6	–	2-3	–	0	3
	Guernsey ...	1021·8	0	NE'N	3	b	66	85	8	–	–	–	–	–	–	0	2
6	Pembroke ...	1023·3	-2	N'E	2	bc	64	55	8	7	–	–	4-6	4-6	5700	0	1
7	Holyhead ...	1024·0	-8	—	0	c	62	75	9	1	5	6	Tr	9	2500	0	1
	Chester (Seeland)	1024·0	-4	NW'W	3	bc	63	65	9	–	7	6	–	4-6	–	0	*
8	Manchester ...	1023·7	-2	NNW	3	bc	66	55	8	–	–	5	–	2-3	–	0	*
10	Spurn Head ...	1021·2	-2	SE'S	4	bc	63	85	8	–	7	–	–	2-3	–	0	3
	Catterick ...	1021·5	-4	NW'N	2	bc	66	55	8	4	7	6	1	7-8	4000	0	*
	Tynemouth ...	1021·8	-2	W	3	c	67	65	8	4	–	–	7-8	7-8	4000	0	1
11	Inchkeith ...	1021·6	-6	SW	3	c	58	75	8	5	–	–	9*	9*	2500	0	2
	Lenchars ...	1020·2	-4	SW	3	c	61	75	8	5	7	–	4-6	10	2500	0	*
12	Renfrew (Abbotsl.)	1021·8	-8	WSW	3	c	59	75	8	8	9	6	7-8	9+	2500	0	*
	Eskdalemuir ...	1022·2	-6	W	2	c	57	75	8	7	3	–	4-6	9+	2500	1	*
	Point of Ayre ...	1023·3	-12	W	2	c	64	65	8	–	2	–	–	7-8	–	0	1
13A	Tiree	1020·9	-6	W	4	ir	56	95	6	6	2	–	4-6	9+	800	1	3
13B	Stornoway ...	1018·3	+6	NW	3	c	57	75	8	5	7	–	7-8	9	1500	1	2
15	Dalwhinnie ...	1018·3	-10	W	3	c	56	75	8	3	2	–	4-6	10	2500	0	*
	Aberdeen ..	1018·3	-10	W	3	c	63	65	8	5	7	–	4-6	9+	4000	0	1
	Wick ...	1017·5	-2	W	2	r$_{8r_o}$	54	95	7	9	2	–	7-8	10	1500	1	2
16	Lerwick ...	1013·6	+2	WSW	5	c/pr	54	85	7	8	7	–	4-6	7-8	1500	1	*
17	Blacksod Point	1025·7	-4	W	4	c	60	85	7	5	–	–	10	10	800	0	3
18	Malin Head ...	1022·8	-4	W	4	c/r	57	95	7	8	–	–	10	10	800	1	2
	Aldergrove ...	1024·1	-2	W'N	4	c	53	65	8	4	7	–	4-6	9+	4000	0	*
19	Birr Castle ...	1025·8	-8	SW	1	c	66	65	8	4	–	–	7-8	7-8	2500	0	*
20	Valentia Obsy. †	1028·1	-4	NW	4	c	62	85	9	2	–	6	4-6	9	1500	0	2
	Roches Point	1025·9	-4	N	2	bc	65	75	9	1	3	8	1	4-6	4000	0	1

PAST 24 HOURS.

Weather. 7h.—13h. 25th. (37)	13h.—18h. 25th. (38)	18h. 25th to 1h. 26th. (39)	1h.—7h. 26th. (40)
bz$_o$ by	bcz$_o$ bcy	bc	bcc
obcm$_o$b	bbcby	bybmw	bbcwm$_o$
bz$_o$y	bybcy	ybbc	bbcz$_o$
bm$_o$by	bbczby	by bc	bcz$_o$
bm$_o$by z$_o$	by z$_o$ bbcz	bwbw	bwbcb
cm$_o$c	bcb	bbmw	bbcbm$_o$
om$_o$cm$_o$	cz$_o$b	bbcm$_o$	bcmfm$_o$
b	b	b	bcw m$_o$
cb	bbv	bvbw	bwbcz$_o$
cbc	bc	bcb	bbcz$_o$
om$_o$bcb	bcb	b	bbcz$_o$
cf bcy	bcby	byb	bm$_o$
bcz	bcb	b bc	bc
bfcbbcy	bcy z$_o$	bcycm$_o$	cbcm$_o$
bc	bcy	bccb	bbcc
bbc	bcbc	bcc	c
bbc	bccpr$_o$	c	c
bbc	bc	bc	bcw
b	bbc	bcw	bcc
bzcbc	bcz$_o$b	bw3	bzbc
bc	bcy	bc	c
bc	bcc	cbcbw	bwc
by	bbcy	bc	bcm$_o$w
oFby	bbcy	bccm$_o$	oFcF
bc	bc	bc	bcc
bmoby	bybcy	bcc	c
bc	bcc	cbc	bcc
c	c	cbc	bcc
cyc	cyc	c	bcwc
c	c	c	cbwc
bcc	c	cbc	bcc
c	oirr	cir	c
cr$_o$r$_o$	cr$_o$bc	cbc	cpop
c	c	*	c
cbc	bcypr$_o$	cirr$_o$	cbcw
cirr	cir	cbc	wpsc
or$_o$s$_i$r$_i$m$_o$	oircpr$_o$	c	bcpr
cc	c	ide	dr
c	c	cid$_o$	cid$_o$
bc	bcy	cr$_o$bc	cid$_o$c
bcc	c	c	c
bcc	bcwc	cbcw	bcwc
bc	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. o, 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 sir.
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:—be/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

† Sea disturbance reported from Dungeness.

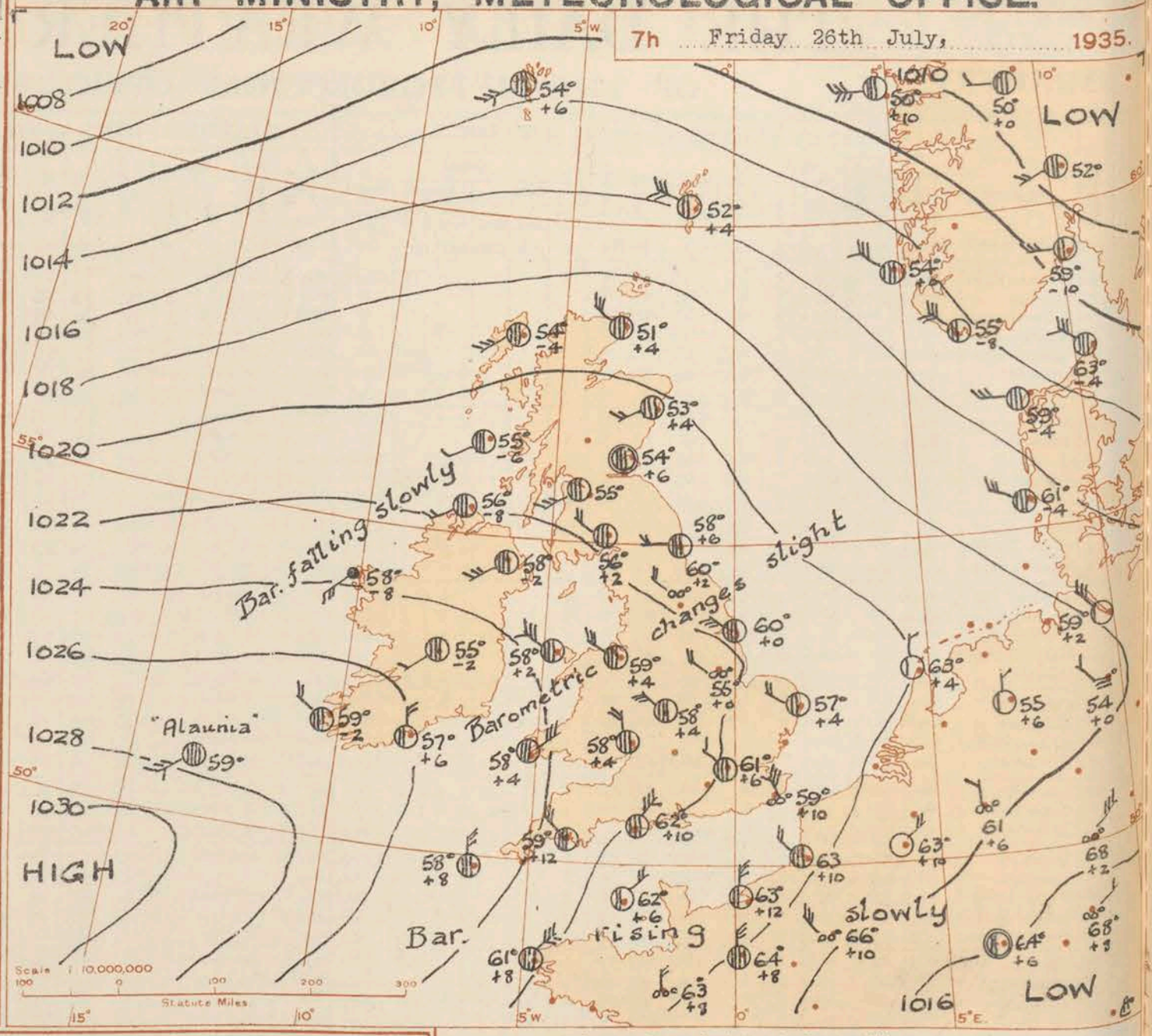
REPORTS from HEALTH RESORTS for 25th July, 1935.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. to 9h.	Temperature. Max. 9h.—17h.	Rainfall. Night. 17h. to 9h.	Rainfall. Day. 9h.—17h.	Sunshine. Sunrise to 17h.	Sunshine. Sunrise to Sunset.
1	Tunbridge W.	bcb	b	58	75	–	–	7·9	13·2
	Bournemouth	b	b	58	80	–	–	11·2	11·1
	Ventnor ...	bz	bz	62	77	–	–	11·5	12·8
	Southsea ...	b	b	61	80	–	–	11·4	12·3
	Bognor Regis	b	b	60	78	–	–	11·4	13·3
	Littlehampton	b	b	59	79	–	–	11·6	13·3
	Worthing ...	b	b	60	77	–	–	11·3	13·3
	Brighton ...	b	b	60	79	–	–	11·4	13·1
	Eastbourne† ...	by	by	60	75	–	–	10·7	13·5
	Hastings† ...	b	b	59	74	–	–	10·8	13·4
	Folkestone ...	obc	bcb	60	73	–	–	9·0	13·4
	Dover ...	oc	cb	61	70	–	–	6·1	13·5
	Deal	oc	bcb	61	68	–	–	3·8	13·3
	Ramsgate ...	cbc	bcb	60	67	–	–	5·4	12·8
	Margate ...	cbc	bcb	60	65	–	–	5·4	13·6
2	Southend ...	cbcb	b	57	74	–	–	9·6	13·2
	Maldon ...	b	bv	57	74	–	–	10·1	11·8
	Clacton-on-Sea	cbc	bcbv	58	67	–	–	9·4	12·9
	Dovercourt ...	bc	bv	57	67	–	–	10·3	12·7
	Lowestoft ...	cbcb	b	60	68	–	–	5·8	12·2
	Skegness' ...	b	b	55	67	–	–	11·4	7·7
	Mablethorpe...	bcbv	bv	56	66	–	–	11·6	9·6
	Cleethorpes ...	wbv	b	56	70	–	–	11·2	9·6
3	Leamington S.	bcb	b	55	77	–	–	9·7	6·6
4	Cheltenham†	mb	bbc	54	80	–	–	9·8	9·0
5	Bath	b	bcb	58	80	–	–	9·9	10·7
	Weymouth ...	b	b	62	77	–	–	11·2	12·5
	Jersey ...	b	b	62	74	–	–	11·7	14·5
	Torquay ...	b	by	61	76	–	–	11·3	13·2
	Penzance ...	b	b	59	75	–	–	10·1	12·6
	St. Ives ...	b	b	58	66	–	–	9·8	10·5
	Bude... ...	wb	b	58	73	–	–	10·6	9·7
	Ilfracombe ...	cbcb	bcb	63	71	–	–	8·9	11·5
6	Aberystwyth	bc	bc	55	67	–	–	12·0	9·5
7	Llanduduo ...	b	bbc	47	66	–	–	11·4	7·4
	Colwyn Bay...	b	b	52	63	–	–	12·3	7·7
	Rhyl	b	bbc	46	64	–	–	11·7	7·5
8	Wallasey ...	b	b	59	68	–	–	11·1	10·1
	Southport‖ ...	bb	bcc	53	66	–	–	10·5	12·0
	Blackpool ...	bc	bcc	55	55	–	–	11·8	12·7
	Morecambe ...	b	b	52	66	–	–	11·2	11·3
9	Ilkley... ...	b	b	49	75	–	–	10·8	8·5
	Harrogate ...	b	b	52	74	–	–	10·8	5·0
10	Berwick-on-T.	c	co	49	66	–	–	3·1	14·5
11	Dunbar ...	c	bc	52	66	–	–	1·1	14·6
12	Troon... ...	oc	coc	51	62	–	–	0·9	13·3
	Douglas ...	cbbc	bccb	52	67	–	–	10·1	13·9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday 26th July, 1935.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England	Light northerly wind, variable on coast; fine; some high clouds; warm.
6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light or moderate northwest wind, backing west; cloudy, bright intervals; rather warm.
10 N.E. England 11 S.E. Scotland	Light or moderate west wind; fair; warm.
12 S.W. Scotland & Isle of Man.	Light or moderate southwest wind; cloudy, local drizzle; rather warm.
13 A. W. Scotland B. N.W. Scotland	Freshening southwest wind; cloudy, occasional rain or drizzle; average temperature.
14 Mid Scotland	As 12 - 13A.
15 N.E. Scotland	Light or moderate southwest wind; variable cloud, slight local rain later; rather warm.
16 Orkney and Shetland	As 13B.
17 N.W. Ireland	As 12 - 13A.
18 N.E. Ireland	As 6 - 9.
19 S.E. Ireland	As 12 - 13A.
20 S.W. Ireland	

Barometer. Isobars are drawn for intervals of two millibars.
Wind. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ Temperature is given in degrees F.
Weather Symbols :— ◯ Clear sky. ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◐ Sky 5/10 to 9/10 clouded. ◉ Overcast sky. ● Rain falling. ✳ Snow. ✱ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. T Thunderstorm. co Slight haze.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred north of the Azores covers most of the British Isles and weather will be fair except for drizzle in the extreme northwest and north.

FURTHER OUTLOOK.

Fair or fine except in the western and northern districts of Scotland and of Ireland.

Forecasts issued at 1000 G. M. T.

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

H.M. Stationery Office ... 8212 2904 We 8081 0 6001 ... 3/35.

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

Morning of
FRIDAY,
26TH JULY,
1935.

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

Page 4.
AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 26th July, 1935.
No. 26909.

OBSERVATIONS at 1 hr. G.M.T. 26th 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	1021·4	−2	–	0	3o	56	85	6	–	–	1	0	1	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021·3	−2.	N	3	3o	55	96	6	–	–	–	0	0	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021·2	−4	W'S	2	b	57	85	7	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1020·9	−4	NNE	4	C	66	75	7	4	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023·5	+6	–	0	bc	57	85	8	5	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	163	1024·7	−2	N	3	bc	58	95	8	5	4	–	2-3	4-6	4000
	Guernsey ..	175	1022·0	+2	NW'N	1	3o	63	85	4	–	–	–	0	0	–
6	Pembroke ...	142	1023·3	0	NW	3	bc	57	85	8	5	–	–	4-6	4-6	5700
7	Holyhead ...	26	1023·6	−2	NW	3	b	59	85	8	–	–	8	0	1	–
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1020·4	−2	NNE	4	bc	60	85	8	5	7	–	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1020·8	−4	W	2	bc	56	75	7	4	–	–	4-6	4-6	4000
11	Inchkeith ...	190	1020·8	−4	SW	3	bc	56	95	8	4	–	–	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1023·0	−2	NW	2	C	57	85	8	4	–	–	7-8	7-8	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1020·2	+6	SW	2	bc	49	85	8	5	7	–	2-3	4-6	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1018·2	+4	WNW	3	bc	50	85	8	8	1	–	4-6	4-6	1500
16	Lerwick ...	156	1014·4	+6	WSW	6	C	52	85	7	8	7	–	4-6	7-8	1500
17	Blacksod Point	18	1025·3	0	W	3	C	58	85	7	5	–	–	10	10	800
18	Malin Head ...	52	1022·7	−2	NW	2	c/d	55	95	7	8	–	–	9+	9+	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1027·9	−6	NNW	3	0	57	85	8	5	–	–	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 26th 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)	1022·6	+10	NE'N	2	c	62	65	6	–	–	6	0	7-8	–	0	*
	Croydon ...	1021·9	+6	NW	1	c	61	65	6	–	–	7	0	9+	–	0	*
	S. Farnborough	1023·4	+8	NW'N	1	c 3o	59	75	6	–	–	2	0	7-8	–	0	*
	Boscombe Down	1023·1	+10	N'W	1	c 2o	58	75	6	5	–	6	2-3	9	4000	0	*
	Calshot (Sthmtn.)	1022·0	+10	NNW	3	c	61	75	7	5	8	6	Tr	7-8	4000	0	1
	Lympne ...	1021·3	+10	W'W	4	b 7o	59	75	6	–	3	4	0	1	–	0	§ 1
	Manston ...	1020·8	+8	NW	3	bc 2o	62	75	6	5	3	2	Tr	2-3	1500	0	*
2	Shoeburyness ...	1021·5	+6	NW	2	bc	61	85	6	–	–	6	0	4-6	–	0	*
	Felixstowe ...	1020·9	+10	NW	2	bc 7o	60	75	6	–	–	8	0	2-3	–	0	1
	Gorleston ...	1021·4	+4	WNW	2	bc	57	95	6	5	–	5	4-6	4-6	2500	0	2
	Mildenhall ...	1021·9	+12	NNW	3	c 2o	60	75	6	–	–	4	0	7-8	–	0	*
	Cranwell ...	1022·5	+6	W'N	2	c 2o	55	85	6	–	–	2	0	7-8	–	0	*
3	Birmingham ...	1023·6	+4	NNW	3	c	58	75	6	1	–	2	Tr	7-8	2500	0	*
	Upper Heyford	1023·2	+10	NNW	3	bc 3o	57	85	6	–	7	8	0	4-6	–	0	*
4	Ross-on-Wye	1023·3	+4	N	2	c	58	75	8	–	–	6	0	9	–	0	*
5	Portland Bill ...	1021·9	+10	NNE	4	c	62	66	7	4	4	–	4-6	7-8	2500	0	3
	Plymouth ...	1023·4	+12	NNW	3	c	59	85	8	–	7	–	0	9+	–	0	1
	The Lizard ...	1024·9	+10	N	2	c	59	95	8	4	2	–	7-8	9+	2500	0	1
	Scilly (St. Mary's)	1025·3	+8	N	3	c	56	95	7	5	–	–	7-8	7-8	4000	0	2
	Guernsey ..	1021·7	+6	NNE	2	bc	62	85	7	–	1	8	0	4-6	–	0	1
6	Pembroke ...	1024·3	+4	NNE	3	c	56	85	7	7	–	–	7-8	7-8	4000	0	1
7	Holyhead ...	1025·5	+2	WNW	4	c	54	95	8	5	–	7	4-6	10	800	0	3
	Chester(Sealand)	1023·5	+4	W'N	3	c	59	85	6	5	7	–	7-8	10	1500	0	*
8	Manchester ...	1023·2	+10	–	0	f –	52	95	3	5	–	–	10	10	1500	0	*
10	Spurn Head ...	1021·3	0	NNW	4	c	60	85	6	–	2	8	0	7-8	–	0	3
	Catterick ...	1021·8	+2	NW	2	c	60	85	8	5	–	2	7-8	9+	2500	0	*
	Tynemouth ...	1021·0	+6	W	2	c	58	85	6	6	–	–	7-8	7-8	1500	0	1
11	Inchkeith ...	1021·3	+4	SW	2	c	54	95	8	5	9	–	2-3	9+	2500	0	1
	Leuchars ...	1021·2	+6	–	0	c	54	95	8	5	5	6	1	7-8	2500	0	*
12	Renfrew (Abbots I.)	1021·2	+2	WSW	3	c	55	75	9	5	3	–	Tr	9+	4000	0	*
	Eskdalemuir ...	1021·5	+2	NW	2	c	56	86	6	7	3	1	4-6	9	4000	1	*
	Point of Ayre...	1023·1	0	NW	3	o	58	95	7	5	–	–	10	10	450	0	
13A	Tiree	1020·9	−6	SSW	1	c	56	85	8	5	–	–	9+	9+	1500	0	1
13B	Stornoway ...	1019·6	−8	SSW	3	c	54	75	8	5	7	–	4-6	9+	2500	1	1
15	Dalwhinnie ...		+4	E	1	c	49	85	8	4	–	8	4-6	9	4000	0	*
	Aberdeen ...	1020·6	+4	WSW	2	c	53	75	8	–	–	2	0	7-8	–	0	1
	Wick ...	1019·2	+8	NW	2	o	51	95	8	8	1	8	4-6	9	1500	1	2
16	Lerwick ...	1018·6	+4	W'N	5	bc	52	75	8	8	3	8	4-6	4-6	1500	1	*
17	Blacksod Point	1023·1	−8	SW	3	d 2o	58	85	6	6	–	–	10	10	800	1	3
18	Malin Head ...	1021·8	−8	W'S	2	c 3o	56	95	7	8	–	–	10	10	800	1	1
	Aldergrove ...	1023·0	−2	W'S	3	c	58	85	8	5	7	–	4-6	9+	800	1	*
19	Birr Castle ...	1025·4	−2	SW	1	c	55	95	8	5	–	–	9+	9+	2500	0	*
20	Valentia Obsy. †	1027·0	−2	NW	2	c	59	95	8	5	7	9	4-6	7-8	800	0	2
	Roches Point	1026·4	+6	N	2	bc	57	85	8	5	4	9	1	4-6	2500	0	1

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 Hrs. (36)
1	London (Kew)	77	58	48	–	–	13·5
	Croydon ...	77	55	51	–	–	10·7
	S. Farnborough	80	52	41	–	–	13·4
	Boscombe Down	77	53	49	–	–	11·5
	Calshot (Sthmtn.)	81	59	56	–	–	12·4
	Lympne ...	79	52	49	–	Tr	7·5
	Manston ...	67	52	45	–	–	7·5
2	Shoeburyness ...	71	53	45	–	–	10·5
	Felixstowe ...	68	52	48	–	–	11·7
	Gorleston ...	66	54	53	–	–	7·6
	Mildenhall ...	79	53	49	–	–	10·4
	Cranwell ...	80	51	49	–	–	11·2
3	Birmingham ...	75	53	44	–	–	10·5
	Upper Heyford	77	51	44	–	–	*
4	Ross-on-Wye	79	50	41	–	–	10·6
5	Portland Bill ...	75	60	*	–	–	*
	Plymouth ...	73	56	51	Tr	–	7·0
	The Lizard ...	77	55	*	–	–	*
	Scilly (St. Mary's)	67	57	*	–	Tr	13·1
	Guernsey ..	68	58	54	–	–	8·8
6	Pembroke ...	69	54	*	–	–	12·7
7	Holyhead ...	63	57	54	–	–	13·0
	Chester(Sealand)	68	50	44	–	–	13·0
8	Manchester ...	71	41	37	–	–	9·4
10	Spurn Head ...	65	57	*	–	–	13·6
	Catterick ...	77	47	40	–	–	11·7
	Tynemouth ...	72	56	51	–	–	*
11	Inchkeith ...	62	53	50	–	–	1·5
	Leuchars ...	68	48	40	–	–	1·1
12	Renfrew (Abbots I.)	63	50	46	–	–	0·4
	Eskdalemuir ...	65	53	49	–	–	5·5
	Point of Ayre...	70	56		–	–	10·3
13A	Tiree	59	53	51	3	0·2	1·1
13B	Stornoway ...	58	47	*	2	Tr	1·1
15	Dalwhinnie ...	57	40	38	–	–	0·0
	Aberdeen ...	71	48	42	0·1	0·3	4·2
	Wick ...	63	49	*	2	0·6	*
16	Lerwick ...	55	43	*	3	2	0·4
17	Blacksod Point	62	57	*	–	2	*
18	Malin Head ...	61	53	*	0·2	2	0·3
	Aldergrove ...	68	56	54	–	0·5	0·8
19	Birr Castle ...	69	50	42	–	–	5·4
20	Valentia Obsy. †	63	55	48	–	–	11·2
	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.

	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	bc3q	bc2oq	bc c	77	58	48	–	–	13·5	*	*	7
CROYDON	217	o mc b	b bc3oq	bc3oc2o	77	55	51	–	–	10·7	*	*	8
GREENWICH (Royal Observatory)...	149	bq	bq	bc ⊕	79	56	49	–	–	10·7	42	59	6
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	12·2	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	80	59	51	–	–	12·3	41	55	*
REGENTS PK. (Botanic Gardens)‡...	168	*	*	*	80	58	55	–	–	12·3	62	69	*
CAMDEN SQUARE	110	b	b	*	81	59	53	–	–	*	*	61	*
KENSINGTON	80	bcq	bcq	*	78	59	50	–	–	12·7	55	58	*
HAMPSTEAD OBSERVATORY	450	b	b	b	76	54	42	–	–	13·6	*	71	*

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	01-02h 3oth	<0·1	13-14h 25th

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0·2	08h 25th	<0·1	12-20h 25th

FOREIGN OBSERVATIONS.

18h. G.M.T. 26th July. 7h. G.M.T. 26th July.

STATIONS.	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force.	18h. Weather.	18h. Temp. °F.	7h. Barom. mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
PARIS	1015·7	NNE	3	b	84	1018·1	(NW)	3	b 2o	66
BRUSSELS										
BERLIN	1018·3	N	3	bc	73	1017·3	W'N	1	b 3o	66
ZÜRICH	1015·0	NE	1	bc	79	1016·4	SE	1	c 2o	66
ROME	1016·6	W	3	b	77	1016·2	–	0	b 3o	75

Past 24 Hours.

STATIONS.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
PARIS	88	63	–	–
ZÜRICH	86	61	–	–
ROME	*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 27th July, 1935.

No. 26910.

District	Stations (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 26th July: Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. 0–12 Force (4)	Weather. (5)	°Temp. (6)	%Humid. (7)	Visibility 0–9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	OBSERVATIONS at 18h. G.M.T. 26th July: Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. 0–12 Force (18)	Weather. (19)	°Temp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)	PAST 24 HOURS. Weather. 7h.–13h. 26th (37)	13h.–18h. 26th. (38)	18h. 26th to 1h. 27th (39)	1h.–7h. 27th. (40)	Sunshine 25th Hrs. (36)
1	London (Kew)	1021·5	−6	N	1	c	71	45	7	–	–	8	0	9	—	1021·1	−4	NNW	3	c	73	45	7	6	3	2	1	7-8	5700	0	*	cy	cy	cbz$_o$	bbcz$_o$	13·5
	Croydon ...	1022·3	−6	NNW	2	c	71	45	8	–	3	9	0	7-8	—	1020·3	−6	NW'W	2	c	73	45	7	1	3	9	2-3	9	5700	0	*	cc$_o$z$_o$⊕y	bcycy	cbcym$_o$bw	bwbc	10·7
	S. Farnborough	1021·5	−6	NW'W	2	bc	75	35	8	–	–	9	0	7-8	–	1020·9	−4	NNW	3	bc	72	45	7	1	–	8	2-3	4-6	5700	0	*	bcz$_o$cy	bcy	ybbcb	bm$_o$bw	13·4
	Boscombe Down	1022·2	−2	NNW	3	bc	69	45	8	–	5	9	0	7-8	–	1021·7	−6	NW'N	3	bc	69	55	8	1	3	–	1	7-8	4000	0	*	c$_o$bcy	bcbc	beyw	bewc	11·5
	Calshot (Sthmtn.)	1021·7	−6	NNW	3	c	72	45	8	–	–	8	0	7-8	–	1020·9	−6	NNW	3	bc	73	55	8	7	5	1	1	4-6	4000	0	*	ccy	cybcy	bcybw	bcw	12·4
	Lympne ...	1021·0	+2	N'W	3	bc	71	55	7	1	–	2	1	4-6	4000	1021·1	+2	NE	2	c	67	75	7	5	4	6	1	7-8	4000	0	§ 1	bcm$_o$⊕	bcy	c-bw	bwbcm$_o$	7·5
	Manston ...	1021·2	+2	NW	4	cz$_o$	67	65	6	5	–	6	1	7-8	1500	1021·2	+2	NE	3	c	64	75	7	–	7	6	0	9	–	0	*	bcm$_o$z$_o$	cz$_o$bcyc	cbcb	bbc	7·5
2	Shoeburyness ...	1021·1	−6	E'N	2	c	76	55	7	1	3	6	2-3	7-8	4000	1021·5	+4	E'N	3	c	65	95	8	4	6	–	7-8	9+	4000	0	*	bccm$_o$c	cybcc	cbc	bcwm$_o$	10·5
	Felixstowe ...	1021·0	−2	E	3	bc	68	75	8	5	–	6	2-3	4-6	2500	1021·3	0	NE'E	3	c	64	65	7	5	3	–	9	9+	4000	0	1	bcz$_o$bc	bcc	cbcbw	bwbcz$_o$	11·7
	Gorleston ...	1021·7	+4	N'E	5	bc	66	75	7	7	–	5	4-6	4-6	4000	1021·3	−4	NNE	3	c	64	75	7	–	–	8	0	7-8	–	0	2	bccq	bcc	cb	b bcc	7·6
	Mildenhall ...	1021·4	−2	N	2	c	71	55	7	1	3	–	7-8	7-8	2500	1020·7	−4	NW'N	2	cz$_o$	69	55	6	5	7	–	7-8	10	4000	0	*	bcc	cz$_o$	c	c	10·4
	Cranwell ...	1022·0	0	NW'W	2	c	67	55	7	7	2	–	9	9+	4000	1021·0	−6	W	4	cz$_o$	68	55	6	7	1	6	2-3	7-8	4000	0	*	bcz$_o$c	cyz$_o$	bcyz$_o$	bcc	11·2
3	Birmingham ...	1022·8	−2	NW	2	c	67	55	7	7	–	–	9	9	4000	1021·7	−8	WNW	2	bc	68	55	8	1	–	9	4-6	4-6	7200	0	*	bcc	cbc	bc	bcc	10·5
	Upper Heyford	1022·0	−8	N	2	c	71	55	8	1	4	9	4-6	7-8	4000	1021·7	−4	N	2	c	69	65	8	7	7	9	4-6	7-8	2500	0	*	bcm$_o$cy	cy	cbcb	bbcc	*
4	Ross-on-Wye	1022·6	0	N'W	2	c	69	65	9	1	3	–	4-6	9+	4000	1021·9	−8	NW	3	bc	69	55	9	1	4	1	Tr	2-3	4000	0	*	cc	cybcyy	bv	bcc	10·6
5	Portland Bill ...	1023·1	−6	W	3	c	67	75	7	4	4	–	4-6	7-8	2500	1022·6	−6	WNW	3	bc	68	85	8	4	4	–	2-3	4-6	2500	0	2	cc	cbc	b	bbc	*
	Plymouth ...	1023·1	−2	NNW	2	c	70	65	8	1	4	9	Tr	9+	2500	1023·2	+2	NNW	3	c	66	75	8	4	3	8	1	7-8	2500	0	1	c⊕	cyc	cb	bbccm$_o$	7·0
	The Lizard ...	1024·0	0	WNW	3	c	67	75	8	7	7	8	7-8	7-8	4000	1024·0	0	NW	4	c	64	75	8	7	7	8	1	7-8	4000	0	2	cbcc	cbcc	c	cffmo	*
	Scilly (St.Mary's)	1026·0	+2	N'W	4	c	67	75	8	1	4	2	2-3	9+	4000	1025·6	−4	N'W	4	c	63	75	8	5	7	6	1	9	4000	0	2	c	c	comfg	ofc	13·1
	Guernsey ...	1022·5	+2	NE'N	4	c	66	65	7	–	1	8	0	7-8	–	1022·5	−2	NW'N	3	bc	65	65	8	–	1	8	0	4-6	–	0	1	bcc	cbc	bcbw	bwbc	9·8
6	Pembroke ...	1024·1	+2	~~SSW~~ NW	1	c	61	85	8	7	7	–	4-5	9	4000	1023·8	−6	W	3	bc	61	85	8	7	4	–	2-3	4-6	5700	0	2	c	cbc	c	cifm$_o$	12·7
7	Holyhead ...	1023·4	0	W'S	3	c	65	65	8	8	7	8	4-5	7-8	4000	1022·4	−8	WSW	2	c	60	85	8	7	2	–	7-8	10	4000	0	2	c	c	c	c	13·0
	Chester(Sealand)	1023·5	+2	NW	4	c	64	75	8	8	7	–	4-6	9+	1500	1021·9	−8	NW'N	3	bc	66	65	7	8	9	1	2-3	4-6	2500	0	*	irc	cbc	bcc	c	13·0
8	Manchester ...	1022·7	0	WNW	4	c	63	75	8	8	–	–	9+	9+	2500	1021·8	−8	NW'W	4	bc	65	65	8	8	6	9	4-6	7-8	2500	0	*	cfprc	cbc	bccz$_o$	cd$_o$m$_o$	9·4
10	Spurn Head ...	1021·9	+2	E	3	c	68	75	7	5	7	2	2-3	4-6	2500	1020·3	−6	SE	4	bc	62	85	7	5	1	1	2-3	4-6	2500	0	3	bcc	cbc	bcc	bc	13·6
	Catterick ...	1020·6	−6	NW'W	3	c	69	55	8	5	1	–	7-8	9	2500	1019·9	0	W'N	4	bc	67	65	8	7	3	4	2-3	7-8	4000	0	*	c	bcybc	bcer	rrcqc	11·7
	Tynemouth ...	1021·9	+4	ESE	3	bc	60	85	8	2	–	–	4-6	4-6	2500	1019·0	−12	SE	2	bc	68	55	8	2	–	–	4-6	4-6	2500	0	1	cp$_o$dbc	bc	bcoi$_o$	oir$_o$o	*
11	Inchkeith ...	1020·4	−8	SW	3	c	62	65	7	7	9	–	4-6	9	2500	1018·0	−20	SW	3	c	60	85	8	8	3	–	4-6	9+	2500	0	2	c	c	cir	ir$_o$c	15
	Leuchars ...	1019·3	−14	SSW	3	c	66	55	7	7	3	1	4-6	7-8	2500	1017·1	−10	W	4	c	65	75	7	5	3	–	7-8	9	2500	0	*	cy	c	cr$_o$r$_o$c	cqc	1·1
12	Renfrew (Abbots I.)	1019·9	−10	SW'S	3	bc	64	65	9	7	7	1	4-6	7-8	4000	1017·3	−22	SSW	4	id$_o$	60	95	6	5	–	–	10	10	800	0	*	cbc	bccim$_o$	cim$_o$d$_o$oR id$_o$gir	om$_o$ir$_o$r	0·4
	Eskdalemuir ...	1020·1	−4	W	3	c	64	65	8	7	–	1	4-6	9	4000	1019·3	−6	SW	4	id$_o$	58	85	6	5	3	–	9	10	1500	1	*	c	ccid$_o$	ir$_o$r$_o$o	cir	5·5
	Point of Ayre...	1022·6	−2	W	4	c	67	65	8	8	–	–	9	9	1500	1020·7	−12	WSW	4	o	64	75	8	5	–	–	10	10	1500	0	2	oc	co	ir$_o$r$_o$o		10·3
13A	Tiree	1018·0	−14	S	4	dd	58	95	6	6	2	–	7-8	10	800	1014·6	−12	SW	4	rr	58	95	6	6	2	–	7-8	10	800	1	3	coid$_o$	odrr	or Rd	odrR	1·1
13B	Stornoway ...	1016·1	−12	SSW	4	c	56	75	8	8	2	–	4-6	10	1500	1010·1	−32	SSW	5	gr$_o$	57	95	6	6	2	–	4-6	10	800	1	3	cpr$_o$	cqr$_o$r$_o$	cyy	crrr$_o$r$_o$	0·0
15	Dalwhinnie ...	*	−8	SW	3	bc	61	55	8	–	1	4	o	4-6	–	1016·9	−14	SW	4	d	57	85	6	4	2	–	9	10	450	0	*	bc	c	*	ir	4·1
	Aberdeen ...	1019·4	−6	SSE	4	c	58	65	8	8	3	–	2-3	9	2500	1015·5	−22	S'W	4	c	56	75	7	–	7	–	0	7-8	–	0	2	c	bcc	cir$_o$	crrc	0·4
	Wick ...	1017·8	−4	SW	3	c	57	85	8	8	1	–	7-8	9+	1500	1014·1	−24	SE	3	pr$_o$	54	85	8	8	1	–	7-8	9	1500	1	2	c	cpr$_o$	pr$_o$ rr	cr$_o$r$_o$c	5·5
16	Lerwick ...	1016·1	o	W'N	4	c	55	65	8	6	2	–	4-6	9	1500	1014·3	−12	S'W	4	c	53	95	8	5	7	–	2-3	7-8	1500	0	*	bcc	c	ciro o$_o$o$_o$b	cro$_o$r$_o$m$_o$	10·3
17	Blacksod Point	1021·5	−10	WSW	3	ID	60	95	9	6	–	–	10	10	2500	1020·2	−10	SW	3	dd	60	95	6	6	–	–	10	10	800	1	3	IDR	dd	D	D	1·1
18	Malin Head ...	1019·6	−10	W'S	3	c/d	60	95	7	8	–	–	10	10	800	1017·0	−20	SW'W	4	id	60	95	7	8	–	–	10	10	800	1	1	cpd	cid	cid.	cid r	0·3
	Aldergrove ...	1021·4	−10	SW'S	4	c	61	85	8	5	2	–	9+	10	1500	1019·0	−10	SW	4	ir$_o$	63	95	8	6	–	–	10	10	800	1	*	cod$_o$d$_o$c	coidbir$_o$	r$_o$r$_o$crrc	c o	6·8
19	Birr Castle ...	1023·8	−10	SW	2	c/d	63	85	8	5	–	–	10	10	2500	1022·3	−8	SW	2	id	64	85	7	6	–	–	10	10	1500	1	*	coid	ID	oidc	c	9·4
20	Valentia Obsy.†	1026·1	−6	SW'W	3	id	61	95	6	5	–	–	10	10	450	1025·2	−8	WSW	4	c	62	95	7	5	–	–	10	10	800	0	2	ir$_o$id	id ofc	id$_o$r$_o$r$_o$	r$_o$r$_o$c	11·2
	Roches Point	1025·5	−6	SW	2	c	63	85	8	5	1	–	4-6	9+	1500	1024·3	−8	W	2	c/r	65	85	9	6	1	–	4-6	9+	1500	1	2	bcc	cir$_o$c	cpr$_o$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 Ragged low clouds of bad weather. (or. Fracto-nimbus).
7 Fair weather Cu and St-Cu.
8 Large-Cu (or Cu-Nb) and St-Cu.
9 Large-Cu (or Cu-Nb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

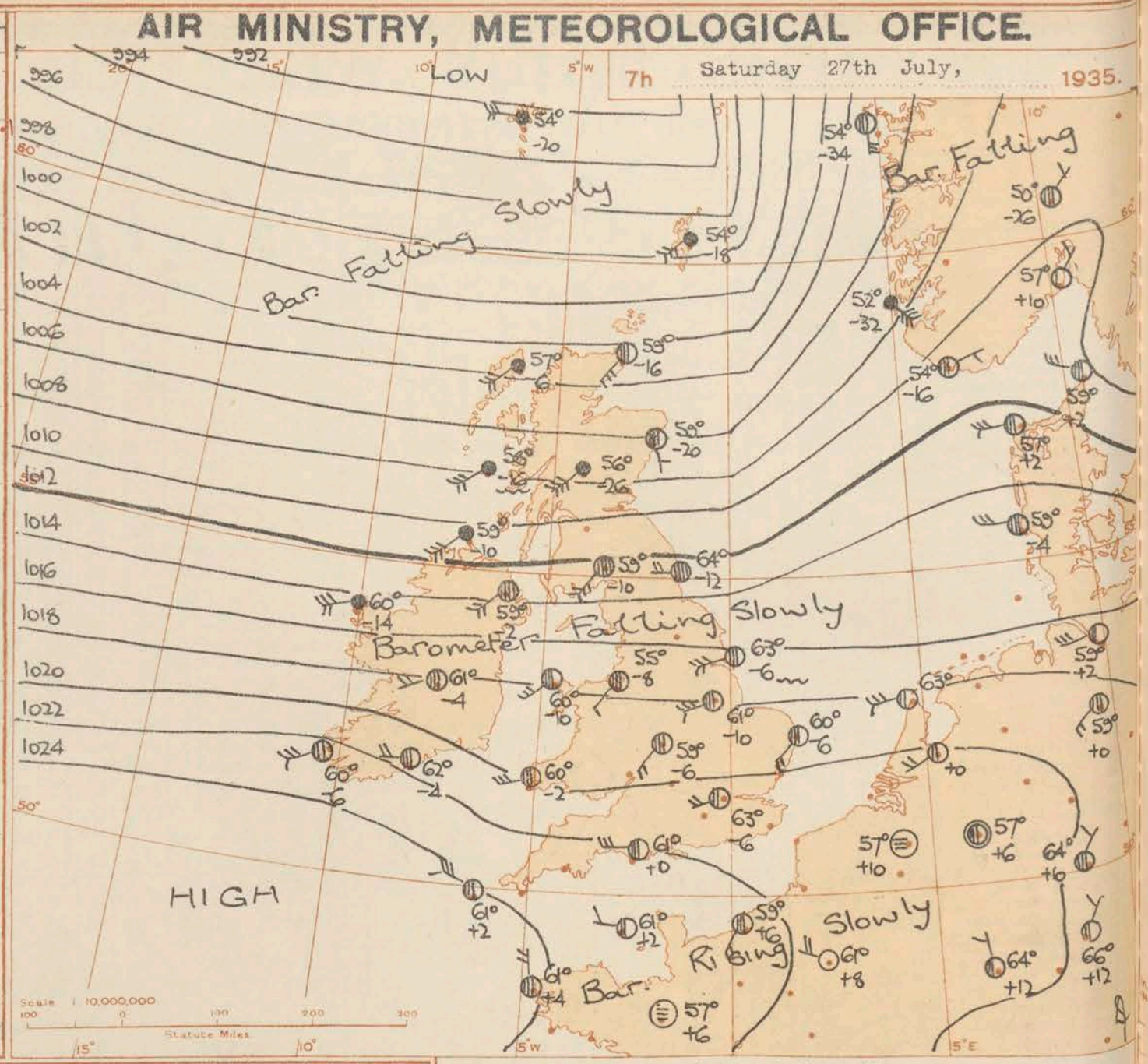
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

§ Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 25th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h.25th to 9h.26th.	Temperature. Max. 9h.—17h. 26th.	Rainfall. Night. 17h.25th. to 9h.26th.	Rainfall. Day. 9h.—17h. 26th.	Sunshine. Sunrise to 17h. 26th.	Sunshine. Sunrise to Sunset. 25th.
1	Tunbridge W.	bc	bc	51	77	–	–	10·3	~~9·6~~ (10·0)
	Bournemouth	cb	c	58	77	–	–	5·8	12·8
	Ventnor ...	cbcz	bc	59	76	–	–	8·9	12·8
	Southsea ...	bbc	bbc	59	77	–	–	7·0	11·9
	Bognor Regis	bcbc	bcbc	59	77	–	–	8·2	12·7
	Littlehampton	bc	bc	57	80	–	–	8·7	13·5
	Worthing ...	bcb	bcb	59	76	–	–	9·8	13·1
	Brighton ...	bcb	bbc	55	79	–	–	9·5	13·1
	Eastbourne† ...	bcyb	bbcy	58	78	–	–	10·9	12·6
	Hastings† ...	bcbcc	bcbbc	58	76	–	–	10·9	12·9
	Folkestone ...	bc	bc	58	75	–	–	10·4	11·5
	Dover ...	by	bc	58	69	–	–	10·9	8·2
	Deal	bc	bc	54	73	–	–	10·6	6·1
	Ramsgate ...	bc	bcy	58	70	–	–	10·9	7·5
	Margate ...	bc	bc	59	69	–	–	10·7	7·7
2	Southend ...	cbcb	bbcc	57	78	–	–	10·8	10·8
	Maldon ...	b	bbc	51	76	–	–	10·8	12·3
	Clacton-on-Sea	bc	bcc	55	70	–	–	8·6	10·9
	Dovercourt ...	bc	bcc	55	70	–	–	9·5	12·4
	Lowestoft ...	bc	bc	52	68	–	–	9·2	7·9
	Skegness ...	bco	obc	54	65	–	–	4·5	12·8
	Mablethorpe...	bcbc	bcc	52	64	–	–	5·4	12·8
	Cleethorpes ...	c	bc	56	72	–	–	5·0	13·5
3	Leamington S.	c	c	52	71	–	–	5·2	11·9
4	Cheltenham†	mbcc	cc	52	76	–	–	7·3	11·7
5	Bath	b	bbcc	55	74	–	–	9·6	11·5
	Weymouth ...	bcb	cby	60	76	–	–	6·3	12·9
	Jersey ...	b	bc	61	74	–	–	8·5	14·3
	Torquay ...	bcb	bbcy	56	74	–	–	9·0	11·8
	Penzance ...	bbcb	b	58	70	–	–	7·5	12·3
	St. Ives ...	b	b	58	68	–	–	9·7	12·3
	Bude... ...	bc	bc	48	65	–	–	7·7	12·5
	Ilfracombe ...	bc	cbc	60	67	–	–	7·5	11·3
6	Aberystwyth	c	bcc	49	65	–	–	3·9	14·3
7	Llandudno ...	cbcc	bcc	57	68	–	–	3·4	12·7
	Colwyn Bay...	oc	cbc	54	68	–	–	3·5	13·6
	Rhyl	c	cbc	51	68	–	–	4·0	12·9
8	Wallasey ...	c	cbcb	59	67	–	–	1·6	12·2
	Southport‖ ...	cbc	bcco	56	67	–	–	3·8	11·6
	Blackpool ...	c	c	58	67	0·1	–	3·1	12·3
	Morecambe ...	cbc	cbcc	56	65	–	–	0·9	12·2
9	Ilkley... ...	bc	bc	49	69	–	–	4·2	12·0
	Harrogate ...	bc	b	50	70	–	–	5·2	12·1
10	Berwick-on-T.	c	cbc	53	70	–	–	6·3	3·1
11	Dunbar ...	bc	bc	54	64	–	–	6·0	1·1
12	Troon... ...	oco	coro	55	62	–	Tr	2·0	1·0
	Douglas ...	cbc	cbc	53	66	–	–	1·4	10·9

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ...	Light to moderate southwest to west wind; fine, but with considerable amounts of high cloud; warm and close.
4 W. Midlands 5 S.W. England 6 South Wales ...	Light westerly wind; fair; rather warm and close; patches of fog on the coast.
7 North Wales ... 8 N.W. England 9 N. Midlands	Moderate southwest wind; mainly cloudy; occasional slight drizzle; rather warm and close.
10 N.E. England 11 S.E. Scotland	Moderate southwest wind; mainly cloudy, brighter intervals; rather warm.
12 S.W. Scotland & Isle of Man.	Moderate southwest wind; cloudy; occasional rain or drizzle, mainly slight; average temperature.
13 { A. W. Scotld. B.N.W. Scotland.	Fresh southwest wind, veering and decreasing; occasional rain; bright intervals later; average temperature.
14 Mid Scotland	As 12 - 13A.
15 N.E. Scotland 16 Orkney and Shetland	As 13B.
17 N.W. Ireland	As 12 - 13A.
18 N.E. Ireland 19 S.E. Ireland	As 7 - 9.
20 S.W. Ireland	As 12 - 13A.

H.M. Stationery Office Press Kingsway WC2 9212 2304 wt 8081 8 6001 Gp 908 29760 7/35

BAROMETER. Isobars are drawn for intervals of two millibars
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded ◕ Sky 6/10 to 9/10 clouded ● Overcast sky. ● Rain falling ✳ Snow ✳ Sleet ▲ Hail ≡ Fog ≡ Mist T Thunder ↯ Thunderstorm. ∞ Slight haze
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred north of the Azores extends eastwards across France and Southern England while a depression over Iceland is moving eastwards. There will be occasional rain or drizzle in the North and West but it will be fair, warm and close in Southern and Central England.

FURTHER OUTLOOK.

Fair and rather warm in the South and East; occasional rain in the North and Northwest.

Forecasts issued at 1020 G.M.T.

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

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

Morning of

SATURDAY
27TH JULY,

1935.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 27th July, 1935.

No. 26910.

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	1024.4	-6	S'E	3	D	57	95	7	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1022.3	-4	–	0	D	55	95	8	–	–	–	0	0	–
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1020.6	-4	SW'S	3	b	58	85	7	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022.1	-2	NNW	3	b	60	85	8	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1024.6	-2	WNW	2	c	59	95	8	7	7	7	2-3	10	4000
	Scilly (St.Mary's)	163	1025.1	-6	WNW	2	f	60	95	3	-	-	-	10	10	450
	Guernsey ..	175	1023.0	0	NW	1	b	58	95	7	–	–	–	0	0	–
6	Pembroke ...	142	1022.0	-6	W'S	3	C	60	95	7	5	-	–	10	10	2500
7	Holyhead ...	26	1019.2	-12	WSW	4	C	60	95	7	5	-	–	6	10	2500
	Chester(Scaland)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1019.1	-2	W'S	3	C	60	85	7	5	2	–	2-3	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1018.5	-16	SW	2	r	61	85	7	6	-	-	10	10	1500
11	Inchkeith ...	190	1012.9	-22	SW	4	r	59	95	8	6	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1017.1	-16	SW	5	r	61	95	7	6	–	–	10	10	800
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1018.7	-22	SW	4	r	58	95	6	6	2	–	7-8	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1015.3	-30	SSW	4	r	56	95	8	6	2	–	7-8	10	1500
16	Lerwick ...	156	1014.7	-30	S'W	6	r	52	95	6	6	–	–	10	10	2500
17	Blacksod Point	18	1018.0	-10	SW	5	D	59	95	6	6	–	–	10	10	800
18	Malin Head ...	52	1014.2	-14	SW'W	4	c	59	95	7	9	–	–	9+	9+	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023.4	-10	SW'S	4	d	60	95	5	5	–	–	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)	1020.6	-4	SW	2	c	62	75	6	-	4	2	0	7-8	-	0	*
	Croydon ...	1020.5	-6	WSW	2	bc	63	75	8	-	4	9	0	4-6	-	0	*
	S. Farnborough	1021.0	-4	WSW	1	bc	61	85	7	5	4	2	Tr	4-6	4000	0	*
	Boscombe Down	1021.2	-2	W'S	2	c	59	95	7	5	3	-	1	7-8	800	1	*
	Calshot (Sthmtn.)	1021.7	0	SW'W	2	bc	62	85	8	-	4	5	0	4-6	-	0	§
	Lympne ...	1021.3	-4	W	2	bc	61	75	6	-	4	4	0	4-6	-	0	*
	Manston ...	1020.5	-6	WSW	2	bc	62	75	7	-	3	8	0	2-3	-	0	*
2	Shoeburyness ...	1020.3	-4	SW	2	bc	64	95	6	-	3	6	0	4-6	-	0	*
	Felixstowe ...	1019.7	-8	SW	3	bc	63	85	5	5	3	1	1	4-6	5700	0	1
	Gorleston ...	1018.9	-6	SW'W	2	c	60	85	7	5	3	-	4-6	7-8	2500	0	2
	Mildenhall ...	1019.0	-4	SW	3	c	61	95	8	5	-	-	9+	9+	4000	0	*
	Cranwell ...	1017.9	-10	WSW	4	c	61	85	7	5	3	9	4-6	9+	5700	0	*
3	Birmingham ...	1019.2	-6	SW	2	c	59	85	8	5	-	-	9+	9+	1500	0	*
	Upper Heyford	1019.9	-8	WSW	4	c	61	85	7	5	4	-	9	9+	1500	0	*
4	Ross-on-Wye	1019.4	-6	SW'S	3	c	62	85	7	5	7	-	9	9+	2500	0	*
5	Portland Bill ...	1022.1	0	WNW	3	c	61	85	8	4	-	-	7-8	7-8	2500	0	2
	Plymouth ...	1022.6	-2	W	1	o	59	95	5	5	-	-	10	10	450	0	0
	The Lizard ...	1023.6	+4	WNW	3	o	60	95	6	5	-	-	10	10	1500	0	2
	Scilly (St.Mary's)	1024.2	+2	NW	4	c	61	95	7	5	-	-	10	10	2500	0	2
	Guernsey ..	1023.0	+2	WNW	1	bc	61	85	7	1	1	8	1	4-6	2500	0	1
6	Pembroke ...	1020.0	-2	W	3	o/f	60	95	7	5	7	-	7-8	9	1500	0	2
7	Holyhead ...	1017.2	-10	SW	3	c	60	85	8	7	9	-	2-3	9+	2500	0	2
	Chester(Scaland)	1017.3	-8	SW'W	1	c	55	75	8	5	7	-	7-8	9+	2500	0	*
8	Manchester ...	1017.0	-18	W'S	1	c	62	95	6	5	2	-	7-8	10	1500	0	*
10	Spurn Head ...	1016.2	-6	WSW	5	c	63	85	7	5	7	9	4-6	9	2500	0	4
	Catterick ...	1014.1	-6	W'S	3	c	62	95	6	5	2	-	9	10	800	0	*
	Tynemouth ...	1012.3	-12	W	2	o	64	85	7	6	-	-	10	10	1500	1	1
11	Inchkeith ...	1010.5	-18	SW	4	c	60	95	8	8	-	-	10	10	1500	0	3
	Leuchars ...	1008.1	-14	WSW	5	c	60	85	8	5	7	-	7-8	9+	1500	1	*
12	Renfrew (Abbots L.)	1010.5	-14	SW'S	4	r	60	95	6	6	-	-	10	10	450	1	*
	Eskdalemuir ...	1011.9	-10	SW'W	5	o/r	59	95	7	5	-	-	10	10	1500	1	*
	Point of Ayre...	1014.3	-8	W	5	c	60	85	7	5	-	-	9	9	1500	0	3
13A	Tiree	1007.8	-16	SW'W	5	r	58	95	6	6	2	-	7-8	10	800	1	4
13B	Stornoway ...	1003.5	-6	SW	5	r	57	95	6	6	2	-	7-8	10	800	1	3
15	Dalwhinnie ...	1007.9	-26	SW	6	ir	56	95	7	3	2	-	4-6	9	800	1	*
	Aberdeen ...	1005.1	-20	S	1	c	59	95	7	5	7	-	1	9+	4000	1	1
	Wick ...	1002.3	-16	SW	3	c	59	95	8	8	1	-	7-8	10	1500	1	2
16	Lerwick ...	997.7	-18	SW	5	r	54	95	6	6	-	-	10	10	450	1	*
17	Blacksod Point	1015.1	-14	WSW	5	D	60	95	6	6	-	-	10	10	800	1	3
18	Malin Head ...	1010.7	-10	SW'W	5	D	59	95	6	9	-	-	10	10	800	1	1
	Aldergrove ...	1013.7	-14	SW	5	o	59	95	8	5	-	-	10	10	450	1	*
19	Birr Castle ...	1019.0	-4	WSW	2	c	61	85	8	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy. †	1022.1	-6	WSW	4	c/r	60	95	7	5	-	-	9+	9+	450	1	3
	Roches Point	1021.1	-4	W	2	c	62	95	9	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 26th Hrs. (36)
1	London (Kew)	75	57	49	–	–	11.4
	Croydon ...	75	55	51	–	–	10.5
	S. Farnborough	78	51	39	–	–	9.7
	Boscombe Down	73	52	48	–	–	10.6
	Calshot (Sthmtn.)	77	54	50	–	–	8.9
	Lympne ...	73	53	45	–	–	11.0
	Manston ...	70	51	45	–	–	11.2
2	Shoeburyness ...	77	58	47	–	–	10.7
	Felixstowe ...	69	59	51	–	–	8.5
	Gorleston ...	66	56	55	–	–	9.0
	Mildenhall ...	73	56	52	–	–	8.2
	Cranwell ...	70	56	53	–	–	5.1
3	Birmingham ...	70	57	50	–	–	5.6
	Upper Heyford	71	51	44	–	–	*
4	Ross-on-Wye	72	54	45	–	–	6.9
5	Portland Bill ...	71	59	*	–	–	*
	Plymouth ...	72	56	52	–	–	9.8
	The Lizard ...	70	56	*	–	–	*
	Scilly (St.Mary's)	68	59	*	–	–	10.3
	Guernsey ..	69	56	52	–	–	9.0
6	Pembroke ...	64	58	*	–	–	6.4
7	Holyhead ...	66	59	59	–	–	3.1
	Chester(Scaland)	68	61	58	Tr	–	4.2
8	Manchester ...	68	60	58	Tr	Tr	7.2
10	Spurn Head ...	68	58	*	–	–	8.8
	Catterick ...	72	59	57	–	4	5.0
	Tynemouth ...	69	60	57	Tr	1	*
11	Inchkeith ...	63	58	57	–	0.4	4.1
	Leuchars ...	69	59	57	–	0.5	4.7
12	Renfrew (Abbots L.)	65	59	58	Tr	3	3.7
	Eskdalemuir ...	67	56	56	Tr	3	5.6
	Point of Ayre...	69	59		–	Tr	1.0
13A	Tiree	60	57	56	2	8	0.0
13B	Stornoway ...	57	55	*	0.4	9	0.1
15	Dalwhinnie ...	62	53	52	–	3	1.6
	Aberdeen ...	61	56	56	–	5	4.6
	Wick ...	59	52	*	Tr	6	*
16	Lerwick ...	56	51	*	–	3	8.0
17	Blacksod Point	61	59	*	1	1	*
18	Malin Head ...	62	58	*	2	3	0.0
	Aldergrove ...	63	59	58	0.1	2	0.0
19	Birr Castle ...	64	59	58	1	Tr	0.0
20	Valentia Obsy. †	62	60	59	0.6	1	0.0
	Roches Point	65	60	*	0.1	Tr	*

LONDON OBSERVATIONS

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
KEW	18	c	c	cbbc$_3$	75	57	49	-	-	11.4	*	*	7
CROYDON	217	c$_2$	bc	c	75	55	51	–	–	10.5	*	*	8
GREENWICH (Royal Observatory)...	149	c	bc	cbm$_0$	79	55	47	-	-	9.4	35	59	7
CITY (Bunhill Row)	—	*	*	*	*	*	*	*	*	10.7	*	*	*
WESTMINSTER (St. James' Park) ...	27	*	*	*	78	58	51	–	–	11.5	58	65	*
REGENTS PK. (Botanic Gardens)†...	168	*	*	*	78	58	55	–	–	11.5	51	73	*
CAMDEN SQUARE	110	bc	bbcc	*	79	58	53	-	-	*	*	66	*
KENSINGTON	80	bc	bc	*	76	58	50	-	-	11.1	At 18h. 47	66	*
HAMPSTEAD OBSERVATORY	450	b	b	b	76	55	40	-	-	11.4	*	78	*

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	23h 26h.	0.04	12-14h. 2.5h.

KEW OBSERVATORY.

Max.	Time.	Min.	Time.
0.1	22h 26h.	0.04	14h 2.6h.

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.
PARIS	1017.9	NNW	5	bc	79	1021.8	NW	2	b	61
BRUSSELS	1018.4	N'W	3	c	72	1021.1	–	0	F	57
BERLIN	1013.7	NW	3	b	73	1017.1	NW	3	c	61
ZÜRICH	1016.2	W	1	c	70	1018.7	ENE	1	bc	63
ROME	1015.1	W	3	b	79					

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
82	57	–	–
77	50	–	–
77	55	–	–
81	59	–	–
*	*	–	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 —Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 28th July, 1935.
No. 26911.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)
1	London (Kew)	1018·7	-12	WSW	4	c	72	55	8	5	-	-	9	9	2500
	Croydon ...	1018·4	-10	SW'W	4	c	72	65	8	5	3	-	7-8	9+	4000
	S. Farnborough	1018·6	-18	WSW	4	c	77	55	8	5	5	8	9+	9+	4000
	Boscombe Down	1019·2	-14	W	4	c	73	65	7	7	3	-	4-6	7-8	2500
	Calshot (Sthmtn.)	1020·3	-10	SW'S	5	c	72	75	8	7	7	1	4-6	7-8	2500
	Lympne ...	1019·0	-14	WSW	4	c	74	55	8	7	4	8	4-6	9	4000
	Manston ...	1018·1	-14	WSW	5	c	75	55	8	5	-	8	7-8	9	4000
2	Shoeburyness ...	1018·1	-20	W'S	3	c	73	55	7	8	1	-	7-8	9	2500
	Felixstowe ...	1017·0	-20	SW	5	c	73	55	7	7	-	6	4-6	7-8	2500
	Gorleston ...	1016·1	-16	SW	4	bc	71	65	7	1	-	6	2-3	4-6	4000
	Mildenhall ...	1016·0	-18	WSW	4	c	76	55	7	5	7	6	2-3	9+	2500
	Cranwell ...	1014·7	-22	SW	5	c	75	45	7	5	1	8	4-6	9	2500
3	Birmingham ...	1016·8	-10	WSW	4	c	72	55	8	5	7	2	1	7-8	4000
	Upper Heyford	1018·1	-6	WSW	4	bc	73	55	8	4	-	4	4-6	7-8	2500
4	Ross-on-Wye	1018·2	-4	SSW	3	c	69	65	8	5	7	1	7-8	9	2500
5	Portland Bill ...	1021·0	-10	WSW	4	c	63	85	8	4	4	-	7-8	9+	2500
	Plymouth ...	1022·4	+2	NW'W	4	c/pr$_o$	66	75	8	5	-	-	10	10	1500
	The Lizard ...	1023·7	+2	W'N	4	c	63	85	8	5	2	-	7-8	9+	1500
	Scilly (St.Mary's)	1024·2	0	W'N	4	c/d	64	85	8	5	-	-	10	10	2500
	Guernsey ...	1022·8	-4	W'N	3	bc	69	75	7	8	-	-	4-6	4-6	2500
6	Pembroke ...	1019·3	-6	WSW	3	c	64	85	7	8	7	-	2-3	7-8	4000
7	Holyhead ...	1015·4	-12	SW'S	5	c/r	60	85	8	7	9	-	7-8	10	800
	Chester(Sealand)	1015·4	-14	SW	4	c	69	65	8	5	9	-	2-3	9+	2500
8	Manchester ...	1014·6	-18	WSW	5	c	69	65	7	5	7	-	7-8	10	2500
10	Spurn Head ...	1012·9	-8	W'S	5	pr$_o$	72	65	7	5	2	-	4-6	9	2500
	Catterick ...	1010·1	-24	W	4	c	64	85	8	5	2	-	4-6	10	800
	Tynemouth ...	1008·6	-16	W	4	c	68	65	7	9	-	-	7-8	7-8	1500
11	Inchkeith ...	1006·4	-10	SW	5	c	61	85	8	8	-	-	10	10	1500
	Leuchars ...	1005·0	-10	WSW	5	c	67	75	8	5	-	-	10	10	1500
12	Renfrew (Abbots I.)	1008·2	-4	WSW	5	r$_o$r$_o$	60	95	6	6	-	-	10	10	800
	Eskdalemuir ...	1008·5	-16	SW'W	5	r$_o$r$_o$	59	95	5	6	2	-	7-8	10	800
	Point of Ayre...	1011·9	-16	W	5	cq	65	85	7	8	-	-	10	10	1500
13A	Tiree	1007·5	0	WSW	4	c	58	95	7	5	-	-	9	9	1500
13B	Stornoway ...	1002·6	-10	W	5	c/pr	56	85	7	8	2	-	4-6	10	1500
15	Dalwhinnie ...	*	-4	W	5	c	60	75	8	4	2	-	4-6	10	2500
	Aberdeen ...	1003·5	-10	SE'S	1	rr	62	85	7	6	7	-	7-8	10	2500
	Wick ...	1001·9	-4	WSW	3	c	60	85	8	8	1	-	7-8	9	1500
16	Lerwick ...	997·3	+2	W	6	ir	52	95	7	8	2	-	7-8	10	800
17	Blacksod Point	1014·0	-8	W	4	DD	60	95	6	6	-	-	10	10	800
18	Malin Head ...	1009·4	-6	WSW	4	DD	59	95	6	9	-	-	10	10	450
	Aldergrove ...	1011·6	-10	WSW	5	id$_o$	62	95	8	5	-	-	10	10	800
19	Birr Castle ...	1017·1	-6	WSW	3	c/d	64	95	7	5	-	-	10	10	2500
20	Valentia Obsy. †	1021·7	-2	WSW	5	o	61	95	7	5	-	-	10	10	450
	Roches Point	1019·5	-6	WNW	3	bc	70	75	9	8	-	1	4-6	4-6	2500

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. °F. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sea. 0–9 (30)
1	London (Kew)	1016·9	-4	WSW	3	c	72	65	8	7	9	2	1	9	4000	0	*
	Croydon ...	1016·8	-2	W'S	4	c	73	65	9	1	4	2	1	9	4000	0	*
	S. Farnborough	1017·7	+2	W	4	bc	72	65	8	1	-	8	Tr	7-8	4000	0	*
	Boscombe Down	1018·5	~~-6~~ -2	W	4	c	67	75	8	7	3	1	4-6	9	1500	0	*
	Calshot (Sthmtn.)	1018·9	-2	SW'S	4	bc	69	85	8	7	9	-	2-3	7-8	2500	0	2
	Lympne ...	1018·1	0	SW'W	4	c	66	75	8	-	9	2	0	7-8	-	0	§4
	Manston ...	1016·2	-10	WSW	5	c	70	65	8	-	3	6	0	9	-	0	*
2	Shoeburyness ...	1016·0	-8	W	4	c	75	55	8	-	2	8	0	9	-	0	*
	Felixstowe ...	1015·2	-10	WSW	3	c	75	55	7	-	6	6	0	9	-	0	2
	Gorleston ...	1013·0	-12	SW'W	3	c	76	55	7	-	7	-	0	9	-	0	2
	Mildenhall ...	1014·0	-6	W'S	4	c	75	55	7	-	7	6	0	9+	-	0	*
	Cranwell ...	1013·1	-14	WSW	6	c	72	65	8	5	1	1	9	9+	2500	0	*
3	Birmingham ...	1015·5	-4	WSW	4	c	70	65	8	5	-	-	9+	9+	2500	0	*
	Upper Heyford	1016·5	-8	WSW	4	c	69	76	8	4	7	8	1	9	4000	0	*
4	Ross-on-Wye	1017·2	-6	SW'W	2	c	68	75	7	5	7	-	9	9+	2500	0	*
5	Portland Bill ...	1019·8	-6	W	4	c	63	85	8	4	4	-	4-6	7-8	2500	0	3
	Plymouth ...	1021·5	-6	W	4	c/pr$_o$	65	85	8	5	-	-	9+	9+	1500	0	2
	The Lizard ...	1022·9	-6	W'N	4	c	61	95	8	5	-	-	10	10	1500	0	2
	Scilly (St.Mary's)	1023·0	-6	W'N	5	c	62	95	7	5	-	-	10	10	2500	0	2
	Guernsey ...	1022·6	-2	WNW	5	c	65	85	8	8	-	-	7-8	7-8	2500	0	3
6	Pembroke ...	1018·0	-10	W	5	oz$_o$	61	95	6	5	-	-	10	10	800	0	3
7	Holyhead ...	1014·1	0	SW'W	4	c	63	85	7	5	7	-	4-6	10	800	0	2
	Chester(Sealand)	1013·3	-10	SW	5	c	70	75	7	5	9	1	4-6	7-8	1500	0	*
8	Manchester ...	1012·9	-12	WSW	4	o	67	75	7	6	-	-	10	10	1500	0	*
10	Spurn Head ...	1010·5	-8	W	6	c	68	85	7	5	2	-	4-6	9	2500	0	5
	Catterick ...	1009·5	-6	W	4	id$_o$	64	95	8	6	2	-	4-6	10	1500	1	*
	Tynemouth ...	1008·7	+4	W	4	o	65	85	7	6	-	-	10	10	1500	1	1
11	Inchkeith ...	1006·7	0	SW	4	c	61	75	8	8	-	-	7-8	7-8	2500	0	3
	Leuchars ...	1005·0	0	W	5	bc	66	65	9	7	4	-	2-3	2-3	2500	0	*
12	Renfrew (Abbots I.)	1008·1	0	WSW	5	c	60	75	8	8	4	-	4-6	7-8	800	1	*
	Eskdalemuir ...	1008·7	-2	W	5	c	57	95	8	5	-	-	9+	9+	1500	1	*
	Point of Ayre...	1011·5	-6	WNW	5	rr	61	95	6	6	-	-	10	10	450	1	3
13A	Tiree	1008·7	+6	W	5	c	58	85	7	5	7	-	4-6	7-8	2500	0	4
13B	Stornoway ...	1002·6	+4	W	5	c/pr$_o$	56	75	7	8	7	-	4-6	9	1500	1	3
15	Dalwhinnie ...	1007·0	0	W	6	bc	58	65	8	1	-	-	2-3	4-6	2500	0	*
	Aberdeen ...	1003·1	0	W'N	4	bc	67	55	8	8	4	-	4-6	4-6	2500	1	2
	Wick ...	1000·8	-6	WSW	4	c	59	75	8	8	7	-	4-6	7-8	1500	1	2
16	Lerwick ...	999·2	-16	W	6	c r	52	95	7	9	7	-	7-8	9	800	1	*
17	Blacksod Point	1014·7	-6	W	4	c	60	95	7	5	-	-	10	10	800	1	3
18	Malin Head ...	1011·1	+8	W	4	c	59	85	7	8	-	-	9+	9+	1500	1	2
	Aldergrove ...	1012·0	+4	W	4	ir$_o$	61	95	8	6	2	-	9+	10	800	1	*
19	Birr Castle ...	1016·3	+2	WSW	3	id	62	95	7	6	-	-	10	10	1500	1	*
20	Valentia Obsy. †	1021·1	+4	WSW	5	om$_o$	61	95	6	5	-	-	10	10	450	1	3
	Roches Point	1018·7	-8	WNW	3	bc	69	75	8	7	4	-	2-3	2-3	2500	0	2

PAST 24 HOURS.

Weather. 7h.—13h. 27th. (37)	13h.—18h. 27th. (38)	18h. 27th. to 1h. 28th. (39)	1h.—7h. 28th. (40)
bc z$_o$	c	bcc	ccr$_o$
bcc	cyvc	cbcb-o	ocpddd$_o$
cbcc	cybcy	bcbbc	bcid$_o$
c	c	c	cid$_o$r
bcc	cbc	bcbbc	bcc
bccy	cybcc	cbcc-b	bwcoc
bcc	cbcc	bcbbc	bccoid$_o$
bcmc	cbcyc	bcb	ccir$_o$
bcz$_o$cy	cy	cyb	b,cid$_o$c
cbcq	bccy	ca	cir$_o$q
c	c	cbc	bcc
cy	cyc	cpre	bcb
cbcc	cbcc	c	c
cbc	cbccy	cbc	bcc
cbcc	c	cbcc	c
c	c	cr$_o$bc	bcc
cm$_o$cpr$_o$	cpr$_o$	cpr$_o$	om$_o$d$_o$d$_o$
oc	c	cyfam	omfid
cid$_o$	c	fmido	ifffe
bcc	bcc	oid	oid.
cm$_o$c	cm$_o$q$_o$o	oa$_o$i$_o$m$_o$o	~~c~~bc
cbc ir$_o$	cir$_o$c	id$_o$c	
c	cbcc	oDRm$_o$	cirRcv
cjpc	cid$_o$c	oDD	bc
cpr$_o$	pr$_o$c	qcbc	bcq
cd$_o$	cirlo	qid$_o$c	cbc
cir$_o$c	co	obc	bc
c	c	cbc	pc
cr$_o$c	cbc	bcb	b
om$_o$fd$_o$	om$_o$r$_o$cq	cq	cobcpr$_o$
ir r$_o$r$_o$	r$_o$r$_o$ ir$_o$	pr$_o$bc	bcc
cpr$_o$	orr	prcbc	bcco.
oridc	c	c	cpr$_o$
cr$_o$r$_o$ pr	cpr$_o$	cpr$_o$	cpr$_o$q$_o$
c	bc	c	c
cpr, cr$_o$	cirbcy	bcy	bcby
c	cr$_o$rrc	cbroc	cpr$_o$c
ormcir	cir	cbrq.	cpr
DD	DD	iac	c
cDD	cid	cpr$_o$	c
cir$_o$id$_o$	oddcir$_o$	c	c
coid$_o$	oid	oid	oidc
ir$_o$o	o	~~oidirdd~~	~~irddoird~~
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.
p, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⚡ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus :—bc/r, fair weather after rain ; —, has decreased ; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13; 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

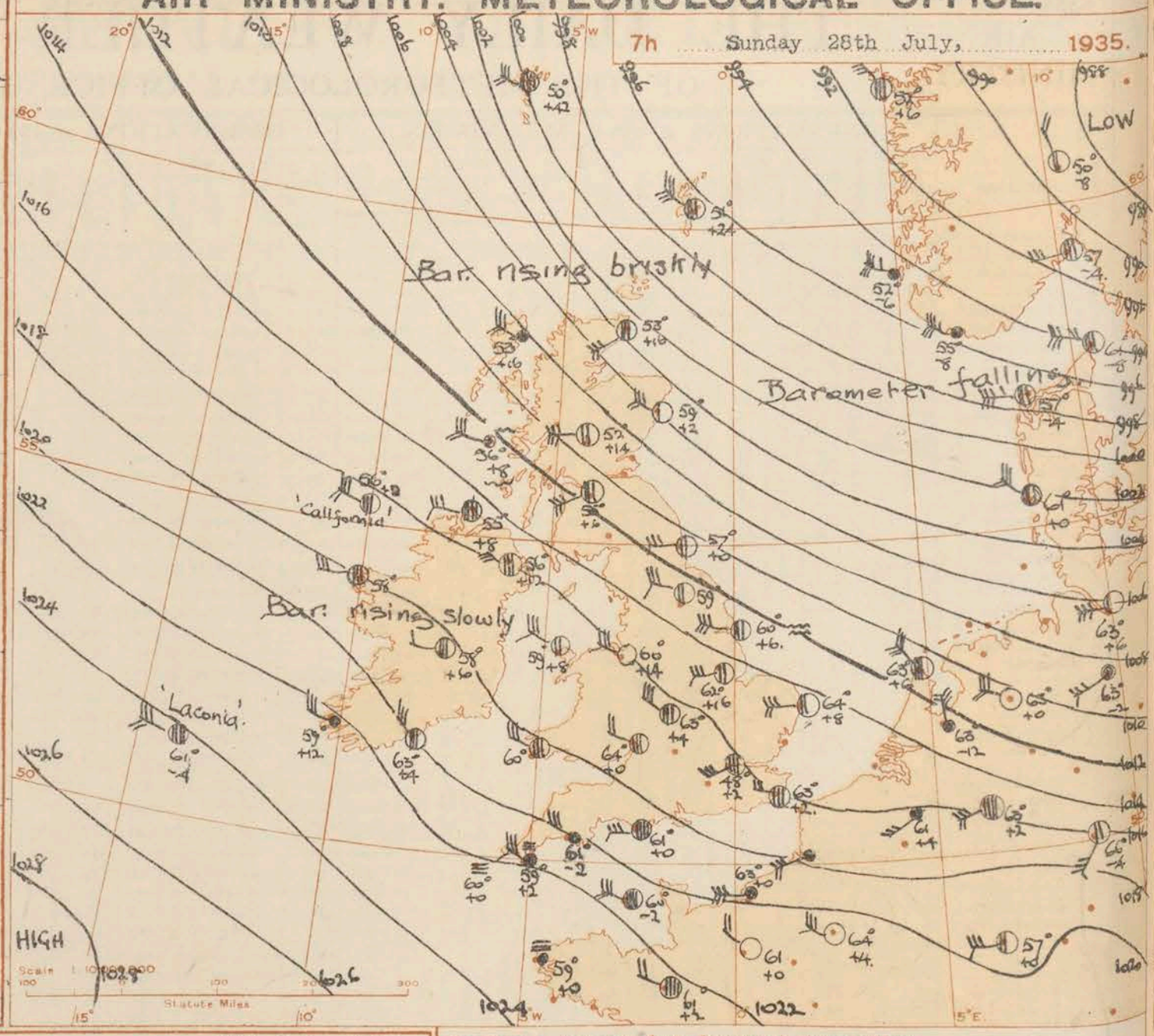
† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 27th July, 1935.

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.	bcc	bcc	49	75	–	–	6·7	11·0
	Bournemouth	bcbc	bcbc	56	76	–	–	6·7	7·9
	Ventnor ...	bcbc	bbc	58	70	–	–	9·0	10·4
	Southsea ...	bbcc	bbc	58	74	–	–	8·0	8·4
	Bognor Regis	bbc	bc	55	71	–	–	9·0	9·3
	Littlehampton	bc	bc	53	70	–	–	8·3	10·2
	Worthing ...	bbc	bc	57	71	–	–	8·7	12·0
	Brighton ...	b	bc	54	68	–	–	7·2	11·2
	Eastbourne† ...	b	bbc	55	70	–	–	11·5	11·2
	Hastings† ...	bbc	bcc	57	72	–	–	10·5	11·3
	Folkestone ...	bc	bc	53	73	–	–	11·0	11·0
	Dover ...	bc	bc	53	70	–	–	11·8	11·5
	Deal	b	bc	52	78	–	–	10·8	11·0
	Ramsgate ...	b	bbc	57	77	–	–	11·5	11·1
	Margate ...	bc	bc	56	77	–	–	11·3	10·8
2	Southend ...	bbcc	cbcc	57	79	–	–	7·5	10·9
	Maldon ...	bbcc	bbc	52	78	–	–	6·6	10·8
	Clacton-on-Sea	bc	bc	59	79	–	–	8·7	8·6
	Dovercourt ...	bcv	bc	56	78	–	–	9·1	9·5
	Lowestoft ...	c	c	55	79	–	–	5·3	9·5
	Skegness ...	obc	bcc	54	77	–	–	1·2	5·2
	Mablethorpe...	boc	coy	52	77	–	–	1·7	6·2
	Cleethorpes ...	o	o	55	73	0·6	–	0·8	5·9
3	Leamington S.	c	c	55	76	–	–	3·7	7·0
4	Cheltenham†	cc	bcq	54	75	–	–	5·0	9·5
5	Bath	cbc	cup	58	72	Trace	Trace	2·1	11·6
	Weymouth ...	bcb	c	56	71	–	–	3·5	7·1
	Jersey ...	bc	bc	60	76	–	–	8·5	11·0
	Torquay ...	bc	cobc	55	73	–	–	4·3	11·0
	Penzance ...	mc	c	58	70	Trace	–	0·7	8·2
	St. Ives ...	c	c	57	66	–	–	0·7	11·1
	Bude... ...	o	o	55	64	–	–	0·0	9·7
	Ilfracombe ...	bccom	ocom	59	65	–	–	0·4	9·9
6	Aberystwyth	c	c	60	66	–	–	0·2	*
7	Llandudno ...	bcc	dobc	61	71	–	Trace	3·5	3·4
	Colwyn Bay...	bcbcc	cbcc	61	73	–	–	2·8	3·5
	Rhyl	cbcc	c	61	71	–	–	2·0	4·4
8	Wallasey ...	bcc	c	61	71	–	–	0·7	3·0
	Southport‖ ...	oco	o	61	69	0·2	–	0·5	4·3
	Blackpool ...	c	c	60	66	–	–	0·1	3·1
	Morecambe ...	c	ifco	60	65	1·0	1·3	0·0	0·9
9	Ilkley... ...	odoco	odoor	59	65	1·3	2·1	0·0	4·5
	Harrogate ...	cido	cidr	58	65	2·7	0·4	0·1	6·8
10	Berwick-on-T.	oro	poo	57	65	1·5	0·3	0·0	7·1
11	Dunbar ...	bc	bc	57	66	0·3	—	0·4	6·0
12	Troon... ...	foro	ororo	58	61	3·3	1·5	0·0	2·0
	Douglas ...	cidq	cq	58	60	Trace	Trace	0·0	1·4

† 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. 28th July, 1935.
1 S.E. England	Moderate westerly wind; cloudy, slight showers locally, bright periods; average temperature.
2 E. England ...	
3 E. Midlands ...	Fresh west-northwest wind; cloudy, slight showers locally, bright periods; average temperature.
4 W. Midlands ...	
5 S.W. England	As 1.
6 South Wales ...	
7 North Wales	
8 N.W. England	As 2.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A. W. Scotland / B.N.W. Scotland.	Strong west-northwest wind, moderating later; cloudy, local showers, bright periods; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	Fresh to moderate west-northwest wind; cloudy, slight showers locally, bright periods; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	As 1.
20 S. W. Ireland	

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded. ◐ Sky 5/10 to 9/10 clouded. ◐ Overcast sky. ● Rain falling. * Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. T Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression over Scandinavia is moving eastwards and pressure is rising generally over the British Isles. In all districts there will be scattered showers and bright periods. Temperatures will be near the average.

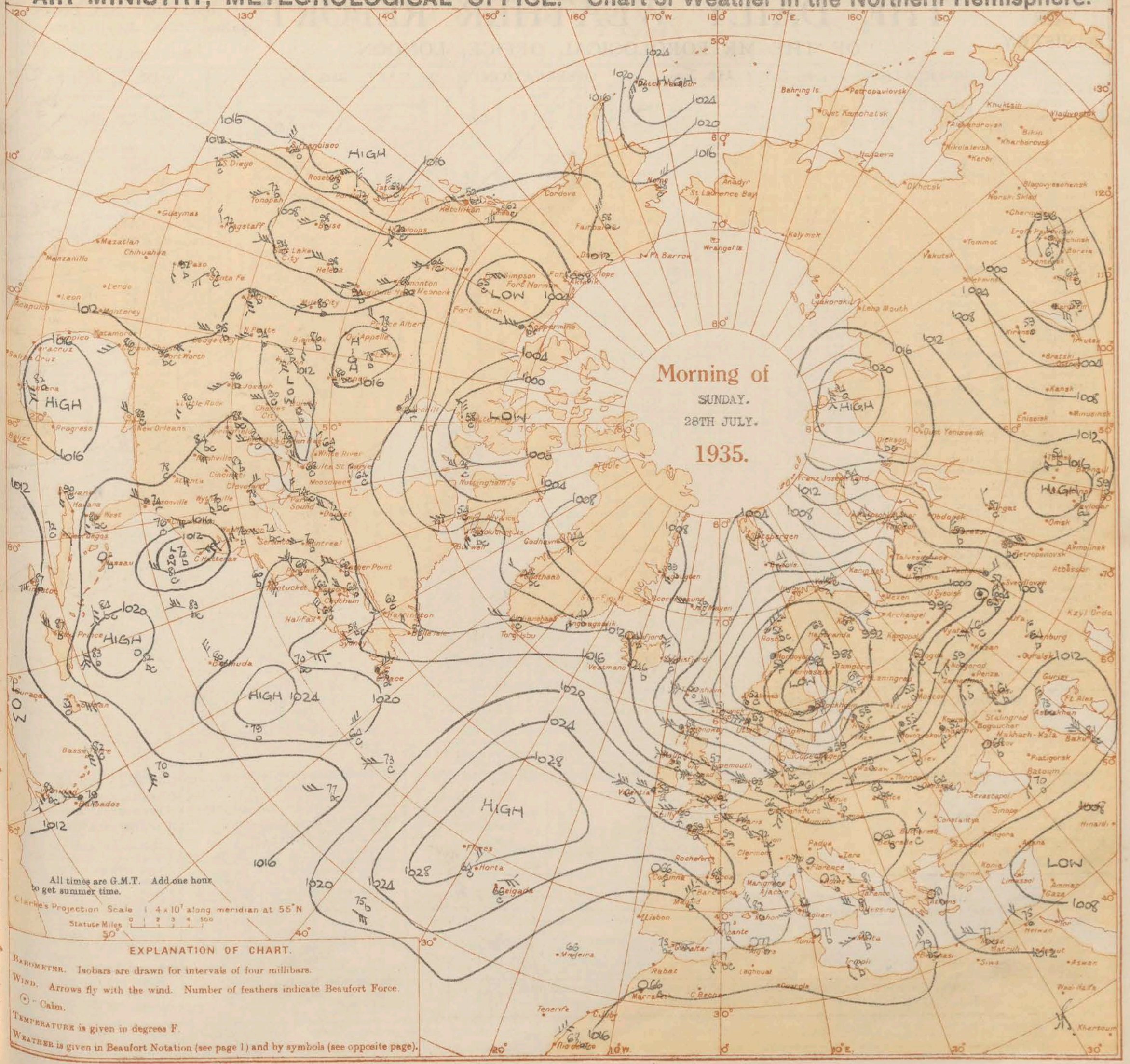
FURTHER OUTLOOK.

Fair in the South; showers and bright periods in the North.

Forecasts issued at 0935 G.M.T.

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

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



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, 28th July, 1935.
No. 26911.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1016.6	-6	WSW	3	0	64	85	6	5	-	-	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1017.5	-4	W	3	b	60	95	8	5	-	-	Tr	Tr	4000
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1002.3	-4	SW	4	c	66	85	7	5	-	-	9+	9+	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1018.9	-6	W	4	bc	61	95	7	4	-	-	4-6	4-6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022.2	-4	W'N	5	2o	59	95	5	5	-	-	10	10	1500
	Scilly (St.Mary's)	163	1022.6	-6	WNW	5	1do	59	95	6	5	-	-	10	10	800
	Guernsey ...	175	1022.4	-2	WNW	5	1do	60	95	7	5	-	-	10	10	1500
6	Pembroke ...	142	1017.5	0	W'N	5	0	60	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	1015.6	+10	W'S	4	c	61	95	7	5	-	-	9+	9+	2500
	Chester(Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1016.5	-4	WNW	6	q	63	85	7	5	7	-	2-3	4-6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1009.6	+4	W	4	bc	57	75	8	2	-	-	2-3	2-3	2500
11	Inchkeith ...	190	1008.2	+14	SW	4	bc	55	75	8	4	-	-	4-6	4-6	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre...	30	1013.9	*	NW	3	bc	57	95	8	9	-	-	2-3	2-3	1500
13A	Tiree ... * ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1005.2	+10	WNW	5	pro	53	95	7	8	-	-	10	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1000.7	-4	WSW	5	c	53	95	8	8	1	-	4-6	7-8	1500
16	Lerwick ...	156	993.0	-12	W	7	1p	51	95	7	8	7	-	7-8	9+	800
17	Blacksod Point	18	1017.4	-2	W	3	c	57	95	7	5	-	-	7-8	7-8	1500
18	Malin Head ...	52	1013.5	+8	W'N	4	c	56	85	7	8	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1020.3	+6	W	4	df	59	95	3	-	-	-	10	10	<150
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 * (30)
1016.9	+10	W'S	2	c/r	65	85	7	6	-	-	10	10	1500	0	*
1016.7	+6	WSW	3	c/d	64	85	6	5	2	-	9	10	1500	1	*
1017.2	+4	WSW	3	id.	64	85	8	5	-	-	10	10	1500	0	*
1017.7	+2	W	4	3.	62	95	6	5	-	-	10	10	800	1	*
1018.5	+6	W'S	3	c	66	85	8	5	-	-	10	10	1500	0	2
1017.3	+2	W'N	3	c	63	95	8	5	-	-	9+	9+	1500	0	3
1016.3	+6	SW	4	id.	64	95	6	6	2	-	7-8	9+	800	0	*
1016.2	+4	W	3	c/d	65	95	5	9	2	-	4-6	10	2500	1	*
1016.3	+8	W'N	4	c/d	66	75	8	5	-	-	9+	9+	1500	0	2
1014.6	+8	W	5	bc	64	85	7	9	-	-	4-6	4-6	4000	0	2
1015.1	+12	NW	3	c	65	75	8	5	3	-	9	9+	2500	0	*
1014.8	+16	W	4	bc	62	65	8	1	-	-	2-3	2-3	2500	0	*
1016.5	+4	WNW	3	c	63	75	8	7	7	-	1-3	9	2500	0	*
1016.6	+8	W'N	3	c	64	85	9	5	-	-	9+	9+	1600	0	*
1017.0	0	WSW	2	c	64	75	8	5	7	-	9	9+	2500	0	*
1018.9	0	W	4	c	61	95	7	4	-	-	10	10	2500	0	3
1020.5	-2	W'N	3	d.	61	95	5	-	2	-	10	10	450	0	1
1022.0	+2	W'N	4	df.	59	95	3	5	-	-	10	10	800	1	2
1022.3	0	WNW	4	f	60	95	2	-	-	-	10	10	<150	1	2
1022.1	-2	W'N	5	o	60	95	6	5	-	-	10	10	1500	1	3
1018.6	+4	WNW	3	c	60	95	7	8	7	-	4-6	9+	2500	0	3
1017.5	+8	W'N	4	bc	59	85	8	2	3	-	1	4-6	1500	0	2
1016.6	+14	WNW	4	c	60	75	8	8	3	-	2-3	7-8	2500	1	*
1015.8	+2	NW	5	bc	59	75	8	7	-	-	4-6	4-6	2500	1	*
1013.0	+6	NWW	6	bcq	60	86	8	1	2	-	2-3	4-6	4000	0	5
1012.7	+10	WNW	4	bc	59	65	8	7	-	-	4-6	4-6	2500	0	*
1010.6	0	W	4	bc	57	75	8	1	-	-	2-3	2-3	4000	0	2
1009.8	+10	WSW	6	bc	54	86	8	8	-	-	4-6	4-6	2500	0	3
1008.7	+18	W	5	bc	58	75	9	5	-	-	2-3	2-3	4000	0	*
1011.8	+6	WSW	5	c/pr	55	85	8	8	-	-	7-8	7-8	800	1	*
1012.2	+6	W	3	c	52	85	8	5	-	-	7-8	7-8	1500	1	*
1015.9	+12	NW	4	o	57	85	8	5	-	-	10	10	2500	1	3
1012.9	+8	WNW	5	pro	56	85	7	8	-	-	7-8	7-8	1500	1	4
1008.3	+16	WNW	5	pro	53	95	8	8	7	-	4-6	7-8	1500	1	3
1009.1	+14	W	6	bc	52	75	8	9	-	-	4-6	4-6	800	0	*
1006.0	+4	W'N	5	bc	59	55	8	7	-	-	1	1	2500	0	2
1003.2	+16	SW	5	c	53	85	8	8	1	-	4-6	7-8	1500	1	3
996.1	+24	NW	6	c/pr	51	95	7	8	2	-	7-8	9+	800	1	*
1018.6	+6	W	3	c	58	85	7	5	-	-	9	9	1500	1	3
1015.4	+8	W'N	4	jp	55	85	7	8	-	-	10	10	1500	1	2
1016.7	+12	W'N	3	c	56	75	8	5	4	-	9	9+	1500	1	*
1019.2	+6	W	1	c	58	95	8	5	-	-	7-8	7-8	2500	1	*
1022.0	+12	WNW	3	id.	59	95	6	5	-	-	10	10	450	1	3
1019.7	+4	NW	3	c	63	85	8	5	-	-	7-8	7-8	1500	0	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 27th hrs. (36)
1	London (Kew)	77	63	60	-	Tr	6.2
	Croydon ...	77	62	58	-	0.3	7.2
	S. Farnborough	81	61	54	-	Tr	8.5
	Boscombe Down	75	61	60	-	Tr	8.3
	Calshot (Sthmtn.)	78	63	62	-	-	8.7
	Lympne ...	74	60	58	-	-	8.4
	Manston ...	77	61	59	-	Tr	11.8
2	Shoeburyness ...	79	63	60	-	0.1	9.7
	Felixstowe ...	78	65	63	-	Tr	8.3
	Gorleston ...	76	63	62	-	Tr	4.6
	Mildenhall ...	80	64	62	-	-	4.3
	Cranwell ...	79	60	58	-	0.4	1.7
3	Birmingham ...	73	61	59	-	-	4.9
	Upper Heyford	76	61	58	-	-	*
4	Ross-on-Wye	72	62	60	-	-	6.7
5	Portland Bill ...	65	59	*	-	-	*
	Plymouth ...	67	60	60	Trace	Tr	1.1
	The Lizard ...	66	58	*	-	0.3	*
	Scilly (St.Mary's)	67	58	*	Trace	0.2	1.1
	Guernsey ...	70	59	59	-	0.6	5.2
6	Pembroke ...	64	58	*	-	-	2.6
7	Holyhead ...	64	57	57	Trace	Tr	1.0
	Chester(Sealand)	70	59	56	-	1	1.5
8	Manchester ...	70	52	48	Trace	3	0.0
10	Spurn Head ...	72	59	*	Trace	-	0.6
	Catterick ...	68	54	46	Trace	0.1	0.9
	Tynemouth ...	68	55	50	0.2	-	*
11	Inchkeith ...	62	53	51	-	-	2.4
	Leuchars ...	69	52	48	Trace	-	3.6
12	Renfrew (Abbotsl.)	65	52	45	3	Tr	0.4
	Eskdalemuir ...	62	51	47	14.4	Tr	0.2
	Point of Ayre...	66	55	*	1	-	0.2
13A	Tiree ... * ...	61	53	51	1	0.4	1.9
13B	Stornoway ...	59	52	*	0.6	1	1.0
15	Dalwhinnie ...	64	49	45	-	Tr	3.9
	Aberdeen ...	70	54	49	5	-	3.4
	Wick ...	62	50	*	Trace	0.1	*.0
16	Lerwick ...	55	49	*	3	2	0.3
17	Blacksod Point	60	55	*	4	Tr	*
18	Malin Head ...	60	54	*	5	Tr	0.8
	Aldergrove ...	63	54	50	2	-	1.3
19	Birr Castle ...	64	56	50	0.3	0.3	0.0
20	Valentia Obsy. †	62	59	59	0.1	1	0.0
	Roches Point	71	61	*	-	-	*

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	bc3o	c	bc.ro	77	63	60	-	Tr	6.2	*	*	8
Croydon ...	217	bc	cyrc	cbopd	77	62	58	-	0.3	7.2	*	*	8
Greenwich (Royal Observatory) ...	149	cy	cy	cbcmc	79	63	58	-	-	7.9	52	71	8
City (Bunhill Row)	—	.	.	.	*	*	*	-	-	7.4	*	*	*
Westminster (St. James' Park) ...	27	.	.	.	77	65	60	-	-	7.3	56	71	*
Regents Pk. (Botanic Gardens)‡...	168	.	.	.	78	58	59	-	-	7.7	67	79	*
Camden Square	110	[illegible]		.	78	64	62	-	Tr	*	*	71	*
Kensington	80	bc	bc	.	77	63	?	-	Tr	6.5	At 18h. 58	74	*
Hampstead Observatory	450	b	bc	bcp	76	61	55	-	Tr	7.5	*	80	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 27th.

South Kensington.

Max.	Time.	Min.	Time.
0.2	7-8h 27th	Nil	18-19h 27th

Kew Observatory.

Max.	Time.	Min.	Time.
0.1	10h 27th	<0.1	rest of period.

FOREIGN OBSERVATIONS.

18h. G.M.T. 27th July. 7h. G.M.T. 28th July.

Stations	18h. Barom. mb.	18h. Wind. Direc.	18h. Wind. Force	18h. Weather.	18h. Temp. °F.	7h. Barom mb.	7h. Wind. Direc.	7h. Wind. Force.	7h. Weather.	7h. Temp. °F.
Paris	1019.4	WNW	3	c3o	81	1011.0	W	4	c	64
Brussels						1016.0	SW'W	3	c.ro	61
Berlin	1014.7	W	4	c	68	1006.2	WSW	5	r.ro	61
Zurich	1018.3	E	1	bc3o	77	1020.6	S	1	bc	66
Rome	1016.6	W	2	c	77	1017.8	-	0	b3o	73

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
82	54	-	-
	59		Tr
73	59	-	2
?	59	-	-
*	*	Tr	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22 — Code for surface visibility.

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

COLUMN 30 — Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 29th July,

No. 26912

OBSERVATIONS at 13h. G.M.T. 28th 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)	1016·5	-6	W'N	3	bc	74	45	8	1	-	4	4-6	4-6	4000
	Croydon ...	1016·5	-8	W	3	bc	76	55	8	2	-	-	7-8	7-8	4000
	S. Farnborough	1016·8	-6	W'S	3	bc	80	45	8	7	-	1	7-8	7-8	4000
	Boscombe Down	1017·8	-2	W	4	c	72	55	8	7	-	1	7-8	9	2500
	Calshot (Sthmtn.)	1018·5	-2	WSW	3	c	72	65	8	7	3	-	7-8	7-8	2500
	Lympne ...	1017·1	-4	WSW	4	c	71	75	8	7	3	-	7-8	7-8	2500
	Manston ...	1016·0	-4	W	5	bc	74	55	8	8	-	-	4-6	4-6	4000
2	Shoeburyness ...	1015·9	-10	W'N	4	bc	77	55	7	2	5	-	4-6	4-6	4000
	Felixstowe ...	1015·4	-4	W	4	bc	75	45	9	1	4	-	2-3	2-3	2500
	Gorleston ...	1014·4	+2	WNW	4	bc	70	55	7	1	-	-	4-6	4-6	2500
	Mildenhall ...	1014·9	-6	W'N	4	bc	75	35	8	1	3	-	1	2-3	4000
	Cranwell ...	1015·0	+2	W'N	5	bc	71	45	7	1	3	1	1	1	2500
3	Birmingham ...	1016·4	0	WNW	4	bc	72	35	8	-	-	2	0	4-6	-
	Upper Heyford	1016·7	-2	NW'W	5	bc	74	45	9	4	-	5	2-3	4-6	4000
4	Ross-on-Wye	1017·4	0	WNW	4	bcq	73	45	9	1	-	4	Tr	4-6	4000
5	Portland Bill ...	1019·6	+6	W	3	c	63	95	7	4	-	-	9	9	2500
	Plymouth ...	1020·8	+4	W	4	c/r	66	85	8	5	-	-	10	10	1500
	The Lizard ...	1022·7	+2	W'N	3	om	60	95	4	5	-	-	10	10	800
	Scilly (St.Mary's)	1023·0	+6	WNW	4	c	64	95	7	5	6	-	9.	9+	1500
	Guernsey ...	1021·8	0	WNW	5	c	64	85	7	8	-	-	10	10	2500
6	Pembroke ...	1019·9	+4	WNW	2	c	62	85	8	5	6	-	2-3	7-8	2500
7	Holyhead ...	1018·5	+4	W	3	bc	65	65	8	1	4	6	1	4-6	2500
	Chester(Sealand)	1017·8	+2	WNW	5	bc	63	65	8	7	-	6	4-6	4-6	2500
8	Manchester ...	1016·7	+2	WNW	5	bc	65	55	8	7	-	9	4-6	4-6	2500
10	Spurn Head ...	1013·5	+2	NW	6	bcq	66	75	8	1	6	-	2-3	4-6	4000
	Catterick ...	1013·8	+2	NW'W	3	bc	64	55	8	7	-	-	4-6	4-6	2500
	Tynemouth ...	1012·1	+6	W	5	bc	63	65	8	2	-	-	4-6	4-6	2500
11	Inchkeith ...	1011·3	+6	WSW	6	c	59	75	8	8	-	-	7-8	7-8	2500
	Lenchars ...	1009·6	+2	WNW	5	bc	67	55	9	7	-	-	4-6	4-6	4000
12	Renfrew (Abbots I.)	1013·6	+10	W	6	cq	60	65	8	8	-	-	7-8	7-8	1500
	Eskdalemuir ...	1013·8	+4	W	3	c	56	75	8	5	-	-	9+	9+	2500
	Point of Ayre...	1017·2	+6	NW	3	c	62	65	8	1	5	-	4-6	7-8	2500
13A	Tiree	1015·2	+14	WNW	5	pro	56	85	7	8	-	-	7-8	7-8	1500
13B	Stornoway ...	1010·5	+14	NW	6	c/pro	57	75	7	8	7	3	7-8	9+	1500
15	Dalwhinnie ...	1011·7	+6	W	6	bc	59	65	8	9	-	-	4-6	4-6	800
	Aberdeen ...	1008·7	+16	WNW	5	cq	61	55	8	8	3	-	7-8	7-8	4000
	Wick ...	1006·8	+16	NNW	6	c/pro	57	75	8	8	1	-	9	10	1500
16	Lerwick ...	999·6	+14	WNW	7	c	52	75	7	5	2	-	4-6	10	1500
17	Blacksod Point	1019·5	+4	W	3	c	60	85	8	5	-	-	10	10	2500
18	Malin Head ...	1017·0	+6	W'N	4	c	59	85	7	8	-	-	10	10	1500
	Aldergrove ...	1017·2	0	W'N	4	c	65	55	8	7	3	-	7-8	7-8	2500
19	Birr Castle ...	1019·9	0	WNW	2	c	61	95	8	5	-	-	9+	9+	2500
20	Valentia Obsy. †	1023·2	+2	W	3	d	61	95	6	5	-	-	10	10	800
	Roches Point	1021·0	+6	NW	3	c	68	75	9	8	3	-	4-6	7-8	2500

OBSERVATIONS at 18h. G.M.T. 28th July,

District	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	1016·6	+2	W'N	3	c	75	45	8	1	7	2	Tr	7-8	4000	0	*
	1016·5	+4	W'N	4	bc	73	45	9	1	8	3	Tr	4-6	4000	0	*
	1016·6	+2	W	4	bc	74	55	8	7	3	8	Tr	4-6	5700	0	*
	1018·0	+6	W'N	4	bc	69	65	8	-	7	9	0	2-3	-	0	*
	1018·0	0	W'N	4	bc	72	65	8	1	4	3	Tr	4-6	2500	0	2
	1016·3	-2	W	4	bc	75	45	8	1	5	2	1	4-6	4000	0	§ 3
	1015·3	-4	WNW	4	bc	75	55	8	1	7	8	1	7-8	5700 4500	0	*
2	1015·2	-4	WNW	4	c	76	55	8	6	2	6	1	7-8	1500	0	*
	1015·0	+2	WNW	4	bc	75	35	9	-	-	2	0	2-3	-	0	2
	1015·0	+4	—	0	bc	65	75	7	1	7	-	2-3	4-6	2500	0	2
	1015·5	+6	NW	5	bc	71	45	8	4	3	3	Tr	2-3	4000	0	*
	1016·0	+8	WNW	4	bc	65	55	8	7	3	-	2-3	4-6	2500	0	*
	1017·2	+4	WNW	3	bc	71	45	8	5	4	9	1	4-6	5700	0	*
	1017·3	+8	WNW	4	bc	69	55	9	7	7	3	4-6	4-6	4000	0	*
	1017·9	+10	WNW	3	bc	68	55	9	5	9	-	4-6	4-6	4000	0	*
	1019·0	-6	W	4	bc	65	95	8	4	4	1	2-3	4-6	2500	0	3
	1020·9	+2	NW'W	3	c	65	85	8	5	3	-	7-8	9	1500	0	1
	1022·3	0	WNW	3	bc	63	95	8	8	6	1	2-3	4-6	2500	0	2
	1023·1	0	NW'W	4	c	63	85	7	5	-	-	9	9	2500	0	2
	1021·4	0	WNW	5	c	64	85	8	8	-	-	7-8	7-8	2500	0	3
	1018·8	-6	W	4	c	61	95	8	5	-	-	9+	9+	2500	0	2
	1018·5	0	SW'W	3	c	61	85	8	9	2	-	4-6	10	1500	0	1
	1017·7	+2	W'N	4	c	64	65	7	5	7	-	4-6	9+	2500	0	*
	1017·0	0	NW	5	c	63	65	8	7	5	6	2-3	7-8	2500	0	*
	1014·3	+2	NW	6	bcq	66	75	6	5	3	1	2-3	4-6	2500	0	5
	1014·7	+6	NW	3	bc	62	55	8	1	4	1	2-3	4-6	4000	0	*
	1012·9	+10	W	4	bc	63	55	8	2	-	-	4-6	4-6	2500	0	2
	1012·6	0	WSW	5	c	59	75	8	2	4	-	4-6	7-8	4000	0	3
	1011·3	+10	WNW	5	bc	62	65	9	7	-	8	4-6	4-6	4000	0	*
	1014·5	+2	WSW	4	bc	58	65	8	8	-	4	4-6	4-6	1500	1	*
	1014·7	+6	W	3	bc	61	55	8	5	-	1	4-6	7-8	2500	1	*
	1017·7	+4	NW'N	4	c	59	75	8	9	-	-	9	9	1500	0	2
	1016·6	+8	WNW	4	c	55	85	8	5	7	-	4-6	7-8	2500	0	3
	1013·8	+16	NW	5	ir	54	75	7	8	7	-	7-8	9+	1500	1	2
	1014·0	+12	W	4	bc	53	85	8	4	-	-	4-6	4-6	800	1	*
	1011·0	+20	NW	5	pro	54	85	7	8	-	-	9	9	1500	1	1
	1009·2	+14	NNW	6	c	53	75	8	8	1	-	7-8	9	1500	1	3
	1001·9	+20	NW	6	pr	51	85	7	6	2	-	4-6	10	1500	1	*
	1020·8	+12	N	2	c	58	85	8	5	-	-	9+	9+	1500	1	2
	*	+8	NW'N	4	cjp	57	95	8	8	-	-	9	9	1500	0	3
	1018·4	+2	NW	3	c	59	75	8	5	3	-	9	9+	2500	0	*
	1019·5	-4	W	1	c/d	62	95	8	6	-	-	10	10	2500	1	*
	1022·8	0	W'S	3	fs	61	95	5	5	-	-	10	10	450	1	3
	1020·2	-6	NNW	3	bc	70	85	58	8	3	-	4-6	4-6	2500	0	2

PAST 24 HOURS.

Weather. 7h.—13h. 28th. (37)	13h.—18h. 28th. (38)	18h. 28th. to 1h. 29th. (39)	1h.—7h. 29th. (40)
cbcy	bcy	bc	bcc
cdocr	bcrvy	bcrvyc	c
cdodair	bcy	ybc	c
ccy	cybr	bbcc	cmoc
c	cbc	bcbbc	c
cdodoc	bcy	beb-c	c
odocbc	bcy	bcyc	cbc
cmobc	bc cy	bc	bc
cirsbcry	bcrvy	bcryb	bbc
bcq	bc	neb	bbcc
cbc	bc	bcc	cbc
b	bybc	bcy	bccv
cbc	bc	bc	bcc
cbcvy	b crvy	bcryc	c
cbrbcr	bcvy	cvc	c
c	cbc	bcc	c
ododoir	c	c	cdo
ffidm	mocbc	bcfbc	ss pr.
ffidm	c	~~f f c~~ FFo	Fmid
odc	c	bbcb	bodds
c	c	o ffjddmo	cqy
bcbbc	bcc	cbc	c
v	bcrvyc	c	c
bc	bcybcc	cb	bbc
bcq	bcq	cbc	bc
bc	bcy	bcybw	bwb
bcq	bcq	bc	bc
bcc	c	cbc	bcc
bbc	bcyq	bcqbc	bcc
bcqpro	bcqbc	bcb	bbc
cpro	probc	bccbc	bcb
dbc	coc	cbc	bcc
cpr	cpro	bcpr.	bcc
cproq	crrirq	cpr.-c	cpr.
bc	bc	*	c
bcyq	bcyqpro	cpr.bc	cpr.c
cproc	c	cproc	c
cprq	cprq	cirq	cirq
bcc	id	c	c
cjp	cjp	cb c	c c
c	coid	oid	oidc
oidocod	oidofeo	id.dc	cbc
cbcc	cbc	bcbc	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. ro, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽, lunar halo. gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; + has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

§ Sea disturbance reported from Dungeness.

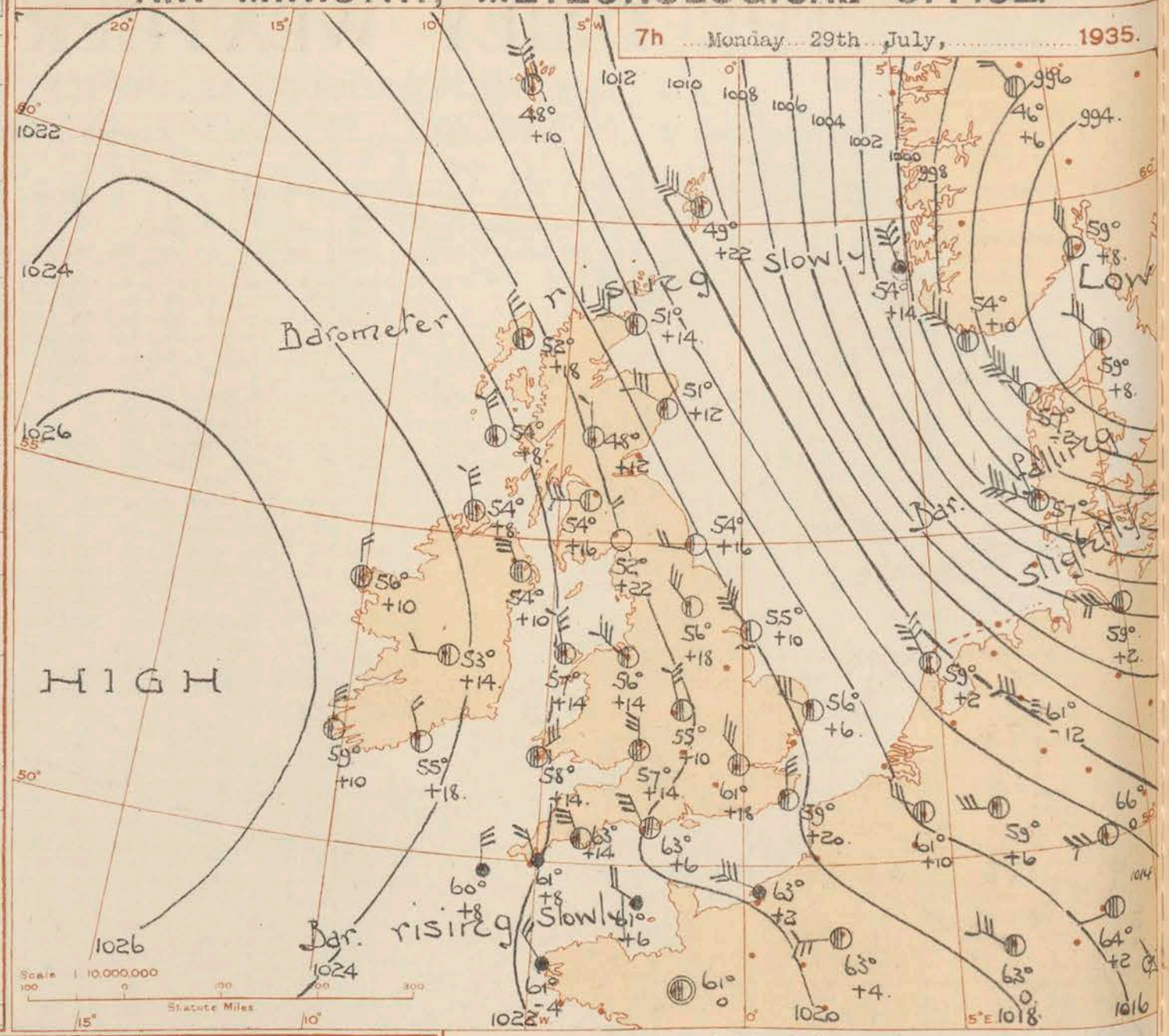
REPORTS from HEALTH RESORTS for 28th July, 1935.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 27th to 9h. 28th	Temperature. Max. 9h.—17h. 28th	Rainfall. Night. 17h. 27th to 9h. 28th	Rainfall. Day. 9h.—17h. 28th	Sunshine. Sunrise to 17h. 28th	Sunshine. Sunrise to Sunset. 27th
1	Tunbridge W.	ocbc	bcb	61	78	Trace	–	5·6	6·8
	Bournemouth	c	cbc	63	78	–	–	3·6	7·9
	Ventnor ...	o	ocbc	61	71	–	–	3·8	10·1
	Southsea ...	occ	bb	64	77	–	–	4·6	9·4
	Bognor Regis	ccbc	bcb	64	75	–	–	4·4	9·8
	Littlehampton	cbc	bc	63	75	–	–	5·0	9·9
	Worthing ...	cdobc	bcb	64	74	–	Trace	4·9	9·7
	Brighton ...	bcbc	bcb	54	72	–	–	4·8	7·3
	Eastbourne† ...	c	cbcb	62	70	–	–	6·0	11·5
	Hastings† ...	coc	bcbbc	61	71	–	–	4·2	10·5
	Folkestone ...	bcoro	crobc	61	76	Trace	Trace	4·5	11·2
	Dover ...	dopc	cbc	62	76	Trace	Trace	5·0	11·8
	Deal	cbc	bc	62	80	–	–	5·0	11·0
	Ramsgate ...	cbc	bc	63	78	0·2	–	6·2	11·6
	Margate ...	cbc	bc	62	78	0·2	–	7·2	11·5
2	Southend ...	cbcb	bbc	63	82	0·3	–	6·9	8·1
	Maldon ...	cbcb	bv	64	80	–	–	6·7	7·1
	Clacton-on-Sea	cbc	bcvy	64	80	–	–	6·3	8·8
	Dovercourt ...	bcv	bcy	64	79	–	–	5·5	9·1
	Lowestoft ...	bc	bc	62	79	–	–	9·5	5·3
	Skegness ...	bc	bc	61	73	–	–	12·2	1·2
	Mablethorpe...	bcvy	bbcvy	61	72	–	–	12·5	1·7
	Cleethorpes ...	bc	bc	58	71	–	–	12·2	0·8
3	Leamington S.	bc	bc	63	76	–	–	7·6	4·3
4	Cheltenham†	cbc	bbcq	61	78	Trace	–	6·4	5·2
5	Bath	cbc	cbc	62	73	Trace	–	5·5	2·5
	Weymouth ...	c	cbb	62	72	–	–	3·4	5·4
	Jersey ...	cd	cdc	60	64	Trace	Trace	0·0	9·5
	Torquay ...	c	bc	62	72	–	–	3·1	5·0
	Penzance ...	dcdcd	cbcb	60	68	0·9	Trace	3·4	0·7
	St. Ives ...	dcd	c	59	67	1·3	Trace	2·3	0·7
	Bude... ...	o	c	61	66	0·9	–	0·8	0·0
	Ilfracombe ...	co	cbc	61	66	0·6	–	3·3	0·4
6	Aberystwyth	cbc	bcc	60	65	–	–	3·6	0·2
7	Llandudno ...	bcb	bcc	59	69	0·2	–	7·2	3·5
	Colwyn Bay...	bcbcb	bcbcc	58	68	0·7	–	7·2	2·8
	Rhyl	bc	bbcc	59	67	1·5	–	8·1	2·0
8	Wallasey ...	cbcc	bcc	59	66	0·7	–	6·5	0·7
	Southport‖ ...	c	c	58	67	1·5	–	10·3	0·5
	Blackpool ...	cbc	bcc	58	66	1·0	–	7·3	0·1
	Morecambe ...	bcc	bccbc	57	64	3·3	–	4·2	0·0
9	Ilkley... ...	b	b	54	65	6·4	–	10·8	0·0
	Harrogate ...	bbc	bbc	55	65	3·8	–	10·1	0·1
10	Berwick-on-T.	bc	cbc	54	65	–	–	10·6	1·8
11	Dunbar ...	bc	bc	52	65	–	–	12·6	2·7
12	Troon... ...	ocbc	bccc	53	60	–	Trace	2·9	0·6
	Douglas ...	cbbc	bccb	54	65	0·5	–	6·4	0·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday 29th July, 1935.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Moderate or light north or northwest wind; fine; somewhat cooler.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Moderate or light northerly wind; fair or fine; average temperature.
10 N.E. England 11 S.E. Scotland	Fresh or moderate northwest wind; variable cloud, probably local showers; rather cool.
12 S.W. Scotland & Isle of Man. 13 { A. W. Scotld. B.N.W. Scotland.	Moderate northwest wind, backing; fair today, perhaps drizzle or rain tomorrow; rather low to average temperature.
14 Mid Scotland 15 N.E. Scotland 16 Orkney and Shetland	As 10 - 11.
17 N.W. Ireland 18 N.E. Ireland	Light northwest wind, backing; fair today, perhaps local drizzle tomorrow; average temperature.
19 S.E. Ireland 20 S.W. Ireland	Light northerly or variable wind; fair; average temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky ◯ Sky less than 1/10 clouded. ◐ Sky 1/10 to 5/10 clouded ◑ Sky 5/10 to 9/10 clouded ● Overcast sky ● Rain falling ✳ Snow ✳ Sleet ▲ Hail ≡ Fog ≡ Mist T Thunder ⚡ Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ≈ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high to Southwest of Ireland and low rear Finland. Weather will be mainly fine, apart from local showers at first in the North and Northeast, and perhaps drizzle or rain in the Northwest tomorrow.

FURTHER OUTLOOK.

Rather unsettled in Scotland; fair in most other areas.

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.2 212 2904 We 8081 D 6001 6p 908 2978

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

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

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 29th July

No. 26912.

OBSERVATIONS at 1 hr. G.M.T. 29th July.

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base. (feet)
		(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1017·8	0	WNW	2	C	63	74	6	1	9	1	0	9	1
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1018·0	+4	NNW	2	C	63	65	8	5	–	–	10	10	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1016·0	+2	W	3	b	58	74	7	–	–	–	0	0	–
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1019·2	+6	W	3	C	62	85	8	4	–	1	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1021·7	–2	WNW	3	[illegible]	60	95	2	5	–	–	10	10	220
	Scilly (St. Mary's)	163	1022·4	–4	WNW	4	[illegible]	60	95	–	.	.	.	10	10	450
	Guernsey ..	175	1021·2	0	WNW	3	b	60	95	7	–	–	–	0	0	–
6	Pembroke ...	142	1019·8	+6	NNW	–	pp	59	95	5	5	–	–	10	10	800
7	Holyhead ...	26	1020·3	+4	NNW	3	C	57	85	8	5	–	–	9+	9+	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1015·3	+4	WNW	6	bc	57	85	8	–	2	–	0	2–3	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1015·9	+10	W	3	bc	54	75	8	2	–	–	2–3	2–3	2500
11	Inchkeith ...	190	1015·7	+16	SW	3	bc	52	85	8	5	–	–	2–3	2–3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1019·6	+8	NW	5	bc	56	85	8	4	–	–	4–6	4–6	4000
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1018·2	+14	NNW	3	C	51	75	7	8	6	–	4–6	9+	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1013·6	+20	NW	6	C	51	85	8	8	1	–	7–8	9	1500
16	Lerwick ...	156	1017·7	+28	NW	6	C/y	49	95	7	5	2	–	4–6	9+	1500
17	Blacksod Point	18	1023·8	+12	N	2	C	55	75	7	5	–	–	7–8	7–8	2500
18	Malin Head ...	52	1020·9	+4	NW	4	C	56	75	8	8	–	–	10	10	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1023·5	+6	WNW	2	C	59	95	7	5	–	–	7–8	7–8	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th July.

District	Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	Temp. °F.	Humid. %	Visibility 0–9	Cloud. Form. Low	Cloud. Form. Med.	Cloud. Form. High	Cloud. Amount. Low 0–10	Cloud. Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9 *
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1019·7	+18	N	3	C	61	65	7	5	–	1	7–8	9	2500	0	*
	Croydon ...	1019·1	+18	NNW	3	C	61	65	8	5	–	–	9+	9+	2500	0	*
	S. Farnborough	1019·5	+18	NNW	2	C	60	75	7	5	–	–	9	9	2500	0	*
	Boscombe Down	1019·9	+18	N	3	C	59	75	7	5	–	–	9	9	1500	1	*
	Calshot (Sthmtn.)	1019·2	+6	NNW	3	C	64	85	8	5	7	–	9	9+	1500	0	–
	Lympne ...	1019·0	+14	N	3	C	59	65	8	5	–	–	10	10	2500	0	2
	Manston ...	1018·3	+14	NW	5	bc	60	65	8	5	–	5	2–3	4–6	2500	0	*
2	Shoeburyness ...	1018·7	+14	NW	4	C	61	75	7	7	–	–	7–8	7–8	4000	0	*
	Felixstowe ...	1018·2	+20	NW	4	bc	59	65	8	1	3	5	2–3	4–6	1500	0	1
	Gorleston ...	1016·8	+6	WNW	3	C	56	75	7	5	–	6	7–8	7–8	2500	0	2
	Mildenhall ...	1018·5	+14	NW	4	bc	58	65	8	5	3	2	1	4–6	4000	0	*
	Cranwell ...	1019·1	+14	NNW	4	C	55	65	7	–	3	4	0	7–8	–	0	*
3	Birmingham ...	1020·5	+10	NNW	4	C	55	75	8	5	–	–	9	9	2500	0	*
	Upper Heyford	1020·6	+18	NW	4	bc	58	65	8	5	4	8	4–6	4–6	2500	0	*
4	Ross-on-Wye	1021·0	+14	N	3	C	57	65	8	5	–	–	9+	9+	4000	0	*
5	Portland Bill ...	1019·6	+6	NNW	3	C	63	85	8	4	–	–	7–8	7–8	2500	0	3
	Plymouth ...	1020·9	+14	N	3	C	63	75	8	7	–	–	9	9	1500	0	1
	The Lizard ...	1022·1	+8	NNW	2	pc	61	95	6	5	–	–	10	10	1500	1	2
	Scilly (St. Mary's)	1022·3	+8	N	3	id.	60	95	4	5	–	–	9+	9+	800	1	2
	Guernsey ..	1020·9	+6	NW	2	df	61	95	2	5	–	–	10	10	450	1	2
6	Pembroke ...	1022·1	+14	NNE	3	q	58	85	8	5	7	–	4–6	7–8	2500	0	2
7	Holyhead ...	1022·4	+14	NNW	4	c	57	75	8	8	–	6	4–6	7–8	1500	0	2
	Chester (Sealand)	1021·0	+14	NW	4	C	56	75	8	5	–	–	9+	9+	2500	0	*
8	Manchester ...	1020·5	+14	NW	3	C	58	65	7	8	–	3	4–6	7–8	2500	0	*
10	Spurn Head ...	1018·1	+10	NNW	6	bc	55	85	8	4	7	–	2–3	4–6	2500	0	5
	Catterick ...	1019·0	+18	NNW	3	bc	56	75	8	1	9	–	1	2–3	4000	0	*
	Tynemouth ...	1018·0	+16	W	2	bc	54	75	7	2	–	–	4–6	4–6	2500	0	1
11	Inchkeith ...	1019·2	+20	SW	3	C	51	85	8	4	7	9	4–6	7–8	2500	0	2
	Leuchars ...	1018·3	+14	WNW	4	C	55	65	9	5	3	–	4–6	9	4000	0	*
12	Renfrew (Abbots L.)	1020·1	+16	W	4	bc	54	65	8	7	3	–	2–3	2–3	4000	0	*
	Eskdalemuir ...	1019·5	+22	NNW	2	b	52	75	9	1	4	–	1	1	2500	1	*
	Point of Ayre ...	1021·1	+16	NW	5	bc	56	85	8	3	–	–	4–6	4–6	1500	0	3
13A	Tiree	1021·7	+8	NNW	4	C	54	75	7	8	6	–	4–6	7–8	2500	0	3
13B	Stornoway ...	1020·8	+18	NNW	3	C	52	75	8	8	6	–	4–6	7–8	1500	1	1
15	Dalwhinnie ...	1020·3	+12	N	1	C	48	75	8	4	2	–	4–6	9	2500	0	*
	Aberdeen ...	1017·0	+12	NW	4	cjp	51	75	8	8	–	–	9+	9+	2500	1	1
	Wick ...	1016·5	+14	NW	6	C	51	85	6	8	1	–	7–8	9+	1500	1	3
16	Lerwick ...	1011·3	+22	NW	6	cjp	49	85	7	9	7	–	7–8	9	800	1	*
17	Blacksod Point	1025·6	+10	N	2	C	56	75	8	5	–	–	10	10	2500	0	3
18	Malin Head ...	1023·0	+8	NW	4	C	54	95	7	8	–	–	9+	9+	800	0	1
	Aldergrove ...	1022·7	+10	NNW	3	C	54	85	8	5	3	–	7–8	9	1500	0	*
19	Birr Castle ...	1025·0	+14	W	1	C	53	95	8	5	–	–	9+	9+	2500	1	*
20	Valentia Obsy. †	1025·5	+10	NE	3	bc	59	85	8	7	–	–	2–3	2–3	1500	1	2
	Roches Point	1024·4	+18	NNW	2	bc	55	95	8	8	3	–	2–3	4–6	2500	0	2

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F.	Temperature. Min. Night 18h–7h °F	Temperature. Min. on Grass °F.	Rainfall. Day 7h–18h mm.	Rainfall. Night 18h–7h mm.	Sunshine 28th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	77	61	60	–	–	8·1
	Croydon ...	78	61	60	Trace	–	7·5
	S. Farnborough	81	60	49	0·6	–	8·0
	Boscombe Down	74	58	56	–	–	6·9
	Calshot (Sthmtn.)	76	62	60	–	–	6·6
	Lympne ...	76	59	59	0·3	–	6·5
	Manston ...	78	59	58	Trace	–	7·7
2	Shoeburyness ...	81	59	57	–	–	7·6
	Felixstowe ...	78	57	53	Trace	–	7·0
	Gorleston ...	75	54	52	–	–	12·0
	Mildenhall ...	78	53	50	–	–	9·4
	Cranwell ...	71	50	48	–	–	12·1
3	Birmingham ...	73	54	53	–	–	8·8
	Upper Heyford	77	56	52	–	–	*
4	Ross-on-Wye	75	57	58	–	–	8·0
5	Portland Bill ...	65	61	*	–	–	*
	Plymouth ...	67	60	60	Trace	Tr.	0·5
	The Lizard ...	65	58	*	Trace	0·4	*
	Scilly (St. Mary's)	67	59	*	0·3	1	1·8
	Guernsey ..	66	60	57	0·1	0·6	2·0
6	Pembroke ...	65	55	*	–	0·4	6·1
7	Holyhead ...	67	56	53	–	–	7·1
	Chester (Sealand)	67	55	51	–	–	6·7
8	Manchester ...	67	48	41	–	–	11·2
10	Spurn Head ...	67	54	*	–	–	13·5
	Catterick ...	67	50	44	–	–	11·4
	Tynemouth ...	66	49	45	–	–	*
11	Inchkeith ...	60	50	46	–	–	12·4
	Leuchars ...	69	50	48	–	–	10·3
12	Renfrew (Abbots L.)	61	47	40	Trace	–	8·6
	Eskdalemuir ...	61	47	39	Trace	–	2·9
	Point of Ayre ...	66	55	*	–	–	2·6
13A	Tiree	60	52	50	0·1	0·1	6·0
13B	Stornoway ...	58	49	*	2	0·1	4·9
15	Dalwhinnie ...	60	46	42	Trace	–	6·1
	Aberdeen ...	64	48	47	0·1	0·3	3·2
	Wick ...	58	50	*	Trace	0·2	*
16	Lerwick ...	53	48	*	3	2	0·3
17	Blacksod Point	61	52	*	0·2	–	*
18	Malin Head ...	60	52	*	–	–	1·4
	Aldergrove ...	66	51	46	–	–	4·4
19	Birr Castle ...	64	50	43	0·2	1	4·7
20	Valentia Obsy. †	63	56	56	0·1	0·2	0·5
	Roches Point	70	55	*	–	Tr.	*

LONDON OBSERVATIONS

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

Stations	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cbcy	bcy	bc	77	61	60	–	–	8·1	*	*	8
Croydon	217	cb. cv	bcvy	bcvyc	78	61	60	Tr.	–	7·5	*	*	8
Greenwich (Royal Observatory) ...	149	cvy	cvy	cvbcy	81	60	60	–	–	7·2	42	52	7
City (Bunhill Row)	—				*	*	*	*	*	7·3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	79	61	58	–	–	8·1	56	53	*
Regents Pk. (Botanic Gardens)‡ ...	168	*	*	*	79	61	61	–	–	7·7	49	63	*
Camden Square	110	cbc	bcb	*	81	61	57	–	–	*	At 18h.	53	*
Kensington	80	bc	bc	*	78	60	58	–	–	7·0	45	53	*
Hampstead Observatory	450	bc	bc	bc	79	57	54	–	–	6·9	*	64	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 29th

South Kensington.

Max.	Time.	Min.	Time.
0·1	3h 20m	Nil	15–21h 28m

Kew Observatory.

Max.	Time.	Min.	Time.
<0·1	Whole period		

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 28th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 29th July. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1019·5	WNW	4	C	70	1019·0	W	4	C	63
Brussels						1016·4	WNW	3	cjp	61
Berlin	1007·0	WNW	3	C	68	1006·1	W	5	pr	59
Zürich						1016·4	SW	2	C	70
Rome	1016·2	W	5	b	75	1013·9	–	0	bc	77

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
75	63	Tr.	Tr.
	57		–
73	57	0·3	Tr.
*	*		–
*	*	–	–

EXPLANATION OF FIGURES, LETTERS, etc.

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

COLUMNS 4, 13.
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	1⅛ miles.
5 Poor visibility	2⅝ ,,
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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 30th July, 1935.
No. 26913.

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)	Form. Med. (10)	Form. High (11)	Amount. Low 0–10 (12)	Amount. Total 0–10 (13)	Height of Base (feet) (14)	Sunshine Hrs. (36)
1	London (Kew)	1026·3	+2	N'W	3	bc	67	45	8	7	–	–	4-6	4-6	4000	8·1
	Croydon ...	1019·9	+4	NW	3	bc	63	35	8	1	–	–	2-3	2-3	4000	7·5
	S. Farnborough	1020·2	+2	WNW	3	bc	70	45	7	7	–	–	4-6	4-6	4000	8·0
	Boscombe Down	1020·5	−2	NNW	2	b	65	45	8	1	–	1	1	1	4000	6·9
	Calshot (Sthmtn.)	1020·2	+2	NW	4	b	68	55	8	–	4	–	0	Tr	–	6·6
	Lympne ...	1020·0	+2	N	3	c	66	45	8	7	8	–	2-8	7-8	4000	6·5
	Manston ...	1019·6	+4	WNW	4	c	67	45	8	7	8	–	4-6	7-8	2500	7·7
2	Shoeburyness ...	1019·8	+2	NW'N	3	c	69	55	8	7	6	–	4-6	7-8	4000	7·6
	Felixstowe ...	1019·4	+6	NW	3	c	65	45	7	5	–	–	7-8	7-8	4000	7·0
	Gorleston ...	1019·7	+8	NW	5	c	62	65	7	7	–	–	7-8	7-8	2500	12·0
	Mildenhall ...	1019·7	+8	NNW	3	c	66	45	8	5	3	1	7-8	7-8	4000	9·4
	Cranwell ...	1019·9	0	NW'N	3	c	65	45	6	8	–	–	7-8	7-8	4000	12·1
3	Birmingham ...	1021·4	+4	NNW	4	c	62	55	8	5	–	–	7-8	7-8	4000	8·8
	Upper Heyford	1021·0	+4	NW	4	c	63	55	7	7	–	–	7-8	7-8	2500	*
4	Ross-on-Wye	1020·9	−4	N	3	bc	67	45	8	7	–	–	2-3	2-3	4000	8·0
5	Portland Bill ...	1020·4	−2	NW	3	bc	68	75	8	4	–	–	2-3	2-3	2500	*
	Plymouth ...	1021·7	+2	N	4	b	67	55	8	1	–	–	Tr	Tr	1500	0·5
	The Lizard ...	1023·1	+2	N	3	bc	67	65	8	7	–	–	2-3	2-3	4000	*
	Scilly (St.Mary's)	1024·3	+4	NE'N	4	c	67	75	8	2	–	–	7-8	7-8	4000	1·8
	Guernsey ...	1021·7	+2	N	2	c	68	65	7	5	1	–	4-6	7-8	4000	2·0
6	Pembroke ...	1022·8	+4	N	3	bcq	62	65	8	7	–	–	4-6	4-6	4000	6·1
7	Holyhead ...	1023·9	+10	NNW	3	bc	60	75	8	1	–	3	2-3	4-6	4000	7·1
	Chester(Sealand)	1022·5	+6	WNW	5	c	60	65	8	7	–	–	7-8	7-8	4000	5·7
8	Manchester ...	1021·2	+6	NW'W	4	bc	63	55	8	1	–	–	4-6	4-6	4000	11·0
10	Spurn Head ...	1019·4	+2	NNE	6	c	61	65	8	5	7	–	4-6	7-8	2500	13·5
	Catterick ...	1020·2	+6	N'W	3	c	62	55	8	5	–	9	7-8	7-8	4000	11·4
	Tynemouth ...	1020·3	+6	N	3	bc	58	65	8	9	–	–	4-6	4-6	1500	*
11	Inchkeith ...	1021·8	+14	NW	3	c	59	55	8	7	–	4	4-6	7-8	4000	12·4
	Leuchars ...	1020·0	+6	NW	3	c	61	55	9	8	–	–	7-8	7-8	4000	10·3
12	Renfrew (Abbots I.)	1021·4	+6	W'S	4	bc	62	45	9	1	4	–	4-6	4-6	4000	8·6
	Eskdalemuir ...	1020·5	+4	NNW	3	c	60	55	8	4	–	–	7-8	7-8	2500	2·9
	Point of Ayre...	1022·9	+8	NNW	5	bc	60	65	8	1	5	–	2-3	4-6	4000	2·6
13A	Tiree	1023·8	+4	NW	3	c	59	75	8	5	3	–	2-3	7-8	4000	6·0
13B	Stornoway ...	1022·7	+8	NW	4	bc	57	65	9	1	–	–	4-6	4-6	4000	4·9
15	Dalwhinnie ...	1021·7	+8	N	1	bc	56	55	8	4	6	–	2-3	4-6	2500	6·1
	Aberdeen ...	1019·4	+14	NW'N	6	c	57	55	8	8	–	–	7-8	7-8	2500	3·2
	Wick ...	1018·4	+10	NW	6	c	56	75	8	8	1	–	4-6	7-8	1500	*
16	Lerwick ...	1019·2	+12	NW	5	c/pr	50	75	7	8	2	–	7-8	9+	1500	0·3
17	Blacksod Point	1026·9	+6	N	2	bc	60	65	8	4	–	–	4-6	4-6	2500	*
18	Malin Head ...	1026·4	+8	NNW	3	c	58	85	8	8	8	–	9	9+	2500	1·4
	Aldergrove ...	1024·1	+8	NNW	4	c	60	65	9	8	3	–	9	9	2500	4·4
19	Birr Castle ...	1025·6	+2	NW	1	c	63	65	8	5	–	–	7-8	7-8	2500	4·7
20	Valentia Obsy. †	1026·8	+2	N	4	b	64	75	9	7	–	–	Tr	Tr	4000	0·5
	Roches Point	1025·3	+6	N	2	b	66	85	9	5	–	–	1	1	2500	*

OBSERVATIONS at 18h. G.M.T. 29th July.

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0–12 (18)	Weather. (19)	°Temp. (20)	%Humid. (21)	Visibility 0–9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0–10 (26)	Amount. Total 0–10 (27)	Height of Base (feet) (28)	State of Ground. 0–9 (29)	Sun. 0–9 (30)
1	London (Kew)	1020·1	−2	NW'N	3	bc	69	45	7	7	–	1	1	2-3	4000	0	*
	Croydon ...	1019·6	−2	NW'W	3	bc	68	45	8	1	–	–	4-6	4-6	5700	0	*
	S. Farnborough	1020·2	+2	NNW	2	bc	67	45	7	7	–	1	4-6	4-6	4000	0	*
	Boscombe Down	1020·3	−6	N	3	b	67	45	8	1	–	5	1	1	4000	0	*
	Calshot (Sthmtn.)	1020·0	−2	N'W	4	b	70	45	8	–	4	–	0	Tr	–	0	
	Lympne ...	1020·2	+2	S	2	c	62	65	8	7	–	–	9	9	4000	0	5 1
	Manston ...	1020·0	+4	NNE	3	bc	61	75	8	7	4	–	1	4-6	2500	0	*
2	Shoeburyness ...	1020·0	0	NW'N	1	c	67	55	8	7	6	–	7-8	9	4000	0	*
	Felixstowe ...	1019·8	+2	N	3	bc	63	55	8	5	8	–	2-3	2-3	5700	0	1
	Gorleston ...	1020·6	+2	NNW	5	bc	61	55	7	–	6	–	0	2-3	–	0	3
	Mildenhall ...	1020·4	+8	NNE	3	bc	62	55	8	5	3	4	1	2-3	4000	0	*
	Cranwell ...	1020·7	+6	NE'N	2	c	62	55	8	7	–	–	7-8	7-8	4000	0	*
3	Birmingham ...	1021·4	+2	NW	4	bc	61	45	8	7	–	1	1	2-3	5700	0	*
	Upper Heyford	1021·0	+2	N	4	bc	64	55	8	1	–	4	2-3	4-6	4000	0	*
4	Ross-on-Wye	1021·5	+4	N'W	3	bc	65	45	8	7	–	2	Tr	2-3	4000	0	*
5	Portland Bill ...	1020·3	−8	NW	3	b	66	75	8	–	–	–	0	0	–	0	3
	Plymouth ...	1021·8	+2	N'W	5	b	65	65	8	1	–	–	Tr	Tr	1500	0	2
	The Lizard ...	1023·1	0	NNW	4	bc	63	65	8	7	–	–	2-3	2-3	4000	0	2
	Scilly (St.Mary's)	1024·3	−2	NNE	5	b	61	65	8	1	–	–	Tr	Tr	4000	0	3
	Guernsey ...	1020·9	−2	WNW	2	b	66	65	7	–	–	–	0	0	–	0	1
6	Pembroke ...	1023·2	−2	NNE	3	b	62	65	8	7	–	–	1	1	7200	0	2
7	Holyhead ...	1024·2	+2	N'W	3	c	60	65	9	1	4	6	Tr	7-8	4000	0	1
	Chester(Sealand)	1023·1	+4	NW'W	4	bc	60	65	8	1	–	1	2-3	4-6	4000	0	*
8	Manchester ...	1021·7	+2	NW'N	4	bc	62	55	8	1	–	1	1	2-3	4000	0	*
10	Spurn Head ...	1020·1	+2	NNE	6	bc	59	75	8	–	2	–	0	2-3	–	0	5
	Catterick ...	1020·9	+4	E	1	c	60	55	8	7	8	–	4-6	7-8	2500	0	*
	Tynemouth ...	1020·8	+4	NNE	2	bc	56	65	8	2	6	–	4-6	4-6	2500	0	1
11	Inchkeith ...	1021·2	−10	NW	3	c	61	65	9	7	7	–	4-6	7-8	4000	0	2
	Leuchars ...	1020·8	+4	N	2	c	61	65	9	8	–	3	7-8	7-8	4000	0	*
12	Renfrew (Abbots I.)	1021·9	+2	WNW	4	bc	60	55	9	4	–	5	4-6	4-6	4000	0	*
	Eskdalemuir ...	1021·1	+6	NW	3	bc	58	65	8	7	–	1	4-6	4-6	4000	0	
	Point of Ayre...	1023·3	+2	NNW	5	bc	60	75	8	–	4	4	0	2-3	–	0	3
13A	Tiree	1024·5	0	NNW	3	bc	58	85	8	2	4	5	2-3	2-3	4000	0	3
13B	Stornoway ...	1023·1	+4	NNW	4	c	66	75	9	8	7	–	4-6	7-8	2000	1	2
15	Dalwhinnie ...	1021·8	+2	NNW	1	bc	55	55	8	4	–	–	2-3	2-3	2500	0	*
	Aberdeen ...	1020·1	+6	NW'N	4	bc	55	65	8	4	–	–	2-3	2-3	4000	0	2
	Wick ...	1020·1	+8	NW	6	c	56	75	8	8	1	–	4-6	7-8	1500	1	3
16	Lerwick ...	1018·9	+8	NNW	6	c	50	75	7	8	7	–	4-6	7-8	1500	1	*
17	Blacksod Point	1026·9	0	N	2	c	59	75	9	4	–	–	7-8	7-8	2500	0	3
18	Malin Head ...	1025·3	+4	N'W	3	bc	57	85	8	2	–	1	2-3	4-6	2500	0	1
	Aldergrove ...	1025·3	+6	NW	4	c	58	65	9	8	4	1	7-8	9	2500	0	*
19	Birr Castle ...	1025·1	0	NW	2	bc	66	55	8	1	–	–	2-3	2-3	4000	0	*
20	Valentia Obsy. †	1026·0	−2	N	3	b	64	75	9	–	–	5	0	1	–	0	2
	Roches Point	1024·8	−6	NNE	1	b	69	75	9	1	–	–	1	1	4000	0	1

PAST 24 HOURS.

Weather. 7h.–13h. (27)	13h.–18h. (38)	18h.–1h. (39)	1h.–7h. (40)
29m.	29m.	30m.	30m.
bcy	bcy	bcb	bcbw
cbcy	bbcy	bcybcb-c	b,cbc3
cbcby	bcy	ybcb	bbcc
cby	bcy	bbcb	b
cbcy	bcy	bybc	c
cbccy	bcyc	bcc	cbcc
cbcy	bcybc	bcc	c
bcy	bcycy	cycpr6	cbc
bcycy	bcy	bcyc	cb
cq	cbcqy	bcq	bcq
c	c b	b	bm.
cy	cbcy	cy	cb
c	cbc	bcb	bm
cbcyc	cy bc	bcyb	bbcm,b
cbcy	bcy	bv	bwb
cbc	bcb	bcb	b'bc
cbcby	bybb	b	b
pr6b.	bc	bcb	bbc
mi6c	cbcb	b	b
odfbc	cbcw6	b	bbc
cq	cbcb	bc	bc
c'	bcc	bc	bbc
	bc	bc	bcw
bcbc	bcy	by b	bjmw
bcc	cbc	pcc	cbc
bbccy	cybcy	bcyb	bwb
bc	bc	bc	bcc
c'	c	cbcb	bbc3o
cy	cbc cpr6	cbcbw	bwb
bcyv	bcyv	bcyvbw	bwb
bbcy	bcy	y bc	bcbw
cbc	bc	bcb	bbc
cbc	cbc	bcbv	bc
cpr6bc	bcc	cbcb	bbc
cpr6bc	cpr6bc	bcb	bbc
cpr6	cpr6	c	c
bc	bc	bc	bcc
c	cbc	c	c
cpr6c	c	bc	bcbw
c	cbcy	bc	bcb
bcbv	bv	bvbw	bwbc
bcb	b	bbw	bwb

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

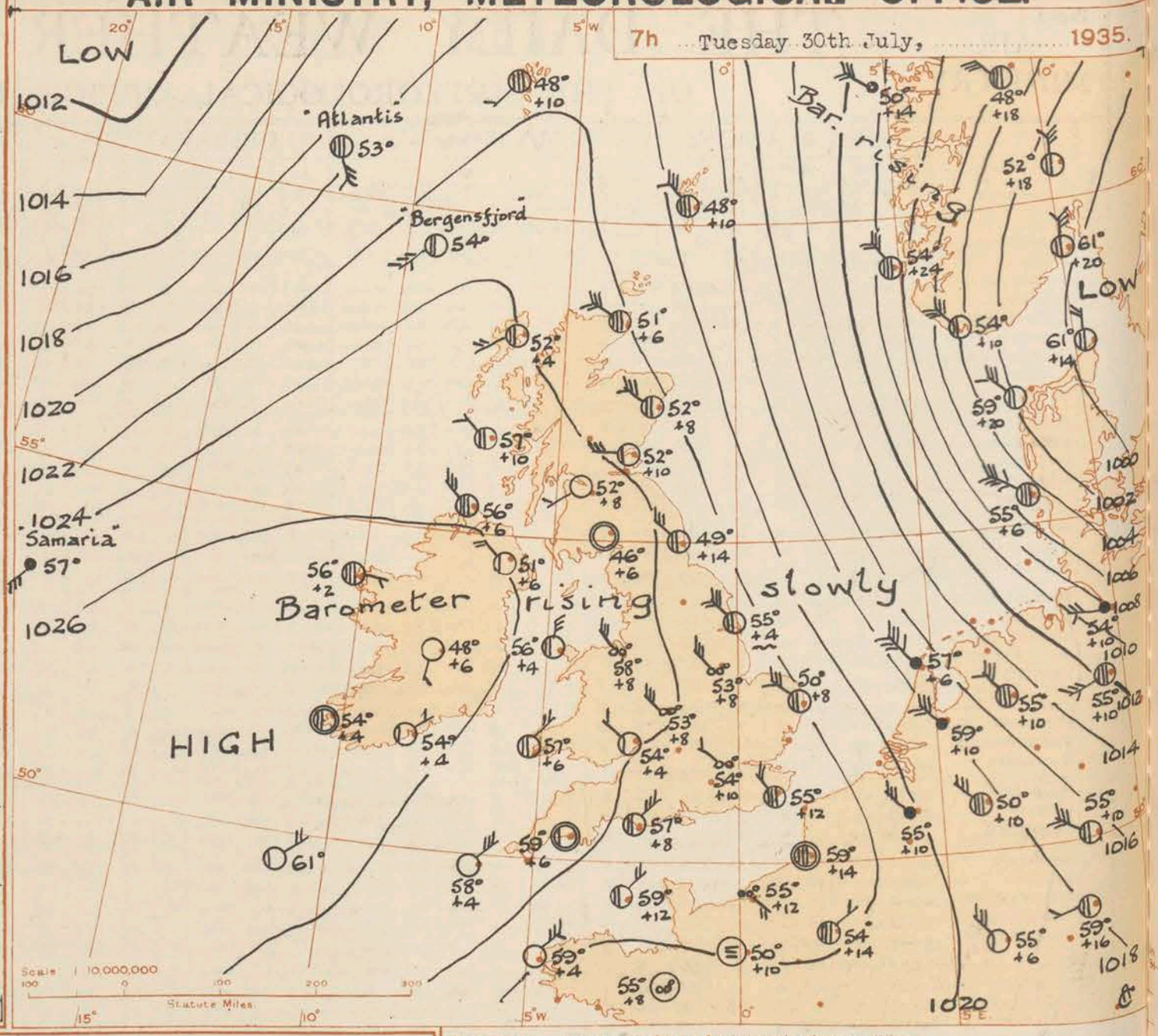
† Sea disturbance reported from Dungeness.

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 29th July, 1935.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	bcb	bbc	60	71	—	—	8.2	6.8
	Bournemouth	o bcb	b	61	75	—	—	8.5	5.6
	Ventnor ...	bcob	b	61	73	—	—	8.6	5.4
	Southsea ...	e bb	b	62	73	—	—	8.5	6.4
	Bognor Regis	cbebc	bebcc	62	72	—	—	8.2	4.9
	Littlehampton	bc	bc	62	74	—	—	8.4	6.7
	Worthing ...	cbc b	b	62	72	—	—	8.4	6.5
	Brighton ...	b	b	62	74	—	—	8.4	5.4
	Eastbourne† ...	cybc	bcy	63	75	—	—	7.7	7.5
	Hastings† ...	c bcbc	bebc c	60	72	—	—	6.8	5.4
	Folkestone ...	o cbc	bc	60	71	—	—	7.9	6.1
	Dover ...	ybcc	bc	61	70	—	—	7.7	6.3
	Deal	cbc	bbcc	60	72	—	—	8.1	6.1
	Ramsgate ...	bc	bc	61	68	—	—	9.3	7.3
	Margate ...	bc	bc	59	67	—	—	9.7	8.7
2	Southend ...	bcb	bbcc	60	73	—	—	10.5	7.9
	Maldon ...	b	bbcc	58	68	—	—	9.1	8.3
	Clacton-on-Sea	cbc	bcvy	56	69	—	—	8.8	8.3
	Dovercourt ...	bcv	bcv	56	69	—	—	9.9	7.6
	Lowestoft ...	c	c	53	64	—	—	6.1	11.6
	Skegness ...	bco	ocb	50	62	—	—	6.9	14.1
	Mablethorpe...	cbcv	bcbv	50	63	—	—	9.7	14.0
	Cleethorpes ...	bcv	bc	51	64	—	—	9.3	13.4
3	Leamington S.	cbc	bc	57	67	—	—	8.2	9.1
4	Cheltenham†	bc	bbcq	57	72	—	—	9.3	7.8
5	Bath	b	b	61	72	—	—	9.3	7.7
	Weymouth ...	cb	b	62	74	—	—	8.8	4.9
	Jersey ...	cdcbc	cbc	68	70	1	—	7.0	0.0
	Torquay ...	b	by	62	72	—	—	8.6	3.5
	Penzance ...	c bb	b	60	68	1	—	7.2	4.3
	St. Ives ...	c	b	58	64	0.5	—	6.7	4.0
	Bude... ...	bc	bc	62	63	—	—	8.9	1.2
	Ilfracombe ...	obcc	bcb	59	65	1	—	10.3	3.4
6	Aberystwyth	cbc	bc	56	62	Trace	—	10.5	3.6
7	Llandudno ...	bc	bbc	57	63	"	—	8.6	7.2
	Colwyn Bay...	bcbc	bcbcb	55	63	—	—	8.4	7.2
	Rhyl	bc	bc	56	62	—	—	9.7	8.2
8	Wallasey ...	bc	b	57	64	—	—	8.2	6.5
	Southport‖ ...	bcb	b	56	65	—	—	10.7	10.3
	Blackpool ...	cbc	bc	56	64	—	—	10.6	7.3
	Morecambe ...	bcbbc	bb bc	53	67	—	—	10.0	4.2
9	Ilkley... ...	b	b	48	68	—	—	9.4	11.1
	Harrogate ...	cbc	bc	49	63	—	—	7.1	10.6
10	Berwick-on-T.	bc	cbc	49	60	—	—	8.4	13.0
11	Dunbar ...	bc	bc	48	61	—	—	6.5	14.3
12	Troon... ...	cbb bc	bbcbb	53	63	—	—	11.4	4.1
	Douglas ...	bc	bc	52	60	Trace	—	10.0	0.6

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



Districts	Forecasts for the 24 hours commencing 12 noon, G.M.T. 30th July, 1935.
1 S.E. England	Light to moderate northwest wind; fine at first; local showers in the afternoon; temperature rather below average.
2 E. England ...	
3 E. Midlands ...	Light to moderate northwest wind; occasional showers in the afternoon; rather cool.
4 W. Midlands ...	As 1.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ...	Light northerly or variable wind; fine; average temperature or rather warm.
10 N.E. England	As 2.
11 S.E. Scotland 12 S.W. Scotland & Isle of Man	Light westerly or variable wind; fair; average temperature.
13 A. W. Scotld. / B. N.W. Scotland.	Light to moderate southwest wind; cloudy; local drizzle tonight; average temperature.
14 Mid Scotland	As 11 - 13.
15 N. E. Scotland 16 Orkney and Shetland	Moderate northwest wind, backing and decreasing; fair; rather cool.
17 N. W. Ireland 18 N. E. Ireland	Light southwest or variable wind; mainly cloudy; average temperature.
19 S. E. Ireland 20 S. W. Ireland	Light variable wind; fine: average temperature.

H.M. Stationery Office Press Kingsway W.C.2 5212 2904 W.8681 C.5001 Gp.908 29760 7/35

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 5/10 to 9/10 clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
Sea Disturbance. ~~ Rough. ≈≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred southwest of Ireland covers the British Isles. A depression centred over West Russia is moving eastwards while another off West Iceland is moving north or northeast.
Weather will become cloudy in Scotland but apart from showers in Eastern England weather will be fine and dry elsewhere with temperature rather below the average.

FURTHER OUTLOOK.

Local rain in the extreme Northwest; becoming warmer in the East.

Forecasts issued at 1000 G.M.T.

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

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

Morning of
TUESDAY
30TH JULY.
1935.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 30th July, 1935.
No. 26913.

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)	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	*	*	E N	2	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1021.7	+0	E N	2	b	56	65	8	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1021.9	+2	NE N	2	c	54	76	8	7	–	–	9	9	2500
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1021.0	+4	N N	3	bc	58	75	7	4	–	–	2-3	2-3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1022.0	+6	N	3	b	57	75	8	–	–	–	0	0	–
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1023.7	0	NNE	2	b	54	85	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1024.6	-2	NE N	3	b	56	85	8	–	–	–	0	0	–
	Guernsey ..	175	1021.6	0	–	0	b	58	88	8	–	–	–	0	0	–
6	Pembroke ...	142	1024.3	+2	N NE	2	bc	53	85	6	5	–	–	2-3	2-3	2500
7	Holyhead ...	26	1024.4	+2	N N	4	bc	56	88	8	3	–	–	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1021.1	+4	NW N	4	bc	55	85	8	5	7	–	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1021.7	0	W	2	bc	53	65	7	4	–	–	2-3	2-3	4000
11	Inchkeith ...	190	1022.9	+8	WSW	1	b	51	85	8	+	–	–	Tr	Tr	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1024.1	+6	N	4	b	55	85	8	–	–	–	0	0	–
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1023.6	0	NW	2	bc	49	85	8	1	–	–	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1021.2	+8	NW	6	c	50	85	8	8	1	–	7-8	9	1500
16	Lerwick ...	156	1018.2	+18	NNW	5	c	47	85	7	5	2	–	4-6	9+	1500
17	Blacksod Point	18	1026.6	0	–	0	bc	53	85	8	4	–	–	4-6	4-6	2500
18	Malin Head ...	52	1025.7	+4	N N	2	c	55	85	8	*	–	–	7-8	7-8	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1026.4	-2	N E	3	b	56	95	9	–	–	–	0	0	–
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th July.

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)
1023.6	+12	WNW	1	3o	55	75	5	5	–	–	Tr.	Tr.	4000	0	*
1023.1	+10	WNW	1	3o	54	75	6	5	–	–	4-6	4-6	4000	0	*
1023.6	+16	NW	1	bc	52	85	7	5	–	–	2-3	2-3	4000	0	*
1023.9	+10	NNW	2	b	52	85	7	5	–	–	1	1	4000	0	*
1023.4	+14	NWN	3	c	54	85	7	5	3	–	4-6	7-8	1500	0	1
1023.3	+12	NNW	2	c	56	75	8	5	5	–	1	9	4000	0	2
1022.3	+10	NW	4	c	59	65	8	5	–	–	9+	9+	4000	0	*
1022.8	+12	NW	2	b	59	75	8	–	7	–	0	1	–	0	*
1022.3	+14	NNW	2	b	58	65	8	–	–	–	0	0	–	0	1
1021.6	+8	NNW	4	bc	50	85	7	7	–	–	4-6	4-6	2500	0	2
1022.8	+10	WN	2	3o	56	75	6	–	–	–	0	0	–	0	*
1023.3	+8	NWN	3	3o	53	65	6	–	–	–	0	0	–	0	*
1024.2	+8	NNW	3	3o	53	85	5	–	–	–	0	0	–	0	*
1023.5	+6	N	3	3o	53	85	5	7	–	–	1	1	4000	0	*
1023.7	+4	NW	1	b	54	75	8	5	–	–	Tr.	Tr.	4000	0	*
1022.8	+8	NNE	3	bc	57	75	7	4	–	–	4-6	4-6	2500	0	3
1024.6	+14	–	0	b	59	75	8	–	–	1	0	Tr.	–	0	0
1024.8	+6	NNE	3	bc	57	85	8	7	–	–	2-3	2-3	4000	0	1
1025.0	+4	NEE	3	b	58	85	8	–	–	–	0	0	–	0	2
1023.0	+12	NNE	2	bc	59	75	6	–	–	8	0	2-3	–	0	1
1024.2	+6	NNE	2	bc	57	85	8	7	–	–	4-6	4-6	2500	0	1
1025.0	+4	N	3	bc	56	85	8	2	–	–	4-6	4-6	2500	0	2
1024.4	+8	NNW	3	3o	58	75	6	2	–	–	2-3	2-3	2500	0	*
1024.3	+10	–	0	m	47	95	4	–	–	–	0	0	–	0	*
1022.5	+4	NWN	5	bc	55	85	8	–	7	–	0	2-3	–	0	4
1023.7	+10	N W	3	b	54	65	8	–	–	–	0	0	–	0	*
1023.6	+14	NW	3	bc	49	75	7	2	–	–	2-3	2-3	2500	0	2
1024.3	+8	SW	2	3o	48	95	6	5	–	–	4-6	4-6	1500	0	1
1023.7	+10	W	3	b	52	75	9	1	–	–	Tr.	Tr.	4000	0	*
1024.2	+8	SWW	1	b	52	85	9	–	–	–	0	0	–	0	*
1024.5	+6	–	0	b	46	85	8	–	–	–	0	0	–	1	*
1024.9	+6	N	3	b	55	65	8	2	–	–	1	1	1500	0	2
1025.3	+10	NNW	1	bc	57	75	8	2	6	–	2-3	2-3	4000	0	1
1024.3	+4	WSW	2	bc	52	85	9	5	7	1	1	4-6	2500	1	1
1023.9	+8	–	0	b	50	75	8	4	–	–	Tr.	Tr.	4000	0	*
1022.3	+8	NW	4	bc	52	75	8	8	–	–	4-6	4-6	2500	0	1
1022.0	+6	NW	5	c	51	75	8	5	6	8	4-6	9	1500	0	3
1019.8	+10	NNW	4	c	48	85	8	5	2	–	7-8	10	1500	1	*
1026.8	+2	E	1	c	56	85	8	5	–	–	10	10	2500	0	2
1025.9	+6	N W	3	c	56	85	9	2	–	–	7-8	7-8	2500	0	1
1026.1	+6	NNW	2	b	51	85	8	8	4	1	Tr.	1	1500	0	*
1026.9	+6	S	1	b	48	95	8	–	–	–	0	0	–	0	*
1026.1	+4	–	0	bc	54	95	9	–	–	2	0	4-6	–	0	1
1026.3	+4	NNE	1	b	54	85	9	–	4	–	0	Tr.	–	0	1

PAST 24 HOURS.

District	Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 29th Hrs. (36)
1	69	51	42	–	–	11.8
	70	51	44	–	–	10.7
	73	49	40	–	–	11.2
	69	45	42	–	–	11.0
	71	53	51	–	–	11.4
	68	51	45	–	–	8.7
	68	56	53	–	–	9.8
2	71	53	47	–	Tr.	10.9
	68	53	49	–	–	10.2
	63	49	48	–	–	9.4
	68	47	42	–	–	10.4
	68	44	38	–	–	8.0
3	66	49	44	–	–	8.3
	68	46	40	–	–	*
4	69	46	37	–	–	11.5
5	(68)	53	*	–	–	*
	69	54	40	–	–	10.8
	(67)	52	*	0.1	–	*
	67	55	*	0.3	–	8.2
	69	55	61	Tr	–	9.3
6	64	51	*	–	–	13.5
7	61	54	51	–	–	9.8
	62	51	45	Tr	–	9.9
8	65	37	34	–	–	11.7
10	66	53	*	–	–	12.4
	65	43	35	–	–	7.1
	68	47	42	–	–	*
11	64	47	43	–	–	10.1
	65	41	30	Tr	–	9.3
12	64	43	36	–	–	15.2
	63	35	30	–	–	11.3
	64	56	*	–	–	13.4
13A	(59)	52	47	–	–	11.4
13B	59	45	*	Tr	–	12.3
15	57	34	25	–	–	6.1
	59	47	44	0.6	–	8.2
	57	48	*	0.2	–	*
16	51	45	*	Tr	Tr.	2.2
17	60	51	*	–	–	*
18	59	53	*	–	–	4.5
	62	45	38	Tr	–	4.9
19	67	42	35	–	–	9.0
20	66	48	42	–	Tr.	14.2
	70	51	*	–	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	bcy	bcy	bcb bN	69	51	42	–	–	11.8	*	*	b
Croydon	217	cbcy	bbcy	bcy bc3	70	51	44	–	–	10.7	*	*	b
Greenwich (Royal Observatory)	149	by	bcy	cb3o	75	49	37	–	–	10.7	37	56	b
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	12.3	*	*	*
Westminster (St. James' Park)	27	*	*	*	72	52	45	–	–	11.6	39	56	*
Regents Pk. (Botanic Gardens)†	168	*	*	*	72	51	46	–	–	12.3	57	65	*
Camden Square	110	b bc	bcb	*	74	51	43	–	–		At 18h. 62		*
Kensington	80	bc	bc	*	71	51	43	–	–	11.7	43	59	*
Hampstead Observatory	450	bc	bc	bc	71	49	38	–	–	12.2	*	69	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 30th

South Kensington.

Max.	Time.	Min.	Time.
0.1	7h 30m	Nil	11–12h 29th

Kew Observatory.

Max.	Time.	Min.	Time.
0.2	4h 30m	0.1	13h 29th

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	1018.9	WNW	4	bc	68	1022.3	NNE	1	c	54	72	50	–	–
Brussels	1018.4	NW	5	c	59	1020.2	NW	3	fg	55	70		–	
Berlin	1005.8	WNW	7	c	63	1007.4	W	6	c	55	?	52	?	Tr.
Zürich	1014.7	W	4	c	72	1016.0	N	2	c	57	81	57	–	–
Rome	1009.8	S	4	b	82	1005.8	ESE	4	bc	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	2⅛ ,,
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 8 h.

§ Sea disturbance reported from Dungeness.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 31st July, 1935.

No. 26914

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	% Humid.	Visibility 0–9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base (feet)	Sunshine Hrs.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(36)
1	London (Kew)	1022·7	-1·0	N	2	b	67	35	7	1	–	–	1	1	2500	11·8
	Croydon ...	1022·3	-0·6	N	2	bc	68	35	8	1	–	–	2·3	2·3	4000	10·7
	S. Farnborough	1022·7	-0·8	NNE	2	bc	70	45	7	1	–	–	4·6	4·6	4000	11·2
	Boscombe Down	1022·7	-1·4	NE'N	2	bc	67	45	7	1	–	–	4·6	4·6	2500	11·0
	Calshot (Sthmtn.)	1022·9	-0·4	SE'S	1	bc	71	55	7	2	–	–	4·6	4·6	4000	11·4
	Lympne ...	1022·7	-0·6	NNW	2	bc	65	35	8	1	–	–	4·6	4·6	4000	8·7
	Manston ...	1022·6	-0·2	NNW	4	bc	65	35	8	7	–	–	2·3	2·3	2500	9·8
2	Shoeburyness ...	1022·8	-0·4	N'W	3	bc	68	45	8	7	–	–	2·3	2·3	4000	10·9
	Felixstowe ...	1022·5	0·0	NNW	4	bc	67	35	8	1	–	–	2·3	2·3	4000	10·2
	Gorleston ...	1022·1	+0·6	NW	5	c	62	55	7	8	–	–	9+	9+	2500	9·4
	Mildenhall ...	1022·7	-0·2	N	3	bc	67	35	8	1	–	–	2·3	2·3	4000	10·4
	Cranwell ...	1023·2	-0·4	NNW	3	b·	67	35	8	·1	–	–	1	1	4000	8·0
3	Birmingham ...	1023·0	-0·4	N	2	b	69	35	8	1	–	–	1	1	4000	8·3
	Upper Heyford	1023·1	-0·6	N	3	bc	68	45	8	1	–	–	2·3	2·3	4000	*
4	Ross-on-Wye	1022·7	0·0	E'N	2	bc	68	45	8	1	–	–	2·3	2·3	4000	11·5
5	Portland Bill ...	1022·8	0·0	SSW	2	b	61	95	8	–	–	–	0	0	–	*
	Plymouth ...	1023·0	-0·6	SW's	3	b	66	65	8	1	–	–	Tr	Tr	2500	10·8
	The Lizard ...	1023·3	-0·2	ESE	2	b	66	65	8	1	–	–	Tr	Tr	4000	*
	Scilly (St. Mary's)	1024·5	-0·2	NE	4	b	65	65	8	1	–	3	1	1	4000	8·2
	Guernsey ...	1022·6	-0·4	N'E	4	bc	65	75	6	1	7	–	2·3	4·6	2500	9·3
6	Pembroke ...	1024·0	-0·4	NNE	2	bc	64	55	8	7	6	–	2·3	2·3	5700	13·5
7	Holyhead ...	1025·1	-0·2	N'W	3	bc	61	75	9	1	–	–	4·6	4·6	1500	9·8
	Chester (Sealand)	1024·7	0·0	WNW	4	b	62	55	8	1	–	–	1	1	2600	9·9
8	Manchester ...	1023·6	-0·4	NNW	3	b	67	45	8	1	–	–	1	1	4000	11·7
10	Spurn Head ...	1023·3	+0·2	NNE	6	bc	62	65	8	–	7	–	0	4·6	–	12·4
	Catterick ...	1023·2	-0·6	ENE	2	bc	64	45	7	1	–	–	2·3	2·3	4000	7·1
	Tynemouth ...	1023·5	0·0	N	4	bc	57	65	8	1	–	1	2·3	2·3	4000	*
11	Inchkeith ...	1023·3	-0·8	SW	2	bc	63	55	8	7	–	–	2·3	2·3	4000	10·1
	Leuchars ...	1023·0	-0·4	ESE	2	b	65	55	9	1	–	–	1	1	4000	9·3
12	Renfrew (Abbotsl.)	1023·3	-0·6	WNW	1	b	66	45	9	1	–	4	Tr	Tr	4000	15·2
	Eskdalemuir ...	1022·7	-0·4	NNW	2	b	64	45	8	1	–	–	Tr	Tr	4000	11·3
	Point of Ayre...	1025·3	0·0	NW	3	b	65	65	8	1	–	–	1	1	4000	13·4
13A	Tiree	1024·9	0·0	W	2	bc	61	75	9	2	4	1	1	2·3	4000	11·4
13B	Stornoway ...	1024·3	+0·2	S	3	c	57	75	9	8	6	–	4·6	9+	1500	12·3
15	Dalwhinnie ...	1022·7	0·0	NNW	2	b	62	45	8	–	–	1	0	Tr	–	6·1
	Aberdeen ...	1022·9	+0·2	NNW	4	b	60	55	8	1	–	9	1	1	4000	8·2
	Wick ...	1023·0	+0·4	NW	5	bc	56	75	8	5	6	–	2·3	4·6	2500	*
16	Lerwick ...	1021·2	0·0	NW	4	c	54	65	8	5	–	–	7·8	7·8	1500	2·2
17	Blacksod Point	1025·8	-0·4	W	1	c	61	75	9	5	–	–	10	10	2500	*
18	Malin Head ...	1025·5	-0·2	NW	2	bc	59	85	9	2	–	–	2·3	2·3	2500	4·5
	Aldergrove ...	1025·4	-0·6	NW	2	bc	64	53	9	7	–	–	2·3	2·3	2500	4·3
19	Birr Castle ...	1025·5	-1·0	S	1	bc	67	55	8	1	–	–	4·6	4·6	4000	9·0
20	Valentia Obsy. †	1025·3	-0·2	W'N	2	c	64	85	9	7	–	–	7·8	7·8	4000	14·2°
	Roches Point	1025·4	-0·2	E'S	1	bc	63	85	9	7	–	–	2·3	2·3	2500	*

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0–12	Weather.	°Temp. F.	% Humid.	Visibility 0–9	Cloud. Form. Low	Form. Med.	Form. High	Amount. Low 0–10	Amount. Total 0–10	Height of Base (feet)	State of Ground. 0–9	Sea. 0–9
		(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	London (Kew)	1022·0	-0·2	NW'N	3	b	70	25	8	–	–	–	0	0	–	0	*
	Croydon ...	1021·7	-0·2	NE'N	2	b	69	25	8	4	–	–	Tr	Tr	5700	0	*
	S. Farnborough	1021·7	-0·4	NNE	2	b	69	35	7	1	–	–	Tr	Tr	5700	0	*
	Boscombe Down	1021·7	-0·6	NE'N	2	b	65	35	7	1	–	–	Tr	Tr	4000	0	*
	Calshot (Sthmtn.)	1021·9	-0·6	SW's	3	b	66	65	7	7	–	–	Tr	Tr	4000	0	*
	Lympne ...	1022·9	0·0	SE's	2	b	61	65	8	8	–	–	1	1	4000	0	§ 1
	Manston ...	1022·6	+0·2	NE	3	b	62	55	8	1	–	–	Tr	Tr	2500	0	*
2	Shoeburyness ...	1022·5	0·0	E	3	bc	65	65	8	1	–	–	2·3	2·3	4000	0	*
	Felixstowe ...	1021·7	+0·4	N'W	4	b	63	45	8	1	–	–	Tr	Tr	4000	0	2
	Gorleston ...	1022·1	0·0	NNW	4	bc	60	65	7	1	–	–	4·6	4·6	2500	0	3
	Mildenhall ...	1023·0	+0·10	NNE	3	b	63	45	8	–	–	–	0	0	–	0	*
	Cranwell ...	1023·1	+0·2	NE'N	3	b	65	45	8	–	–	–	0	0	–	0	*
3	Birmingham ...	1022·5	-0·2	NNW	3	b	66	45	7	–	–	–	0	0	–	0	*
	Upper Heyford	1021·9	-0·6	N	3	b	68	35	8	5	–	–	1	1	5700	0	*
4	Ross-on-Wye	1021·7	-0·6	N	2	b	69	35	8	–	–	–	0	0	–	0	*
5	Portland Bill ...	1022·1	-0·6	SW	2	b	62	75	8	–	–	–	0	0	–	0	2
	Plymouth ...	1021·9	-0·6	SW's	3	b	65	65	8	1	–	–	Tr	Tr	2500	0	1
	The Lizard ...	1022·3	-0·6	–	0	b	63	65	8	1	–	–	Tr	Tr	4000	0	1
	Scilly (St. Mary's)	1022·3	-0·8	NE	4	b	61	75	8	5	–	–	1	1	2500	0	2
	Guernsey ...	1021·5	-0·6	NE'E	4	b	61	75	8	–	–	–	0	0	4000	0	3
6	Pembroke ...	1023·1	-0·8	NNE	3	bc	60	65	8	5	–	–	2·3	2·3	4000	0	1
7	Holyhead ...	1024·2	-0·8	NNW	2	b	59	65	9	–	–	5	0	1	–	0	1
	Chester (Sealand)	1024·0	-0·6	WNW	4	b	61	65	8	–	–	–	0	0	–	0	*
8	Manchester ...	1023·3	-0·2	NW	4	b	64	45	8	–	–	–	0	0	–	0	*
10	Spurn Head ...	1023·1	0·0	NNE	5	b	59	75	8	–	–	–	0	0	–	0	4
	Catterick ...	1023·3	-0·2	E'N	2	b	61	55	7	–	–	–	0	0	–	0	*
	Tynemouth ...	1023·9	0·0	NE	2	bc	58	75	8	1	–	–	2·3	2·3	4000	0	2
11	Inchkeith ...	1022·5	-1·0	E	2	c	60	75	8	5	5	6	2·3	7·8	4000	0	1
	Leuchars ...	1023·0	0·0	ESE	3	bc	58	75	8	1	–	4	Tr	4·6	4000	0	*
12	Renfrew (Abbotsl.)	1022·5	-0·6	W'N	3	bc	65	55	9	1	–	6	Tr	4·6	4000	0	*
	Eskdalemuir ...	1022·3	0·0	NW'W	2	b	65	46	9	4	–	1	Tr	1	4000	1	*
	Point of Ayre...	1023·3	-0·8	WNW	3	b	63	75	8	–	9	–	0	Tr	–	0	1
13A	Tiree	1024·3	-0·4	WSW	1	c	58	85	8	5	–	–	7·8	7·8	4000	0	1
13B	Stornoway ...	1023·1	-0·8	S	3	c	55	75	9	5	7	–	7·8	9	1500	1	1
15	Dalwhinnie ...	1022·0	-0·4	NNW	1	c	61	55	8	4	6	4	2·3	10	2500	0	*
	Aberdeen ...	1022·9	0·0	N'W	3	b	60	65	9	–	–	1	0	1	–	0	2
	Wick ...	1023·1	-0·2	NNW	3	bc	57	65	8	5	1	8	4·6	4·6	2500	0	2
16	Lerwick ...	1021·9	+0·4	NW	3	bc	53	75	8	7	3	1	2·3	4·6	1500	0	*
17	Blacksod Point	1024·0	-0·6	N	1	c	62	75	9	4	–	7	4·6	7·8	2500	0	2
18	Malin Head ...	1024·4	-0·8	N'W	2	b	59	85	9	2	–	1	Tr	Tr	2500	0	0
	Aldergrove ...	1024·1	-0·6	NNW	2	bc	56	65	9	7	–	–	2·3	2·3	4000	0	*
19	Birr Castle ...	1023·5	-1·2	S	1	bc	71	55	8	1	–	–	4·6	4·6	4000	0	*
20	Valentia Obsy. †	1023·8	-1·4	W'N	2	c	62	85	9	5	–	1	7·8	7·8	4000	0	1
	Roches Point	1023·9	-1·2	ESE	1	b	64	85	8	5	–	–	1	1	2500	0	1

PAST 24 HOURS.

District	Stations. (For heights see p. 4.)	Weather. 7h.—13h.	Weather. 13h.—18h.	Weather. 18h. 30m.—1h.	Weather. 1h.—7h.
		(37)	(38)	(39)	(40)
1	London (Kew)	bzby	by	b	bz₀w
	Croydon ...	bcby	bcby	byb	bwbw₀
	S. Farnborough	by	bcby	yb	bwm₀
	Boscombe Down	bbcy	bcyby	byb	bcbm₀
	Calshot (Sthmtn.)	cbcby	bcyb	bbw	bwm₀
	Lympne ...	cbbcy	bcyb	~~by~~ bbw	bwb
	Manston ...	cbbc	bcyby	byb	bbc
2	Shoeburyness ...	bbcy	by	b	bwy
	Felixstowe ...	bcy	b bcyby	bybw	bwb
	Gorleston ...	bcqy	cpbqbc	bc	bc
	Mildenhall ...	bm₀bc	bcb	bz₀	bz₀w
	Cranwell ...	bz₀by	by	by	bw
3	Birmingham ...	b	b	b	b
	Upper Heyford	bbcz₀y	by	bybc	bcb
4	Ross-on-Wye	bbcy	by	bbz₀	bm₀w
5	Portland Bill ...	bcb	b	b	b
	Plymouth ...	byb	b	bz₀	bz₀w
	The Lizard ...	bcb	b	b	bbc
	Scilly (St. Mary's)	b	b	b	bbc
	Guernsey ...	bcc	bcb	b	b
6	Pembroke ...	bcy	bc	bcb	bc
7	Holyhead ...	by	bcb	bw	bwb
	Chester (Sealand)	bcby	by	b	bmbm₀w
8	Manchester ...	bmby	by	byb	bmym₀w
10	Spurn Head ...	bc	bcb	bc	bc
	Catterick ...	bby	by	bybw	bwb
	Tynemouth ...	bc	bc	bc	bc
11	Inchkeith ...	z₀bc	bcc	cbc	bc
	Leuchars ...	by	bcc	bcb	bwb
12	Renfrew (Abbotsl.)	byv	byvbc	bcybw	bwbm₀
	Eskdalemuir ...	bwby	by	bybw	bw
	Point of Ayre...	bc	bc	bcb	bbcw
13A	Tiree	bc	bc	ccd	c
13B	Stornoway ...	bcc	c	cp₀	cirm₀
15	Dalwhinnie ...	b	bc	*	c
	Aberdeen ...	bcby	by	bbwcw	bcw
	Wick ...	cbc	bc	bcc	c
16	Lerwick ...	c	c	bcc	c
17	Blacksod Point	c	cbc	bc	bcc
18	Malin Head ...	cbw	bcv	bcv	bcv
	Aldergrove ...	bwbc	bcy	bcbw	bwbc
19	Birr Castle ...	bbcy	bcy	bc	bc
20	Valentia Obsy. †	bbccv	bcy v cbc	cbcbw	bwbcc
	Roches Point	bbc	bcb	bbw	bwbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

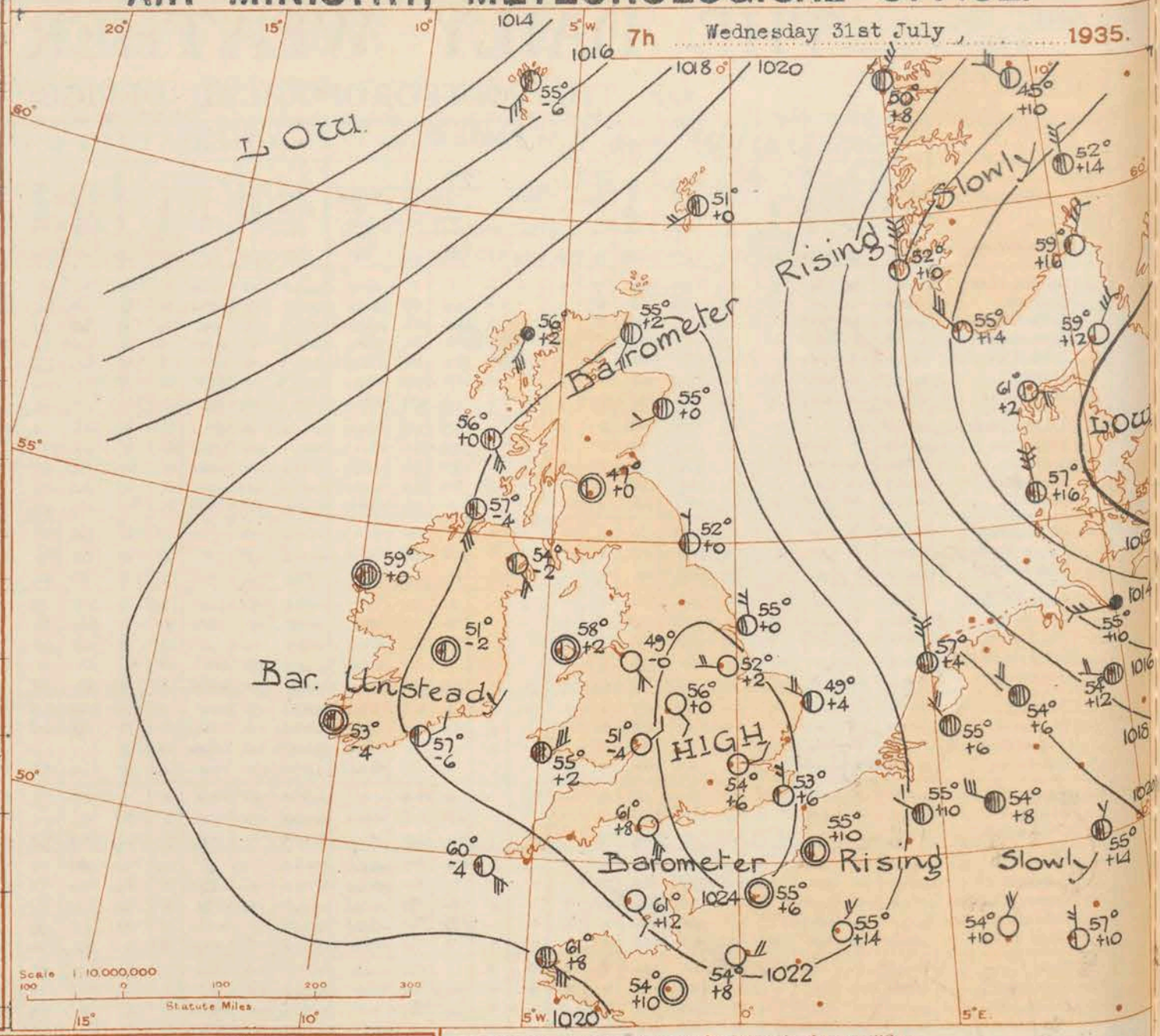
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

† Sea disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 30th July, 1935.

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	bbc	b	48	71	-	-	9.7	8.8
	Bournemouth	bcbb	b	49	72	-	-	9.6	10.7
	Ventnor ...	b	b	52	72	-	-	11.2	10.2
	Southsea ...	c bb	b	60	70	-	-	7.1	10.6
	Bognor Regis	bc	bc bb	54	67	-	-	10.4	9.5
	Littlehampton	bc	bc	53	67	-	-	10.5	10.0
	Worthing ...	b bc	b	54	67	-	-	9.1	10.3
	Brighton ...	b	b	55	69	-	-	9.5	9.9
	Eastbourne† ...	by	by	54	68	-	-	10.9	8.3
	Hastings† ...	bcbc c	bcb bc	53	66	-	-	10.5	7.1
	Folkestone ...	bc	bc	52	70	-	-	10.5	7.9
	Dover ...	ybc	bcy	53	69	-	-	10.5	7.7
	Deal	cb	b	55	71	-	-	9.8	8.4
	Ramsgate ...	bcb	b	58	69	-	-	10.0	10.4
	Margate ...	b	b	58	66	-	-	10.9	10.5
2	Southend ...	b	b	55	73	Trace	-	11.0	10.8
	Maldon ...	b	bv	54	68	-	-	11.2	9.3
	Clacton-on-Sea	b bcv	bcbvy	50	69	-	-	11.5	9.4
	Dovercourt ...	bcv	bcv	53	70	-	-	12.1	10.0
	Lowestoft ...	bc	bc	49	65	-	-	9.5	8.0
	Skegness ...	bc	bcb	50	63	-	-	12.1	9.1
	Mablethorpe...	bcbvy	bv	46	62	-	-	12.4	11.5
	Cleethorpes ...	bcv	bv	49	64	-	-	11.3	11.4
3	Leamington S.	b	b bz	46	71	-	-	11.4	10.0
4	Cheltenham†	b	bbcz	47	74	-	-	11.1	11.5
5	Bath	b	b	47	73	-	-	11.8	12.0
	Weymouth ...	b	b	51	69	-	-	11.9	11.3
	Jersey ...	b	b	57	71	-	-	12.0	9.3
	Torquay ...	by	b	52	68	-	-	12.3	11.1
	Penzance ...	b	b	55	69	-	-	11.5	9.5
	St. Ives ...	b	b	57	63	-	-	10.9	9.7
	Bude... ...	w b	b	46	66	-	-	10.9	11.6
	Ilfracombe ...	bcb	b	57	65	-	-	12.3	13.4
6	Aberystwyth	bc	bc	47	64	-	-	12.3	13.3
7	Llandudno ...	b	b	54	63	-	-	12.1	11.3
	Colwyn Bay...	bcbcb	bc bb	55	61	-	-	11.9	11.0
	Rhyl	bcb	b	56	62	-	-	11.3	11.8
8	Wallasey ...	b	b	56	65	-	-	12.0	10.5
	Southport‖ ...	b	b	50	66	-	-	11.8	12.8
	Blackpool ...	b	b	52	64	-	-	12.2	12.3
	Morecambe ...	b	b	46	65	-	-	11.8	12.6
9	Ilkley... ...	b	b	41	70	-	-	11.2	11.2
	Harrogate ...	b	b	44	66	-	-	11.8	8.0
10	Berwick-on-T.	bc	bcb	48	59	-	-	12.2	10.0
11	Dunbar ...	bc	bc	43	61	-	-	12.4	7.7
12	Troon... ...	bvbcb	bbcbb	47	66	-	-	11.6	14.2
	Douglas ...	bc	b	50	64	-	-	11.8	12.6

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



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st July, 1935.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Light variable wind; fine; warm or very warm inland in the afternoon, rather cool at night.
13 A. W. Scotland.	Light southerly wind; fair; average temperature.
13 B. N.W. Scotland.	Light southerly wind; cloudy; occasional slight rain; average temperature.
14 Mid Scotland	As 1 - 12.
15 N. E. Scotland	As 13 A
16 Orkney and Shetland	As 13B.
17 N. W. Ireland	As 13A.
18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	As 1 - 12.

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

GENERAL INFERENCE.

An anticyclone is centred over the British Isles while a shallow depression is moving northeast across Iceland. Slight rain will occur in the extreme north of Scotland but it will be fine elsewhere. It will be warm or very warm inland in the afternoon.

FURTHER OUTLOOK.

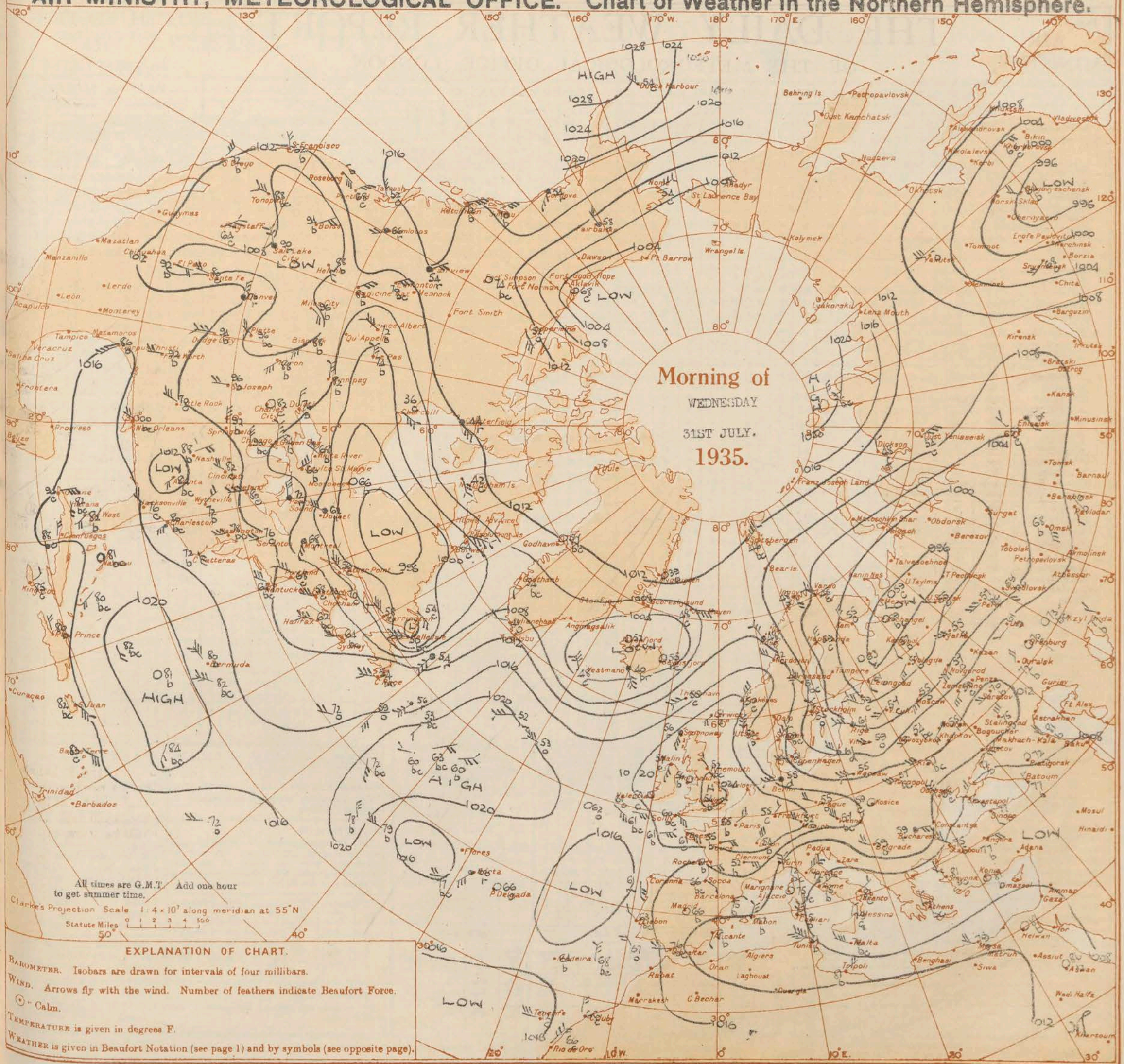
Fine; warm or very warm.

Forecasts issued at 1000 G.M.T.

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

H.M. Stationery Office Press Kingsway WC2
6212 2304 im. 8/35 D 8001 Gp. 908 29760 7/35.

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 31st July, 1935.

No. 26914

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	1024·2	+10	-	0	b	50	95	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (Sthmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1024·2	+2	NW	2	b	49	95	8	-	-	-	0	0	-
	Manston ...	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1023·1	+2	WNW	2	bc	50	85	7	4	-	-	2-3	2-3	2500
	Mildenhall ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill ...	32	1021·8	-4	N	3	b	53	85	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1022·2	-2	NE	3	b	56	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1022·0	-6	ENE	3	b	56	95	8	-	-	-	0	0	-
	Guernsey ..	175	1021·9	+2	-	0	b	57	85	7	-	-	-	0	0	-
6	Pembroke ...	142	1021·9	0	ENE	3	b	54	85	8	5	-	-	Tr	Tr	4000
7	Holyhead ...	26	1023·5	-2	NE	2	b	55	85	8	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023·7	+2	NNW	4	bc	54	95	8	-	2	-	0	2-3	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1023·9	0	NW	1	bc	53	75	6	5	-	-	2-3	2-3	1500
11	Inchkeith ...	190	1023·4	+3	SSE	1	bc	52	85	8	5	-	-	2-3	2-3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre ...	30	1024·0	0	W	2	b	48	95	8	-	-	-	0	0	-
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	80	1021·8	-2	SSW	3	c/pr	55	95	7	5	2	-	9	10	-
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick ...	81	1022·5	-2	SSW	2	c	51	95	8	5	7	-	7-8	9	1500
16	Lerwick ...	156	1022·3	+4	S	1	c	48	95	8	5	3	-	4-6	9	1500
17	Blacksod Point	18	1022·1	-2	W	2	bc	53	95	8	4	-	-	2-3	2-3	2500
18	Malin Head ...	52	1023·1	-3	S	1	b	53	95	9	5	-	-	1	1	2500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy. †	30	1022·7	-6	E	2	b	56	95	8	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 31st July.

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)
1024·7	+6	-	0	3o	56	65	6	-	-	-	0	0	-	0	*
1024·1	+6	NE'E	1	3o	54	75	5	-	-	-	0	0	-	0	*
1024·4	+6	-	0	3o	53	85	6	-	-	-	0	0	-	0	*
1023·9	+6	E	1	b	54	95	6	-	-	-	0	0	-	1	*
1023·8	+10	NNW	1	b	58	85	6	-	-	-	0	0	-	1	1
1024·4	+6	N	2	b	53	75	8	5	-	-	Tr	Tr	4000	0	§1
1023·7	+8	N	3	bc	57	65	8	1	-	-	4-6	4-6	2500	0	*
1024·1	+6	NNW	2	b	56	75	8	-	-	-	0	0	-	0	*
1024·0	+4	NW'N	2	b	55	75	8	7	-	-	1	1	2500	0	1
1023·5	+4	NW'W	2	bc	49	85	7	2	-	-	4-6	4-6	4000	0	2
1024·1	+8	-	0	3o	53	75	6	-	-	-	0	0	-	0	*
1024·4	+2	W	2	b	52	75	7	-	-	-	0	0	-	0	*
1024·2	0	SE	1	3o	56	55	5	-	-	-	0	0	-	0	*
1024·2	-2	-	0	b	56	65	7	-	-	-	0	0	-	0	*
1023·5	-4	NE	1	3o	51	85	6	-	-	-	0	0	-	0	*
1022·9	+8	SE	3	b	61	75	8	-	-	-	0	0	-	0	2
1022·4	+2	ENE	2	3o	56	85	7	-	-	-	0	0	-	0	1
1021·4	+2	ESE	4	bc	61	85	8	7	8	-	2-3	2-3	4000	0	3
1020·8	-4	E'S	3	bc	60	85	6	-	-	3	0	4-6	-	0	2
1022·5	+12	SE	1	b	61	75	7	-	-	-	0	0	-	0	1
1022·2	+2	E'N	~~3~~ 2	bc	55	85	7	5	4	-	2-3	~~7-8~~ 5-6	4000	0	1
1022·9	+2	-	0	b	56	85	9	1	5	-	Tr	1	1500	0	0
1023·7	0	SE'E	+2	3o	49	85	5	-	-	-	0	0	-	0	*
1024·2	+2	ESE	1	3o	53	75	5	-	-	-	0	0	-	0	*
1023·8	0	N'W	2	bc	55	85	7	-	1	-	0	2-3	-	0	1
1023·9	-2	-	0	b	51	85	7	-	-	-	0	0	-	0	*
1023·8	+2	NNW	1	bc	52	75	6	4	-	-	2-3	2-3	4000	0	2
1023·9	+6	E	1	bc	51	95	6	5	4	-	2-3	2-3	1500	0	1
1023·7	+2	WSW	1	bc	49	95	7	5	-	-	1	1	~~2500~~ 4000	0	*
1023·4	0	-	0	3o	47	95	6	-	-	1	0	Tr	-	0	*
1023·6	0	-	0	b	49	85	8	-	-	-	0	0	-	1	*
1023·6	0	WNW	1	bc	55	95	8	-	6	3	0	2-3	-	0	0
1022·0	0	SSE	3	c	56	95	8	5	-	-	9+	9+	2500	0	2
1020·8	+2	SSW	3	r.b	56	95	5	5	2	-	7-8	10	450	1	2
1022·4	0	W	2	c	54	75	8	4	6	1	2-3	10	2500	0	*
1022·8	0	WSW	2	c	55	75	8	5	-	-	9+	9+	4000	0	1
1021·8	+2	SSW	2	c	55	75	8	5	7	-	7-8	9+	1500	0	2
1021·6	0	SW	2	c	51	95	7	5	7	-	7-8	9+	800	0	*
1021·5	0	-	0	c	59	95	8	5	-	-	10	10	2500	0	2
1021·9	-4	S'W	3	c	57	85	8	8	-	2	2-3	7-8	2500	0	0
1023·4	-2	SSE	2	bc	54	85	8	5	-	1	Tr	2-3	1500	0	*
1022·6	-2	-	0	bc	51	95	8	5	-	-	2-3	2-3	2500	0	*
1021·2	-4	-	0	c	53	95	8	-	-	41	0	7-8	-	0	1
1022·0	-6	ENE	1	bc	57	85	9	-	-	9	0	4-6	-	0	1

PAST 24 HOURS.

Temperature. Max. Day 7h–18h °F. (31)	Min. Night 18h–7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 31st July. Hrs. (36)
71	49	37	-	-	12·4
71	46	42	-	-	13·1
73	40	29	-	Tr	12·3
71	48	45	-	-	13·5
72	56	49	-	-	11·2
67	46	41	-	-	11·3
67	45	35	-	-	11·7
71	44	35	-	-	13·3
68	45	39	-	-	14·4
62	44	42	Tr	-	9·1
68	39	35	-	-	14·1
69	43	38	-	-	14·0
70	47	33	-	-	12·6
70	44	36	-	-	*
71	45	34	-	-	13·9
66	57	*	-	-	*
69	50	46	-	-	14·4
67	54	*	-	-	*
65	55	*	-	-	14·6
65	57	52	-	-	13·9
66	53	*	-	-	15·6
62	51	39	-	-	13·8
63	38	33	-	-	14·0
69	40	34	-	-	12·7
62	53	*	-	-	14·5
66	38	31	-	-	14·5
60	49	42	-	-	*
67	49	38	-	-	13·7
66	39	32	-	-	15·0
68	39	35	-	-	15·2
69	38	30	-	-	14·6
65	43	*	-	-	14·8
62	54	52	-	0·1	11·3
60	55	*	-	Tr	5·9
65	46	40	-	-	11·6
63	44	40	-	-	12·1
58	49	*	-	-	*
56	47	*	-	-	10·9
62	51	*	-	-	*
61	49	*	-	-	14·0
67	44	39	-	-	12·9
71	47	37	-	-	12·6
65	50	46	-	Tr	9·1
65	48	*	-	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	by	by bom	71	49	37	-	-	12·4	*	*	6
Croydon	217	bcby	bcby	by bom	71	46	42	-	-	13·1	*	*	7
Greenwich (Royal Observatory)...	149	by	by	bm	73	46	34	-	-	13·2	29	47	7
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	13·6	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	73	53	43	-	-	13·2	31	45	*
Regents Pk. (Botanic Gardens)‡...	168	*	*	*	73	49	43	-	-	13·3	44	53	*
Camden Square	110	b	b	*	74	49	40	-	-	*	*	48	*
Kensington	80	b	b	*	72	50	40	-	-	13·1	At 18h. 35	40	*
Hampstead Observatory	450	bc	b	b	70	50	39	-	-	13·6	*	55	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 30th July.

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1020·5	NNE	3	bc	68
Brussels	1021·0	NNW	2	c	55
Berlin	1016·0	W	5	c	61
Zürich	1017·4	N	2	bc	63
Rome	1004·1	SSW	3	3c	79

7h. G.M.T. 31st July.

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1023·0	NE	2	b	55
1021·8	WNW	1	c	55
1018·2	N	1	b	52
1006·3	NE	4	b	75

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 3145.

South Kensington.

Max.	Time.	Min.	Time.
0·3	6hrs 31st	Nil.	19hrs 30th

Kew Observatory.

Max.	Time.	Min.	Time.
0·2	7hrs 31st	<0·1	15hrs 30th

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day mm.	Rainfall. Night mm.
72	46	"	-
68	46	0·4	Tr
63		0·4	
72	48	-	-
4	4	-	-

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 8 h.

§ Sea disturbance reported from Dungeness.