M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to 31st March

1934..

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

INTRODUCTION

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

NOTES REGARDING THE BRITISH SECTION.

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

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

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

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

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

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

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

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

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

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

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

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

In the case of ships at sea, the hour of observation for vessels east of 40° W. is 6h. G.M.T. while that for vessels west of 40° W. is 0h. G.M.T.

Thus, within each of the two sectors 40° W. to 170° W. and 30° E. to 40° W., the observations are approximately synchronous among themselves though most of those in the western sector refer to an epoch 6 hours earlier than do most of those in the eastern sector.

The observations shown for Russia and Siberia are especially to be noted from this standpoint of time. They are made at 7h. *local time* which implies that the absolute time to which they refer varies over a wide range, viz.; from 5h. G.M.T. in the longitude of Lenigrad (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 1h. 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 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.

2496/6

1h. G. M. T.

7h. Local Time.

Oh. G. M. T.

Ships. Oh. G.M.T.

Ships 6h. G.M.T.

Stations 6h G.M.T

Stations 7h. G.M.T.

Stations 6h G.M.T

8h. G.M.T

Land

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

Statute Miles 0 1 2 3 4 500

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

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND

FORECAST DISTRICTS
and the Counties comprised within them.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

14. *Mid. Scotland.*
    Perth.

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

16. *Orkneys and Shetlands.*

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

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

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

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

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT.

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

Stations.—*Kew.*—Temperature readings at Kew are taken in a large louvred screen placed against the north wall of the observatory. The thermometer bulbs are at a height of 10 feet above the ground immediately surrounding the building. This ground is raised a few feet above the general level of the Old Deer Park in which the observatory stands.

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

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

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

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

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

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

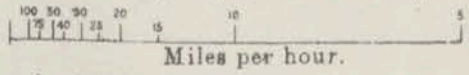
The wind at a height of 1,500-2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the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

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

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

GEOSTROPHIC WIND SCALE FOR

8 mb isobars on $1 : 4 \times 10^7$ Charts.
or 2 mb " " $1 : 10^7$ "



Miles per hour.

This scale applies under the following conditions:—

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

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

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

Relative Humidity.—Relative Humidity at British stations is calculated from the following hygrometric formulæ:—

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

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

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

where x is the vapour pressure in mb.:

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

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

t the dry bulb temperature; and

t' the wet bulb temperature.

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

Wind.—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. The number of feathers on the arrows denotes wind force by Beaufort number.

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

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

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

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.

Ps.785/2705. We.57A. D.8004. 6p.808. 340. 3/34.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

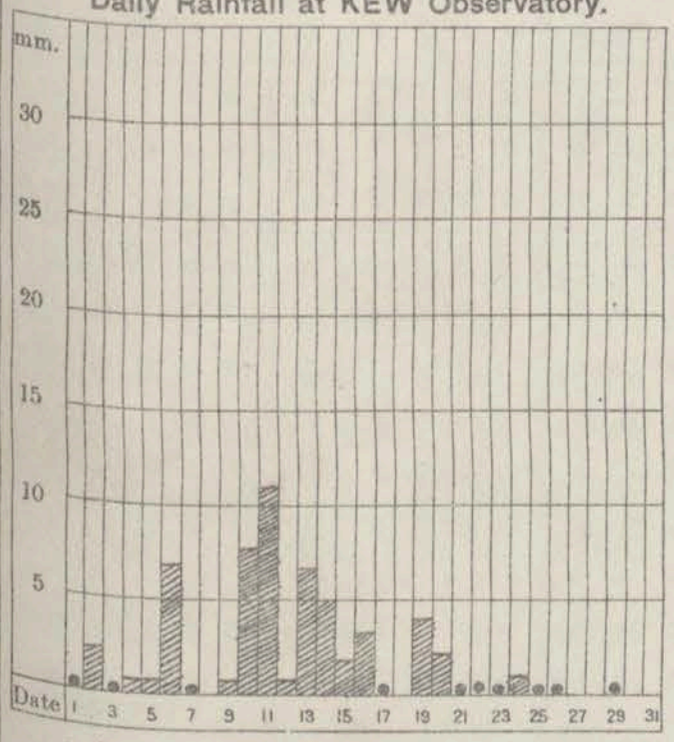
MONTHLY SUPPLEMENT,

March, 1934. No.207.

A variable month; very unsettled at times.

Pressure was below normal for the month. Sunshine was above normal in West Scotland. There was an excess of rainfall in most districts but a deficiency in parts of Scotland and Northwest England. From the 1st to the 22nd the British Isles were almost continuously under the influence of troughs and secondaries associated with low pressure systems passing to the north of these Islands or complex deep depressions whose paths directly traversed the country. As a result unsettled weather was experienced in all areas at various times, with showery and continuous rain or drizzle and showers of snow, sleet and hail accompanied, on occasions, by thunderstorms and gales. Gusts were reported of 63 m.p.h. at Liverpool on the 5th, and 68 m.p.h. at Felixstowe on 15th. On the 6th rain fell continuously in the London area for 5 hours and Kew's rainfall of 7 mm. on that day represented the largest fall there since the night of 14th/15th November 1933. Indicative of the conditions which reached the British Isles during the severely unsettled period of the 14th to 19th is the fact that on the 16th and 17th ships from the Atlantic were reporting wind force of "9" on the Beaufort scale, i.e. a whole gale, accompanied by heavy seas. There were, however, intervals of fair to fine conditions, particularly so on the 7th with 7 to 10 hours sunshine in the South, and on the 9th, 18th and 19th when bright periods resulted in sunshine of over 9 hours. The 8·8 hours at Kew on the 7th was the largest there since October 1933. Frosts occurred locally at times, some examples of low temperatures being a screen minimum of 16°F and a grass minimum of 12°F at Eskdalemuir on the 1st, a screen minimum of 14°F and a grass minimum of 7°F at Dalwhinnie on the 24th, and grass minima of 15°F at Birr on the 21st, and 10°F at Dalwhinnie on the 23rd. Fog occurred in the Southeast and Midlands on the morning of the 9th. From the 23rd to the 26th high pressure extending from the South and troughs of low pressure extending from the North gave fair to fine weather interrupted by periods of rain or drizzle. Day temperatures were above normal during this period, maxima of 55°F to 60°F occurred from the 24th to 27th. From the 27th to the 28th, under the influence of an anticyclone which formed over Scandinavia, fine conditions occurred almost everywhere, over 10 hours sunshine in places being enjoyed on the 28th. From the 29th to the end of the month pressure was high to the Northeast and low to the South and Southwest with dull to bright conditions and day temperatures a little below normal locally. Sunshine amounts were variable although, on the 31st, several stations recorded from 9 to 10 hours sunshine.

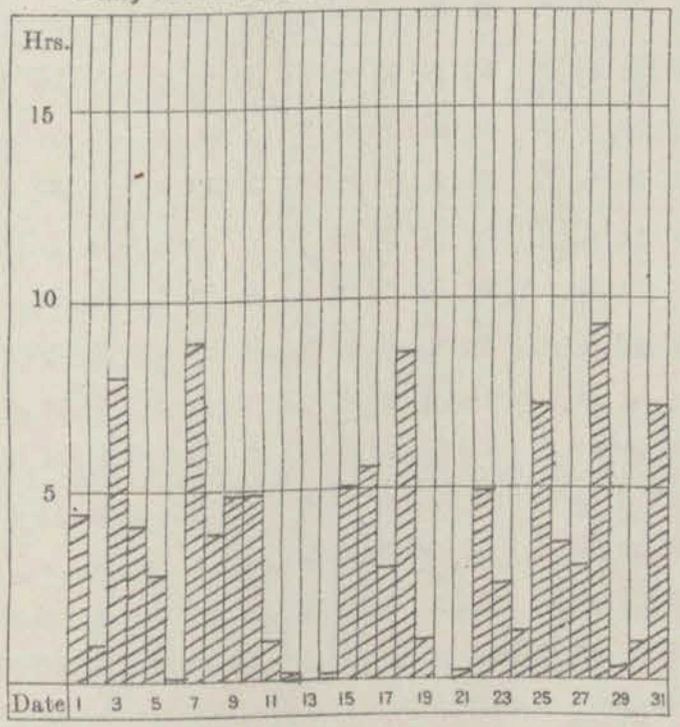
Daily Rainfall at KEW Observatory.



* = Less than 0·5 mm.

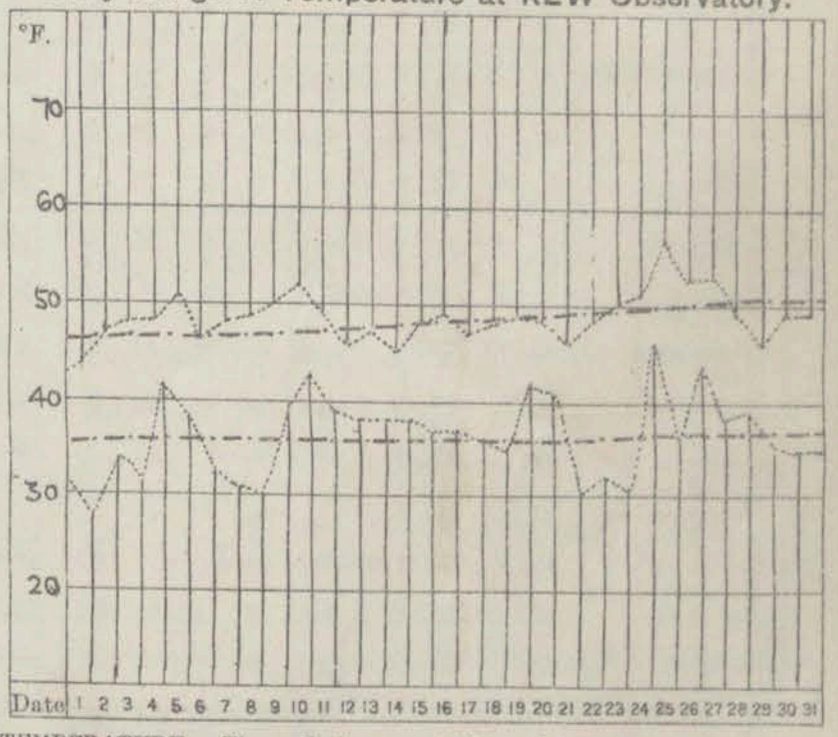
RAINFALL. Total for Month. 54 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 110 hrs.

Daily Range of Temperature at KEW Observatory.



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

MEAN VALUES FOR THE MONTH.*

Stations.	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F.	°F.
Kew	1006·0	−7.4	+2.6	+ 0·1
Aberdeen	1002·7	−6.6	40·5	0·0
Valentia	1005·3	−7.4	45·3	+ 0·1

*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	0	3

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

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

	miles.
Kew ...	6013
Aberdeen ...	8636
Lerwick ...	12541
Valentia ...	9220

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

	Stations.	†TEMPERATURE. Number of daily readings within fixed limits. Maximum. 32° or below	33° to 41°	42° to 50°	51° to 59°	60° to 68°	Average Maximum.	Minimum. 23° or below	24° to 32°	33° to 41°	42° to 50°	Average Minimum.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	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.
							°F.					°F.	°F.		°F.		°F.		°F.																					
1	London ... (Kew Obsy).	0	0	25	6	0	50.4	0	8	18	5	37.9	57	25	44	1	46	25	28	2	15	6	17	0	3	26	0	1	27	0	0	3	3	2	4	0	0	1	2	8
	Croydon ...	0	1	22	8	0	50.2	0	6	21	4	37.0	56	25	41	1	45	25	30	1,9, 22	12	8	12	0	3	27	0	3	25	1	0	0	2	4	8	0	0	0	2	7
	Calshot** ... (Southampton)	0	0	24	6	1	49.3	0	5	22	4	38.4	60	25	44	2, 14	43	11, 20, 27	27	1	12	9	12	0	4	26	0	6	16	0	1	0	1	1	13	0	0	0	0	17
	Lympne ...	0	1	26	4	0	47.9	0	6	25	0	36.6	54	20	41	1	40	11, 20, 21	28	1	13	14	10	2	8	22	1	6	16	0	0	3	1	3	10	0	1	1	0	20
2	Shoeburyness ...	0	1	23	7	0	50.0	0	7	23	1	35.9	54	10	40	1	43	25	25	2	16	7	13	0	2	24	0	2	21	1	0	0	2	7	13	0	0	0	0	22
	Gorleston ...	0	1	28	2	0	47.6	0	3	28	0	37.4	51	15, 22	41	10	41	5, 21	24	1	3	2	23	0	0	28	0	0	29	0	0	1	1	0	7	0	0	0	1	9
	Cranwell ...	0	1	25	5	0	49.3	0	12	18	1	34.7	58	25, 26	41	12	42	5	29	1	20	8	18	0	6	24	0	5	19	1	0	3	2	4	9	0	0	1	2	13
3	Birmingham ... (Edgbaston)	0	2	23	5	1	48.0	0	3	28	0	35.8	60	25	39	14	41	24, 25, 26	28	1	14	6	16	0	1	26	0	2	23	0	0	1	3	3	12	0	0	1	5	8
4	Ross-on-Wye ...	0	0	20	11	0	49.0	1	7	22	1	36.8	59	25	42	14	45	25	23	1	17	4	22	0	2	26	2	1	24	0	0	1	0	4	17	0	0	1	1	19
5	The Lizard ...	0	0	25	6	0	*	0	0	15	16	*	57	25	44	17	46	25	35	1	*	3	28	0	1	30	0	1	29	0	0	0	3	0	28	0	1	0	0	25
7	Holyhead ...	0	0	26	5	0	47.7	0	0	23	8	40.4	54	25, 28	43	13, 14, 15	47	26	33	28	5	3	22	3	2	26	3	3	23	1	0	0	1	2	20	0	0	0	0	23
8	Liverpool ... (Bidston)	0	1	27	3	0	47.4	0	4	25	2	37.8	52	25	37	14	42	2, 26	30	14	5	2	26	0	0	30	0	5	24	0	0	2	2	1	21	0	0	0	1	20
10	Tynemouth ...	0	4	23	4	0	47.2	0	3	27	1	37.7	56	24	40	13, 14	43	26	30	14	8	2	29	0	1	30	0	0	31	0	0	0	0	3	12	0	0	0	0	17
11	Inchkeith** ...	0	5	24	2	0	46.2	0	1	26	4	37.5	56	24	41	6, 10, 11, 14, 15	45	26	31	14	7	1	29	0	0	30	0	0	31	0	0	0	0	0	28	0	0	0	0	27
12	Renfrew ...	0	2	25	4	0	47.8	1	11	16	3	34.8	57	24	41	11, 14	45	26	23	14	16	6	19	1	2	25	2	1	24	3	0	0	2	2	13	0	0	0	0	21
	Eskdalemuir ...	0	13	16	2	0	45.4	4	14	13	0	31.8	54	24	37	12	41 26 39 2		16	1, 14	17 16	13	14	0	6	24	0	6	24	1	0	1	1	2	15	0	0	0	0	25
13b	Stornoway	0	4	27	0	0	46.5	0	4	25	2	36.5	50	24	38	6	43	24, 28	30	16	*	2	28	0	1	29	0	4	26	0	0	0	0	0	30	0	0	0	0	29
15	Aberdeen ...	0	2	25	4	0	46.5	0	7	22	2	36.3	60	24	40	11	43	26	27	14	15	5	13	1	1	28	0	0	27	0	0	0	0	0	22	0	0	0	0	18
18	Aldergrove ...	0	1	24	6	0	*	0	7	21	3	*	53	24, 28	38	14	44	2, 24	26	14	18	12	15	1	8	23	0	6	22	0	0	0	0	0	25	0	0	0	0	28
19	Dublin ... (Phœnix Park)	0	0	22	9	0	49.3	0	7	22	2	34.9	59	25	43	11, 13	48	24	29	9, 28	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Birr Castle ...	0	0	20	11	0	50.2	0	12	16	3	36.7	55	24, 25	43	12, 13	46	24, 25	26	21, 29	18	0	24	0	0	30	0	0	30	0	0	0	0	0	31	0	0	0	0	31
20	Valentia ... (Cahirciveen)	0	0	19	12	0	50.7	0	0	18	13	41.6	57	31	47	17	48	25	33	27, 29	2	5	24	0	5	25	0	5	24	1	0	0	0	1	27	0	0	0	0	29

UPPER AIR TEMPERATURE.

Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	Duxford. Mean. °F.	Duxford. No. of Reports.	S. Farnborough. Mean. °F.	S. Farnborough. No. of Reports.	Bicester. Mean. °F.	Bicester. No. of Reports.
950	1730	36	37	38	41	14	37	11
850	4640	27	27	39	30	14	29	11
750	7860	19	18	39	19	12	19	11
650	11470	8	7	39	10	12	9	11
550	15570	-6	-6	33	-3	8	-5	3

UPPER WINDS.

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

Station. Height. Feet.	Lympne. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Plymouth (Mt. Batten). No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Holyhead. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Renfrew. No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	Station. Height. Feet.
		miles per hour.						miles per hour.						miles per hour.						miles per hour.					
2,000	48	11	22	13	2	-	53	7	33	13	-	-	58	7	35	16	-	-	65	7	35	18	5	-	2,000
5,000	22	4	8	8	2	-	21	5	11	5	-	-	32	4	20	8	-	-	28	1	15	11	1	-	5,000
10,000	3	2	1	-	-	-	5	2	1	2	-	-	10	2	6	1	1	-	7	-	7	-	-	-	10,000
15,000	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-	-	-	-	-	-	15,000

† The readings and averages used, are, except in the case of Phœnix Park, the maximum for the period 7 h.–18 h., and the minimum for the period 18 h.–7 h. The readings and averages for Phœnix Park are for daily periods ending 21 h.

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

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

SUNSHINE, RAINFALL, AND HUMIDITY MARCH, 1934.

District.	Stations.	SUNSHINE. Number of Days with Duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. Hrs.	Year.	Lowest. Hrs.	Year.	RAINFALL. ‡Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months. mm.	Difference from Average. mm.	Total for Month.‡ mm.	Difference from Average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
1	London ... (Kew Obsy.)	2	13	10	5	1	9·3	28	1698	+233	110	+7	1880	183	'07	59	{'88 '16	15	3	9	4	0	0	11	11	398	−208	54	+11	1871	100	'16	1	29	1	2
	Croydon ...	5	10	10	4	2	9·5	7	1688	+138	116	+1	1922	187	'33	82	'25	16	5	5	5	0	0	12	14	472	−207	63	+11	1921	79	'33	2	29	2	3
	Calshot** ... (Southampton)	5	9	6	9	2	10·9	31	1910	+129	127	−17	1881	214	'07	73	'88	14	4	8	5	0	0	11	19	472	−174	68	+25	1871	133	'97	5	25	0	1
	Lympne ...	5	8	9	8	1	9·8	28	1923	+147	122	−20	1921	201	{'29 '33	102	'22	17	3	6	5	0	0	11	17	534	−130	69	+15	1920	91	'27	4	29	0	1
2	Shoeburyness...	3	7	10	10	1	9·2	28	1819	+103	138	+5	1919	197	'33	93	'19	16	5	8	2	0	0	9	6	370	−110	39	+6	1920	52	'28	1	'29	1	0
	Gorleston ...	7	6	5	12	1	9·4	28	1757	+108	130	+7	1908	186	'33	68	'16	18	4	6	3	0	0	12	11	535	−67	37	−7	1871	95	'14	3	'29	0	0
	Cranwell ...	6	12	4	8	1	10·3	25	1580	+30	100	−14	1921	175	'33	83	{'22 '28	14	6	7	4	0	0	10	10	466	−124	52	+16	1917	69	'19	7	'31	2	2
3	Birmingham ... (Edgbaston)	7	10	6	4	4	10·2	25	1472	+174	109	+20	1887	212	'93	44	'00	9	8	13	1	0	0	8	14	527	−147	52	+3	1893	118	'03	4	'29	0	6
4	Ross-on-Wye ...	6	9	7	6	3	10·3	31	1646	+166	112	+4	1915	188	'29	62	'16	14	3	11	3	0	0	13	14	512	−206	55	+3	1859	137	'13	5	{'93 '29	1	1
5	Falmouth ... (Observatory)	2	17	7	1	4	11·0	27	1736	+11	113	−22	1881	209	'93	69	'86	12	5	6	7	1	0	19	17	822	−285	110	+22	1871	212	'14	14	'93	0	1
7	Holyhead ...	4	10	8	7	2	11·1	27	1614	+69	120	−3	1914	219	'29	75	'20	13	5	10	3	0	0	7	16	533	−355	49	−18	1871	180	'20	12	'26	0	1
8	Liverpool ... (Bidston)	5	12	8	3	3	10·4	27	1481	+25	95	−9	1908	180	'29	55	'16	11	10	9	1	0	0	6	15	420	−289	31	−17	1867	90	'20	7	{'29 '31	0	1
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13	6	7	5	0	0	12	12	621	0	67	+21	1915	72	'32	12	'25	0	0
11	Inchkeith** ...	7	10	4	7	3	10·5	28	1355	−73	113	−7	1923	167	'33	94	'23	15	6	7	2	1	0	18	11	472	−82	58	+22	1870	111	'09	8	'25	0	4
12	Renfrew ...	5	14	5	7	0	8·7	27	1236	+38	94	+1	1921	124	'33	51	'28	9	7	11	4	0	0	13	5	673	−252	65	−2	1921	143	'21	20	'29	1	7
	Eskdalemuir ...	5	13	7	5	1	9·9	21	1299	+95	86	−13	1910	185	'29	49	'28	6	16	15	8	1	0	18	12	1062	−367	113	−12	1910	225	'21	26	'24	0	17
13B	Stornoway ...	0	9	12	8	2	9·4	14	1287	+56	146	+41	1881	172	'11	59	'21	12	4	13	1	1	0	22	1	901	−365	77	−27	1870	205	'03	23	'80	1	8
15	Aberdeen ...	2	8	9	9	3	10·8	28	1406	+76	142	+35	1881	190	'94	45	'09	18	5	6	2	0	0	7	14	572	−176	28	−33	1871	125	'76	5	'29	0	3
18	Aldergrove ..	5	12	8	7	2	11·1	28	1154	*	109	*	1927	181	'29	57	'28	11	4	14	2	0	0	7	21	560	*	52	*	1926	79	'28	10	'29	0	7
19	Dublin ... (Phœnix Park)	6	6	6	6	3	10·3	28	1389	−66	-	-	1881	201	{'94 '29	70	'00	16	2	9	4	0	0	11	10	460	−248	59	+9	1877	100	'88	7	'29	0	3
	Birr Castle ...	6	9	7	6	3	10·5	27	1362	+51	118	+8	1881	192	'29	63	'00	9	9	8	4	1	0	16	16	630	−199	74	+13	1872	155	'03	12	'25	0	0
20	Valentia ... (Cahirciveen)	1	12	11	6	1	10·0	27	1409	+37	117	+2	1880	197	'29	70	'03	8	3	10	8	2	0	23	4	1117	−297	142	+27	1870	276	'84	25	'25	0	2

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	8	5	9	5	4	0	0
Ross-on-Wye ...	0	2	5	6	8	7	3	0	0
Falmouth (Obsy.)	1	4	11	11	4	0	0	0	0
Renfrew ...	0	3	4	13	8	2	1	0	0
Eskdalemuir ...	1	4	7	7	7	3	2	0	0
Aberdeen ...	0	1	7	8	11	4	0	0	0
Valentia ...	0	5	3	4	10	8	1	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)	3	28	0	0	0	0	0	0	0	0
Ross-on-Wye	0	31	0	0	0	0	0	0	0	0
Renfrew ...	2	29	0	0	0	0	0	0	0	0
Eskdalemuir	0	26	0	0	0	0	4	1	0	0
Aberdeen ...	8	23	0	0	0	0	0	0	0	0
Valentia ...	3	28	0	0	0	0	0	0	0	0

CODE for State of Ground.

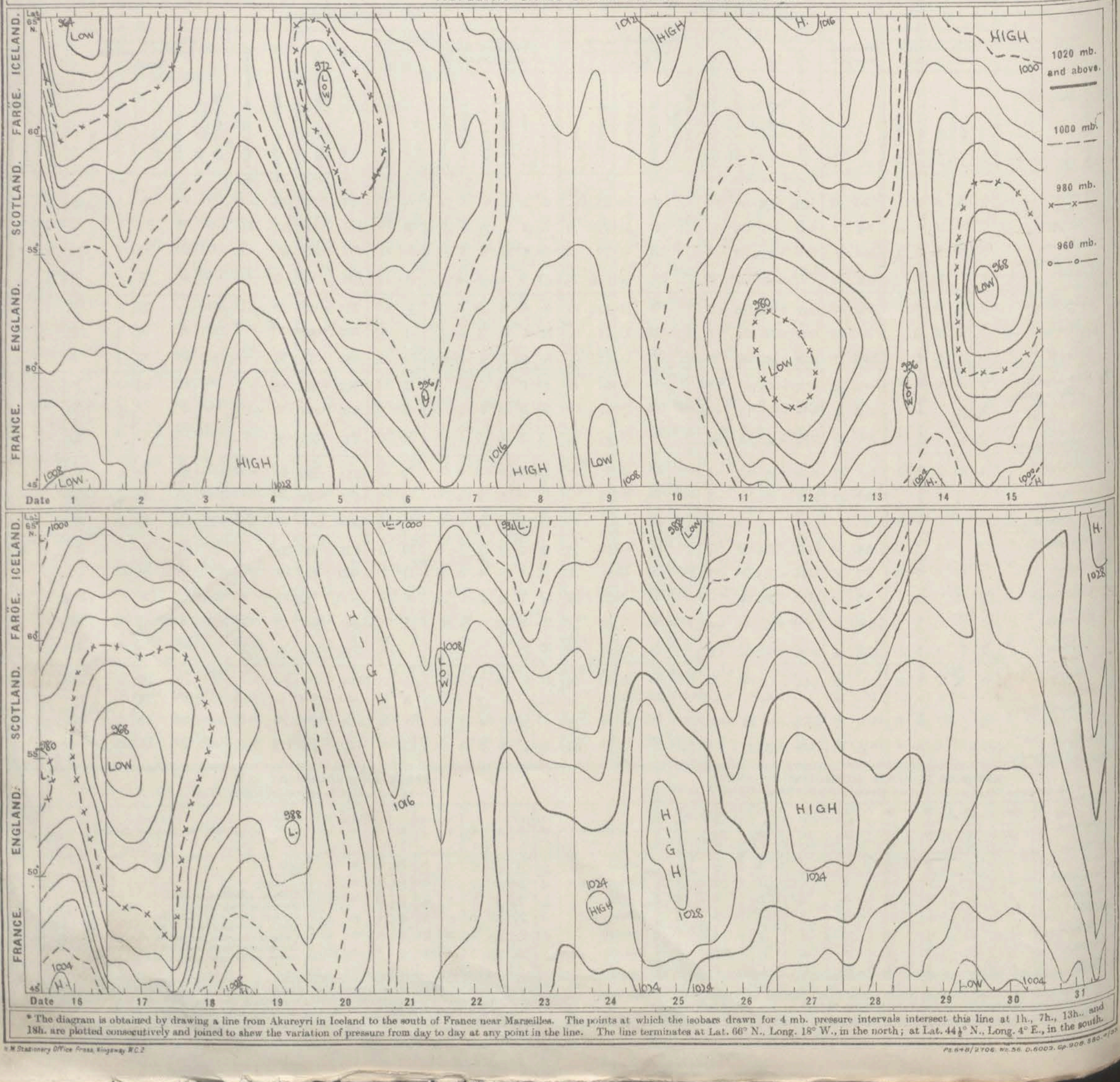
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow, greater than 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 MARCH, 1934.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



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

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

Ps.648/2705. No. 56. D.6003. Gp. 908. 580.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 1st March 1934.

No. 26397

OBSERVATIONS at 13h. G.M.T. 28th February

Division	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1006.0	+6	N'W	3	c	36	85	6	5	-	-	10	10	1500
	Croydon	1006.2	+6	NNW	3	c/rs	34	95	4	5	-	-	10	10	800
	S. Farnborough	1006.1	+4	NNW	3	us.	39	65	7	5	-	-	10	10	2500
	Boscombe Down	1007.2	+2	NNW	4	bc	42	46	8	-	4	-	0	2-3	-
	Calshot, S'thmtn	1006.4	-2	NNW	6	bc	43	55	7	1	7	-	2-3	2-3	4000
	Dungeness	*	*	W	2	c	*	*	6	8	7	*	7-8	9	1500
	Lympne	1005.1	+4	NW	3	c/s	35	85	6	5	2	-	9+	10	800
2	Shoeburyness	1005.3	+10	NW	3	c	37	85	7	5	-	-	9+	9+	1500
	Felixstowe	1004.7	+6	NW	3	bc	39	75	7	3	4	-	2-3	2-3	2500
	Gorleston	1004.1	+8	NEN	2	bc	39	75	7	8	-	-	4-6	4-6	1500
	Cranwell	1006.4	+8	NWN	4	po	35	85	6	5	-	-	10	10	450
3	Birmingham	1007.2	+4	NNW	4	m	41	45	4	1	-	-	2-3	2-3	2500
	Upper Heyford	1006.8	+2	NNW	4	3o	40	65	6	5	-	-	9	9	2500
4	Ross-on-Wye	1008.1	+4	NWN	3	bc	42	55	8	7	-	-	2-3	2-3	4000
5	Portland Bill	1007.6	+2	NW	3	c	44	65	8	4	4	-	4-6	7-8	2500
	Plymouth	1009.7	+2	NW	4	c	41	75	8	8	-	-	9	9	2500
	The Lizard	1010.8	0	N'W	3	c	41	65	8	8	6	-	7-8	9	2500
	Scilly (St. Mary's)	1011.8	+4	N	4	c	43	55	8	8	-	-	7-8	7-8	2500
	Guernsey	1009.0	+6	NNW	3	bc	41	65	8	8	-	-	4-6	4-6	2500
6	Pembroke	1010.3	-2	NW	3	bc	42	65	7	5	-	-	4-6	4-6	2500
7	Holyhead	1008.8	0	N	4	bc	41	55	8	4	-	-	4-6	4-6	4000
	Chester (Sealand)	1008.6	+2	NW	4	bc	41	55	8	4	-	-	4-6	4-6	4000
8	L'pool (Bidston)	1008.5	0	N'W	3	b	39	55	8	1	-	-	Tr.	Tr.	4000
	Manchester	1007.7	-2	NW	3	bc	41	45	7	7	-	-	4-6	4-6	4000
9	Harrogate	1007.0	0	N	3	c	40	65	8	8	-	-	9	9	2500
10	Spurn Head	1004.9	+2	NWW	5	c	36	95	6	3	2	-	4-6	9+	2500
	Catterick	1007.6	+2	NWN	4	c	40	65	7	8	3	-	4-6	7-8	4000
	Tynemouth	1006.2	+4	NNW	3	bc	39	65	7	2	-	-	4-6	4-6	2500
11	Inchkeith	1008.6	-2	NW	2	c	41	75	8	4	-	-	9+	9+	4000
12	Leuchars	1006.6	+2	NNW	2	bc	44	55	9	7	-	3	4-6	4-6	4000
	Renfrew (Abbotts'l)	1008.6	-6	NWW	2	bc	43	45	8	7	-	-	4-6	4-6	4000
	Eskdalemuir	1007.2	-2	N'W	3	bc	41	45	7	1	-	-	2-3	2-3	4000
13a	Tiree	1009.3	-6	N	2	c	42	85	9	8	3	-	2-3	9	2500
13b	Stornoway	1009.2	-6	NNW	3	c	40	65	9	8	6	-	7-8	9+	1500
15	Dalwhinnie	1008.9	0	N	1	c	35	95	8	4	1	-	4-6	10	2500
	Aberdeen	1006.8	+10	NNW	4	rs	38	95	6	6	-	-	9+	9+	800
	Wick	1006.8	+2	NW	4	c	40	95	8	8	8	-	4-6	7-8	1500
16	Lerwick	1005.5	0	N	2	bc	42	75	8	5	4	-	2-3	4-6	1500
17	Blacksod Point	1012.9	-2	-	0	bc	44	75	9	9	-	-	4-6	4-6	1500
18	Malin Head	1010.0	-6	NW	3	bc	43	95	9	8	8	-	2-3	4-6	1500
	Aldergrove	1010.1	-4	NNW	3	c/p	43	65	9	8	-	-	7-8	7-8	2500
	Donaghadee	1009.6	+2	NNE	2	bc	44	65	8	8	-	-	4-6	4-6	1500
19	Birr Castle	1012.4	-4	N	3	c	44	65	8	8	-	-	7-8	7-8	2500
20	Valentia Obsy.	1014.3	-2	NWN	3	c	46	65	9	5	-	-	7-8	7-8	2500
	Roches Point	1013.4	-6	NE	4	c	45	65	9	3	-	-	7-8	7-8	1500

OBSERVATIONS at 18h. G.M.T. 28th February

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1007.9	+10	N'W	3	r.r.	35	95	4	6	2	-	7-8	10	1500	1	*
1007.2	+12	NNW	3	rs	34	95	3	5	-	-	10	10	450	1	*
1007.5	+16	NE	1	m	34	95	4	8	-	-	7-8	7-8	4000	1	*
1007.7	+12	NWN	2	bc	38	55	7	7	3	-	2-3	2-3	4000	0	*
1007.5	+14	NNW	4	c	41	55	7	8	3	-	4-6	9+	4000	0	1
		N	2	c	*	*	6	8	-	*	7-8	7-8	1500	*	1
1006.7	+12	NNW	3	u	32	95	6	5	-	1	9	9+	1500	6	*
1006.8	+16	N	2	ps	35	95	8	9	-	-	10	10	1500	1	*
1006.3	+18	N	1	c/s	33	95	5	8	1	8	4-6	7-8	1500	6	1
1006.4	+14	NE	2	c	38	75	7	8	2	-	4-6	7-8	2500	1	2
1007.5	+12	NNW	3	c	34	85	6	5	-	-	?	7-8	2500	1	*
1008.6	+8	NW	3	3o	37	55	5	-	3	-	0	1	-	0	*
1008.5	+12	NNW	2	3o	37	65	6	5	1	-	4-6	7-8	2500	1	*
1008.7	+4	N	2	bc	37	65	8	7	-	-	4-6	4-6	4000	1	*
1008.8	+8	NW	4	c/pr	40	75	8	4	4	-	4-6	7-8	2500	1	3
1010.0	+6	NW	4	c/ph(r)	40	65	6	8	-	-	9+	9+	2500	0	2
1011.0	+2	N'W	3	c	39	65	8	4	7	-	4-6	9+	2500	0	2
1011.3	+4	N	5	c	41	55	8	8	6	-	7-8	7-8	2500	1	3
1009.3	+4	WNW	1	bc	40	85	7	7	-	-	4-6	4-6	4000	0	3
1009.2	-4	NNW	3	c	40	65	7	8	7	-	7-8	9+	2500	1	2
1009.3	+4	NNW	3	bc	40	75	8	4	-	-	2-3	2-3	4000	0	1
1009.4	+10	NWW	3	bc	36	75	6	4	-	-	2-3	2-3	4000	0	*
1009.6	+2	NW	3	b	37	75	9	1	-	-	1	1	4000	0	*
1008.6	+8	NNW	3	bc	34	65	6	4	-	-	2-3	2-3	4000	0	*
1008.1	+6	W	1	b	35	75	7	-	4	-	0	Tr.	-	1	*
1006.4	+6	NW	4	c/rs	38	95	7	3	7	-	4-6	7-8	4000	1	3
1008.0	+10	WNW	1	b	37	65	7	4	-	-	1	1	4000	1	*
1006.6	+4	NNW	2	bc	40	65	6	2	-	-	4-6	4-6	2500	1	2
1008.0	0	NW	2	c	42	75	7	5	-	-	9	9	2500	0	1
1007.3	+10	NW	1	bc	37	65	8	4	-	-	2-3	2-3	4000	0	*
1008.4	+6	W	2	bc	35	75	7	1	-	5	2-3	4-6	4000	1	*
1008.5	+8	N'W	2	b	33	65	6	-	-	-	0	0	-	4	*
1009.0	-2	NNW	1	ir.	41	75	9	8	5	-	7-8	9+	2500	1	1
1008.4	-2	W	2	c	38	85	8	8	6	-	4-6	7-8	1500	6	1
1008.6	+2	N	1	c	32	95	8	4	4	-	4-6	10	2500	6	*
1007.5	+10	NWW	3	bc	35	95	7	8	-	3	2-3	2-3	1500	6	2
1006.7	0	NNW	3	c	39	95	6	8	3	8	4-6	7-8	1500	1	2
1006.2	+6	WN	1	bc	37	85	8	5	-	-	2-3	2-3	1500	1	*
1010.6	-16	-	0	c	44	85	8	9	-	-	7-8	7-8	1600	1	1
1009.3	-2	W	1	c	41	95	9	8	8	-	7-8	7-8	1500	0	0
1010.4	+4	NWW	2	b	36	85	8	8	-	-	1	1	2500	1	*
1009.6	0	NNE	2	bc	41	65	8	8	3	-	2-3	4-6	1500	0	2
1011.9	-4	-	0	c	41	85	8	5	-	-	9+	9+	2500	0	*
1013.6	-6	NW	2	c	45	75	8	5	-	1	9	9+	1500	1	2
1012.7	-4	NE	3	c	45	65	9	3	-	-	7-8	7-8	1500	0	3

PAST 24 HOURS. WEATHER.

7h.–13h. 28th (37)	13h.–18h. 28th (38)	18h. 28th to 1h. 1st (39)	1h.–7h. 1st (40)
oss mcm	or s d acc m	cd.	ps bm x
o f f r s s s f s	o m r s s f r s f	o r s f s o w r s	o m r s c m s
cm, c i s.	c i s c	c b c x c m	c b c m x
c b c	b c y	b c y b	b c b x m.
c m c f p m b c	b c y c y	b c b x b c m.	b x m.
o	p		o
7-8 7-8 1500			
c s b c m c m	c s b c c m.	p s c m. F	o m i f
c s.	c p s	c p s b x	o f f
o s s m s s m.	b c c s s f s m	c s s m c m	c m, F F e x
c p s. b c	b c c	c p s h. c	c b c o f x
p s c p s.	o p r s b c	c p r s.	b c m x c
b b c	b c b	b	b b c x
c b c c s.	c b c m m	b c	b c c x
b b c	b c y c b c	c b	b x b c x
c	c p r.	b c b	b c
b c b z. c	b c c p h.	c 3 r. r. b	b z. o c
c p s. c	c	c p r. b c	b c c
c b c y	c y	c	c
c b c c	b c (u)	b c c b c	b c
c b c	b c c b c c	c p r b c	b c c
p h. b c y v	b c b y	b w b c w	b c m. c
b b c y	b c y	b x m.	b b c x m. (r)
b y	b v y	b v b	b x c
b c b c y	b c y	b x m.	b m. f x
b b c c	c b	b	b b c
s s p s c	p s r	c p r c z	p r 3
b b c	b c b	b x	b x b c x m.
b c p s. b c	b c	b c	b c m
b c c	c	c b c 3.	3. c
b b c v y	b c v y b c	b c b m. x	b c c m x
b c b c	b c y	b c b x	b x c x m.
b b c y	b c y b s.	b m. x	b x c m.
c b c c	b c c	c b c (r)	c
c	c	c	c
c p s b b c c	c p s b c v c	c p r. c c p r o p r o r r	
c v	c p c y	c v c	c o i r.

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.
p, 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/c, 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.
b(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. ⁵⁄₉ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

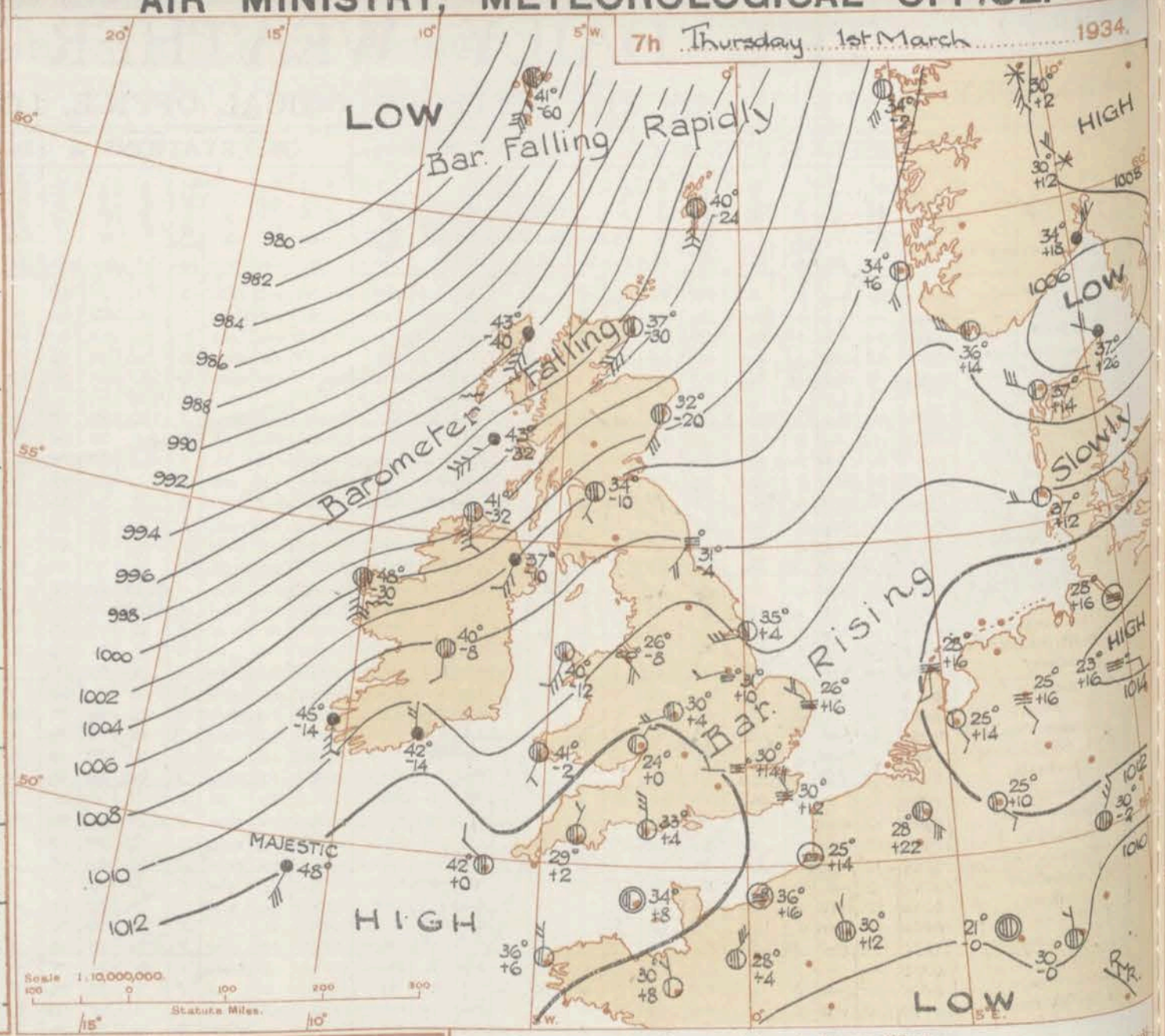
REPORTS from HEALTH RESORTS for 28th February 1934.

Districts	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 27th to 9h. 28th	Temperature. Max. 9h.—17h. 28th	Rainfall. Night. 17h. 27th to 9h. 28th	Rainfall. Day. 9h.—17h. 28th	Sunshine. Sunrise to 17h. 28th	Sunrise to Sunset. 27th
1	Tunbridge W.	o	om	30	37	-	-	0·0	4·5
	Bournemouth	ob	bbc	32	48	-	-	6·3	5·5
	Ventnor ...	xcb	bcu	33	46	-	-	4·1	6·6
	Southsea ...	cbc	bcc	35	45	-	-	2·1	5·9
	Bognor Regis	osirs	bc	35	42	-	Trace	0·6	7·6
	Littlehampton	cbsc	crc	35	39	-	Trace	0·0	7·6
	Worthing ...	bso	oiso	36	40	Trace	1	0·0	8·0
	Brighton ...	bcsc	bc	34	39	-	0·6	0·4	7·7
	Eastbourne†	o	osro	32	38	-	Trace	0·0	5·2
	Hastings† ...	o	c	30	38	-	-	0·3	5·7
	Folkestone ...	of is	ocbc	31	39	1	1	1·1	8·0
	Dover... ...	obsr	bsrbc	33	39	1	0·2	2·1	8·1
	Deal	so	csc	31	39	1	0·3	1·0	8·2
	Ramsgate ...	rscbc	bcbsbc	32	39	1	0·2	1·8	8·5
	Margate ...	cbc	bccs	33	39	1	0·4	2·0	8·6
2	Southend ...	om	cms	32	39	0·4	Trace	0·3	4·6
	Maldon ...	oc	isc	33	39	0·3	0·3	0·5	5·3
	Clacton-on-Sea	cobsc	cbc	30	40	2	0·6	3·0	8·1
	Dovercourt ...	sbc	sbc	31	43	15	?	4·5	7·3
	Lowestoft ...	ishbc	scbc	30	40	0·5	1	4·7	7·0
	Skegness ...	bco	obc	31	37	4	-	2·3	1·1
	Mablethorpe	bc	bccr	31	39	4	Trace	3·0	2·4
	Cleethorpes ...	osm	c	32	38	13	1	1·3	2·4
3	Leamington S.	bc	bc	32	43	0·4	-	4·2	0·0
4	Cheltenham†	cbc	bcb	30	40	-	-	5·3	0·8
5	Bath	bcb	bbcc	35	46	-	-	5·3	3·6
	Weymouth ...	cb	bc	33	47	-	-	3·6	8·5
	Jersey ...	bc	cbc	34	45	Trace	-	4·7	0·1
	Torquay ...	bzbcc	bcy	32	46	-	-	6·1	8·8
	Penzance ...	bcc	bc	37	46	-	-	2·7	7·1
	St. Ives ...	c	c	37	41	Trace	-	0·9	3·8
	Bude	bcc	cbcc	324	42	-	-	2·0	9·0
	Ilfracombe ...	bbc	bcc	37	42	-	-	3·3	7·2
6	Aberystwyth	cbc	bcc	29	42	-	-	4·5	8·3
7	Llandudno ...	bc	bcbv	37	42	-	-	5·6	6·4
	Colwyn Bay...	pcbcc	bcb	36	40	-	-	4·6	4·6
	Rhyl	cbc	bcb	37	41	-	-	6·9	8·4
8	Wallasey ...	b	b	34	41	-	-	8·9	4·6
	Southport‖ ...	bbcc	ocb	32	42	-	-	7·4	8·1
	Blackpool ...	bcc	cbc	31	42	-	-	8·3	7·3
	Morecambe ...	bcc	cbc	30	43	-	-	6·0	7·4
9	Ilkley	b	cbc	29	41	1	-	4·3	5·3
10	Berwick-on-T.	bc	bcoc	34	43	2	-	4·0	0·3
11	Dunbar ...	bcwx	bc	29	43	-	-	1·6	0·5
12	Troon... ...	bcx bf	bbc	25	45	-	-	8·8	6·9
	Douglas ...	xbc	bc	31	43	-	-	9·4	9·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday 1st March 1934.



Districts	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st March, 1934
1. S.E. England 2. E. England... 3. E. Midlands	Light variable to moderate or fresh south or southwest wind; mainly cloudy or dull, perhaps sleet or rain later; local fog or mist; becoming milder slowly.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate or fresh south or southwest wind, strong locally; cloudy or dull, occasional rain perhaps preceded by snow or sleet locally; local mist; becoming milder.
13. {A. W Scotld. B. N.W. Scotland.	Fresh or strong south or southwest wind, perhaps a gale locally; cloudy, occasional rain; milder.
14. Mid-Scotland	As 4 - 12.
15. N.E. Scotland 16. Orkneys and Shetlands.	As 13.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh south or southwest wind, strong locally; cloudy, occasional rain, probably brighter tomorrow; milder.

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

GENERAL INFERENCE.

A deep depression centred near Iceland is moving east. Rain will spread eastwards from Ireland and West Scotland and conditions will become milder generally.

FURTHER OUTLOOK.

Milder in most districts but unsettled.

Time of issue of Gale Warnings.

South Cone at 0810 on 1st in districts 13A, 13B, 15 and 16.

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

Forecasts issued at 1000 G.M.T.

H.M. Stationery Office Press, Kingsway, W.C.2. No. 755/2705 4m 41 (6,500) No. 906 29/40 2/34

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

Morning of
THURSDAY,
1ST MARCH,
1934.

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, 1st March 1934.

No. 26397

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

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	1010·0	+3	WNW	1	r$	34	95	4	5	-	-	10	10	900
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1009·7	+6	N'W	3	m	31	95	4	5	-	-	10	10	450
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1009·3	+10	WNW	2	c	34	95	6	5	-	-	9+	9+	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	536	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1010·6	+12	NNW	3	b	35	85	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1012·1	+2	NNW	2	bc	37	85	8	4	-	-	4·6	4·6	2500
	Scilly (St. Mary's)	163	1012·4	0	N'W	3	c	43	65	8	8	-	-	9+	9+	2500
	Guernsey	175	1010·7	+4	N	1	bc	39	75	7	7	-	-	4·6	4·6	2500
6	Pembroke	142	1011·6	+4	NNW	2	bc	37	95	7	8	7	-	4·6	4·6	4000
7	Holyhead	26	1010·7	0	S	2	c	34	85	6	5	3	-	4·6	7·8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1008·7	+4	NW	2	3o	35	95	5	5	7	-	4·6	7·8	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1008·9	0	NW	3	bc	33	75	7	2	-	-	4·6	4·6	2500
11	Inchkeith	190	1008·6	-4	W	1	3o	33	85	5	5	5	-	4·6	4·6	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1003·4	-30	SSW	4	c	39	85	8	8	7	9	2·3	9+	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1005·7	-6	WSW	3	bc	31	95	8	5	1	-	4·6	4·6	2500
16	Lerwick	54	1005·1	-14	E	1	bc	37	85	8	7	3	-	2·3	4·6	1500
17	Blacksod Point	18	1009·9	-18	-	0	c	45	85	7	9	-	-	10	10	800
18	Malin Head	52	1007·1	-14	S	2	c	38	95	9	-	-	7	0	9+	-
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1012·3	-10	W	2	c	44	95	8	5	-	-	9+	9+	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1011·7	+10	W'N	1	m	32	85	4	5	-	-	2·3	2·3	1500	6	*
1011·8	+14	W	1	m	30	95	4	5	2	-	4·6	9	1500	5	*
1012·1	+12	NW'W	2	m	26	85	4	5	-	-	4·6	4·6	4000	4	*
1012·6	+10	WNW	1	3o	25	95	5	-	4	8	0	4·6	-	4	*
1012·0	+14	WNW	2	b	28	85	5	-	-	-	0	0	-	4	1
*	*	NW	2	c	*	*	5	5	-	*	9	9	1500	*	0
1011·7	+12	NNW	2	f	30	95	2	5	-	-	10	10	<150	7	*
1011·5	+10	NW	1	f	30	95	2	5	-	-	10	10	<150	5	*
1011·1	+14	NW'N	2	f	28	95	1	5	-	-	10	10	<150	5	1
1011·1	+16	WNW	2	cf	28	75	1	5	-	-	7·8	7·8	220	4	2
1010·9	+10	WSW	1	m	31	85	4	5	-	-	9+	9+	2500	4	*
1011·8	+4	WSW	2	c	30	75	5	-	-	6	0	7·8	-	4	*
1012·5	+10	-	0	c	27	95	6	5	3	6	1	9	4000	4	*
1012·3	0	NE	1	bc	24	95	6	-	7	2	0	4·6	-	4	*
1011·8	+4	N	3	bc	33	85	7	4	4	-	2·3	4·6	2500	0	2
1012·4	+2	NNE	1	3o	29	95	6	-	-	7	0	10	-	4	0
1012·1	+2	NNW	1	c	37	75	8	4	6	-	7·8	9	2500	1	2
1012·6	0	NW'N	1	c	42	75	8	2	7	-	1	9+	2500	1	1
1012·3	+8	-	0	bc	34	85	7	7	-	-	4·6	4·6	2500	5	2
1010·4	-2	SSW	1	c	41	85	7	5	7	-	4·6	9+	4000	1	1
1009·1	-12	S'W	4	c	40	85	8	5	7	8	Tr.	10	1500	0	1
1010·6	-8	S'E	2	3o	26	95	6	6	7	8	2·3	7·8	5700	4	*
1010·3	0	SW	3	c	33	75	7	5	-	-	9+	9+	1500	4	*
1010·4	-2	SE'S	1	bf	27	95	3	-	-	-	0	0	-	4	*
1010·2	0	SW	1	bc	30	85	7	-	-	8	0	4·6	-	4	*
1009·5	+4	WSW	3	3o	35	95	5	5	7	-	4·6	7·8	1500	1	2
1009·5	-6	S'E	1	bc	26	95	5	-	5	2	0	4·6	-	4	*
1008·0	-4	SW	2	m	31	85	4	5	-	-	4·6	4·6	800	4	2
1007·0	-10	SW	2	c	36	85	7	5	-	-	7·8	7·8	1500	0	1
1005·9	-10	SSW	2	c	32	85	6	5	3	7	2·3	9+	4000	0	*
1005·9	-10	SSW	1	3o	34	95	5	5	7	-	2·3	10	2500	4	*
1008·0	-16	-	0	c	23	95	6	5	-	-	10	10	4000	4	*
999·4	-32	SW	7	dr	43	95	6	6	-	-	10	10	1500	1	4
993·9	-40	SSW	6	id	43	95	6	5	2	-	9	10	1500	1	3
1003·2	-20	S	4	c	34	95	8	4	4	-	4·6	10	2500	6	*
1003·7	-20	SSW	3	c	32	75	7	3	3	9	1	7·8	2500	6	2
999·3	-30	SW	5	c	37	95	8	5	9	8	4·6	9	2500	1	3
999·8	-24	S	5	c/p$	40	75	7	8	1	-	7·8	9	1500	1	*
1002·9	-30	S	5	q	48	95	7	9	-	-	10	10	450	1	4
1001·2	-32	S	4	c	41	95	7	6	-	-	9+	9+	1500	0	1
1006·5	-10	SW	4	ir.	37	95	7	5	7	-	7·8	9+	2500	1	*
1006·6	-12	W	2	c	38	95	8	5	-	-	7·8	7·8	1500	0	1
1008·0	-8	S	1	o/r	40	95	7	6	-	-	10	10	2500	1	*
1009·0	-14	S'E	4	rr	45	95	6	6	-	-	10	10	450	1	3
1011·0	-14	N	2	ir.	42	95	7	6	-	-	10	10	1500	1	2

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 28th Hrs. (36)
37	31	24	4	0·1	0.0
36	30	26	3	2	0.0
35	26	20	Tr.	-	0.0
43	23	20	-	-	5.1
45	27	19	Tr.	-	2.6
39	27	*	Tr.	Tr.	*
37	28	26	1	0.6	1.2
39	27	21	0.2	Tr.	0.5
41	27	20	1	0.3	4.5
41	24	22	0.1	Tr.	4.8
37	29	26	0.1	Tr.	0.3
42	28	17	-	-	8.0
41	27	21	Tr.	-	*
44	23	15	-	-	6.1
45	28	*	Tr.	Tr.	*
43	29	21	Tr.	Tr.	5.2
48	35	*	0.2	0.1	*
43	40	*	-	-	3.3
44	33	24	-	-	4.4
43	35	*	0.1	2	2.2
42	34	28	Tr.	-	6.6
43	22	14	-	Tr.	9.2
40	33	30	-	-	9.9
42	23	17	-	-	5.3
40	29	23	-	-	4.8
38	33	*	1	0.6	1.2
41	25	20	-	-	7.5
41	31	28	Tr.	-	6.3
46	33	23	-	-	5.9
46	24	14	Tr.	-	8.8
44	25	19	-	-	7.6
43	16	12	-	-	*
43	31	23	[illegible]	Tr.	2.5
42	35	*	-	0.4	0.9
41	25	20	-	-	3.1
38	22	15	Tr.	-	4.0
39	[28]	21	7	-	*
41	28	*	0.6	-	5.5
43	35	*	-	Tr.	*
45	39	*	0.1	2	2.3
44	35	*	0.4	-	5.0
43	29	19	0.1	-	*
45	31	*	-	-	*
44	35	26	-	0.6	2.3
46	40	37	0.2	6	6.4
46	38	*	Tr.	1	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning.	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	oss m1cm	or sd scr m	ed ps bmx	37	31	24	4	0.1	0.0	*	*	4
Croydon	217	ofr s ssr$	om ss fr s	or s fsom$	36	30	26	3	2	0.0	*	*	4
Greenwich (Royal Observatory)	149	sc is m	cm c rs	cir s f	37	31	27	0·3	1	0.0	84	92	2
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	38	31	27	3		0 0	79	89	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	37	30	22	3	2	0.0	90	89	*
Camden Square	110	osc	cors	*	37	30	24	3	1	*	*	91	*
Kensington	80	os cop	cod cos	*	37	31	24	2	2	0.0	At 18h. 90		*
Hampstead Observatory	450	os	os	om x s	39	28	21	2	2	0.0	90	78	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
0.6	20h.28m	<0.3	23h.28m to 4h.1m

Kew Observatory.

Max.	Time.	Min.	Time.
0.4	16h.28m	0·2	10h.28m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 28th February: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 1st March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1007.0	-	0	m	36	1011·1	NNW	1	3o	30
Brussels	1006.4	SW	2	is.	32	1011.5	ESE	3	f	28
Berlin	1006·9	WSW	4	o	36	1014.6	NE'N	2	3o	36
Zürich	1008.6	NNE	1	o	34	1006·3	NNW	2	s s.	28
Rome	992.7	NE	4	c	48	988.9	E	3	rr	46

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
39	30	Tr.	Tr.
41	27	2	3
37	?	-	5
39	28	-	2
*	*	1	35

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6¼ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 2nd March 1934.

No. 26,398

Distance	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 1st March														OBSERVATIONS at 18h. G.M.T. 1st March														PAST 24 HOURS.			
		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)	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	Weather. 7h.–13h. 1st	Weather. 13h.–18h. 1st	Weather. 18h. 1st to 1h. 2nd	Weather. 1h.–7h. 2nd
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	1012.9	+4	ENE	2	m	41	75	4	5	-	-	7-8	7-8	2500	1013.3	+8	NE	1	bs	37	85	3	-	-	-	0	0	-	1	•	bcmxcc3	cbs	bmm$_o$x	bbcm$_o$x
	Croydon	1013.0	+2	S'E	2	m	37	85	4	5	3	-	7-8	9+	2500	1013.3	+6	S'E	2	m	37	85	4	-	3	1	0	1	-	1	•	cbmfcm	bc bm	bmbcm$_o$x	b-cm$_o$x[1]
	S. Farnborough	1012.8	+2	-	0	bc	43	55	6	7	-	2	4-6	4-6	4000	1013.0	-6	SSW	1	b	39	65	7	-	-	1	0	Tr.	-	0	•	bcmxbby	bcy by	bbcbx	bxbcx
	Boscombe Down	1012.5	-6	S	2	3$_o$	45	55	6	1	5	8	1	4-6	4000	1012.9	+6	S	3	bc	36	75	6	-	-	8	0	4-6	-	0	•	cmbc3$_o$	bc3$_o$y	bc3$_o$b	bbecm$_o$
	Calshot, S'thmtn	1013.1	-2	SSE	1	b	46	56	6	1	-	1	Tr.	Tr.	4000	1012.9	0	SW	3	bc	39	56	6	-	-	5	0	2-3	-	0	1	bcm$_o$bym	bc$_o$y	bc3$_o$bcx	bcxm$_o$
	Dungeness	*	*	SSW	1	bc	*	*	6	3	-	*	2-3	2-3	1500	*	*	SE	2	bc	*	*	6	4	8	*	2-3	4-6	1500	*	1	bc	bc	*	f
	Lympne	1012.4	+8	-	0	3$_o$	37	85	6	4	-	-	4-6	4-6	1500	1013.9	+6	ESE	1	3$_o$	34	85	5	-	-	-	0	0	-	1	•	bcf m$_o$	bcbm$_o$	bmm$_o$x f	bfx
2	Shoeburyness	1013.5	+8	S'E	2	b	40	75	6	1	-	-	1	1	2500	1013.7	+2	SE'E	2	bc	34	95	6	-	1	4	0	2-3	-	1	•	Fe Feb	bm$_o$	bm$_o$x	bm$_o$x
	Felixstowe	1013.2	+6	-	0	m	36	95	4	5	-	-	9	9	800	1014.0	+6	-	0	cf	32	95	2	5	-	-	9	9	4150	1	0	FFeac,cm	cm sfe	cffebx	bxbc3$_o$x
	Gorleston	1012.5	+6	SES	2	bc	39	75	6	3	-	-	4-6	4-6	2500	1013.3	+6	S'W	2	bc	39	85	6	4	-	-	2-3	2-3	2650	1	2	cf bc	bc	bcbc3$_o$x	bbccx
	Cranwell	1011.8	-2	SWS	2	3$_o$	43	65	6	2	4	6	Tr.	9	4000	1012.0	+4	SSE	2	c	34	75	7	-	7	7	0	9+	-	1	•	cm m$_o$	c3$_o$ bc	cbcm$_o$	bcm$_o$c
3	Birmingham	1012.2	-2	SW	3	c	41	45	6	-	7	6	0	9	-	1011.5	0	S	3	c	41	45	6	-	7	-	0	9+	-	0	•	bcc	c	c	c
4	Upper Heyford	1013.1	+2	S	1	c	43	55	7	5	-	7	Tr.	9+	2500	1012.7	+6	SSE	1	3$_o$	38	65	6	-	-	2	0	4-6	-	1	•	cm$_o$x	cbcy	bcc	cm$_o$
	Ross-on-Wye	1011.8	0	SWS	2	3$_o$	45	45	6	-	3	7	0	9	-	1011.7	0	SW	2	c	43	65	7	-	2	-	0	10	-	1	•	cmbcc5	bc4y6y	cbc	co
5	Portland Bill	1012.5	+8	NW	2	bc	46	65	7	4	-	1	2-3	4-6	2500	1012.7	0	WSW	3	bc	42	75	7	4	-	2	4-6	4-6	2500	0	2	bc	bc	bc	bx
	Plymouth	1012.7	-10	S	2	bc	45	65	6	-	3	8	0	4-6	-	1012.6	-2	S	3	c	43	75	8	5	-	-	9	9	4000	0	2	cabcf3$_o$	bc3$_o$c	c	od$_o$d$_o$fe
	The Lizard	1012.7	-4	S	3	c	49	75	8	8	7	-	4-6	9	2500	1012.4	0	SSW	3	c	45	85	8	8	6	-	7-8	10	2500	0	2	c	c	cfdo	omffdd
	Scilly (St. Mary's)	1012.6	-4	WSW	3	c	48	75	8	2	7	-	2-3	9	4000	1012.0	-6	SSW	4	id$_o$	44	95	5	5	-	-	10	10	1500	1	2	cfgc	od$_o$d$_o$	d$_o$d$_o$ff	id$_o$if
	Guernsey	1013.4	+2	-	0	bc	46	55	7	1	-	-	2-3	2-3	4000	1013.6	0	-	0	bc	41	75	7	-	1	1	0	4-6	-	0	1	bcb	bc	bc	bcc
6	Pembroke	1010.2	-4	SW	3	c	45	75	7	5	-	-	7-8	7-8	4000	1009.0	-6	SW	3	c/d	44	95	5	5	-	-	10	10	1500	1	2	c	cid$_o$m$_o$c	cfd$_o$f$_o$c	cFFd$_o$d$_o$fc
7	Holyhead	1007.7	-12	SSW	5	c/r	45	85	7	6	-	-	10	10	800	1007.7	0	SSW	4	ir$_o$	44	95	5	6	-	-	10	10	450	1	2	cifc	or$_o$r$_o$m$_o$o	or$_o$m$_o$o	r$_o$mo
	Chester (Sealand)	1010.4	-8	SSW	3	c	46	55	7	5	7	-	4-6	9	1500	1009.8	0	S	2	id$_o$	44	85	6	6	2	-	7-8	10	1500	1	•	m$_o$c	c	d$_o$m$_o$c	cr$_o$
8	L'pool (Bidston)	1009.9	-6	SSW	3	c	44	55	8	5	7	-	2-3	10	2500	1009.4	0	SW'S	2	id$_o$	43	75	7	5	2	-	9	10	1500	0	•	c	cid$_o$	c	ccpc
	Manchester	1010.6	-10	SW	3	c	41	65	7	5	7	-	2-3	9+	4000	1009.5	-2	SSW	3	3$_o$	43	65	5	5	2	-	7-8	10	2500	0	•	bcc f	cy 3$_o$	c3$_o$	cpr m$_o$
9	Harrogate	1009.8	0	SSW	3	c	41	55	6	5	-	-	9+	9+	4000	1009.1	0	S	3	c	40	65	5	5	7	7	4-6	9+	2500	1	•	bcc	c	c	c
10	Spurn Head	1011.1	+2	SSE	5	3$_o$	42	75	5	5	7	9	4-6	7-8	800	1010.7	0	SSE	3	c	39	85	6	5	2	8	4-6	7-8	1500	0	2	c3	3c	c3f	fm3
	Catterick	1008.7	+12	SSW	4	3$_o$	42	55	5	-	7	7	0	10	-	1007.9	-2	S'E	3	c/d	40	65	6	5	2	-	4-6	10	2500	0	•	bcxcy3$_o$	cy3$_o$	cm$_o$	cm$_o$
	Tynemouth	1008.0	-10	S	3	c	40	75	6	5	-	-	9+	9+	1500	1006.2	-6	S	3	c	43	65	6	4	-	-	7-8	7-8	4000	1	2	bcmc	cm$_o$	co	oc
11	Inchkeith	1003.0	-14	SSW	3	c	42	85	8	8	7	-	4-6	10	1500	1002.5	-4	SSW	5	ir$_o$	43	85	7	8	-	-	9	9	1500	1	3	c	ci r$_o$	ccd$_o$	cic$_o$r
12	Leuchars	1002.5	-22	SSW	4	c	42	75	7	5	2	-	2-3	9+	2500	1002.0	-2	SW	3	c/r	44	85	7	5	7	-	9	9+	1500	0	•	cm$_o$zcq	cq ir$_o$	bir$_o$cq	cqr$_o$rq
	Renfrew (Abbotts I.)	1002.7	-20	SWS	5	r$_o$r$_o$	42	95	5	6	2	-	7-8	10	800	1002.6	+4	SW	4	dd	44	95	5	6	-	-	10	10	450	1	•	cxcd$_o$r$_o$	cm$_o$r$_o$d$_o$	oidecr$_o$	or$_o$Rrr$_o$q
	Eskdalemuir	1005.0	-12	SSW	6	c	38	85	7	5	-	-	10	10	1500	1004.6	-8	SSW	4	dd	39	95	4	6	-	-	10	10	1150	1	•	cm$_o$c	DDdm	ddofe	fcorr
13A	Tiree	9991	+14	WN	4	ir$_o$	47	85	7	6	2	-	9	10	1500	1000.1	+6	W	5	ir	45	95	6	6	2	-	7-8	9+	800	1	4	crdr	ciRq	irrR	rriR
13B	Stornoway	9939	+8	SW	4	c	46	75	7	8	6	-	4-6	9	1500	995.1	+16	SW	4	bc/pr	42	85	8	8	7	9	2-3	4-6	2500	1	2	cpr	cbcprq	cr$_o$r$_o$	cr$_o$r$_o$pr
15	Dalwhinnie	1000.4	-16	S	3	r$_o$r$_o$	38	95	7	4	4	-	4-6	10	1500	1000.1	+2	S	3	c	40	95	7	3	4	-	4-6	10	1500	1	•	rs	ir		rr
	Aberdeen	1001.3	-14	SW	3	c	39	85	6	5	-	-	9+	9+	1500	1000.8	0	SSW	4	c	42	95	6	5	7	-	7-8	9+	1500	1	2	bcc3$_o$	c3$_o$	c3$_o$	c3$_o$ir$_o$
16	Wick	9954	-20	SSW	6	c/pr	42	95	8	8	1	8	4-6	7-8	1500	9962	+2	SSW	5	pr	43	95	8	8	6	-	4-6	7-8	1500	1	3	cpr	cpr	pr$_o$r$_o$	cr$_o$rr
	Lerwick	9936	-34	S	7	r$_o$r$_o$	41	75	6	6	2	-	4-6	10	800	992.3	+8	SW	6	ir	43	85	6	9	2	-	7-8	9+	800	1	•	cr$_o$r$_o$m$_o$	cr$_o$ir$_o$m$_o$	cirr	cerrm$_o$
17	Blacksod Point	1004.8	+6	W	3	id	49	85	7	5	-	-	10	10	450	1003.4	-2	SW	3	c	48	85	7	-	7	-	0	7-8	-	1	3	i D	ir$_o$	cdqc	id$_q$
18	Malin Head	1001.0	+12	SWW	3	o/pr	47	95	6	5	-	-	10	10	4150	1001.3	+4	SWW	3	c	46	95	7	8	-	-	9+	9+	1500	1	1	cpd3	ckd3	cpr$_o$	cir
	Aldergrove	1004.7	-2	SSW	4	d$_o$d$_o$	41	95	6	5	-	-	10	10	450	1004.8	+4	SSW	3	3$_o$	46	95	6	5	3	-	9	9+	2500	1		cr$_o$od$_o$dd	od$_o$d$_o$cm$_o$	cm$_o$	cirr$_o$
	Donaghadee	1004.5	-8	WSW	2	d$_o$d$_o$id$_o$	42	95	7	6	-	-	9+	9+	800	1004.6	+6	WSW	2	c	44	95	7	9	-	-	9	9	1500	1	1	cid$_o$	cid$_o$	c	cid$_o$q
19	Birr Castle	1006.6	-4	SW	2	o/r	47	95	7	6	-	-	10	10	1500	1006.8	+4	SW	1	bc	49	75	8	5	-	9	2-3	4-6	2500	1	•	oir	r$_o$cbc	bcc	cpr
20	Valentia Obsy.	1006.8	+2	W'S	3	o/p	51	85	7	5	-	-	10	10	800	1009.0	-2	WSW	1	c	51	85	8	5	4	-	7-8	9+	800	1	3	orr r$_o$o	oid$_o$cbcc	coir$_o$c	corrcbc
	Roches Point	1009.7	-8	SW	4	d$_o$d	45	95	6	5	-	-	10	10	800	1008.7	+4	NW	3	bc	50	85	8	5	-	-	4-6	4-6	2500	1	3	or$_o$dd	od bc	bccc	cpc

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.
p, thick fog, ,, less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

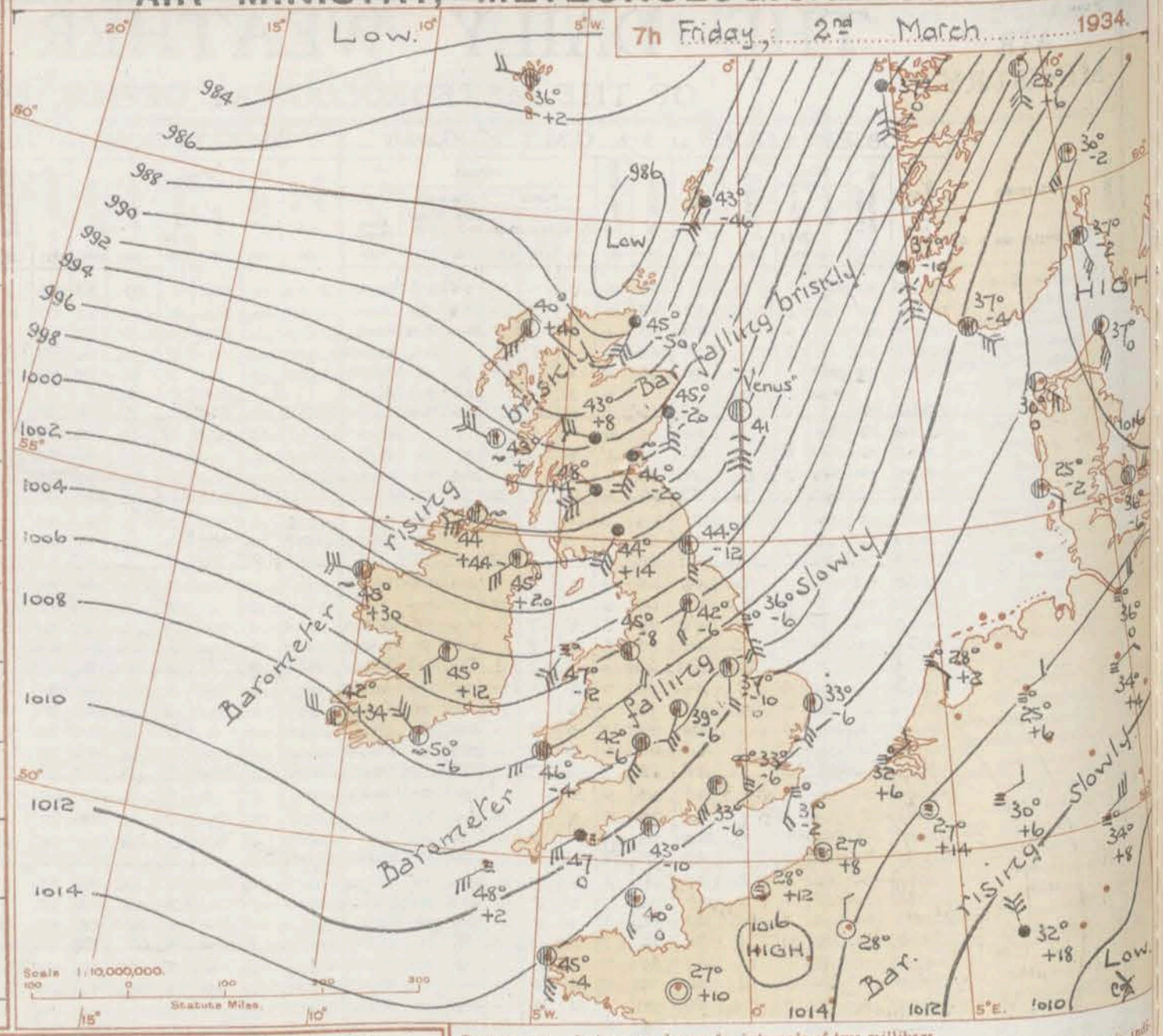
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 1st MARCH 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 28th to 9h. 1st	Temperature. Max. 9h.—17h. 1st	Rainfall. Night. 17h. 28th to 9h. 1st	Rainfall. Day. 9h.—17h. 1st	Sunshine. Sunrise to 17h. 1st	Sunshine. Sunrise to Sunset. 28th
1	Tunbridge W.	ocbc	bc	29	43	3	–	4.3	0.0
	Bournemouth	b	b	26	47	–	–	8.9	6.2
	Ventnor ...	x b3	b3	30	48	–	–	9.1	4.1
	Southsea ...	b	b	28	47	–	–	9.1	2.1
	Bognor Regis	cb	b	29	42	–	–	7.2	0.6
	Littlehampton	bc	bc	27	42	–	–	7.1	0.0
	Worthing ...	b bcb	bbc	29	42	–	–	7.3	0.0
	Brighton ...	cb	bc	30	41	–	–	6.5	0.4
	Eastbourne†	mocb	b	30	42	0.4	–	5.9	0.0
	Hastings† ...	cbc	bccb	30	39	4	–	5.6	0.3
	Folkestone ...	xb	b	31	42	0.3	–	6.3	1.1
	Dover... ...	mbcb	b	31	43	2	–	8.8	2.1
	Deal	sfcb	b	30	41	6	–	5.8	1.0
	Ramsgate ...	bbc	bcb	31	40	3	–	7.1	1.8
	Margate ...	bc	bc	31	38	1	–	6.0	2.0
2	Southend ...	ofm	bcb	30	43	2	–	5.0	2.3
	Maldon ...	ocb	b	31	43	2	–	3.9	0.5
	Clacton-on-Sea	cofxm	ocm	26	34	–	–	0.0	3.0
	Dovercourt ...	foc	bcfbm	27	39	trace	–	2.4	4.5
	Lowestoft ...	bz bc	b	25	41	–	–	7.6	4.7
	Skegness ...	bc bc	bc	33	44	1	–	4.9	2.3
	Mablethorpe	bcc	cbc	29	45	3	–	4.2	3.0
	Cleethorpes ...	oc	c	31	45	1	–	1.6	1.3
3	Leamington S.	cbc	bcc	25	45	–	–	2.2	4.2
4	Cheltenham†	cxmbc	bcm	24	44	–	–	2.4	5.3
5	Bath	mcbcb	bbcc	25	48	–	–	5.5	5.3
	Weymouth ...	b	b	27	48	–	–	9.1	3.6
	Jersey ...	b	b	33	47	–	–	9.0	4.7
	Torquay ...	bcm	bc	28	46	–	–	6.1	6.2
	Penzance ...	bcc	c	35	48	1	–	0.6	2.7
	St. Ives ...	c	c	37	48	–	–	0.8	0.9
	Bude	c	c	24	47	–	–	1.7	2.0
	Ilfracombe ...	cbc	bcc	30	48	–	–	1.5	3.3
6	Aberystwyth	c	cbm	27	48	–	0.3	0.0	5.1
7	Llandudno ...	c	cbc	29	46	–	trace	0.0	5.8
	Colwyn Bay...	coco	ccpo	31	45	–	0.3	0.1	4.6
	Rhyl	c	c	27	46	–	–	0.0	6.8
8	Wallasey ...	mbc	cp	32	46	–	trace	0.0	9.1
	Southport‖ ...	oco	o	31	45	–	–	0.1	7.4
	Blackpool ...	o	o	29	44	–	–	0.0	8.3
	Morecambe ...	c	cdo	25	44	–	trace	0.0	6.1
9	Ilkley	o	o	25	42	–	–	0.1	4.3
10	Berwick-on-T.	o	oc	28	43	–	–	0.0	4.0
11	Dunbar ...	cx	bc	30	46	–	–	0.2	1.6
12	Troon... ...	xbcc	drrc	31	46	–	2	0.0	9.3
	Douglas ...	xcbc	com	31	45	–	2	0.1	9.4

† 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 March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate south or southwest wind; cloudy, occasional rain tonight, probably bright periods tomorrow; local fog on South Coast; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate or fresh southwest or west wind; dull with drizzle or rain and local fog at first, showers and bright intervals later; moderate temperature.
9. N Midlands 10. N.E. England 11. S.E. Scotland	Moderate or fresh south or southwest wind, veering; cloudy, occasional rain at first, brighter later; moderate temperature, local ground frost at night.
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	Fresh westerly wind, strong at times locally; variable cloud, showers of rain, perhaps local hail; moderate or rather low day temperature, local ground frost at night.

H.M. Stationery Office Press, Kingsway, W.C.2. Fo 763/2702 1m 43 2.600/6a 908 22140 3/34

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

GENERAL INFERENCE.

A secondary trough of low pressure from northward of Scotland to the Bristol Channel is moving east. There will be showers in Scotland and Ireland.

Occasional rain or drizzle will spread slowly eastwards into Wales and England, but weather will continue dry during most of today in East and Southeast England.

FURTHER OUTLOOK.

Showery and somewhat colder in the Northwest: mainly fair in the Southeast.

Time of Issue of Gale Warnings.

▼ South cone at 0810 on 1st in Districts 15 & 16.

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
FRIDAY,
2nd MARCH,
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 2nd March 1934.

No. 26,398

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

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014·0	-2	S'W	3	3₀	31	95	6	-	4	2	0	4·6	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1015·5	+6	-	0	bf	30	95	3	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1014·4	+4	SSW	3	b	33	85	7	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1013·0	-6	SW	3	bc	42	85	8	4	-	-	2·3	2·3	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012·5	0	S	4	m	45	95	4	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	1012·0	+2	SW'W	2	f	48	95	2	5	-	-	10	10	<150
	Guernsey ...	175	1014·7	+6	-	0	bc	32	85	7	-	3	1	0	4·6	-
6	Pembroke ...	142	1009·4	-10	SW	4	f	46	95	1	5	-	-	10	10	<150
7	Holyhead ...	26	1006·3	-12	S'W	4	o	45	95	6	5	-	-	10	10	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1010·5	-2	SSE	5	cf	35	85	2	5	1	-	4·6	7·8	<150
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1005·9	-10	S	3	0	40	85	6	6	-	-	10	10	1500
11	Inchkeith ...	190	1002·0	-12	SSW	2	c	45	85	8	5	1	-	7·8	9+	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	997·7	-24	SSW	2	r₀r₀	43	95	6	6	2	-	9	10	800
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	996·8	-6	SSW	5	r₀r₀	43	95	8	6	2	-	4·6	10	1500
16	Lerwick ...	54	994·7	+12	SW	6	c	44	85	7	8	1	-	7·8	9	1500
17	Blacksod Point	18	998·3	-24	SW	7	q	52	85	7	9	-	1	7·8	7·8	450
18	Malin Head ...	52	995·1	-40	S	4	c	48	85	7	6	2	-	7·8	9+	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1004·8	-14	SW	5	c	51	95	7	8	-	-	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1013·1	-6	S	2	c	32	95	5	5	8	6	1	7·8	4000	4	*
1013·4	-6	S	3	3₀	33	95	6	-	3	-	0	7·8	-	4	*
1013·2	-6	SSW	3	c	33	95	6	-	1	8	0	9	-	4	*
1012·4	-4	S	3	c	35	95	6	5	-	-	9+	9+	2500	0	*
1013·4	0	S'E	2	c	38	95	6	-	4	2	0	7·8	-	4	1
*	*	-	0	bcF	*	*	1	-	8	*	0	2·3	-	*	0
1015·0	-2	SSW	2	fs	31	95	4	-	5	4	0	2·3	-	4	*
1013·6	-4	S'E	2	bc	29	95	6	5	3	-	1	2·3	4000	4	*
1013·6	-2	S	3	3₀	35	85	6	-	3	8	0	4·6	-	4	1
1012·9	-6	S'W	4	c	33	85	6	4	3	-	4·6	7·8	2500	4	2
1010·2	-10	S	2	c	37	85	6	5	7	8	2·3	7·8	4000	0	*
1009·5	-6	SSW	4	c	39	85	8	5	-	-	9+	9+	1500	0	*
1012·0	-10	SSW	2	3₀	34	95	6	5	-	-	10	10	800	1	*
1010·0	-6	SSW	3	o	42	95	7	5	-	-	10	10	1500	1	*
1012·2	-10	SW	4	c	43	95	8	5	-	-	7·8	7·8	2500	0	3
1011·6	-6	SSW	4	df	46	95	3	5	-	-	10	10	<150	1	3
1011·8	0	SW	3	df	47	95	2	5	-	-	10	10	460	1	2
1011·3	-2	SW'W	3	F	48	95	1	5	-	-	10	10	<150	1	2
1014·5	0	S'W	2	c	40	75	7	8	3	-	4·6	7·8	4000	0	3
1007·7	-4	SW	3	m/d	46	95	4	5	-	-	10	10	800	1	2
1003·8	-12	SSW	5	m	47	95	4	5	-	-	10	10	220	1	3
1006·7	-8	SE'S	2	c	45	85	8	5	1	-	7·8	9	1500	1	*
1005·7	-8	SW	4	c	46	85	8	5	-	-	9+	9+	1500	1	*
1006·9	-10	SSW	3	c	42	85	6	5	2	-	4·6	10	2500	0	*
1006·1	-6	SSW	2	c	42	85	6	5	-	8	9	9+	2500	1	*
1008·2	-6	SSE	5	3₀	36	95	5	5	7	-	7·8	9	450	0	3
1004·6	-8	SE	3	c	42	85	6	5	7	-	7·8	10	1500	0	*
1002·4	-12	S	3	c	44	85	6	5	-	-	7·8	7·8	1500	1	1
996·7	-16	SSW	6	r	47	85	7	6	-	-	10	10	1500	1	4
996·0	-20	SSW	5	r₀r₀	46	95	7	6	2	-	2·3	10	1500	1	*
996·6	-4	SW'S	6	rr	48	95	6	6	-	-	10	10	800	1	*
999·8	-14	SSW	6	rr	44	95	4	6	-	-	10	10	<150	1	*
995·1	+36	W'N	5	c/r	43	95	7	5	8	-	4·6	7·8	1500	1	4
990·3	+40	SW	4	c/pr	40	95	7	5	6	-	4·6	7·8	1500	2	2
993·7	-8	W	4	ir	43	95	8	4	4	-	7·8	10	2500	1	*
994·0	-20	S	5	ir₀	45	85	7	6	7	-	4·6	10	800	1	2
987·1	-50	SSW	6	rr	45	95	8	9	1	-	7·8	10	1500	1	3
988·1	-46	SSW	5	rr	43	85	5	6	-	-	10	10	450	2	*
1003·2	+30	W	5	q	45	75	7	9	-	-	7·8	7·8	450	1	4
997·7	+42	SW'W	4	c	44	95	7	6	-	-	7·8	7·8	1500	1	4
1000·8	+20	SW'W	3	c/r	45	95	8	6	7	9	7·8	9+	800	1	*
999·2	-6	SW	5	id₀	49	95	7	6	-	-	9+	9+	800	1	2
1004·6	+12	SW	2	c/pr	45	95	8	3	-	-	7·8	7·8	2500	1	*
1008·2	+34	WNW	4	bc	48	75	7	5	-	-	4·6	4·6	2500	1	3
1007·3	-6	NW	5	c/pr	50	95	8	6	-	-	7·8	7·8	1500	1	4

PAST 24 HOURS.

Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 1st Hrs. (36)
44	28	20	-	Tr.	4·5
41	31	28	-	Tr.	2·0
48	27	19	-	-	7·5
46	27	24	-	-	8·0
47	33	21	-	Tr.	8·9
43	26	Low	-	-	*
41	29	19	-	0·1	5·7
40	25	12	Tr.	-	5·3
36	24	17	Tr.	-	0·8
42	31	29	-	-	6·6
43	33	29	-	-	1·9
42	37	33	-	-	1·6
46	29	25	-	-	*
47	38	33	-	-	4·0
45	39	*	-	-	*
47	43	42	-	0·2	4·4
49	44	*	-	1	*
49	44	*	0·1	1	0·2
46	32	25	-	-	9·0
46	43	*	Tr.	3	0·0
46	44	44	1	1	0·0
47	42	40	Tr.	0·1	0·1
46	42	41	Tr.	Tr.	0·1
44	41	39	-	Tr.	0·3
42	39	33	-	-	0·1
43	35	*	-	-	1·3
42	38	37	Tr.	-	0·1
44	40	37	-	-	*
45	43	40	Tr.	0·2	0·0
44	42	40	Tr.	1	0·0
44	43	40	1	7	0·0
39	39	38	4	6	0·0
48	42	41	2	11	0·2
48	39	*	3	19	3·6
42	38	33	2	14	0·3
-	Tr.	-	-	-	0·1

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 3rd March 1934.

No. 26,399

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

Distance.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1012.7	-4	SW'S	3	c	47	75	6	5	-	-	10	10	1500
	Croydon	1013.2	-6	SSW	4	3o	47	75	6	5	2	-	7-8	9+	1500
	S. Farnborough	1012.7	-6	SW'S	4	r6	46	75	8	5	1	-	9	10	1500
	Boscombe Down	1012.1	-2	SSW	5	d,d,	42	95	6	5	-	-	10	10	220
	Calshot, S'thmtn	1013.5	-2	S'W	4	d,d,	43	95	5	6	-	-	10	10	450
	Dungeness	*	*	SW	3	bc	*	*	7	-	8	*	0	4-6	—
	Lympne	1014.4	-18	SSW	4	bc	46	65	7	1	-	9	Tr	4-6	1500
2	Shoeburyness	1012.8	-8	SSW	3	bc	48	65	7	-	3	6	0	4-6	-
	Felixstowe	1013.1	-10	S	4	bc	42	75	7	-	-	6	0	4-6	-
	Gorleston	1011.7	-10	S'E	5	bc	47	75	6	-	7	2	0	4-6	-
	Cranwell	1009.4	-2	S	4	3o	43	85	6	5	-	-	10	10	1500
3	Birmingham	1009.1	0	SSW	3	m	46	85	4	5	-	-	10	10	1500
	Upper Heyford	1011.2	-6	SSW	4	id,	42	95	6	5	-	-	10	10	450
4	Ross-on-Wye	1009.7	0	SW	3	c	49	85	6	5	1	-	9	10	2500
5	Portland Bill	1012.2	-6	SW	5	id,	44	95	7	5	-	-	10	10	1500
	Plymouth	1012.0	0	S SW	5	if	47	95	5	5	7	-	9	9+	<150
	The Lizard	1012.2	0	W'S	3	3o	50	95	6	5	-	-	10	10	2500
	Scilly (St. Mary's)	1012.4	+2	NW'N	4	d,d,	49	95	5	5	-	-	10	10	1500
	Guernsey	1014.8	-4	SSW	3	r6	44	95	5	6	-	-	10	10	1500
6	Pembroke	1008.5	+8	NW	2	bc	47	95	7	7	4	-	2-3	2-3	5700
7	Holyhead	1008.2	+20	W'N	4	b	50	65	8	4	-	-	1	1	4000
	Chester (Sealand)	1008.9	+20	W'N	3	r6	47	85	6	6	-	-	9	9	2500
8	L'pool (Bidston)	1009.8	+12	WNW	4	c/r	45	95	7	5	7	-	2-3	7-8	1500
	Manchester	1007.7	+10	NW	3	rr	45	95	6	6	-	-	10	10	800
9	Harrogate	1006.6	0	SW	3	ir6	48	85	7	3	7	-	1	9+	2500
10	Spurn Head	1007.7	-2	S'E	6	c	43	85	6	5	2	-	4-6	9+	1500
	Catterick	1005.6	+10	NW	2	c	54	65	8	9	7	-	4-6	7-8	2500
	Tynemouth	1004.4	+12	W	3	bc	51	65	7	2	-	-	4-6	4-6	2500
11	Inchkeith	1002.2	+30	SW	6	bc	47	65	8	8	-	-	4-6	4-6	2500
	Leuchars	1000.4	+24	WSW	5	bc	50	55	8	2	-	-	2-3	2-3	4000
12	Renfrew (Abbotsl)	1003.7	+30	WSW	6	pr6	41	85	8	8	-	-	9	9	1500
	Eskdalemuir	1003.4	+20	WSW	5	b	46	55	8	1	-	-	1	1	2500
13A	Tiree	1000.9	+26	WNW	6	bc	44	75	8	8	-	-	4-6	4-6	2500
13B	Stornoway	995.5	+20	SW	4	bc/pr	42	75	8	3	7	9	4-6	4-6	1500
15	Dalwhinnie	1000.5	+36	W	4	bc	42	95	8	4	1	-	2-3	4-6	2500
	Aberdeen	999.1	+36	WSW	4	bc	52	45	8	7	-	-	4-6	4-6	2500
	Wick	995.9	+28	W	4	c	44	95	8	8	7	-	4-6	7-8	1500
16	Lerwick	992.2	+76	WSW	4	c	43	75	8	8	3	-	4-6	7-8	1500
17	Blacksod Point	1007.1	+14	WNW	6	q	46	65	8	9	-	-	4-6	4-6	800
18	Malin Head	1003.0	+22	W	4	pr6	43	95	7	3	-	-	7-8	7-8	1500
	Aldergrove	1006.2	+18	WSW	5	c/p	47	65	8	8	-	-	7-8	7-8	1500
	Donaghadee	1006.2	+18	WNW	3	c	46	75	7	8	3	-	4-6	7-8	1500
19	Birr Castle	1009.8	+20	W	3	c	46	65	8	8	-	-	9	9	2500
20	Valentia Obsy.	1012.9	+18	W	5	bc	49	65	8	8	-	-	4-6	4-6	2500
	Roches Point	1012.0	+20	N	4	bc	49	55	9	8	-	-	4-6	4-6	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1012.7	0	SSW	2	rr	43	95	5	6	-	-	10	10	1500	1	*
1012.9	-2	S'W	4	d,d,	41	95	5	6	-	-	10	10	800	1	*
1012.6	+2	S'W	3	r,r,	42	95	5	5	-	-	10	10	450	1	*
1011.8	+4	SSW	2	rF	44	95	1	5	-	-	10	10	4150	1	*
1012.7	-2	SSW	4	dr	43	95	6	5	-	-	10	10	450	1	2
*	*	SW	3	c	*	*	7	4	-	*	9	9	2500	*	2
1014.0	+2	SW	3	3o	41	75	6	5	-	-	10	10	2500	1	*
1012.6	-2	SW	4	c	43	85	6	5	7	8	4-6	10	2500	1	*
1011.9	-2	SW	2	c	45	75	6	5	2	-	7-8	10	4000	1	2
1011.1	+2	SW'S	2	o/r	45	85	6	6	-	-	10	10	1500	1	2
1010.4	+12	SW	2	c/r	44	95	6	5	-	6	7-8	9+	1500	1	*
1011.2	+14	W	2	m	43	85	4	5	-	-	1	1	2500	1	*
1011.5	+6	SSW	2	dd,	42	95	4	5	-	-	10	10	450	1	*
1011.7	+14	W'N	2	b	47	65	8	4	-	-	1	1	4000	1	*
1011.9	-4	WSW	5	rr	45	95	5	5	-	-	10	10	800	1	4
1013.3	+14	NNW	4	bc/r	48	85	7	8	-	-	4-6	4-6	1500	1	2
1014.9	+20	NW	3	bc	45	85	8	7	-	-	2-3	2-3	4000	1	2
1015.6	+16	NW'N	3	b	48	85	7	5	4	-	Tr	1	4000	1	2
1014.3	+2	SW	3	id,	47	95	5	6	-	-	10	10	1500	1	3
1012.9	+16	WNW	3	c	45	95	7	4	4	-	4-6	7-8	4000	1	2
1010.3	+16	W'S	3	bc	45	75	7	4	-	-	4-6	4-6	4000	1	1
1011.0	+12	W'N	2	bc	46	65	7	5	-	-	2-3	2-3	5700	1	*
1010.6	+6	WNW	4	b	44	75	8	5	-	-	Tr	Tr	4000	0	*
1010.2	+16	WNW	3	b	42	85	7	5	-	-	Tr	Tr	2500	1	*
1009.1	+14	SW	3	b	43	75	7	5	-	-	Tr	Tr	4000	1	*
1009.1	+4	S'W	3	3o	42	95	5	5	7	-	7-8	9	800	1	2
1008.7	+22	WSW	2	bc	43	75	8	5	-	-	4-6	4-6	4000	0	*
1007.3	+20	W	2	bc	47	65	6	2	-	-	2-3	2-3	2500	1	1
1005.3	+26	SW	6	c	42	85	8	8	-	-	7-8	7-8	2500	0	3
1004.6	+22	WSW	3	bc/p	42	65	8	8	-	-	2-3	2-3	2500	1	*
1005.6	+14	WSW	4	b/pr	40	75	8	8	-	9	1	1	1500	1	*
1007.5	+20	SW'W	3	b	38	75	8	5	-	-	Tr	Tr	1500	1	*
1003.6	+20	W	3	bc/pr	39	85	7	8	7	-	4-6	4-6	1500	1	4
998.3	+12	SW	3	pr	38	85	8	8	7	-	4-6	7-8	1500	1	2
1003.4	+22	W	2	c	35	95	8	4	2	-	4-6	10	2500	1	*
1003.2	+26	SW'W	2	b	44	65	7	7	-	-	Tr	Tr	2500	1	2
999.3	+24	WSW	4	bc	40	95	8	8	8	-	2-3	4-6	2500	1	2
995.7	+26	WSW	5	c	41	75	8	8	4	-	4-6	7-8	1500	1	*
1007.6	0	SW	5	q	44	95	8	9	-	-	4-6	4-6	800	1	4
1005.4	+16	SW	3	bc	40	95	7	3	-	-	4-6	4-6	1500	1	2
1008.7	+14	W'S	3	c/p	40	75	8	8	-	9	7-8	9	1500	1	*
1007.9	+8	WNW	3	c	45	65	8	8	3	-	4-6	7-8	2500	0	2
1011.7	+14	W	2	pr	43	75	8	8	4	-	2-3	4-6	2500	1	*
1013.8	+4	WSW	4	b	45	65	8	5	-	-	1	1	2500	1	4
1013.5	+18	N	3	bc	47	65	9	5	-	-	4-6	4-6	2500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 2nd. (37)	Weather. 13h.–18h. 2nd. (38)	Weather. 18h. 2nd to 1h. 3rd. (39)	Weather. 1h.–7h. 3rd. (40)
em,3o	c3,or6	or,rem,	bm,x
bccm,	cm,r,d,	om,d,rr6	ofec-bm,
ccr6	cir,r,m,	mr,5r b	bcbx
cm,d,d,	FFrr	cr,r,bc	bcxm,
ccddm,	od,id,m,	or,cirrb6b	bxm,
bc	f		pr
bcm,bc	bccm,	cod,rr6	r,FeFe
bmbc	bccm,	crr	bm
bc 3o cb	bcc3o	orrm,cm,	cm,bm,
cbc	coir,	od,d,c	cbcx
cm,	coir,	cm,bmx	bmx
c	r,rbc	bmbc	bcpr,
d,d,	or,d,	od,bc	bcbx
oc	cop,cb	bcbbc	bcbw
oid,	oid,rrm,	bcc	c
ofd,ocif	cofdrdrbc	cir,bc	cprir,b
fcmo	omfdbc	bcb	b pr,bc
fd,d,	dcbcb	cbcb	p,qbc
bcdr,	oid,	odf bc	bcw
cmircbc	bcc	bcb	bbc
rrmqb	bbc	bcbbc	bcb
r,kq R	cbvbc	b	bbcpr
ccir	cbcb	bbcc	cp,bcq
cc,rrm,	crm,bc	bcx	bcxcpr
cir,	cb	b	bbcpsr
3c	cid	f3w	c3x
cm,d,bcv	bcvy	bcb	bcprb
cp,bc	bc	bc	bcoir,bc
rbc	bcc	cb	b ir,bc
r,r,bcq	bqcby	bbcbx	bbccx
rpr,bcq	cbRq	pr,qbbc	cpr,q
Rpr,by	pr,b	bbxbc	bcxcps
bcPHRq	bccPRq	bccPq	cph,
cirpr	bccphr	bccpRq	cpshq
ir	is	ss	
cir,bcqy	bcyb	bbc	bcc
crpr,	cbc	bc	bc
orrc	cphr	cbcPHR	bccPHR
phrcq	pr,cq	phrcq	phrcq
cphr,	cphr	crr	cpr
bccpr,q	bccpb	ccpr	c-bx
circ	cpr,c	bc	ir,bc
prc	cbcpr,	bccpr	bcbx
bccpr,cybc	bccyb	bccphrqc	cPRqbc
cpRbcvy	bcv	bcp,bc	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, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s,/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

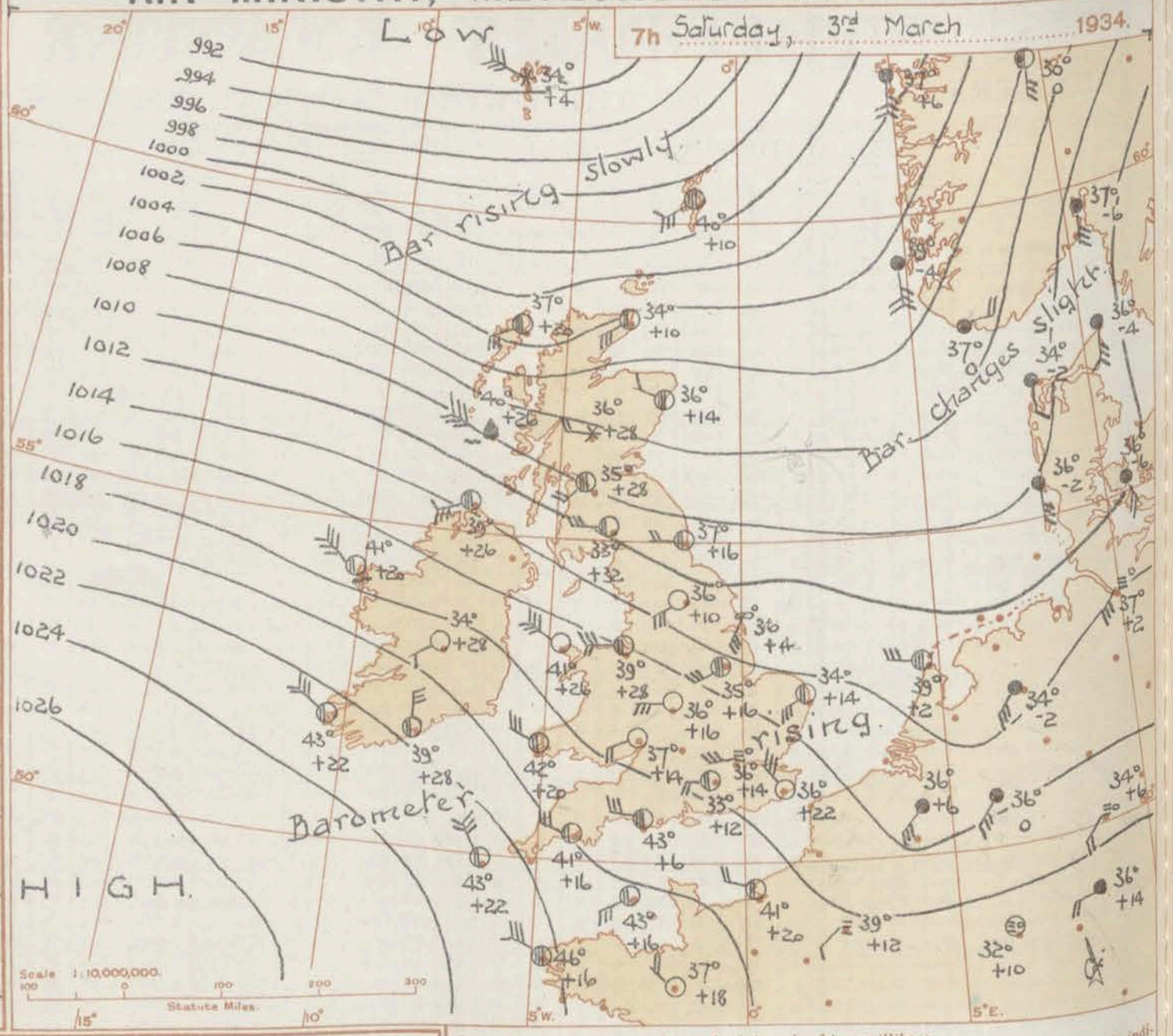
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 2ND March 1934.

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.	bbc	co	23	47	--	--	5·0	4·3
	Bournemouth	●	d	33	45	--	0·3	0·0	9·0
	Ventnor ...	bcop	opoum	35	48	--	0·3	1·2	9·1
	Southsea ...	o	or	30	47	0·2	--	0·0	9·1
	Bognor Regis	xbccc	orrr	30	44	--	2	1·7	7·2
	Littlehampton	bcc	coro	26	44	--	1	2·4	7·0
	Worthing ...	bbc	cod.	28	47	--	0·3	4·0	7·3
	Brighton ...	bcb	bcro	27	45	Trace	Trace	6·5	6·5
	Eastbourne†	bbcb	bbcc	26	48	Trace	--	7·3	5·9
	Hastings† ...	bbc	bcc	31	45	0·2	--	6·2	5·6
	Folkestone ...	gbm.	bbc	26	45	--	--	7·1	8·3
	Dover... ...	bcb	bbcc	27	44	--	--	7·8	8·8
	Deal	b	b	25	47	--	--	7·3	5·8
	Ramsgate ...	b	bbc	29	46	Trace	--	6·6	7·1
	Margate ...	bc	bc	29	50	Trace	--	6·5	6·0
2	Southend ...	bbbc	bcoc	30	49	Trace	--	4·6	5·0
	Maldon ...	zb	co	25	49	--	--	3·0	3·9
	Clacton-on-Sea	bcxbc	bcc	28	44	--	--	4·6	0·0
	Dovercourt ...	bc	bc	27	47	--	--	4·5	2·4
	Lowestoft ...	b	bbcbc	30	45	--	--	5·5	7·6
	Skegness ...	bbco	or	34	46	--	1	0·2	4·9
	Mablethorpe	bcoom.	om..	33	45	--	0·3	1·0	4·2
	Cleethorpes ...	co	or.	32	44	--	0·1	0·4	1·6
3	Leamington S.	o	or	36	46	--	2	0·0	2·2
4	Cheltenham†	omc	oirom	35	48	--	1	0·0	2·4
5	Bath	ce	cr.	30	49	--	Trace	0·0	5·5
	Weymouth ...	mid	cidr.	29	46	--	1	0·0	9·1
	Jersey ...	bcc	crc	38	46	--	0·4	2·6	9·3
	Torquay ...	odam	odopo	36	51	0·2	Trace	0·0	6·1
	Penzance ...	c	cdd bb	40	54	3	1	2·3	0·6
	St. Ives ...	p	p	41	53	2	2	2·1	0·8
	Buda	c	crbcb	32	51	Trace	1	2·3	1·7
	Ilfracombe ...	bcdc	cbcb	38	52	0·5	1	1·8	1·5
6	Aberystwyth	omr	bcc	40	48	1	0·5	3·8	0·0
7	Llandudno ...	rrbc	bbc	38	50	0·1	3	4·2	0·0
	Colwyn Bay...	crrbc	bccbc	40	52	0·3	4	3·7	0·1
	Rhyl	crrc	cbcb	37	50	--	3	3·5	0·1
8	Wallasey ...	cr	rcbcb	37	51	Trace	2	3·6	0·0
	Southport‖ ...	orbc	b	42	49	0·1	2	4·5	0·1
	Blackpool ...	orc	cbc	36	49	1	1	5·0	0·0
	Morecambe ...	rirch	bbcbc	34	47	4	3	5·5	0·0
9	Ilkley	cldc	bc	30	53	--	Trace	3·7	0·1
10	Berwick-on-T.	orcbc	b	37	51	0·5	0·1	5·9	0·0
11	Dunbar ...	bc	bc	37	50	0·5	--	6·0	0·2
12	Troon... ...	Rcbc	rrcbc	40	48	5	1	5·4	0·0
	Douglas ...	ccbbc	bccb	41	50	7	--	6·3	0·1

† 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. 3rd. March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light or moderate west or northwest wind; mainly fair, but a chance of local showers; moderate day temperature, night frost; perhaps local morning fog.
5. S.W. England 6. South Wales	Moderate west or northwest wind, fresh locally; local showers, bright periods; rather cold, except in afternoon; local night frost.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England	Moderate or fresh west or northwest wind; local showers, perhaps hail or sleet locally; bright intervals; rather cold, night frost.
11. S.E. Scotland	As 15.
12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland 14. Mid-Scotland	Moderate or fresh west or northwest wind, strong locally; variable cloud; showers of rain, hail or snow; rather cold, night frost.
15. N.E. Scotland	Moderate or fresh west or northwest wind; bright periods, local showers; moderate or rather low temperature, night frost.
16. Orkneys and Shetlands.	As 12 - 14.
17. N.W. Ireland 18. N.E. Ireland	As 7 - 10
19. S.E. Ireland 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 1/5 clouded. ◕ Sky 1/10 to 5/10 clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ▲ Hail. ≡ Fog. ≡° Mist. T Thunder. ⱦ Thunderstorm. ∞° Slight haze.
Sea Disturbance. ~ Rough. ≈ High.
Barometric Change from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high to southwest and low to north of the British Isles. In the Southeast and East weather will be mainly fair. In the West and North there will be bright intervals and showers, with occasional hail or snow locally in Scotland and North Ireland. Night frost will occur in many districts, and probably local morning fog in the Southeast.

FURTHER OUTLOOK.

Showers in the North, mainly fair in the South; night frost.

Forecasts issued at 1015 G.M.T.

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

H.M. Stationery Office Press, Kingsway W.C.2. Fo. 783/8700 m 45 D.880/6c 906. 23/40. 3/34.

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

Morning of
SATURDAY,
3RD MARCH,
1934.

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

Saturday 3rd March 1934.

No. 26,399

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	0-9 Visibility (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	1014.5	+10	NNW	2	5	41	95	3	-	-	-	10	10	<150
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1014.0	-2	NNW	1	c5	41	95	3	6	-	-	10	10	<150
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1011.8	+6	WSW	2	c	44	95	6	4	-	-	7.8	7.8	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1016.1	+16	NNW	3	c	43	95	7	4	4	-	4.6	7.8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1018.3	+12	W'N	3	b	45	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1018.9	+8	W'N	5	b	46	85	7	-	-	-	0	0	-
	Guernsey	175	1017.6	+24	NNW	3	bc	44	95	7	7	-	-	4.6	4.6	1500
6	Pembroke	142	1013.3	+8	W	3	b	45	85	7	4	-	-	1	1	5700
7	Holyhead	28	1012.1	+6	SW'W	4	bc	43	75	7	5	-	-	4.6	4.6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1011.6	+8	WSW	3	3o	37	95	5	5	-	-	4.6	4.6	220
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1009.5	+4	W	2	bc	38	85	6	5	-	1	2.3	4.6	1500
11	Inchkeith	190	1007.0	0	SW	4	b	39	85	8	-	-	-	0	0	-
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1000.1	+12	SW	4	c/pr	35	95	7	8	6	-	4.6	7.8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001.5	+6	SW	3	bc	38	95	8	8	1	-	4.6	4.6	1500
16	Lerwick	54	998.2	+6	SW	5	bc/pr	41	65	8	8	-	-	4.6	4.6	1500
17	Blacksod Point	18	1012.4	+18	W	5	9	40	65	7	5	-	-	4.6	4.6	450
18	Malin Head	52	1007.1	+22	W'S	4	c/pr	38	95	7	5	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1017.1	+14	NW	6	pr	40	95	8	8	-	-	4.6	4.6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	0-9 Visibility (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)
1017.8	+14	WSW	2	b	35	95	5	7	-	-	1	1	2500	4	*
1017.3	+14	W'S	3	3o	36	95	6	-	3	-	0	Tr.	-	1	*
1017.8	+12	W	2	fg	33	95	6	-	5	-	0	1	-	1	*
1018.0	+12	W'N	3	3o	35	95	6	5	3	-	4.6	4.6	2500	1	*
1018.3	+20	W'S	1	b	36	95	7	5	3	-	1	1	4000	1	0
*	*	NW	2	c	*	*	6	5	-	*	9	9	2500	*	2
1017.2	+22	NW	3	b/f	36	95	5	5	3	-	1	1	4000	1	*
1016.2	+20	W'S	3	m	37	95	4	-	-	-	0	0	-	1	*
1016.1	+18	W	2	3o	37	95	5	-	-	-	0	0	-	1	1
1014.8	+14	WSW	3	bc	34	95	6	5	-	-	4.6	4.6	2500	1	2
1015.2	+16	WSW	3	c	35	85	6	7	-	-	7.8	7.8	4000	4	*
1017.0	+16	W	3	b	36	95	7	5	-	-	1	1	2500	1	*
1017.6	+16	-	0	bc	30	95	6	5	-	-	2.3	2.3	2500	4	*
1017.5	+14	W'S	2	b	37	85	8	8	-	-	1	1	4000	1	*
1018.5	+6	W'N	3	c	43	95	8	5	4	-	4.6	7.8	2500	1	3
1019.8	+16	WNW	3	bc/r	41	95	8	5	-	-	2.3	2.3	1500	1	2
1022.2	+24	NW	3	bc	41	85	8	8	-	-	2.3	2.3	2500	1	2
1022.7	+22	NW'N	5	bc	43	65	8	8	-	-	2.3	2.3	2500	1	3
1020.4	+16	W'S	3	bc	43	95	7	7	-	-	2.3	2.3	4000	1	3
1019.4	+20	WNW	3	bc	42	75	7	4	3	-	2.3	4.6	4000	1	2
1016.3	+26	WNW	6	b	41	85	8	2	-	-	1	1	4000	1	2
1016.5	+28	W	5	bc	39	85	8	8	-	-	2.3	2.3	2500	1	*
1016.0	+24	WNW	6	bc	39	85	8	3	1	-	2.3	4.6	1500	1	*
1015.1	+24	WNW	3	bc	37	85	7	8	-	-	4.6	4.6	1500	1	*
1012.9	+10	WSW	3	bjp	36	85	9	3	4	-	Tr.	Tr.	2500	1	*
1013.3	+4	SSW	3	3o	36	95	5	5	7	-	2.3	7.8	800	1	2
1013.0	+20	WSW	3	bc	37	85	8	5	3	-	1	2.3	2500	1	*
1010.1	+16	W	2	bc	37	85	7	2	-	-	2.3	2.3	2500	1	1
1010.1	+28	SW	5	bc	37	95	8	8	-	-	4.6	4.6	2500	0	3
1008.8	+26	W	3	bc	34	85	9	8	-	3	2.3	2.3	4000	1	*
1011.2	+28	SW'S	2	c/pr	35	85	8	8	-	-	7.8	7.8	2500	1	*
1012.6	+32	W	3	bc/ps	33	85	8	8	-	3	2.3	2.3	1500	6	*
1009.1	+26	WNW	6	ph	40	75	9	3	6	3	9	9+	800	1	4
1003.4	+20	WSW	3	c/phc	37	75	7	8	6	-	4.6	7.8	1500	1	1
1009.0	+28	W	2	is	36	55	16	4	4	-	4.6	10	1500	8	*
1007.1	+14	WNW	1	c	36	75	7	-	7	-	0	7.8	-	1	1
1004.1	+10	SW	3	bc	34	95	8	5	-	-	2.3	2.3	2500	1	2
999.8	+10	SW	4	c/phr	40	75	7	9	1	-	7.8	9+	800	1	*
1017.2	+20	WNW	6	bc	41	85	8	9	-	-	4.6	4.6	800	1	4
1012.4	+26	W'S	4	c/p	39	95	7	3	1	-	4.6	10	800	1	2
1015.3	+30	SW	3	b	33	95	8	8	-	-	Tr.	Tr.	1500	1	*
1014.1	+18	W	1	bc	34	95	7	5	-	-	2.3	2.3	1500	1	0
1019.7	+28	SW	1	b	34	95	8	-	-	-	0	0	-	1	*
1022.9	+22	NW'W	5	bc	43	65	8	8	-	-	2.3	2.3	2500	1	3
1021.7	+28	N	3	bc	39	85	8	5	-	-	2.3	2.3	2500	1	2

PAST 24 HOURS.

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 2nd. Hrs. (36)
47	34	27	0.3	2	1.1
49	36	31	Tr.	4	3.1
46	30	21	0.2	2	0.1
44	32	27	1	0.3	0.0
44	34	24	0.4	3	0.0
46	35	*	-	3	*
46	36	34	-	3	6.2
49	34	29	-	3	4.3
45	35	33	-	3	4.7
48	34	32	Tr.	2	4.9
45	33	27	0.3	-	0.0
47	35	30	2	0.2	0.0
43	29	26	1	0.3	*
50	35	29	Tr.	-	0.7
46	40	*	1	1	*
49	35	31	1	1	0.3
50	41	*	0.3	0.1	*
47	43	36	1	3	0.2
49	41	*	2	0.2	5.1
51	41	39	2	-	4.3
52	33	21	2	0.1	2.8
(42)	38	36	1	0.1	3.3
51	31	23	2	1	2.7
52	36	29	Tr.	1	3.8
44	34	*	0.3	Tr.	0.5
54	34	26	Tr.	0.4	3.7
52	35	31	Tr.	0.2	*
48	36	33	0.5	0.1	6.5
51	32	24	1	-	6.8
49	34	30	1	2	6.1
47	27	23	11	2	6.1
46	36	33	1	1	6.1
42	33	*	2	1	2.7
43	29	26	1	1	6.3
47	35	30	Tr.	-	7.1
47	33	*	0.3	-	*
46	36	*	6	3	0.6
50	37	*	0.6	4	*
47	36	*	1	6	6.6
49	33	27	0.5	0.6	6.5
50	32	*	1	1	*
50	31	21	0.1	1	4.5
49	40	36	0.2	3	3.5
51	37	*	1	Tr.	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew	18	cm o3	c3 o r o	or rzbmx	47	34	27	0.3	2	1.1	*	*	c
Croydon	217	bcem o	cm r d o	od rfe-bm o	49	36	31	Tr.	4	3.1	*	*	
Greenwich (Royal Observatory)	149	c	cd o d o	rrcmbd	49	35	29	Tr.	3	3.2	80	86	3
City (Bushill Row)	—	*	*	*	*	*	*	*	*	0.4	*	*	*
Westminster (St. James' Park)	27	*	*	*	48	34	27	3		1.5	79	86	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	49	35	31	0.2	2	1.0	77	91	*
Camden Square	110											89	*
Kensington	80	c	cor	*	48	35	31	0.3	2	*	*	88	*
Hampstead Observatory	450	bccod o	co	*	48	35	27	0.2	2	1.5	At 18h. 93	88	*
		bcm	od	orfx	46	32	27	2	0.6	1.0	*	96	*

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

South Kensington. Max.	Time.	Min.	Time.
0.5	21h. 2nd.	<0.3	1-6h. 3rd.

Kew Observatory. Max.	Time.	Min.	Time.
0.4	9h. 2nd.	0.1	12h. 2nd.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 2nd. March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 3rd. March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1015.9	W	2	b3 o	43	1018.2	SW	1	f	39
Brussels	1014.7	-	0	b	36	1015.4	SW	3	r o r o	36
Berlin	1012.1	ENE	1	dd	39	1014.8	WSW	2	d o d o	37
Zürich	1014.6	SSE	1	o	36	1019.4	WNW	1	d o d o	34
Rome	1013.3	ENE	1	rr	43	1015.4	E	3	c	43

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
46	32	-	2
45	32	-	2
41	37	Tr.	0.3
36	32	0.3	1
*	*	12	15

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 4th March 1934.

No. 26,400

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

Distrct.	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)	1022.1	+2.0	NW	3	bc	47	45	7	7	–	–	4-6	4-6	1500
	Croydon	1021.5	+2.0	NW	4	bc	45	45	6	1	–	–	4-6	4-6	2500
	S. Farnborough	1022.4	+2.0	NW	4	b	48	45	9	1	–	–	Tr	Tr	2500
	Boscombe Down	1023.1	+2.2	NW	4	bc	46	55	8	1	–	–	4-6	4-6	2500
	Calshot, S'thmtn	1023.1	+2.4	NW	5	bc	46	55	8	1	–	–	2-3	2-3	4000
	Dungeness	*	*	NW	4	c	*	*	6	8	–	*	7-8	7-8	1500
	Lympne	1021.5	+2.6	NW	4	c	46	55	7	7	3	–	4-6	7-8	4000
2	Shoeburyness	1020.6	+2.0	NW	4	bc	48	55	8	4	–	–	4-6	4-6	4000
	Felixstowe	1020.4	+2.4	NW	4	bc	46	55	8	2	–	–	4-6	4-6	4000
	Gorleston	1018.5	+1.6	NW	5	bc	45	65	6	7	–	–	4-6	4-6	2500
	Cranwell	1019.7	+1.8	WNW	4	3o	45	55	6	1	–	–	2-3	2-3	2500
3	Birmingham	1022.0	+2.4	WNW	4	bc	45	45	6	1	–	–	4-6	4-6	2500
	Upper Heyford	1022.1	+1.8	WNW	6	q	46	55	8	4	–	–	4-6	4-6	2500
4	Ross-on-Wye	1023.1	+2.4	NW	4	bc	48	45	38	1	–	–	4-6	4-6	4000
5	Portland Bill	1023.9	+2.4	NNW	4	bc	46	75	8	4	–	–	2-3	2-3	2500
	Plymouth	1026.0	+2.4	NW	4	c	47	55	8	1	–	–	7-8	7-8	4000
	The Lizard	1027.5	+2.0	NW	4	bc	47	65	8	2	–	–	2-3	2-3	2500
	Scilly (St. Mary's)	1027.8	+2.0	NW	4	bc	49	65	8	1	–	–	2-3	2-3	4000
	Guernsey	1025.6	+2.6	NNW	5	bc	47	65	9	1	8	–	1	2-3	4000
6	Pembroke	1023.3	+1.2	W	2	b	46	75	7	1	–	–	Tr	Tr	4000
7	Holyhead	1021.9	+2.4	W	5	b	47	65	7	1	–	–	Tr	Tr	4000
	Chester (Sealand)	1022.6	+2.6	WNW	5	bc	45	55	8	1	–	–	4-6	4-6	2500
8	L'pool (Bidston)	1022.3	+2.4	NNW	5	b	43	75	8	1	–	–	1	1	4000
	Manchester	1021.1	+2.2	NW	5	bc	43	55	8	8	–	–	4-6	4-6	1500
9	Harrogate	1017.6	+3.0	WSW	5	q	44	55	9	2	–	–	Tr	Tr	4000
10	Spurn Head	1017.9	+1.2	W	6	bc	44	75	7	1	–	–	4-6	4-6	5700
	Catterick	1017.6	+2.6	W	5	bc	46	45	8	1	–	–	2-3	2-3	4000
	Tynemouth	1015.4	+2.0	W	5	bc	44	55	8	2	–	–	4-6	4-6	2500
11	Inchkeith	1014.4	+1.8	WSW	5	ps	40	85	7	9	–	–	9+	9+	1500
	Leuchars	1013.5	+2.2	W	5	bc|p	46	55	8	2	6	3	2-3	2-3	2300
12	Renfrew (Abbotts'l)	1015.1	+1.4	W'S	5	bc|pr	46	65	8	8	–	–	4-6	4-6	1500
	Eskdalemuir	1016.6	+2.0	W'S	5	c	41	65	9	8	–	–	7-8	7-8	2500
13A	Tiree	1013.3	+1.8	WNW	6	c	46	65	8	8	6	3	4-6	7-8	1500
13B	Stornoway	1007.0	+1.2	WSW	6	c|ph(r)	39	95	8	8	7	–	4-6	7-8	1500
15	Dalwhinnie	1012.1	+1.4	W	2	cS	35	95	6	4	–	–	10	10	1500
	Aberdeen	1010.3	+1.2	W'S	5	b	47	45	8	1	7	–	Tr	1	2500
	Wick	1006.4	+1.6	SW	4	bc	43	85	8	7	6	–	2-3	4-6	2500
16	Lerwick	1001.7	+1.2	WSW	5	ph(r)	40	85	7	9	–	–	9+	9+	1500
17	Blacksod Point	1021.1	+2.4	WNW	6	q	45	75	8	9	–	–	7-8	7-8	450
18	Malin Head	1016.2	+1.8	W'S	4	pr	43	85	7	3	–	–	9+	9+	800
	Aldergrove	1019.2	+1.0	SW	5	pr	43	75	8	8	–	–	9+	9+	1500
	Donaghadee	1018.8	+1.0	W	3	bc	45	65	8	8	3	–	2-3	4-6	2500
19	Birr Castle	1023.6	+1.8	W	3	bc	46	75	8	3	–	–	4-6	4-6	2500
20	Valentia Obsy.	1026.9	+1.2	W	4	bc|pr	47	75	8	7	–	–	4-6	4-6	1500
	Roches Point	1026.2	+1.2	NW	3	bc	46	65	9	3	–	–	4-6	4-6	1500

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1025.5	+2.8	NW'W	2	b	45	55	5	7	–	–	1	1	2500	1	*
1025.4	+2.4	WNW	3	3o	45	45	5	1	–	–	1	1	4000	1	*
1026.3	+2.6	NW	2	b	44	53	8	1	–	–	Tr	Tr	2500	1	*
1026.6	+2.0	WNW	3	b	42	65	8	–	–	–	0	0	–	0	*
1026.2	+2.0	W	3	b	44	45	7	–	–	–	0	0	–	0	1
*	*	NW	2	3o	*	*	5	5	–	*	9	9	1500	*	1
1025.3	+2.8	NW	2	3o	40	65	7	–	–	–	0	0	–	1	*
1024.7	+2.6	NW	3	bc	42	65	7	4	2	–	1	2-3	4000	0	*
1023.9	+2.4	WNW	2	b	44	55	7	–	–	–	0	0	–	0	1
1022.1	+1.6	W'N	2	3o	44	65	6	1	–	–	2-3	2-3	2500	0	2
1023.7	+2.6	W	2	3o	41	65	6	–	–	–	0	0	–	1	*
1025.0	+2.6	W	2	b	43	55	6	1	–	–	1	1	2500	1	*
1025.1	+2.2	WNW	4	b	42	65	8	5	–	–	Tr	Tr	4000	1	*
1026.0	+2.0	W	3	b	42	65	9	4	–	–	Tr	Tr	4000	1	*
1028.6	+2.0	NW	3	b	44	95	8	–	–	–	0	0	–	1	3
1028.8	+2.2	NW'W	4	bc	46	65	8	1	–	–	2-3	2-3	4000	1	3
1030.0	+2.0	WNW	3	bc	45	75	8	7	–	–	2-3	2-3	4000	0	2
1030.0	+1.2	NW'W	4	bc	46	75	8	2	–	–	2-3	2-3	2500	1	3
1028.4	+1.8	NW	3	b	45	75	7	–	–	–	0	0	–	1	3
1026.7	+1.0	W	3	bc	45	65	7	4	–	–	2-3	2-3	4000	1	2
1023.7	+1.0	SW'W	3	c	46	75	8	5	–	–	7-8	7-8	4000	1	*
1024.6	+1.8	WSW	2	bc	44	55	8	4	3	–	1	2-3	4000	1	*
1024.1	+1.0	WNW	4	b	43	65	8	7	–	–	Tr	Tr	4000	0	*
1023.8	+1.0	W'N	4	b	41	75	7	–	4	–	0	Tr	–	1	*
1021.8	+2.0	SW	3	b	46	75	8	2	–	–	Tr	Tr	4000	1	*
1021.6	+1.6	W	5	bc	42	75	6	–	2	–	0	2-3	–	0	4
1021.4	+2.8	SW	2	b	40	75	8	2	–	–	1	1	4000	0	*
1018.7	+2.0	W	3	bc	43	65	6	2	–	–	2-3	2-3	2500	1	2
1015.7	+0.6	SW	5	bc	41	85	7	8	–	–	4-6	4-6	2500	0	3
1015.4	+1.4	WSW	3	bc	40	85	8	8	–	–	2-3	2-3	2500	1	*
1017.7	+1.8	W	4	PH(R)	38	85	7	8	–	–	7-8	7-8	1500	1	*
1019.2	+1.8	WSW	5	bc|pr	39	95	8	8	–	–	4-6	4-6	2500	1	*
1015.7	+2.0	WNW	4	bc	42	85	7	8	8	–	4-6	4-6	1500	1	4
1016.8	+1.8	WSW	4	bc	40	85	8	8	7	–	2-3	4-6	1500	1	2
1014.8	+1.6	W	2	cS	34	95	6	4	–	–	10	10	1500	7	*
1013.2	+1.6	WSW	3	b	42	65	7	–	–	–	0	0	–	1	1
1008.8	+2.0	WSW	3	c	37	95	8	8	6	–	4-6	7-8	1500	1	2
1001.8	+2.2	WSW	5	c|phr	40	65	8	9	–	–	7-8	7-8	1500	2	*
1022.3	+1.8	WNW	5	bc	45	75	8	9	–	–	4-6	4-6	800	1	4
1018.0	+2.0	WSW	4	bc	43	85	7	8	4	–	2-3	2-3	1500	1	2
1021.2	+1.0	W'S	3	pr	42	85	8	8	–	–	9	9	1500	1	*
1021.0	+1.8	W	2	bc	44	75	8	8	–	–	4-6	4-6	1500	0	1
1025.1	+1.0	WSW	2	bc|pr	44	75	8	9	–	–	4-6	4-6	2500	1	*
1028.0	+1.8	W'S	4	bc	48	75	8	2	–	–	4-6	4-6	2500	1	3
1027.3	+1.0	NW	4	bc	47	75	9	3	–	–	4-6	4-6	1500	1	3

PAST 24 HOURS.

WEATHER.

7h.–13h. 3rd (37)	13h.–18h. 3rd (38)	18h. 3rd to 1h. 4th (39)	1h.–7h. 4th (40)
cm₀bcy	bcym₀	b3₀	b3₀ybcc
bccm₀	bc3₀ybcy	b33₀	b3₀m₀x
cbbcby	by	bybcx	cx
bbxm₀b	bcb	b	bbccm₀
bcbcy	byqvb		bbcx
bc	bc		bc
bm₀c3₀bc	bcby	bm₀	bm₀x
bm₀bc	bc	bc	bc
bm₀bc	bcb	b	b3₀x
bcq	bcq3₀	bc3₀b	bbcx
cbc3₀	b3₀8y	b3₀	b3₀cm₀
b	b	b	bx
bbcqy	bcbqy	bx	bofcx
bbc	bcvybxy	bv	bobc
cbc	bc	b	bbc
bbcy	cby	b	bbccm₀x
bc	bc	bc	bcw
bc	bc	bcbbc	bcc
cprbc	bcb	b	bbc
bcb	bbc	bcbbc	bcc
bbcb	bbc	bc	bcc
bpr₀bc	bcvby	bbc	pr₀bc
bcb	b	b	bcc
bcpqby	bcyb	bbx	bxc
bq	b	b	bbc
3bc	bc	bc	bcc
by	by	b	bbcc
bcq	bcq	bbc	bcc
bccpr3q	cpr3	bccpr	cpr3q
bxvbqy	bcyvjp	bbcbx	bxcid₀c
cpr₀q	bcPHRq	PRqbc	cr₀3₀rc
bcps bc	bcpr₀	bcpr cpr₀	cir₀
cbcPHqpr	cPRq	bcPHR	PHRq
cprsh	bcpr	bccpr3q	cpr₀c
ss	ss	*	isbc
cbcby	byb	b	bbcc
bc	bcprc	cprbc	pr₀bc
cPHR	cphrs	bcPH	bccphc
PRcq	PHRq	prchq	prc
cpr	cprbc	bccpr	cpr₀
bxcp₀	cp₀	cpbc	bcc
bc	bcprbc	bcc	c
bbc	bcpr₀	bcb	bxcpr
bcbbcprbc	bccp₀bc	bccphrc	cprc
bcv	bcp₀bcv	cvbw	bbccw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

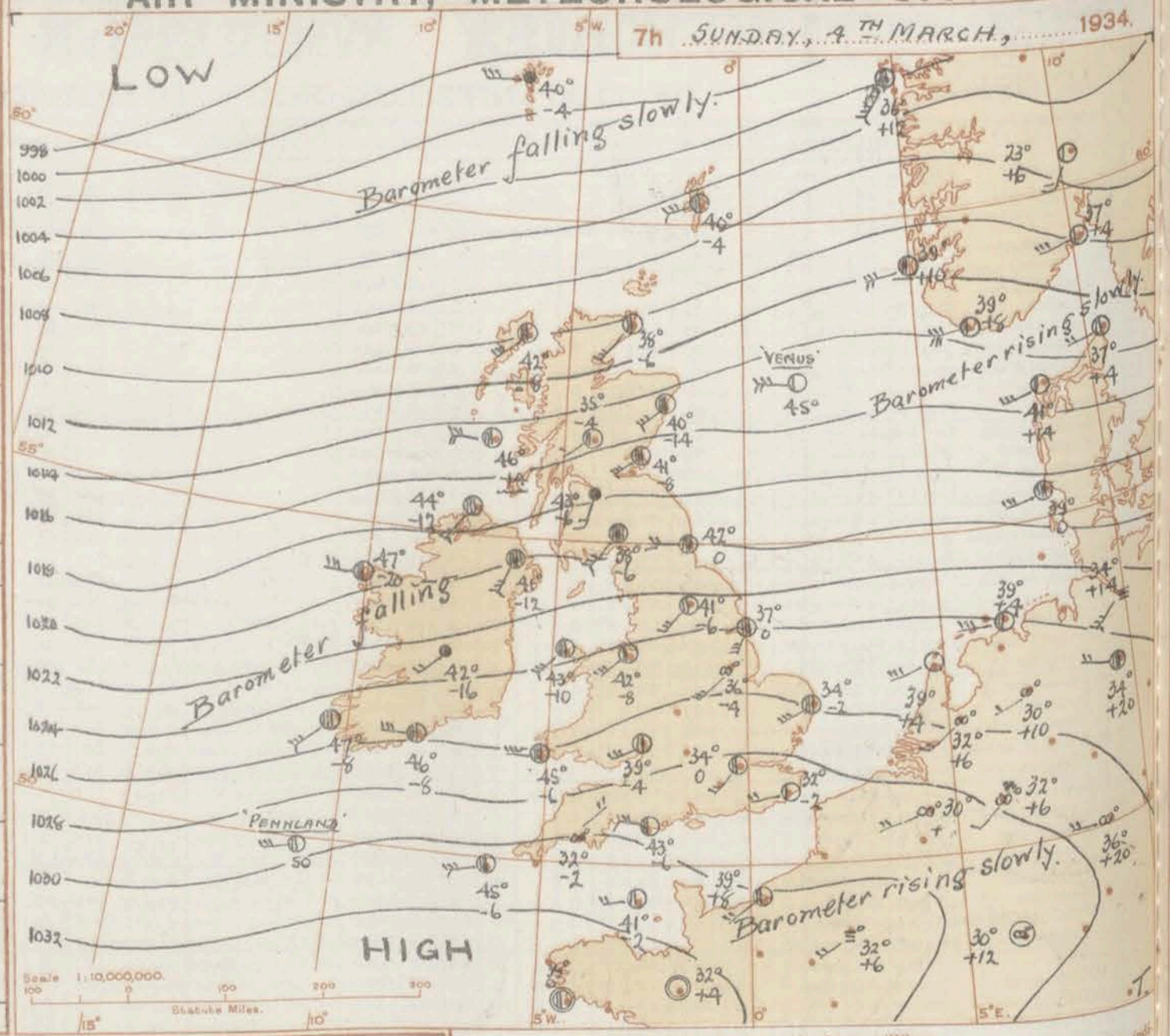
REPORTS from HEALTH RESORTS for 3rd MARCH 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 2nd to 9h. 3rd	Temperature. Max. 9h.—17h. 3rd	Rainfall. Night. 17h. 2nd to 9h. 3rd	Rainfall. Day. 9h.—17h. 3rd	Sunshine. Sunrise to 17h. 3rd	Sunshine. Sunrise to Sunset 2nd
1	Tunbridge W.	cbc	bcb	31	48	5	–	8.8	5.0
	Bournemouth	cb	b	34	50	2	–	7.8	0.0
	Ventnor ...	ormbc	bcb	39	50	3	–	8.2	1.2
	Southsea ...	cb	b	35	49	2	–	7.7	0.0
	Bognor Regis	cbcb	b	35	50	5	–	8.1	1.7
	Littlehampton	bc	bcb	34	52	5	–	8.4	2.4
	Worthing ...	cbcb	b	34	50	4	–	8.0	4.0
	Brighton ...	bc	b	37	50	4	–	8.2	1.35
	Eastbourne†	bbcobc	bcb	38	51	3	–	8.5	7.3
	Hastings† ...	bbcc	cbcb	36	48	3	–	8.2	6.2
	Folkestone ...	bc	bc	38	49	4	–	7.5	7.1
	Dover... ...	bcc	cby	36	50	3	–	8.6	7.8
	Deal	cbc	b	36	50	4	–	7.4	7.3
	Ramsgate ...	bbc	bcb	36	49	5	–	7.9	6.6
	Margate ...	bc	bc	36	44	2	–	8.7	6.5
2	Southend ...	bcm	bcb	36	49	2	–	7.9	4.6
	Maldon ...	b	b	37	48	3	–	8.2	3.0
	Clacton-on-Sea	cbcb	by	35	48	4	–	8.4	4.6
	Dovercourt ...	rbc	bc	35	48	2	–	8.6	4.5
	Lowestoft ...	bcb	b	31	48	0.4	–	7.7	0.2
	Skegness ...	bcbm	bm	32	47	Tr	–	7.7	1.0
	Mablethorpe	b	b	33	47	Tr	–	8.1	0.4
	Cleethorpes...			33	48	Tr	–	8.1	0.4
3	Leamington S.	bc	bc	29	48	0.2	–	8.8	0.0
4	Cheltenham†	bbc	bcb	32	47	–	–	8.7	0.0
5	Bath	bbcb	bbcb	34	50	Tr	–	9.0	0.0
	Weymouth ...	b	by	35	51	2	–	8.4	0.0
	Jersey ...	rcbc	bcb	41	50	2	–	9.0	2.6
	Torquay ...	b	by	36	50	–	–	9.5	0.0
	Penzance ...	b	b	41	51	1	–	9.3	2.8
	St. Ives ...	b	b	43	47	0.3	–	8.9	1.2
	Bude	cbc	bcb	42	47	–	–	9.0	2.2
	Ilfracombe ...	b	b	42	47	1	–	9.3	2.1
6	Aberystwyth	prbc	bbc	41	46	3	–	8.3	3.8
7	Llandudno ...	bcb	bbcb	39	47	0.1	–	7.5	4.2
	Colwyn Bay...	bcb	bcb	38	48	0.3	–	8.1	3.7
	Rhyl	bcb	b	37	47	Tr	–	8.5	3.5
8	Wallasey ...	bcb	b	39	47	1	–	8.5	3.8
	Southport‖ ...	bcb	bbc	39	46	2	–	8.8	4.5
	Blackpool ...	phc	cbc	40	47	1	–	9.0	5.0
	Morecambe ...	cbc	b	38	47	1	–	4.8	5.6
9	Ilkley	b	b	30	47	3	–	9.0	3.7
10	Berwick-on-T.	b	b	34	47	–	–	9.5	5.9
11	Dunbar ...	bc	bcr	35	46	–	Tr	8.1	6.0
12	Troon... ...	rcbc	rcbcb	38	45	1	Tr	6.2	5.5
	Douglas ...	bc	bccb	38	47	0.5	–	8.6	6.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SUNDAY, 4TH MARCH, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light to moderate west to southwest wind; mainly fair; moderate day temperature; local ground frost.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands 10. N.E England	Moderate southwest wind; mainly cloudy, occasional showers; moderate temperature.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate to fresh southwesterly wind; cloudy, occasional rain or showers; moderate temperature.
13. A. W. Scotld. B. N.W. Scotland	As 16.
14. Mid-Scotland 15. N.E. Scotland	As 11 - 13.
16. Orkneys and Shetlands.	Moderate to fresh south to southwest wind, strong locally later, cloudy or dull, occasional rain; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 11 - 13.

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 3/10 clouded. Sky 4/10 to 5/10 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.

Pressure is high to the southwest of the British Isles. A depression to the west of Iceland will move east. Weather will be mainly fair in the east and southeast of England and cloudy with occasional rain or showers elsewhere.

FURTHER OUTLOOK.

Unsettled in the extreme West and Northwest; mainly fair in the Southeast.

Forecasts issued at 1200 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. No. 766/6702 100 43. 2,600/. No. 106. 23140. 3/34.

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

Morning of
Sunday,
4th MARCH,
1934.

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

Sunday, 4th March 1934.

No. 24,400

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

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1028.4	+6	SW'W	3	b	36	75	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1028 8	+10	WNW	2	3o	32	75	5	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1026.1	+10	WSW	3	b	35	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1029.8	+4	WNW	4	b	42	95	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1031.6	0	WNW	3	bc	44	85	8	7	-	-	2-3	2-3	4000
	Scilly (St. Mary's)	163	1031.6	0	WNW	4	bc	44	85	8	1	-	-	2-3	2-3	2500
	Guernsey	175	1030.9	+6	WNW	1	b	42	85	8	-	-	-	0	0	-
6	Pembroke	142	1027.1	+2	W	2	bc	44	85	7	5	-	-	4-6	4-6	5700
7	Holyhead	26	1025.0	-2	W'S	5	bc	44	85	7	5	3	6	Tr	4-6	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1023.7	+4	SW	5	bc	37	85	6	-	2	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1020.1	+4	W	3	bc	41	75	7	2	-	-	4-6	4-6	2500
11	Inchkeith	190	1018.6	+4	W	2	pr	40	95	7	5	-	-	7-8	7-8	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1012.2	+6	WSW	3	c/pr	40	95	7	8	6	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1011.6	-2	SW	4	bc	36	95	8	5	-	-	2-3	2-3	2500
16	Lerwick	54	1006.9	+22	SW	5	bc	37	95	8	8	8	-	2-3	2-3	1500
17	Blacksod Point	18	1022.4	-4	NW'W	4	bc	46	85	7	9	-	-	4-6	4-6	800
18	Malin Head	52	1018.9	-6	SW	3	ir	43	95	7	6	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1027.4	-6	NW	4	bc/phr	42	95	8	8	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1028.2	0	SSW	2	c	33	95	7	-	-	6	0	9	-	4	*
1028.2	0	SW	2	bc	34	95	7	-	3	6	0	4-6	-	4	*
1029.4	-2	W'N	1	c	34	95	8	-	1	1	0	9	-	4	*
1028.7	0	SSE	1	c	32	95	6	-	-	7	0	9+	-	4	*
1029.2	0	W	1	c	33	95	7	-	-	6	0	7-8	-	4	0
*	*	W	2	bc	*	*	6	5	7	*	1	2-3	2500	*	1
1028.8	-2	W	2	b	32	85	6	-	-	1	0	Tr	-	4	*
1027.8	0	SW	4	bc	35	85	7	-	2	5	0	4-6	-	0	*
1026.8	0	SW	1	bc	33	85	6	-	5	8	0	4-6	-	0	1
1025.4	-2	SW'W	3	c	34	95	7	-	5	-	0	7-8	-	4	2
1025.0	-4	SW'W	3	3o	36	95	6	-	7	6	0	9	-	4	*
1026.4	-2	SW	3	bc	37	85	8	-	7	9	0	4-6	-	1	*
1027.8	-4	WSW	2	f	32	95	2	5	-	-	10	10	150	4	*
1026.9	-4	WSW	3	bc	39	85	8	5	4	6	1	4-6	2500	1	*
1028.6	-6	WNW	4	bc	43	95	8	5	-	-	4-6	4-6	2500	1	3
1030.3	-2	NE	2	3o	32	95	6	-	-	6	0	7-8	-	1	2
1030.4	0	W	3	bc	45	85	8	7	-	-	4-6	4-6	2500	1	2
1030.3	-6	W'S	4	c	45	85	8	2	6	-	4-6	7-8	2500	1	3
1030.5	-2	W'S	2	bc	41	85	8	8	7	1	4-6	4-6	2500	1	2
1025.9	-6	W	3	c	45	95	7	5	-	-	7-8	7-8	2500	1	2
1023.3	-10	SW'W	4	c	43	85	7	5	-	7	2-3	10	2500	1	2
1025.0	-8	SW'W	3	bc	42	85	8	5	1	1	4-6	4-6	2500	1	*
1024.4	-4	WSW	3	c	41	85	8	5	-	-	7-8	7-8	2500	0	*
1024.8	0	SW	2	c	38	95	7	5	-	-	9+	9+	2500	1	*
1022.1	-6	SW	3	bc	41	85	9	3	4	1	2-3	2-3	2500	1	*
1023.6	0	SSW	3	c	37	95	7	5	1	9	4-6	7-8	4000	0	2
1022.3	-4	WSW	2	c	42	85	9	5	7	2	4-6	7-8	2500	0	*
1019.7	0	W	2	c	42	85	8	4	-	-	7-8	7-8	4000	1	1
1017.0	-6	WSW	5	c/pr	42	95	8	8	-	-	9+	9+	2500	1	3
1016.6	-8	SW	4	c/d	41	95	7	5	7	-	7-8	9	1500	1	*
1017.5	-6	SSW	2	r.o.	43	85	7	9	2	-	7-8	9+	1500	1	*
1019.7	-6	SW	4	c	38	95	6	5	-	-	10	10	800	1	
1014.2	-14	W	5	c	46	85	7	9	7	-	7-8	9+	800	1	4
1009.3	-8	SW	3	c/pr	42	85	8	8	2	-	2-3	10	2500	1	2
*	-4	SW	1	bc	35	95	8	4	1	-	2-3	4-6	2500	6	*
1014.0	-14	SW	4	c	40	85	8	5	7	-	1	7-8	4000	1	1
1010.7	-6	SW	4	bc	38	95	8	5	1	-	2-3	4-6	2500	1	2
1006.4	-4	WSW	4	c	40	85	8	8	4	-	4-6	7-8	1500	2	*
1019.1	-20	W	3	c	47	85	8	8	-	-	10	10	460	1	3
1016.1	-12	SW	4	c	44	95	7	3	7	-	2-3	10	1500	1	2
1020.0	-12	SSW	4	c	41	95	7	5	-	-	10	10	1500	1	*
1020.1	-4	W	2	c	40	95	7	5	-	-	7-8	7-8	1500	0	1
1022.6	-16	SW	2	pr	42	95	7	6	-	-	7-8	7-8	2500	1	*
1024.9	-8	SW'W	4	c	47	85	8	5	7	-	9	10	1500	1	3
1024.8	-8	W	3	c	46	85	8	3	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 3rd-4th Hrs. (36)
48	32	24	-	Tr.	7-8
48	32	28	-	-	7-8
50	29	20	-	Tr.	9-0
49	30	26	-	-	8-3
47	32	20	-	-	7-9
50	29	*	-	-	*
48	31	24	-	-	7-2
48	32	23	-	-	8-2
47	32	25	-	-	8-3
47	33	31	-	-	8-0
46	35	32	0.1	-	8-2
47	35	31	-	-	9-5
47	29	20	-	0.1	*
49	36	29	-	-	9-9
(47)	40	*	-	-	*
48	32	29	-	-	9-6
49	43	*	-	-	*
49	43	*	-	-	9-2
48	40	30	0.6	-	9-3
47	44	*	0.1	-	9-2
48	42	39	-	-	8-6
47	36	23	Tr	Tr.	9-1
45	40	38	-	-	8-5
47	33	26	Tr	-	8-1
45	39	33	-	-	9-8
44	36	*	-	-	8-1
47	40	33	-	-	9-5
46	41	33	-	-	*
43	39	36	0.6	0.1	7-4
46	35	31	-	Tr.	9-1
46	37	35	2	4	5-9
44	35	32	0.2	1	7-0
46	41	38	1	3	5-1
44	37	*	2	3	6-0
37	33	28	7	4	3-4
48	34	25	-	-	8-8
47	34	*	0.3	0.1	*
42	34	*	2	5	1-9
49	42	*	2	2	*
47	41	*	3	1	5-4
49	37	32	0.1	0.6	7-2
48	37	*	0.1	-	*
48	36	28	0.1	0.5	7-9
49	(44)	39	0.3	2	6-0
47	40	*	Tr	Tr.	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather Morning (24 hrs. ended 9h.)	Weather Afternoon (24 hrs. ended 9h.)	Weather Night (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day mm.	Rainfall. Night mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	cm₀bcy	bcym₀	b3₀ybcc	48	32	24	-	Tr.	7-8	*	*	7
Croydon	217	bcm₀	bc3₀ybcy	b3m₀x	48	32	28	-	-	7-8	*	*	7
Greenwich (Royal Observatory)	149	cbc	bcby	bcm	48	33	28	-	-	5-9	45	84	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6-6	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	32	25	-	-	6-7	38	81	*
‡Regents Pk. (Botanic Gardens)	128	*	*	*	49	34	27	-	3	6-8	49	82	*
Camden Square	110	cbc	bcb	*	49	33	26	-	-	*	*	84	*
Kensington	80	bc	bc	*	49	33	25	-	-	6-5	At 18h. 51	83	*
Hampstead Observatory	450	bc	bc	bmx	48	31	24	-	-	7-5	*	95	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1-0	20h. 3rd	<0.3	11-7h. 4th.

Kew Observatory. Max.	Time.	Min.	Time.
0-8	19h. 3rd	0-1	6h 4th

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 3rd March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 4th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1024.5	WNW	4	bc	45	1030.3	SW	2	m	32
Brussels	1023.2	NNW	4	bc	41	1028.4	WSW	2	3o	30
Berlin	1016.7	SW	2	3o	37	1022.2	NW	3	3o	37
Zürich	1021.8	SSE	2	o	36	1024.8	-	o	m	32
Rome	1013.5	WNW	4	bc	48	1007.1	NE	3	c	39

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
52	30	Tr	-
50	28	0.5	-
39	37	Tr	0.3
37	32	0.1	9
*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 5th March 1934.

No. 26,401

Dist.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 4th. March. 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)	OBSERVATIONS at 18h. G.M.T. 4th. March. 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)	PAST 24 HOURS. Weather. 7h.–13h. 4th. (37)	13h.–18h. 4th. (38)	18h. 4th to 1h. 5th. (39)	1h.–7h. 5th. (40)
1	London (Kew)	1025.5	-20	W's	3	c	47	65	8	2	-	7	7-8	10	2500	1021.9	-16	SW's	3	c/pr	45	85	5	5	2	-	9	10	2500	1	*	cm.,c	cipc cm.	cm.r.c	crrrr.m.
	Croydon	1025.7	-20	WSW	4	c	49	65	6	7	-	6	4-6	9+	2500	1022.3	-20	SSW	4	c/pr	44	85	6	5	2	-	9	10	4000	1	*	bc bccm	c3. prm.	cbc	bccr.m.
	S. Farnborough	1026.7	-10	WSW	4	c	48	65	7	8	-	-	10	10	2600	1022.4	-22	SW	3	ir.	41	95	6	5	1	-	9	10	1500	1	*	c	cprcir.	r.cbc	ocoir.
	Boscombe Down	1025.6	-22	SW	4	c	47	75	7	5	1	-	7-8	10	1500	1022.0	-14	SW	3	c	44	95	6	5	-	-	9+	9+	1500	1	*	cm,cmbcc	cirir.	cm.r.	rrr.m.
	Calshot, S'thmtn	1026.5	-22	SW's	5	c	48	75	8	8	1	8	4-6	10	2500	1023.1	-14	SW	4	c	44	85	7	5	7	-	4-6	9+	1500	1	2	bc bcc	c	cd.bcc	cdcrm
	Dungeness	*	*	SW	4	c	*	*	6	4	3	*	4-6	7-8	2500	*	*	SW	4	c	*	*	7	8	-	*	9	9	1500	*	2	bc	bc		bc
	Lympne	1026.1	-22	SWW	3	c	51	55	8	5	-	9	4-6	7-8	4000	1023.5	-10	SW	3	c	40	95	7	5	7	-	9	10	4000	1	*	bm.xc	c	c	cm.
2	Shoeburyness	1025.3	-20	WSW	3	bc	51	55	6	2	-	8	2-3	4-6	4000	1022.1	-12	SW	4	ir.	45	75	6	5	2	-	8	9+	4000	0	*	bcm.	bccr.m.	ccr.	c
	Felixstowe	1024.9	-18	WSW	3	c	50	55	7	2	?	8	2-3	7-8	4000	1021.4	-18	SW	3	ir.	45	75	6	5	2	-	7-8	10	2500	0	2	bc3. c3.	bcyc63.	cr.r3.rrc	c, b, c
	Gorleston	1023.6	-14	SW	3	c	46	85	7	7	-	6	4-6	7-8	2500	1020.2	-14	SW's	3	c	46	75	7	5	-	-	10	10	2500	0	3	cbc	c4	oir.oq	cq
	Cranwell	1022.6	-16	SWW	4	3c	46	75	6	7	1	-	2-3	10	4000	1018.1	-26	SSW	4	ir.	44	85	6	6	2	-	9+	10	1500	1	*	cm. 3c	c3.ir.	ccr.bc	bccr.
3	Birmingham	1023.0	-22	SW	3	c	46	65	8	5	1	-	7-8	10	1500	1018.8	-22	SW	3	ir.	44	95	5	6	2	-	4-6	7-8	1500	1	*	bcc	cir	ccr.	ccr.
	Upper Heyford	1024.1	-28	SWW	4	c	46	85	7	5	1	8	7-8	9+	1500	1020.5	-20	SWW	4	c/r	45	85	8	6	1	-	7-8	10	1600	1	*	ofc	cqr.	cRr	cor
4	Ross-on-Wye	1023.1	-20	SWW	4	c	47	75	7	5	-	-	10	10	2500	1019.5	-20	SWW	4	ir.	45	85	6	6	-	-	10	10	2600	1	*	c	oro	ocr.	c
5	Portland Bill	1026.3	-20	SW	4	c	46	95	8	4	4	-	4-6	7-8	2500	1023.1	-18	WSW	5	c	45	95	8	5	-	-	7-8	7-8	2500	1	4	c	c	coido	cd.rr
	Plymouth	1027.2	-20	SW	5	cjp	48	85	7	8	-	7	7-8	10	1500	1023.1	-16	SW	5	c	46	95	7	5	2	-	7-8	10	1500	1	3	czm.pc	cpr.	coR	oRr.r.c
	The Lizard	1028.1	-12	SW	3	c	49	75	8	8	2	-	7-8	10	2500	1024.1	-6	SW	4	c	47	85	6	8	7	-	7-8	10	2500	0	3	bcc	c	cprqo	ocbc
	Scilly (St. Mary's)	1027.1	-14	SWW	5	c	50	85	7	8	7	7	2-3	10	2500	1022.7	-24	SWW	5	c/pr	47	85	7	8	2	-	4-6	9+	2500	1	3	c	cp.	rdcbc	cbcb
	Guernsey	1028.5	-18	WSW	3	c	49	75	8	8	1	7	4-6	10	2500	1025.2	-22	SW	2	o	46	85	8	5	-	-	10	10	4000	1	2	bcc	co	ococ.	orrf
6	Pembroke	1027.8	-16	WSW	3	c	46	95	7	5	-	-	9	9	1500	1017.6	-16	WSW	4	q	46	95	7	5	-	-	9+	9+	2500	1	3	cid.c	cpc. mqc	cqmid.c	cqmir.cbc
7	Holyhead	1019.4	-22	SW	4	ir.	48	85	7	6	2	-	7-8	9+	4000	1015.3	-14	SW	4	c/r	46	95	6	6	-	-	7-8	7-8	800	1	2	cir.m.c	crrir.m.	or.m.b	b
	Chester (Sealand)	1020.7	-26	WSW	4	c/pr	45	85	8	9	3	6	7-8	9	1500	1016.7	-20	SWW	3	bc	47	85	8	5	4	3	4-6	4-6	1500	1	*	bcpr	PRepr	bcpr.c	prbcb
8	L'pool (Bidston)	1020.0	-18	W's	4	c	49	75	9	9	3	-	4-6	9	2500	1015.9	-14	W	3	cjp	47	75	8	5	-	8	4-6	7-8	2500	1	*	cp.c	prbbc	cPRc	cb
	Manchester	1020.5	-28	WSW	4	ir.	48	75	6	6	2	-	7-8	10	1500	1016.5	-10	WSW	3	c	46	85	6	5	1	1	7-8	9+	1500	1	*	cir.	crrc	cr.m.	crm.
9	Harrogate	1019.3	-6	SSW	3	ir.	44	75	6	6	2	-	7-8	10	2500	1015.4	-10	SW's	2	ir.	43	95	7	5	7	-	7-8	10	2500	1	*	bccr.	cir	ccR	cbcr
10	Spurn Head	1020.9	-10	S'W	4	c	46	75	6	5	2	-	4-6	9+	2500	1016.9	-10	S	3	cr.	43	95	6	3	7	-	4-6	9+	4000	1	2	cbcc	crr	cbcw	bcprc
	Catterick	1018.4	-20	SW's	4	c	45	75	8	9	1	-	7-8	10	1500	1014.8	-16	SW	2	c	45	85	8	9	7	-	4-6	9	1500	1	*	c	cpr.	bccpr	bccpr.
	Tynemouth	1016.6	-20	SW	3	o	45	85	6	6	-	-	10	10	1500	1013.8	-18	SW	1	bc	47	75	6	6	6	-	4-6	4-6	1500	1	1	co	obc	bc	bc
11	Inchkeith	1014.1	-14	SW	5	c	45	85	8	2	6	2	4-6	7-8	2500	1011.3	-22	WSW	5	c	44	95	8	8	-	-	7-8	7-8	2500	1	3	cq	cpr	cprbc	cprbc
	Leuchars	1013.3	-20	WSW	4	pr	49	75	7	9	-	2	7-8	7-8	1500	1009.8	-18	WSW	3	bc/pr	44	85	7	8	6	9	2-3	2-3	2500	1	*	cbcqc	cbcpr.	bbcq	bccpr.q
12	Renfrew (Abbotsfl)	1014.0	-20	SW's	4	c/r	48	85	7	8	-	6	7-8	7-8	1500	1010.6	-20	SW's	3	bc	43	95	7	8	-	1	2-3	4-6	1500	1	*	cr.r3.ir.	cr.r. bc	bccr.pr	c
	Eskdalemuir	1016.5	-24	SW	5	r.r.	42	85	6	5	-	-	10	10	800	1012.1	-16	SW5	3	c	41	85	8	8	-	-	9	9	1500	1	*	cr.r.cr	ir.c	cr.cp R	cpr.
13a	Tiree	1011.3	-14	W's	4	c	47	85	8	8	4	8	2-3	9+	1500	1007.2	-22	W's	4	bc/pr	43	95	7	8	4	3	2-3	4-6	1500	1	4	cPRqc	bcprq	bcp.PRq	Ppr.q
13b	Stornoway	1006.7	-22	SW	4	c	46	75	7	8	7	1	4-6	7-8	2500	1002.8	-16	SW	4	c/pr	45	85	7	8	6	-	4-6	7-8	1500	1	2	cpr	bccpr	cprq	bcph
15	Dalwhinnie	1011.8	-6	SW	3	bc	40	95	8	4	1	1	2-3	4-6	1500	1008.2	-20	SW	3	bc	38	95	8	4	4	-	2-3	4-6	1500	1	*	irbc	ir bc	*	cr
	Aberdeen	1011.0	-20	SW's	3	c	45	85	7	5	7	-	1	7-8	2500	1007.9	-16	SW	3	bc	47	65	7	5	4	-	1	4-6	2500	1	1	c	cbc	bcbbc	bcb
	Wick	1008.7	-6	SW	4	c	45	95	8	8	1	-	4-6	9	1500	1005.4	-16	SSW	4	c	44	85	8	5	4	1	4-6	7-8	2500	1	2	bcc	c	cR	cpr
16	Lerwick	1004.1	-16	W's	4	bc/pr	43	85	8	8	-	-	4-6	4-6	1500	1002.5	-12	SW	4	c/p	42	85	7	8	7	1	4-6	7-8	800	2	*	cbcpr	bcpr	c	cr.r.
17	Blacksod Point	1015.2	-20	SW	4	c	49	85	8	9	-	4	4-6	7-8	800	1012.2	-16	WSW	3	c	48	85	8	9	-	-	7-8	7-8	460	1	3	prc	prcq	PRcq	PRcq
18	Malin Head	1013.0	-12	SW	3	c/pr	48	85	7	2	9	-	4-6	9	1500	1009.3	-12	SW	3	bc/pr	42	95	7	3	8	-	4-6	4-6	1500	1	1	cpr.	cprbc	cpr	cPR R
	Aldergrove	1016.2	-22	SW's	4	ir.	46	85	8	9	-	-	9+	9+	800	1012.0	-38	SW's	4	c	46	75	8	8	-	-	9	9	2500	1	*	c	cp.V	5 cprb	bbc
	Donaghadee	1015.7	-18	W	2	c	50	75	8	5	2	-	4-6	7-8	1500	1011.9	-16	W	2	pr.	47	85	8	5	2	-	4-6	7-8	1500	1	1	c	cpr.	bcpr.	pr.bc
19	Birr Castle	1018.4	-20	SW	3	c/pr	50	85	8	9	-	-	9	9	1500	1014.0	-22	SW	2	c	48	85	8	9	-	-	7-8	7-8	1500	1	*	cpr	cprc3	cbc	bccpr
20	Valentia Obsy.	1021.2	-22	SWW	4	rr	48	95	6	6	-	-	10	10	450	1016.8	-14	SW	2	bc	48	95	8	8	4	-	2-3	4-6	800	1	4	cirorr	orrRRc	bccprqbc	bccprqbc
	Roches Point	1021.9	-14	W	3	ir	48	85	8	6	-	-	7-8	7-8	1500	1016.9	-28	WSW	4	rr	48	95	7	6	-	-	10	10	1500	1	4	cir	ircrr	orr.bc	bcpbc

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

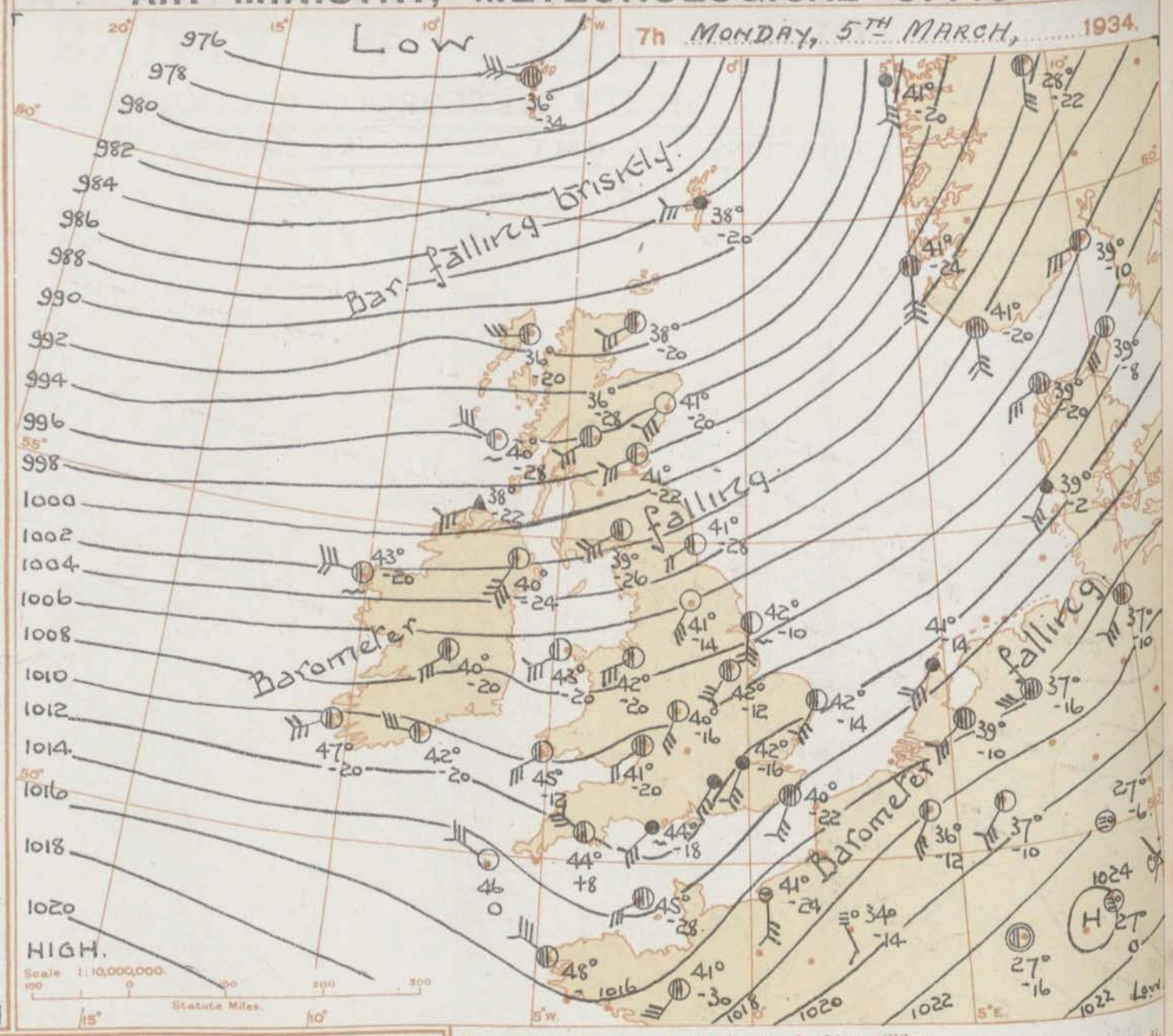
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for Sunday 4th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 3rd. to 9h. 4th.	Temperature. Max. 9h.—17h. 4th.	Rainfall. Night. 17h. 3rd. to 9h. 4th.	Rainfall. Day. 9h.—17h. 4th.	Sunshine. Sunrise to 17h. 4th.	Sunshine. Sunrise to Sunset. 3rd.
1	Tunbridge W.	b	bco	?	50	-	-	5.1	8.8
	Bournemouth	cbc	bco	34	50	-	-	3.0	8.0
	Ventnor ...	cbbc	bccu	38	47	-	-	4.3	8.1
	Southsea ...	bbc	c	32	50	-	-	2.7	7.7
	Bognor Regis	bcbc	cbcc	32	48	-	-	4.4	8.1
	Littlehampton	bc	bcc	29	46	-	-	4.1	8.4
	Worthing ...	b	bcc	33	46	Trace	-	4.9	8.0
	Brighton ...	b	bcb	32	46	-	-	5.5	8.4
	Eastbourne†	bbc	bcc	35	46	-	-	5.6	8.5
	Hastings† ...	bbc	bcc	33	49	-	-	6.1	8.4
	Folkestone ...	b	bcobc	34	47	-	-	6.7	7.5
	Dover... ...	bcb	bbc	33	45	-	-	7.3	8.0
	Deal	bcb	bbcc	34	52	-	-	6.0	7.4
	Ramsgate ...	bc	bc	34	51	-	-	5.7	7.9
	Margate ...	bc	bcc	34	50	-	-	6.2	8.7
2	Southend ...	b	bcc	33	51	-	-	5.0	7.9
	Maldon ...	b	co	31	50	-	-	4.1	8.2
	Clacton-on-Sea	bcxbc	bcc	32	51	-	-	3.0	8.4
	Dovercourt ...	xbc	bcoc	33	51	-	-	4.6	8.6
	Lowestoft ...	bbc	bcc	31	51	-	-	2.8	9.0
	Skegness ...	bc	bco(1)	33	48	-	Trace	2.7	7.7
	Mablethorpe	bcm.	odm.	34	48	-	Trace	2.5	7.7
	Cleethorpes ...	bco	or	34	48	Trace	Trace	2.5	8.1
3	Leamington S.	co	or	32	49	-	1	1.5	8.8
4	Cheltenham†	bcc	cipc	35	48	-	Trace	1.6	9.1
5	Bath	bcc	cp	34	51	-	Trace	1.4	9.4
	Weymouth ...	cb	c	36	51	-	-	2.8	8.4
	Jersey ...	cbc	bcc	36	47	Trace	-	5.0	9.3
	Torquay ...	wbc	bcoc	32	51	-	-	3.1	9.7
	Penzance ...	cbc	c	40	51	-	-	0.4	9.5
	St. Ives ...	p	c	41	49	-	0.5	0.3	9.6
	Bude	bcc	c	44	49	-	-	0.1	9.1
	Ilfracombe ...	oc	oc	42	48	-	-	0.3	9.5
6	Aberystwyth	cpr	r.r	42	46	-	1	0.0	8.5
7	Llandudno ...	cir.	r.c	41	48	-	0.3	0.2	7.6
	Colwyn Bay...	bcpo	opobc	42	51	-	0.5	0.1	8.1
	Rhyl	crc	crc	45	51	-	0.1	0.7	8.5
8	Wallasey ...	cp	p.bc	40	51	-	Trace	0.6	8.7
	Southport‖ ...	oro	oco	41	47	-	0.6	0.3	9.0
	Blackpool ...	or	c	42	46	-	1	0.1	9.0
	Morecambe ...	cdc	crpco	39	46	Trace	1	0.0	4.8
9	Ilkley... ...	c	irc	39	46	Trace	4	0.0	9.0
10	Berwick-on-T.	o	cbc	37	48	-	-	1.3	9.7
11	Dunbar ...	bc	bc	38	50	-	-	2.5	8.1
12	Troon... ...	hrcoc	rbcr.	39	47	0.3	0.3	3.0	6.2
	Douglas ...	odir	cb	39	48	Trace	2	0.6	8.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th March 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate southwest to west wind, backing south tomorrow and freshening; becoming fair apart from scattered showers; rain spreading east tomorrow; moderate temperature.
5. S.W. England 6. South Wales 7. North Wales	Fresh or strong squally westerly wind, backing south later; showers and bright intervals; rain tomorrow; moderate temperature.
8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. { A. W. Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands. 17. N.W. Ireland 18. N.E. Ireland	Fresh or strong squally west winds; showers of rain, hail, or sleet; snow locally on hills, bright intervals; moderate or rather low temperature.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.

GENERAL INFERENCE.

A large depression southwest of Iceland is moving slowly east and secondaries are crossing the British Isles. A larger secondary northwest of the Azores will approach our southwest coasts. There will be showers and bright intervals at first, and continuous rain will spread eastward over southern districts tomorrow.

FURTHER OUTLOOK.

Rain at times, perhaps in considerable amounts. Snow locally on high ground in the North.

Forecasts issued at 1010 G.M.T.

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

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 5th March 1934.

No. 26,401

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

Division	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1017.8	-20	SSW	3	c	43	85	7	7	6	6	2.3	7.8	4000
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	846	1019.6	-16	SW'W	3	c	41	95	7	5	-	-	10	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1015.5	-20	SW'S	4	c	43	95	6	5	-	-	9	9	4000
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1018.6	-20	SW	5	ld	44	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1014.7	-44	S	6	q	47	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1013.9	-26	WNW	6	bc	47	95	7	8	-	-	2.3	2.3	1500
	Guernsey	175	1013.9	-32	SW'S	3	r.c	45	85	7	6	-	-	10	10	1500
6	Pembroke	142	1012.6	-12	SSW	4	ld	44	95	6	3	-	-	10	10	450
7	Holyhead	26	1011.0	-14	WSW	4	b	44	95	7	5	-	-	1	1	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1011.7	-10	SSW	4	bc	42	95	7	5	2	-	2.3	4.6	4000
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1008.3	-14	SW	2	bc	42	85	7	2	-	-	2.3	2.3	2500
11	Inchkeith	190	1006.4	-30	W	4	bc	43	85	8	8	4	-	4.6	4.6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	995.6	-24	SW	4	bc/pr	41	95	7	8	6	-	4.6	4.6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	998.1	-8	SSW	4	c	41	95	8	5	1	-	4.6	7.8	1500
16	Lerwick	54	995.0	-36	SW	5	c	43	75	7	8	7	1	4.6	7.8	1500
17	Blacksod Point	18	1008.1	-20	W	7	q	47	75	7	9	-	-	10	10	450
18	Malin Head	52	1003.5	-24	SW'S	4	c	43	95	7	3	-	-	7.8	7.8	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1013.9	-14	SW	5	q	46	95	8	-	8	1	0	1	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Division	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1012.3	-20	SSW	2	r.r.	42	95	6	6	2	-	2.3	10	800	1	*
	Croydon	1013.4	-16	S'W	4	r.r.	42	95	7	6	2	-	9	10	800	1	*
	S. Farnborough	1012.2	-18	SSW	3	r.r.	41	95	6	6	-	-	10	10	800	1	*
	Boscombe Down	1010.9	-30	SSE	4	r.r.	41	95	6	6	-	-	10	10	220	1	*
	Calshot, (S'thmtn)	1012.0	-24	SSE	4	dr	42	95	5	5	-	-	10	10	450	1	1
	Dungeness	*	*	SW	4	dr	*	*	7	8	-	-	7-8	9	1500	*	2
	Lympne	1014.8	-22	SSW	4	c	40	95	6	5	-	-	10	10	450	1	*
2	Shoeburyness	1013.3	-14	S'W	3	r.r.	41	95	7	5	1	-	4-6	9	450	1	*
	Felixstowe	1013.0	-18	SW'S	4	c	41	95	7	5	3	-	4-6	7-8	4000	1	3
	Gorleston	1011.9	-14	SSW	4	c	42	85	6	4	7	-	4-6	7-8	2500	1	3
	Cranwell	1009.6	-12	SW'S	4	c	42	95	7	6	-	-	9+	9+	1500	1	*
3	Birmingham	1009.9	-16	SSW	3	bc	40	95	7	6	7	1	2-3	4-6	800	1	*
	Upper Heyford	1011.3	-20	SSW	2	r.r.	39	95	7	5	-	-	10	10	220	1	*
4	Ross-on-Wye	1010.5	-20	SW	2	c	41	95	7	5	-	9	7-8	7-8	1500	1	*
5	Portland Bill	1010.3	-18	SW	4	d.d.	44	95	7	5	-	-	10	10	1500	1	4
	Plymouth	1012.4	+8	NW	4	c	44	95	8	8	-	-	7-8	7-8	1500	1	3
	The Lizard	1013.8	+2	W'N	3	bc	45	95	7	8	-	-	2-3	2-3	2500	1	3
	Scilly (St. Mary's)	1014.4	0	WNW	4	b	46	95	7	6	4	-	0	1	-	1	3
	Guernsey	1013.4	-28	W'S	3	o/pr	45	95	6	5	-	-	10	10	1500	1	3
6	Pembroke	1009.6	-12	WSW	3	bc	45	95	7	7	7	-	2-3	4-6	4000	1	3
7	Holyhead	1006.6	-20	SW'W	4	bc	43	95	7	5	-	6	1	4-6	1500	1	2
	Chester (Sealand)	1007.8	-20	WSW	3	bc	42	85	7	4	4	-	2-3	2-3	2500	1	*
8	L'pool (Bidston)	1007.1	-14	WSW	3	b	40	95	8	5	-	5	1	1	2500	1	*
	Manchester	1007.4	-20	SW'S	3	3o	41	95	6	5	-	-	9+	9+	1500	1	*
9	Harrogate	1006.2	-14	SW'S	3	b	41	95	7	3	4	9	Tr	1	2500	1	*
10	Spurn Head	1007.3	-10	S'W	5	c	42	95	7	3	7	8	4-6	7-8	2500	1	4
	Catterick	1005.3	-14	SW	3	pr.	42	85	8	9	3	9	4-6	7-8	1500	1	*
	Tynemouth	1003.2	-28	SW	2	bc	41	85	6	5	-	-	4-6	4-6	800	1	1
11	Inchkeith	999.6	-20	SW	4	bc	42	85	8	8	-	-	4-6	4-6	2500	0	3
	Leuchars	998.1	-22	SW	4	bc/p	41	85	7	8	7	-	2-3	4-6	1500	1	*
12	Renfrew (Abbotsl)	999.8	-24	SW'S	4	c	42	85	7	9	-	-	9	9	1500	1	*
	Eskdalemuir	1001.5	-26	SW	5	c	39	85	8	5	-	-	10	10	800	1	*
13A	Tiree	995.7	-28	WNW	4	bc/pr	40	85	7	8	-	-	4-6	4-6	1500	1	4
13B	Stornoway	999.9	-20	WSW	3	bc/pr	36	95	8	8	6	-	2-3	4-6	2500	1	1
15	Dalwhinnie	996.0	-28	SW	4	c	36	95	8	4	1	-	4-6	7-8	1500	1	*
	Aberdeen	995.8	-20	SSW	4	b	41	85	7	-	7	8	0	1	-	1	1
	Wick	991.6	-20	SW	4	c/pr	38	95	8	9	2	-	7-8	9	1500	1	3
16	Lerwick	988.8	-20	WSW	4	r.r.	38	95	7	6	2	-	7-8	10	800	1	*
17	Blacksod Point	1002.4	-20	W	5	c	43	85	8	9	-	-	7-8	7-8	800	1	4
18	Malin Head	999.6	-22	SW	4	PHR	38	95	7	6	-	-	9+	9+	800	1	2
	Aldergrove	1002.6	-24	SSW	6	c	40	85	8	5	-	1	7-8	7-8	2500	1	*
	Donaghadee	1002.4	-20	SW	2	bc	39	85	7	5	2	-	4-6	4-6	1500	1	1
19	Birr Castle	1006.9	-20	SW	3	c/pr	40	95	8	9	-	-	7-8	7-8	1500	1	*
20	Valentia Obsy.†	1009.8	-20	SW'W	5	bc/pr	47	85	7	8	-	-	4-6	4-6	1500	1	3
	Roches Point	1011.3	-20	W	3	bc/pr	42	95	8	6	-	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

Division	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)	48	42	39	Tr.	1	4.1
	Croydon	49	42	40	Tr.	0.6	4.3
	S. Farnborough	49	41	37	0.5	1	3.4
	Boscombe Down	48	38	37	1	2	2.8
	Calshot, (S'thmtn)	48	41	39	-	3	2.4
	Dungeness	45	34	*	-	-	5.0
	Lympne	52	39	38	-	-	*
2	Shoeburyness	52	41	36	Tr.	0.2	5.4
	Felixstowe	50	39	36	Tr.	2	4.3
	Gorleston	50	41	38	-	0.3	2.5
	Cranwell	48	42	39	Tr.	0.2	0.6
3	Birmingham	47	40	38	1	1	2.0
	Upper Heyford	48	39	36	0.1	2	*
4	Ross-on-Wye	48	41	38	1	0.1	1.2
5	Portland Bill	47	40	*	-	4	*
	Plymouth	48	43	42	Tr.	6	1.4
	The Lizard	50	44	*	-	3	*
	Scilly (St. Mary's)	50	44	*	Tr.	4	1.1
	Guernsey	50	43	40	-	4	3.5
6	Pembroke	48	43	*	Tr.	2	0.0
7	Holyhead	50	43	39	2	0.6	0.3
	Chester (Sealand)	51	38	29	1	0.5	0.7
8	L'pool (Bidston)	49	40	37	1	-	0.4
	Manchester	50	40	37	Tr.	1	0.2
9	Harrogate	45	41	36	2	6	0.0
10	Spurn Head	48	41	*	0.3	0.3	1.8
	Catterick	48	41	36	Tr.	1	0.6
	Tynemouth	47	40	34	-	-	*
11	Inchkeith	47	42	38	0.1	Tr.	5.6
	Leuchars	50	37	30	Tr.	Tr.	5.2
12	Renfrew (Abbotsl)	49	41	37	1	0.6	3.5
	Eskdalemuir	43	37	36	2	4	0.3
13A	Tiree	48	40	37	2	3	3.6
13B	Stornoway	48	35	*	0.3	3	4.3
15	Dalwhinnie	41	34	29	2	6	3.0
	Aberdeen	49	40	37	-	-	0.3
	Wick	47	38	*	-	0.2	*
16	Lerwick	46	37	*	3	0.5	2.5
17	Blacksod Point	51	41	*	1	5	*
18	Malin Head	50	37	*	2	6	3.6
	Aldergrove	51	39	34	0.2	0.1	0.8
	Donaghadee	52	36	*	0.2	0.6	*
19	Birr Castle	52	39	31	3	2	0.6
20	Valentia Obsy.†	49	44	41	22	1	0.2
	Roches Point	49	40	*	9	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.	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	cm.c	cpr.cm.	cm.r.rm.	48	42	39	Tr	1	4.1	•	•	6
Croydon	217	b.bbcm	c3.pr.m	pbc.r.rm.	49	42	40	Tr	0.6	4.3	•	•	6
Greenwich (Royal Observatory)	149	bc	cp.cd.	cd.c.r.	51	41	38	Tr	1	4.3	66	90	6
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	4.0	•	•	•
Westminster (St. James' Park)	27	•	•	•	49	40	38	2	•	3.9	61	90	•
†Regents Pk. (Botanic Gardens)	129	•	•	•	49	39	40	-	3-	3.9	77	91	•
Camden Square	110	bbcc	cpc	•	49	42	40	Tr	3	•	•	93	•
Kensington	80	bcx	bcpco	•	49	42	37	Tr	2	3.9	At 18h. 96		•
Hampstead Observatory	450	bc	bcp	or	48	39	34	0.3	3	3.7	84	100	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.	Max.	Time.	Min.	Time.
	0·5	11h 4m	Nil	12h·5h 5th.

Kew Observatory.	Max.	Time.	Min.	Time.
	0·2	15h 4m	0·1	0h·5h 5th.

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 4th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 5th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1026·7	W	2	0	46	1015·7	SSE	1	m	34
Brussels	1022·2	WSW	2	bc	39	1017·8	SSW	3	bc	36
Berlin	1021·0	WSW	1	c	43	1020·1	-	0	3o	34
Zürich						1020·8	-	0	3o	27
Rome	1003·5	NNE	8	c	50	1002·5	NNE	5	c	48

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	32	-	-
50	34	-	-
45	28	-	-
	27	-	0·2
		-	-

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.

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

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

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

†Hr observations are from Valentia W/T station. ‡ Maximum and Minimum Temperatures are for the 24 hours ending 3h.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 6th March 1934.

No. 26402

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

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)	1009.1	-10	SW	2	c/r	45	95	5	5	-	-	10	10	1500
	Croydon	1009.9	-18	SW	3	c/r	45	95	6	6	-	-	9+	9+	800
	S. Farnborough	1009.1	-16	W'S	4	c	50	75	7	8	-	-	7-8	7-8	2500
	Boscombe Down	1009.0	-18	W'N	4	bc	49	75	8	2	-	-	4-6	4-6	2500
	Calshot, S'thmtn	1010.2	-4	W'N	4	c	48	65	8	2	-	-	7-8	7-8	2500
	Dungeness	*	*	S	5	c/d	*	*	6	8	-	*	10	10	1500
	Lympne	1010.5	-28	SSW	4	d/f	41	95	2	6	-	-	10	10	<150
2	Shoeburyness	1009.1	-22	SSW	4	c/r	44	85	7	6	2	-	9+	10	1500
	Felixstowe	1009.0	-24	SSW	4	r.	42	95	6	6	-	-	10	10	800
	Gorleston	1007.8	-12	SSW	4	o	45	85	6	6	-	-	10	10	1500
	Cranwell	1005.6	-28	SW	5	bc	50	65	6	5	-	-	2-3	2-3	4000
3	Birmingham	1006.5	-24	SW	4	bc	49	65	8	8	-	-	4-6	4-6	2500
	Upper Heyford	1007.9	-22	SW	3	c	47	75	7	5	-	-	9+	9+	1500
4	Ross-on-Wye	1007.0	-20	SW'W	3	p.	48	75	7	9	-	-	4-6	4-6	4000
5	Portland Bill	1010.4	+2	SW	4	bc	46	95	7	4	-	1	2-3	4-6	2500
	Plymouth	1011.5	-12	SW'W	5	c	51	75	8	8	-	1	7-8	7-8	2500
	The Lizard	1012.4	-8	WSW	3	c	51	95	7	4	7	-	7-8	9	4000
	Scilly (St. Mary's)	1011.7	-16	WSW	5	d.	50	95	6	5	-	-	10	10	1500
	Guernsey	1013.3	-2	W'S	4	bc	50	75	7	8	-	-	4-6	4-6	2500
6	Pembroke	1006.3	-12	WSW	3	c	48	75	7	4	5	-	4-6	7-8	4000
7	Holyhead	1002.8	-22	SW'S	6	bc	48	75	7	5	-	-	4-6	4-6	4000
	Chester (Sealand)	1004.2	-24	SW	4	ir.	48	65	8	6	-	-	7-8	7-8	1500
8	L'pool (Bidston)	1003.0	-20	W'S	5	c	50	65	9	9	-	-	7-8	7-8	2500
	Manchester	1003.4	-30	WSW	5	c	51	65	8	8	3	-	4-6	7-8	2500
9	Harrogate	1001.9	-26	SW	3	c	46	65	7	3	-	-	9+	9+	2500
10	Spurn Head	1001.3	-8	SW	4	bc	49	75	7	5	6	-	2-3	4-6	4000
	Catterick	999.9	-38	SW	4	c	46	65	8	8	-	-	9+	9+	1500
	Tynemouth	998.3	-30	SW	3	bc/pr	46	75	6	9	-	-	4-6	4-6	1500
11	Inchkeith	993.9	-20	WSW	5	c	44	75	8	8	7	-	4-6	7-8	2500
	Leuchars	993.1	-28	WSW	4	jp	42	85	7	9	-	3	7-8	9	1500
12	Renfrew (Abbotsl.)	995.0	-14	WSW	6	pr	38	85	7	9	-	-	10	10	1500
	Eskdalemuir	995.8	-32	WSW	5	prs	38	85	7	9	-	-	9+	9+	1500
13A	Tiree	990.6	-26	W'N	7	ps	43	75	7	9	-	-	9+	9+	800
13B	Stornoway	985.0	-20	SW	5	bc	38	65	7	8	6	-	4-6	4-6	2500
15	Dalwhinnie	-	-18	SW	4	is	35	95	7	4	4	-	4-6	7-8	800
	Aberdeen	990.8	-24	SW	4	c	45	65	7	2	7	-	4-6	7-8	2500
	Wick	988.1	-20	SW	5	c	42	85	8	8	8	1	4-6	7-8	2500
16	Lerwick	984.6	-20	SW	6	jp	40	75	8	8	7	-	4-6	7-8	1500
17	Blacksod Point	1000.7	-12	WNW	7	PH(R)	41	95	7	9	-	-	9	9	450
18	Malin Head	994.9	-10	W	4	c	41	85	7	9	-	-	9+	9+	1500
	Aldergrove	998.5	-16	WSW	6	c/ph(r)	42	85	8	9	-	-	10	10	1500
	Donaghadee	996.9	-20	WSW	3	pr	43	85	8	8	3	-	4-6	4-6	1500
19	Birr Castle	1003.3	-18	W	4	bc	48	75	8	3	-	5	2-3	2-3	2500
20	Valentia Obsy.	1007.4	-10	WSW	5	c	49	65	8	8	-	1	4-6	7-8	1500
	Roches Point	1007.5	-20	NW	4	c/pr	50	65	8	6	-	-	7-8	7-8	1500

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

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)	1005.8	-16	SW	3	c	47	75	5	8	-	-	7-8	7-8	1500	1	*
	Croydon	1007.2	-16	SSW	4	c	47	75	6	8	3	-	7-8	9	2500	1	*
	S. Farnborough	1006.1	-16	SW'S	5	b/pr	46	95	7	5	4	-	1	1	2500	1	*
	Boscombe Down	1006.2	-14	SW	4	c	46	85	8	8	-	-	9+	9+	2500	1	*
	Calshot, S'thmtn	1007.4	-6	SW	5	c	44	85	6	5	3	-	4-6	7-8	800	1	3
	Dungeness	*	*	SW	4	c	*	*	6	8	8	*	4-6	7-8	1500	*	3
	Lympne	1008.4	-2	SW	4	c	41	95	7	5	-	3	7-8	7-8	2500	1	*
2	Shoeburyness	1006.0	-8	SW'S	4	bc	44	85	6	8	-	-	4-6	4-6	4000	1	*
	Felixstowe	1005.4	-20	SSW	3	3.	42	95	5	5	3	-	2-3	7-8	2500	1	2
	Gorleston	1004.2	-18	S'W	4	bc	43	95	6	4	-	-	2-3	2-3	2500	1	3
	Cranwell	1001.4	-18	SW'S	4	bc	44	85	6	4	-	-	2-3	2-3	4000		*
3	Birmingham	1002.9	-16	SW	3	bc	45	85	8	9	-	-	4-6	4-6	1500	1	*
	Upper Heyford	1005.3	-12	SW	4	bc/pr	45	85	8	7	-	-	2-3	2-3	1500	1	*
4	Ross-on-Wye	1004.0	-14	SW'W	4	pr	46	85	7	9	-	-	9	9	2500	1	*
5	Portland Bill	1007.6	-16	WSW	4	id.	46	95	6	5	-	-	10	10	1500	1	4
	Plymouth	1008.5	-10	SW	5	r.	46	95	6	5	7	-	4-6	9+	450	1	3
	The Lizard	1009.7	-2	W'S	2	c	46	95	8	5	-	-	9+	9+	2500	1	3
	Scilly (St. Mary's)	1009.3	-10	W	4	c/pr	47	95	7	5	5	9	2-3	7-8	2500	1	3
	Guernsey	1011.2	-18	SW	5	ir.	47	95	5	5	-	-	10	10	1500	1	3
6	Pembroke	1004.7	-12	WSW	3	q	46	85	7	7	5	-	4-6	4-6	2500	1	2
7	Holyhead	1000.9	+6	W	5	bc	43	75	7	4	-	-	2-3	2-3	2500	1	2
	Chester (Sealand)	1001.0	-2	W'N	6	c/pr	44	75	8	9	-	-	7-8	7-8	2500	1	*
8	L'pool (Bidston)	1000.3	-6	WNW	5	bc/r	41	85	9	9	-	9	4-6	4-6	2500	1	*
	Manchester	1000.6	+10	WNW	5	pr	40	85	6	9	-	-	9+	9+	1500	1	*
9	Harrogate	998.9	0	SW	3	pr	36	95	7	3	1	-	2-3	9+	2500	1	*
10	Spurn Head	998.1	-16	S'W	5	c/tlr.	45	95	7	3	7	-	7-8	7-8	4000	1	4
	Catterick	997.0	-2	WSW	4	bc	41	65	8	8	6	3	2-3	2-3	2500	1	*
	Tynemouth	995.1	-4	W	3	bc	41	75	6	2	-	-	4-6	4-6	2500	1	1
11	Inchkeith	991.9	-2	WSW	5	bc	38	85	8	5	-	-	4-6	4-6	2500	1	3
	Leuchars	991.1	-4	WSW	4	bc/pr	36	85	8	9	-	3	1	2-3	1500	1	*
12	Renfrew (Abbotsl.)	993.3	-10	SW'W	3	jp	39	85	7	8	-	-	7-8	7-8	1500	1	*
	Eskdalemuir	995.2	+4	W	4	psh	34	95	7	9	-	-	9+	9+	800	6	*
13A	Tiree	989.0	-12	WNW	7	jp	42	85	8	9	-	-	9+	9+	800	1	5
13B	Stornoway	981.2	-6	WSW	5	c/ph(r)	38	85	7	9	7	3	7-8	9	800	1	3
15	Dalwhinnie	989.0	-6	SW	6	is	32	95	7	4	4	-	4-6	7-8	800	6	*
	Aberdeen	987.2	-16	SW	4	bc	39	65	7	8	-	3	2-3	4-6	2500	1	1
	Wick	982.8	-28	SSW	5	pr	37	95	8	9	7	1	4-6	7-8	1500	1	3
16	Lerwick	981.1	-22	SW	4	c/ph(r)	38	85	7	8	1	-	7-8	7-8	1500	1	*
17	Blacksod Point	1010.3	0	WNW	5	bc	43	75	8	9	-	-	4-6	4-6	800	1	4
18	Malin Head	993.7	0	W'S	5	pr	43	95	7	3	-	-	9	9	1500	1	2
	Aldergrove	997.9	+6	SW	5	b	39	75	8	3	-	-	1	1	1500	1	*
	Donaghadee	996.6	0	WNW	3	c	39	75	8	9	-	-	7-8	7-8	1500	0	2
19	Birr Castle	1003.4	-2	W	4	bc	42	75	8	3	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy.	1006.5	-2	W	4	c/pr	45	75	8	6	-	2	4-6	7-8	1500	1	5
	Roches Point	1005.9	-6	NW	3	bc	47	75	8	6	-	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 5th (37)	Weather. 13h.–18h. 5th (38)	Weather. 18h. 5th to 1h. 6th (39)	Weather. 1a.–7h. 6th (40)
London (Kew)	cr. m.	bcm.	m. bcb	m. cm.
Croydon	cr. r. d. r	bcm pr c	bc c pr.	bc pr. c
S. Farnborough	oir. d. d m c	c pr ph bc pr	b b c b/pr c	b b c c
Boscombe Down	cr. m. bc	bc c pr c	c pr c b	b b c c pr
Calshot, S'thmtn	o d d m c	bc c m.	cm. a r. bcm	cm.
Dungeness	d	bc		bc
Lympne	cr. o d d F F	d F c bc	cd., § b	b, cm.
Shoeburyness	cir. m	cir. bc	bcm.	bcm. cm.
Felixstowe	o d d r. r m	o r r m bcm	bcm. o r r m	cm. bcm.
Gorleston	c q	o i d. c	bc c o r. q	bc q
Cranwell	c bm.	c pr. b	c t l r b	b b c m.
Birmingham	bc	bc pr	pr bc	bc
Upper Heyford	c d. bc	c pr	b c c pr	b c c
Ross-on-Wye	bc c ip.	bc c	p. o r c b	b b c c
Portland Bill	c b c	bc i d o 3	b c b	b c i d.
Plymouth	c b b c	bc c m r d	c m. d. r.	ir. c r. r.
The Lizard	b c c	c f r c	c b c c	c pr.
Scilly (St. Mary's)	c o d.	d d i d p	b b c c	r. r. d d
Guernsey	o r. bc	bc c o	b c o i r	b c c r
Pembroke	b c c	c bc m q	bc pr. bc	b c c
Holyhead	bc	bc c q pr	bc b pr.	b, c
Chester (Sealand)	b c i r	R P R q	b b c pr. q	b b c x
L'pool (Bidston)	b b c c v	c v c i r k q r	v b b c v	v c b c c
Manchester	c b3. bc	bc c pr q	c pr. b	b x m.
Harrogate	b b c c	c p	c b p.	c b x
Spurn Head	c b c	c t l r	c b c	b c c
Catterick	c p r	p r q P R	bc pr.	b c c
Tynemouth	bc p.	bc o i r s bc	bc b q	b b c p.
Inchkeith	b c c	pr p s o c q	c pr q	c pr s q
Leuchars	c q pr P R	c pr s p s q	bc c i r s	c b c c r
Renfrew (Abbotsl.)	c P R P R S q	P R H q c	P t l P R H	c pr h r s
Eskdalemuir	pr h r s	pr s bc p s h	p s h c pr s l	c p s h
Tiree	bc c p s h q	c P p h r s	c P S H R l q	P H
Stornoway	bc c p s q	c p h r q	c p h r s t l w	
Dalwhinnie	i s	i s	*	i s
Aberdeen	b bc	bc c bc	bc	bc c
Wick	c	c pr	c pr s l	c pr s l
Lerwick	cr. r. ph	c p h r	c bc pr	bc pr c p s
Blacksod Point	PRH q	PRH q	PH c q	PHR q
Malin Head	c PR	c pr bc	c Q h r	c p h r
Aldergrove	bc c p h r	c p h r b	b, c pr b l	c pr c
Donaghadee	bc pr	pr c	c pr. c	c b c
Birr Castle	c pr bc	pr bc	bc b	b x c c r
Valentia Obsy.	bc c pr pr c	p h r pr c	c pr. c	c j p
Roches Point	bc p c	c p bc	bc	b 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.
p, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r., slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

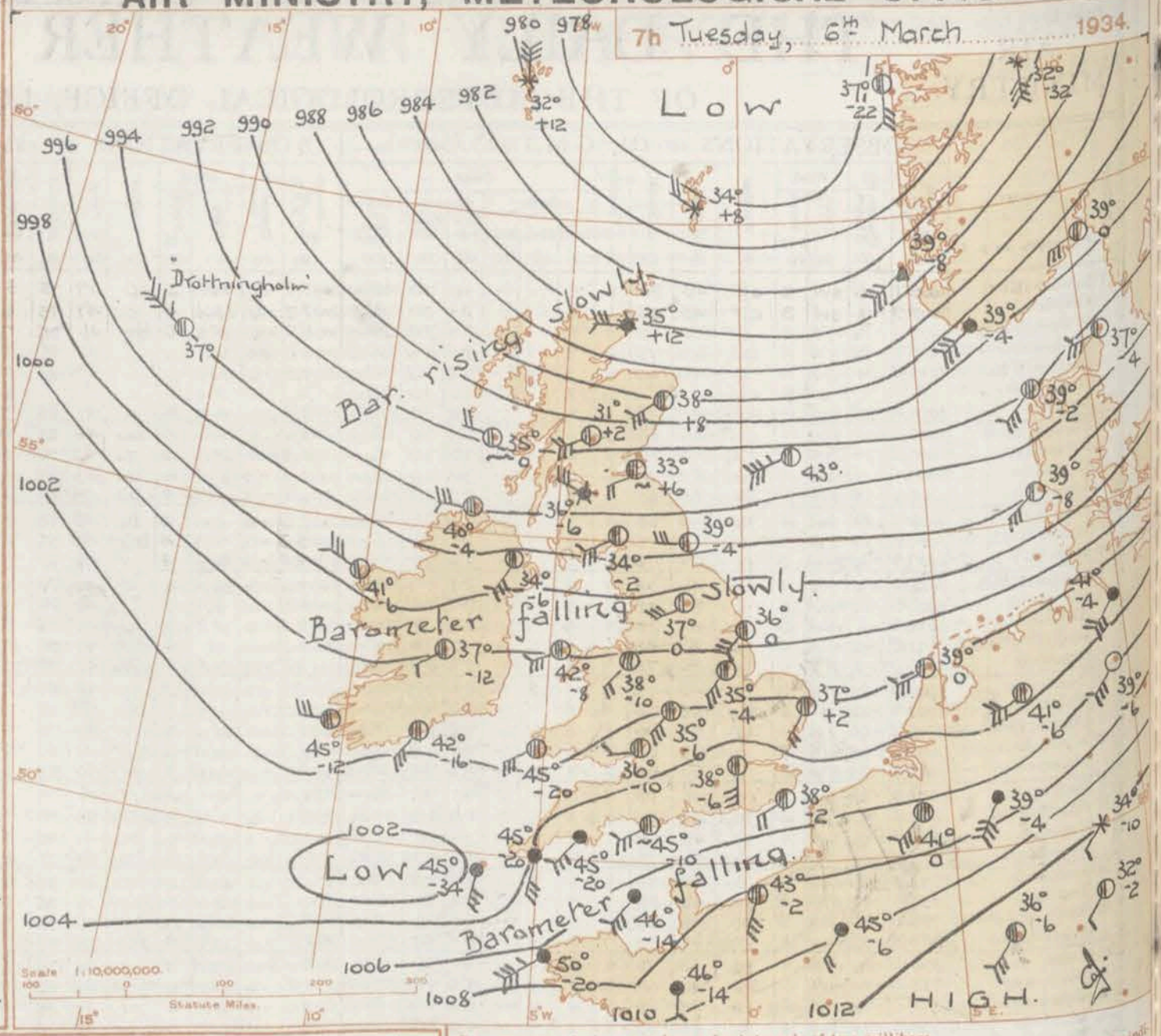
REPORTS from HEALTH RESORTS for 5th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 4½ to 9h. 5½	Temperature. Max. 9h.—17h. 5½	Rainfall. Night. 17h. 4½ to 9h. 5½	Rainfall. Day. 9h.—17h. 5½	Sunshine. Sunrise to 17h. 5½	Sunshine. Sunrise to Sunset. 4½
1	Tunbridge W.	odoc	bc	38	50	2	1	1·7	5·1
	Bournemouth	ocb	bc	41	53	3	-	5·0	3·0
	Ventnor ...	odmcb	bbc	41	49	3	Trace	3·4	4·3
	Southsea ...	orobu	bc	42	53	5	1	4·7	2·7
	Bognor Regis	robc	bcb	37	51	3	0·3	3·7	4·4
	Littlehampton	cdc	cboc	39	51	3	0·3	3·4	4·0
	Worthing ...	odo	cbcb	38	50	2	0·3	3·1	4·9
	Brighton ...	cre	bc	38	48	1	1	2·2	5·5
	Eastbourne†	dodo	doocbc	41	47	1	0·3	2·0	5·6
	Hastings† ...	odood	ocboc	41	47	0·4	1	1·7	6·1
	Folkestone ...	oido	oidbo	40	46	Trace	0·3	0·4	6·7
	Dover... ...	oidr	drbu	40	44	Trace	1	0·4	7·3
	Deal	d	doc	41	46	-	0·4	0·7	6·0
	Ramsgate ...	cd	cdboc	40	46	Trace	Trace	0·7	5·7
	Margate ...	cboc	cdobu	41	47	Trace	0·2	1·4	6·2
2	Southend ...	cor	orcb	40	46	1	0·3	1·7	5·0
	Maldon ...	dor	roc	38	48	0·3	2	1·0	4·1
	Clacton-on-Sea	cpc	cpc	37	43	1	1	0·0	3·0
	Dovercourt ...	sbc	ocbbc	39	44	2	3	0·0	4·6
	Lowestoft ...	cdobc	bcb	38	44	1	Trace	0·7	2·8
	Skegness ...	obc	bcro	39	51	1	0·2	4·0	2·7
	Mablethorpe	bcbc	bcpo	41	52	2	Trace	5·6	2·5
	Cleethorpes ...	bc	c	42	53	1	-	6·6	2·5
3	Leamington S.	bcc	cbo	42	52	2	-	4·5	1·5
4	Cheltenham†	cbcpo	bcpo	40	48	1	Trace	4·6	1·6
5	Bath	bcb	bbcu	43	53	2	-	5·9	1·4
	Weymouth ...	bcb	bbo	35	52	5	-	5·9	2·8
	Jersey ...	rcdcb	bcc	43	50	3	0·1	5·3	5·0
	Torquay ...	rtdw	bcdb	43	55	2	Trace	6·9	3·1
	Penzance ...	bbo	rboro	44	53	6	1	4·3	0·4
	St. Ives ...	bp	bp	42	51	5	1	4·6	0·3
	Bude	robc	bccbo	42	50	1	-	6·2	0·1
	Ilfracombe ...	bcb	bc	42	51	1	-	6·0	0·3
6	Aberystwyth	prbc	bcc	41	47	5	-	8·2	0·0
7	Llandudno ...	bc	bcprs	43	50	3	4	5·1	0·2
	Colwyn Bay...	bcbcb	bcrbu	43	52	1	2	3·7	0·1
	Rhyl	bbcc	prbc	41	52	3	1	5·1	0·6
8	Wallasey ...	bbc	bccr	39	52	1	0·3	4·4	0·6
	Southport‖ ...	bccoo	colrbo	41	49	1	2	3·7	0·3
	Blackpool ...	cboc	corc	42	49	-	2	4·1	0·4
	Morecambe ...	cbou	crbcp	42	43	0·3	1	-	0·0
9	Ilkley... ...	bcipr	PRHS	40	49	7	6	3·1	0·0
10	Berwick-on-T.	c	PRbc	40	47	-	1	1·9	1·3
11	Dunbar ...	bc	bcp	41	43	-	0·3	3·4	2·6
12	Troon... ...	rococ	rbcrh	39	45	0·3	1	1·3	3·0
	Douglas ...	bcpcir	cirpubcp	41	48	1	1	5·6	0·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 6th March 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th March, 1934.
1. S.E. England	Light or moderate wind, backing east and finally north to northwest; dull, rainy, probably clearing tomorrow; rather cold.
2. E. England...	Light variable wind; dull, rain at times, at any rate in southern part of districts; probably bright intervals tomorrow; moderate or rather low temperature.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light or moderate variable wind, finally northwest, fresh locally; dull, rainy; showery and bright intervals tomorrow; rather cold.
6. South Wales	Light or moderate west to northwest wind; showers of rain, hail or sleet, snow locally on high ground; rather cold, frost locally at night.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Moderate or fresh west to northwest wind; showers of rain, hail, sleet or snow; rather cold, frost at most places at night.
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	Light variable wind, freshening from northwest later; showers with local hail, bright intervals later; rather cold, frost locally at night.
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 3/10 clouded. ◑ Sky 4/10 to 7/10 clouded. ● Sky 8/10 to 10/10 clouded. ⊖ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog ≡ Mist T Thunder. ⚡ Thunderstorm. ∞ Slight haze.

SEA DISTURBANCE. ~~ Rough. ≈≈ High.

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

GENERAL INFERENCE.

A depression north of the Shetlands is moving slowly northeast. A secondary off Scilly will move quickly eastward up the English Channel, followed by another secondary further west. Considerable periods of rain are expected in Southern England, but over most of the country there will only be local showers. Snow showers will occur locally in the North.

FURTHER OUTLOOK.

Bright intervals, local wintry showers, becoming temporarily fair; rather cold, frost at night.

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,
6TH MARCH,
1934.

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

Tuesday, 6th March 1934.

No. 26402

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

Dist.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1006·3	+2	SW	S	pr	44	85	7	S	7	-	4·6	9	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1006·6	-2	WSW	3	b/F	39	95	7	S	-	-	Tr	Tr	450
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1003·2	0	SW's	3	bc	42	95	8	-	8	-	0	4·6	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1006·3	-2	W's	4	b	44	95	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1008·1	-4	W	4	c	46	95	7	S	-	-	9	9	2500
	Scilly (St. Mary's)	163	1008·2	-6	W	4	c/p	47	95	7	8	2	-	4·6	10	2500
	Guernsey	175	1009·6	0	W	2	b	45	95	7	-	-	-	0	0	-
6	Pembroke	142	1005·3	+4	W	3	bc	44	75	7	S	-	-	4·6	4·6	4000
7	Holyhead	26	1001·4	-2	W's	S	b	41	75	7	-	-	S	0	1	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	999·5	0	SW's	4	bc	38	85	7	-	2	-	0	2·3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	994·6	0	W	S	b	40	65	8	-	-	-	0	0	-
11	Inchkeith	190	991·9	+12	WSW	6	c	36	95	8	8	-	-	7·8	7·8	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	984·4	+10	W	5	bc/p/hr	39	75	78	7	7	-	4·6	4·6	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	981·8	+6	W	6	prs	36	95	8	9	1	1	4·6	7·8	1500
16	Lerwick	54	975·7	-14	W'N	S	bc	36	95	8	8	-	-	4·6	4·6	1500
17	Blacksod Point	18	1000·4	+2	WNW	7	c	43	65	7	9	-	-	4·6	4·6	800
18	Malin Head	52	994·7	0	SW	3	c/p/hr	39	95	7	6	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1004·7	-10	SW	4	c	45	85	8	4	-	-	9	9	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1004·3	-6	SW	2	c	39	95	6	-	7	7	0	10	-	1	*
1005·2	-6	S	3	c	38	95	7	5	7	8	1	9	2500	1	*
1004·2	-6	SW'W	3	c	39	95	7	5	7	8	Tr	9+	4000	1	*
1004·1	-10	SW'W	3	c	39	95	7	6	5	-	7·8	10	2500	1	*
1005·1	-14	SW	3	c	42	95	6	5	-	-	9+	9+	4000	1	1
*	*	SW	2	c	*	*	6	4	-	-	9+	9+	2500	*	2
1005·3	-2	WSW	2	c	38	95	6	5	-	-	9+	9+	2500	1	*
1004·4	0	SW	3	c	40	85	6	4	7	-	4·6	9+	4000	1	*
1004·0	0	WSW	1	3c	37	95	6	-	5	8	0	7·8	-	1	1
1003·1	+2	SW's	2	c	37	85	7	4	7	-	2·3	7·8	4000	1	3
1003·7	-2	SW	3	c	35	85	6	4	3	6	2·3	7·8	4000	1	*
1002·6	-6	SW	3	c	35	95	8	-	-	6	0	7·8	-	1	*
1003·7	-6	S	1	3c	34	95	6	-	-	2	0	9	-	1	*
1002·9	-10	W'S	1	c	36	95	7	5	-	6	7·8	9	4000	1	*
1004·2	-10	WSW	4	c	45	95	7	5	-	-	10	10	1500	1	4
1004·2	-20	SW	4	r c	45	95	7	5	2	-	4·6	10	800	1	3
1004·1	-20	SSW	3	pr c	45	95	7	5	-	-	10	10	1500	1	2
1002·9	-34	S'W	3	dd	45	95	7	5	-	-	10	10	800	1	3
1007·0	-14	SW	4	r c	46	95	7	5	-	-	10	10	2500	1	3
1001·7	-20	WSW	3	c	45	85	7	5	7	-	7·8	10	2500	1	2
999·3	-8	WSW	4	c	42	85	7	5	1	-	2·3	10	2500	1	2
1000·3	-10	SW	2	c	38	75	7	1	-	6	Tr	7·8	2500	1	*
999·5	-6	W	4	c	39	65	9	5	-	5	2·3	7·8	2500	1	*
999·4	-8	SW	3	3c	34	85	6	-	7	6	0	4·6	-	1	*
998·6	0	SW	3	c	37	85	7	6	4	2	2·3	7·8	2500	1	*
998·3	0	SW's	4	c	36	95	7	5	1	8	2·3	7·8	4000	0	2
997·1	-2	SW'W	4	c	40	75	8	2	-	6	2·3	7·8	2500	1	*
994·9	-4	W	3	bc	39	75	7	2	-	-	4·6	4·6	2500	1	2
992·0	+4	WSW	6	RR	38	95	7	9	-	-	9+	9+	1500	1	4
992·0	+6	SW	2	c/r	33	95	7	6	-	-	7·8	7·8	1500	6	*
993·7	-6	NW	3	r s	36	95	7	6	-	-	10	10	1500	1	*
994·6	-2	SW'W	4	c	34	95	6	5	-	-	9+	9+	800	7	*
991·7	0	W'N	2	bc/p/hr	35	95	6	8	7	3	4·6	4·6	1500	1	4
987·1	+14	WNW	3	hail	36	95	8	5	7	-	7·8	9	1500	1	1
990·2	+2	SW	5	bc	31	95	8	4	1	-	2·3	4·6	2500	9	*
988·3	+8	SW	4	c	38	75	7	-	-	8	0	7·8	-	0	2
983·9	+12	W	4	prs	35	95	8	9	1	-	4·6	7·8	1500	1	3
978·1	+8	W'N	2	ps	34	95	7	9	1	-	7·8	9	800	2	*
998·0	-6	WNW	4	bc	41	85	8	9	-	-	4·6	4·6	800	1	3
993·4	-4	W	4	c/p	40	95	7	6	-	-	9	9	1500	1	2
997·1	-6	SSW	4	c	34	95	8	5	-	8	7·8	9+	800	1	*
996·7	-4	W	2	bc	35	95	7	5	2	-	4·6	4·6	1500	0	1
1000·0	-12	SW	1	c/r	37	95	7	6	1	-	9	10	2500	1	*
1001·1	-12	W	3	c/p	45	75	8	5	1	-	7·8	9+	1500	1	3
1002·3	-16	SW	3	c	42	85	8	5	-	-	9	9	1500	1	3

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 5% Hrs. (36)
51	39	33	1	-	2·8
51	38	35	0·3	Tr	2·1
53	38	33	0·4	Tr	2·1
51	36	33	0·2	1	2·4
53	39	35	0·2	0·1	3·9
46	38	*	0·5	1	*
47	36	32	1	Tr	0·8
47	39	33	0·6	-	1·8
43	36	32	1	1	0·1
46	36	34	Tr	2	1·6
51	33	32	Tr	3	5·3
60	35	31	3	0·3	5·3
50	33	26	0·4	0·2	*
51	36	31	0·2	1	4·0
47	42	*	0·2	0·5	*
51	45	41	0·5	0·3	5·7
51	44	*	3	1	*
51	43	*	1	2	4·1
51	44	40	0·2	2	6·0
49	42	*	-	0·6	5·7
50	41	38	0·6	Tr	5·0
52	34	24	2	Tr	4·6
50	37	35	0·2	-	4·8
53	33	27	1	0·1	4·5
48	35	31	5	Tr	2·9
49	36	*	Tr	2	5·8
48	38	34	1	Tr	3·1
48	37	31	2	Tr	*
45	36	34	1	2	2·6
44	33	30	4	3	2·4
45	36	31	5	4	2·7
43	34	*	-	1	3·4
46	36	31	-	-	*
43	34	*	0·1	1	3·5
42	34	*	2	2	*
49	38	*	4	2	*
45	37	*	2	4	2·6
46	34	30	2	2	3·1
48	33	*	2	0·1	*
48	33	23	1	0·5	4·9
50	43	39	3	Tr	4·3
51	40	*	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.	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	cr s m	bc m	m b c b p c	51	39	33	1	-	2·8	*	*	6
Croydon	217	c r s d d r	b c m p r c	b c c p r c	51	38	35	0·3	Tr	2·1	*	*	6
Greenwich (Royal Observatory)	149	r c r	r r c p	b c b c	51	39	34	1	Tr	2·3	60	80	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2·0	*	*	*
Westminster (St. James' Park)	27	*	*	*	52	38	31	1		2·3	59	86	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	51	39	35	1	-	1·8	43	87	*
Camden Square	110	cr	c b c	*	51	39	36	1	-	*	*	84	*
Kensington	80	c o p b c	b c c	*	52	39	32	1	Tr	2·3	At 18h. 76	87	*
Hampstead Observatory	450	o r	b c p	0	50	37	30	1	Tr.	2·5		96	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 5th March

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1014·1	SSW	4	r r	45
Brussels	1010·7	SSW	6	d d	43
Berlin	1015·4	S	2	b	37
Zürich	1017·9	ESE	1	b	36
Rome	1004·9	NNE	4	0	50

7h. G.M.T. 6th March

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1009·4	SSW	2	d d	45
1006·2	SW	4	0	41
1009·0	S'W	5	c	34
1016·7	SE	2	b	27
1009·1	NE	3	c	45

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall Day. mm.	Rainfall Night. mm.
46	41	Tr	3
	41		2
46	34	-	Tr
43	27	-	Tr
		-	-

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·5	14h. 5½	Nil	12-5h. 6th

Kew Observatory. Max.	Time.	Min.	Time.
0·3	13h. 5th	0·1	3h. 6th

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.

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 7th March 1934.

No. 26403

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

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 (15)	Height of Base. (feet) (14)
1	London (Kew)	1000.0	-30	-	0	rr	44	85	4	6	-	-	10	10	1500
	Croydon	1000.7	-34	SW'S	2	r.r.	45	85	6	5	2	-	4-6	10	1500
	S. Farnborough	999.3	-34	S	3	rr	42	95	6	6	-	-	10	10	450
	Boscombe Down	998.8	-36	-	0	rr	40	95	6	6	-	-	10	10	450
	Calshot, S'thmtn	998.9	-46	ENE	3	rr	42	95	6	5	-	-	10	10	450
	Dungeness	*	*	SW	2	r.r.	*	*	4	5	-	*	10	10	800
	Lympne	1001.7	-30	SSW	4	rF	43	95	1	5	-	-	10	10	<150
2	Shoeburyness	1000.8	-14	SW	3	rr	45	85	6	6	2	-	4-6	9+	2500
	Felixstowe	1001.0	-22	SSW	3	r.r.	43	85	6	6	2	-	4-6	10	800
	Gorleston	1000.3	-24	SW'S	3	c	45	76	6	8	2	-	2-3	9	2500
	Cranwell	998.7	-22	SW	3	c	43	75	6	5	2	-	7-8	10	2500
3	Birmingham	999.6	-22	SSW	2	3.	42	86	5	6	2	-	4-6	10	1500
	Upper Heyford	999.7	-30	SSW	3	rr	41	95	6	6	2	-	9	10	800
4	Ross-on-Wye	999.0	-16	SW'W	2	r.r.	42	85	6	6	2	-	2-3	10	2500
5	Portland Bill	996.9	-48	SSW	4	rr	46	95	6	5	-	-	10	10	1500
	Plymouth	996.9	-40	NNW	3	d.d.	47	95	4	5	-	-	10	10	220
	The Lizard	997.7	-4	NW'W	3	c	46	95	8	8	4	1	4-6	7-8	2500
	Scilly (St. Mary's)	999.8	+12	N'E	5	jp	45	95	7	8	-	-	9	9	2500
	Guernsey	1000.9	-34	SW	6	rr	49	95	5	6	-	-	10	10	1500
6	Pembroke	998.4	-16	W	1	c	43	85	7	7	2	-	4-6	9+	4000
7	Holyhead	997.1	-10	W'S	4	c	46	75	7	5	-	-	9	9	7200
	Chester (Sealand)	997.9	-16	WSW	3	c	47	55	8	6	1	8	4-6	9+	4000
8	L'pool (Bidston)	997.3	-16	WNW	4	c	44	65	8	8	1	6	2-3	7-8	2500
	Manchester	997.0	-20	WSW	4	jp	44	65	7	8	1	-	7-8	9+	2500
9	Harrogate	997.8	-6	SW	3	c	42	65	7	3	1	-	2-3	10	2500
10	Spurn Head	997.3	-6	SW	4	c	43	85	6	5	2	-	7-8	9+	4000
	Catterick	995.5	-12	W	2	pr	41	86	8	9	6	3	7-8	7-8	2500
	Tynemouth	993.6	-6	W	3	bc	45	65	6	9	-	-	4-6	4-6	1500
11	Inchkeith	992.2	-4	SW	5	c	40	85	6	5	-	8	4-6	9	1500
12	Leuchars	991.2	-4	WSW	4	c	41	75	7	8	-	3	1	7-8	2500
	Renfrew (Abbotts'l)	993.2	-2	W	3	c/ps	39	85	8	8	-	1	4-6	7-8	1500
	Eskdalemuir	993.4	-6	WSW	4	psh	37	85	7	9	-	-	9	9	800
13A	Tiree	992.7	+10	N'W	3	jp	39	75	8	9	7	-	4-6	9+	800
13B	Stornoway	989.0	+4	WSW	2	rs	35	95	6	6	-	-	10	10	800
15	Dalwhinnie	991.9	+2	SW	3	is	32	95	4	4	-	-	10	10	450
	Aberdeen	988.6	+2	W'N	4	c	44	55	8	8	3	3	4-6	7-8	2500
	Wick	987.0	+14	W	4	bc	39	85	8	8	1	1	4-6	4-6	2500
16	Lerwick	981.7	+10	WNW	4	c/ps	37	85	7	9	1	-	7-8	9	800
17	Blacksod Point	999.6	+10	WNW	4	bc	44	75	8	9	-	-	4-6	4-6	1500
18	Malin Head	994.7	+12	W	3	c/r	39	95	7	6	8	-	7-8	9+	1500
	Aldergrove	996.1	-6	SW	5	jp	42	75	8	8	3	-	7-8	7-8	1500
	Donaghadee	995.0	-4	W	3	bc	44	65	7	8	3	-	4-6	4-6	1500
19	Birr Castle	999.4	-2	W	3	pr	46	65	8	3	-	-	9+	9+	2500
20	Valentia Obsy.	1002.1	+6	NW'W	4	bc/pr	47	65	8	8	-	-	2-3	2-3	1600
	Roches Point	1001.6	-4	NW	4	bc	45	85	8	3	-	-	4-6	4-6	1500

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

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)
996.8	0	NW	2	c	42	95	6	5	-	-	7-8	7-8	2500	1	*
997.1	-2	NW	1	f	41	95	2	6	-	-	10	10	<150	1	*
997.3	+12	N'W	1	jp	41	95	6	6	1	-	7-8	9	450	1	*
997.8	+24	NW	3	c/r	41	95	6	5	-	-	9+	9+	800	1	*
997.3	+18	NW	3	bc	41	85	6	6	3	-	1	2-3	2500	1	1
*	*	SW	5	RR	*	*	4	5	-	*	10	10	800	*	4
995.4	-32	NNW	4	DD	41	95	4	6	-	-	10	10	220	1	*
995.7	-18	WNW	2	r.r.	41	95	6	5	2	-	7-8	10	800	1	*
995.8	-24	N'E	2	c/r	40	95	6	6	2	-	7-8	10	1500	1	1
997.0	-14	-	0	ir.	40	95	6	6	-	-	10	10	1600	1	2
996.0	-12	SW	2	c	39	85	6	5	-	-	7-8	7-8	4000	1	*
997.3	-2	W	3	jp	42	75	6	8	-	-	4-6	4-6	2500	1	*
997.5	-8	W	2	bc	40	95	7	9	1	-	2-3	2-3	450	1	*
997.8	0	W	2	b	43	65	8	5	-	-	1	1	4000	1	*
999.0	+30	NNW	4	c	42	95	7	8	-	-	10	10	1500	1	3
1000.3	+26	NW'N	4	c	43	85	8	8	-	-	7-8	7-8	1500	1	2
1002.2	+16	NW'N	3	bc	44	85	8	8	8	-	4-6	4-6	2500	1	2
1002.8	+16	NW'N	4	c	44	85	8	8	-	3	4-6	7-8	2500	1	3
999.9	-10	NW	5	c	45	95	7	8	-	-	10	10	2500	2	4
998.1	-4	W	3	bc	46	85	7	5	2	-	4-6	4-6	4000	1	2
996.8	+6	W	4	bc/pr	40	85	7	6	-	-	4-6	4-6	800	1	2
996.6	0	W'N	4	pr	43	65	7	9	3	-	7-8	7-8	1500	1	*
995.7	-6	NW'N	4	jp	42	75	7	6	1	-	4-6	9+	1500	1	*
995.5	-2	WNW	4	bc	41	85	7	8	-	-	2-3	2-3	2500	1	*
994.6	-6	SW	3	b	37	85	7	3	-	-	1	1	2500	1	*
994.2	-6	SW'S	3	3.	42	85	5	6	2	-	4-6	9	1500	0	2
993.8	0	W'N	3	pr	38	85	8	8	6	3	4-6	9	2500	1	*
994.1	0	W	3	c/pr	37	95	6	6	-	-	7-8	7-8	1500	1	1
992.7	+6	W	5	c	37	85	8	8	6	-	4-6	7-8	1600	1	3
992.1	+12	W	3	jp	37	85	9	8	-	3	4-6	7-8	1500	1	*
993.9	+8	WNW	4	prs	37	75	8	8	-	6	7-8	7-8	1500	1	*
994.1	+10	NW	2	ps	34	85	9	9	-	3	7-8	7-8	1500	1	*
993.8	+6	NNW	6	bc/ps	37	95	8	8	4	3	4-6	4-6	800	1	5
989.6	+4	WNW	2	c	34	95	7	8	7	-	7-8	9+	1500	1	1
992.0	+2	W	4	bc	33	95	8	4	1	-	2-3	4-6	800	9	*
990.7	+14	WNW	3	jp	39	66	8	8	-	9	7-8	9	2500	0	1
988.8	+6	NW	3	c	35	95	8	9	7	1	4-6	7-8	1600	1	2
984.1	+12	NW	4	jp	36	75	8	8	-	-	4-6	4-6	1500	2	*
1001.9	+18	NW	4	bc	40	85	8	9	-	-	4-6	4-6	1500	1	3
996.1	+8	W'N	4	c/pkc	41	85	7	3	-	-	7-8	7-8	1600	1	2
997.8	+14	W	3	b	36	85	8	3	3	-	1	1	800	1	*
995.7	+4	WNW	3	bc	39	75	8	8	3	-	4-6	4-6	1500	1	2
1001.2	+14	WNW	2	bc	40	85	8	3	-	-	2-3	2-3	2500	1	*
1004.3	+18	N	5	bc	43	75	9	2	3	-	2-3	2-3	2500	1	3
1002.4	+16	N	4	bc	45	75	9	3	-	-	2-3	2-3	1500	1	3

PAST 24 HOURS.

Weather. 7h.–15h. 6th (37)	Weather. 13h.–18h. 6th (38)	Weather. 18h. 6th to 1h. 7th (39)	Weather. 1h.–7h. 7th (40)
corrm	orrc	cm.be	b bm.
cm.crr.m.	crr r.r.	ofcfbmm.	bm.x.
cor.orr	orrddc	cbc b	bx
cir.orr	orrdm	cm. b	bxm.
cm.orrm.	cdmbcm	bm.bx	bx
r	r	*	bc
cmoFFrr	rr FF	DDmbfm.	bm.x
cbccr.m	orr.m.	orr.bm.	bm.
bcm.crr3	orrrrm	cm. b	bbc b3.
c	cor.r.	oir.cbc	b bc
cm.	cprc	cpr bc	bc x
c	cp.	pc bc	bcb
crr.	r. pr	bc	bcbxv
cp.cir.	r.r.cbcc	bbc b	b
orr3.	orrc	b	bbc
orrddm	odd.mc	cb	bxv
oRrc	cbc	bc	bcx
rridc	c	cbc	bc
orr.r	orro	obcbw	bcwv
cm.ir.c	cm.bc	bcq	bcq bq
c ⊕	bcc KQ	bcb	bbc
c	pr.bcy	PRQbc	bccpr
bcc	bcc	PHc	cprh
bcxcm.	cbc	cph b	bxcprh
bcc	cb	bp	bccx
bc	c3	3bc	bcw
cpr pr	qpr pr	cbcbx	bcbVx
bc	bccprs	bcb	bbc
prc	cprsq	cbc	bcx
cjpcbc	cprq jp	bccbx	bxc
rscprs	cpr q	pcs bc	cis bc
prs cpsh	cps	ps bcx	ps bcbx
PSHrc	cpshbc	bcp q	Ppq
cprsc	cpr	cprs	cphps
is	is	*	bc
cbcy	bccjp	cbcb	bxc
prs bc	prsc	bc	prsc
cps	cbcprs	bcpsh	bcpshcphr
PHq	phcq	PHq	prhcq
cir	cph	bccph	bccph
cbccp.	bccPHq	cps.b	b
bc	pr bc	bcc	cirs
cpr	cphr	bcb	bxc
cprc	bcprbc	bcpr.	cbc
cbcpbc	bcph bc	bcVbcx	bcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

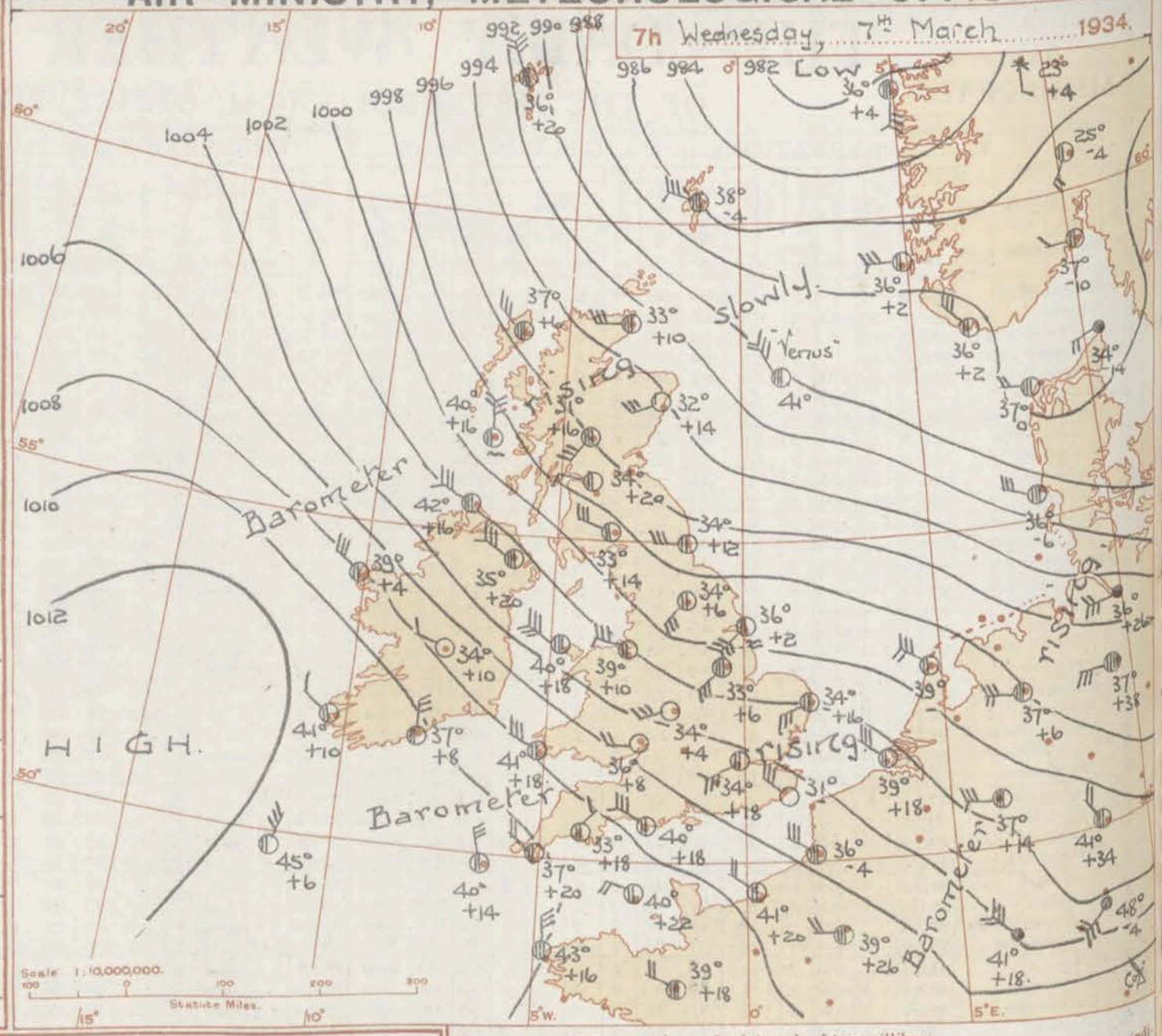
REPORTS from HEALTH RESORTS for 6th March 1934.

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.	ocor	oddm	37	47	-	7	0·2	1·7
	Bournemouth	r	roc	40	46	0·3	3	0·2	5·0
	Ventnor ...	rmom	orme	41	46	1	6	0·0	3·4
	Southsea ...	orr	oroc	42	47	-	10	0·0	4·7
	Bognor Regis	orr	rro	41	46	0·3	11	0·0	3·7
	Littlehampton	bccr	erc	38	46	Trace	11	0·0	3·5
	Worthing ...	or	rr	39	46	Trace	11	0·0	3·1
	Brighton ...	crc	crc	40	46	1	10	0·1	2·2
	Eastbourne†	orr	rr	41	47	1	13	0·0	2·0
	Hastings† ...	ofdr	ord	39	46	1	12	0·0	1·7
	Folkestone ...	xaod	orm	36	45	0·1	10	0·1	0·4
	Dover... ...	cofdr	fro	39	45	-	2	0·2	7·3
	Deal	foc	r	39	49	-	5	2·1	0·7
	Ramsgate ...	bcc	r	38	45	0·2	7	1·0	0·7
	Margate ...	bcc	crd	39	49	-	7	1·0	1·4
2	Southend ...	cor	orm	38	47	Trace	7	0·5	1·7
	Maldon ...	cor	rr	36	47	0·3	4	0·5	1·0
	Clacton-on-Sea	bcco	or	38	45	0·2	5	2·1	0·0
	Dovercourt ...	dbc	broc	36	46	2	4	2·2	0·0
	Lowestoft ...	bbcc	coir	34	47	1	2	2·6	0·7
	Skegness ...	bc	bcdo	33	44	3	Trace	0·9	4·0
	Mablethorpe	bcco	ocbc	35	45	3	-	0·3	5·6
	Cleethorpes...	co	o	33	48	3	-	0·1	6·6
3	Leamington S.	od	cp	38	43	0·3	1	0·3	4·5
4	Cheltenham†	oir	ircbc	36	44	3	3	0·3	4·6
5	Bath	crr	rrc	40	45	1	6	0·0	5·9
	Weymouth ...	r	rd	42	52	1	9	0·1	5·9
	Jersey ...	rc	rc	44	49	4	4	0·0	5·3
	Torquay ...	oro	orrbc	42	45	2	11	1·0	6·9
	Penzance ...	rorro	cbbc	43	51	8	6	1·3	4·3
	St. Ives ...	r	p	44	50	4	9	0·8	4·6
	Bude	r	rbbc	42	44	4	7	0·2	6·2
	Ilfracombe ...	rr	cbcb	42	44	3	5	0·8	6·4
6	Aberystwyth	c	bcc	41	46	0·3	-	2·2	8·2
7	Llandudno ...	c	bc	40	48	0·1	-	2·9	5·1
	Colwyn Bay...	obc	bc	38	47	0·3	-	1·2	3·7
	Rhyl	c	dbcc	38	48	-	-	1·7	5·1
8	Wallasey ...	cbc	bcb	37	47	-	-	1·8	4·4
	Southport‖ ...	oco	chcb	39	46	0·2	1	2·2	3·9
	Blackpool ...	c	bcplc	39	47	-	0·1	2·4	4·1
	Morecambe ...	bccb	cbcc	40	44	-	-	2·1	-
9	Ilkley... ...	c	clprh	35	46	0·3	Trace	1·2	3·1
10	Berwick-on-T.	clpro	c	35	44	1·0	0·3	5·2	1·9
11	Dunbar ...	bcps	cps	34	48	2	0·3	1·3	3·4
12	Troon... ...	hrsco	rsrs	35	45	5	5	1·2	1·3
	Douglas ...	cbcplc	cbcplc	36	45	0·5	1	3·6	5·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 7th March 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○Clear sky. ◔Sky less than 1/10 clouded. ◑Sky 1/10 to 5/10 clouded. ◕Sky 5/10 to 9/10 clouded. ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡Mist. TThunder. ⱿThunderstorm. coSlight 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. 7th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England	Moderate to light northwest wind, squally at times today; considerable bright intervals, local showers of rain, hail or sleet at first; rather cold, sharp ground frost at night.
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.	Moderate squally northwest wind, fresh locally at first; bright intervals, showers of rain, hail or sleet, with snow on high ground; becoming mainly fair temporarily; rather cold, sharp ground frost at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate to light northwest wind, backing south later and tending to freshen; fair apart from scattered showers; perhaps rain tomorrow; rather cold, sharp ground frost at most places at night.

GENERAL INFERENCE.

A wedge of high pressure off West Ireland is moving east. There will be showers at most places but bright intervals. A new depression is advancing on the Atlantic but is unlikely to become intense.

FURTHER OUTLOOK.

Unsettled in the Northwest; probably fair tomorrow in Southern and Eastern 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.

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

Morning of
Wednesday,
7th. MARCH,
1934.

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

Wednesday, 7th March 1934.

No. 26403

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

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	1001·9	+18	WSW	3	3o	36	95	6	5	-	-	Tr.	Tr.	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1001·4	+22	WNW	3	3o	35	95	6	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	997·8	+14	W'S	4	b	36	95	6	-	-	-	0	0	-
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1003·6	+16	NW	4	b	47	95	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1006·6	+10	NW	3	bc	39	85	8	7	-	-	2·3	2·3	4000
	Scilly (St. Mary's)	163	1007·3	+20	N'W	4	bc	43	75	8	2	-	-	2·3	2·3	2500
	Guernsey ...	175	1005·5	+20	W'N	1	bc	43	85	7	8	-	-	2·3	2·3	2500
6	Pembroke ...	142	1003·2	+20	WNW	3	q	41	75	7	5	6	-	2·3	4·6	4000
7	Holyhead ...	26	1001·4	+18	W'N	6	b	41	85	7	1	-	-	Tr.	Tr.	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	996·5	+6	W	6	bc	36	95	6	5	-	-	4·6	4·6	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	995·4	+14	NW	2	b	34	75	7	-	-	-	0	0	-
11	Inchkeith ...	190	994·2	+10	W	4	bc	35	85	6	5	-	3	2·3	2·3	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	993·9	+26	NW	2	c/prs	35	95	7	8	7	-	4·6	7·8	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	990·7	+8	WNW	3	bc	32	95	8	8	1	-	4·6	4·6	2500
16	Lerwick ...	54	986·4	+8	WNW	4	psh	38	65	8	8	-	-	2·3	2·3	1500
17	Blacksod Point	18	1007·0	+20	NW	6	q	40	85	7	9	-	-	2·3	2·3	450
18	Malin Head ...	52	1010	+12	W'N	4	bc/ph	39	95	7	3	-	-	2·3	2·3	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1008·7	+14	NW	4	pr	42	95	8	6	-	-	9+	9+	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1005·3	+18	~~SW~~ SW SW	3	b	33	85	6	-	-	8	0	1	-	4	*
1005·4	+18	SWW	4	bc	34	85	6	-	-	1	0	2-3	-	5	*
1005·9	+18	W'S	3	b	33	85	7	-	1	8	0	Tr.	-	4	*
1006·1	+12	W	4	3o	33	95	6	-	-	5	0	2-3	-	1	*
1006·5	+20	W'N	2	bc	33	85	8	-	-	1	0	2-3	-	1	0
*	*	WSW	3	bc	*	*	7	5	4	*	4-6	4-6	2500	*	2
1004·7	+14	W'N	3	b	31	95	6	-	-	1	0	1	-	4	*
1004·2	+20	WSW	3	b	34	85	5	-	1	-	0	Tr.	-	1	*
1002·9	+18	SW'W	2	b	34	85	6	-	-	8	0	1	-	1	0
1001·4	+16	WSW	3	bc	34	95	6	-	7	-	0	2-3	-	1	2
1001·1	+6	SW'W	3	c	33	85	7	5	-	-	7-8	7-8	4000	4	*
1003·8	+4	WSW	3	b	34	85	8	5	-	-	1	1	2500	1	*
1004·7	+8	W	3	b	32	95	8	-	-	5	0	Tr.	-	4	*
1005·4	+8	W	2	b	36	75	8	8	-	-	Tr.	Tr.	4000	1	*
1007·2	+18	NW	4	bc	40	85	8	4	-	-	4-6	4-6	2500	1	3
1008·8	+18	NE	1	bc	33	95	8	5	-	5	Tr.	2-3	2500	1	3
1009·9	+20	NW	2	bc	37	85	8	7	-	-	2-3	2-3	2500	4	2
1010·6	+14	NNW	3	bc	40	75	8	2	7	-	2-3	2-3	4000	1	2
1008·9	+22	NW	2	bc	40	85	9	8	-	8	4-6	4-6	2500	1	3
1007·5	+18	WNW	3	q	41	65	7	-	4	1	0	2-3	-	1	2
1003·8	+18	WNW	6	bc	40	85	8	5	-	-	2-3	2-3	1500	1	3
1002·4	+10	W'N	4	c	39	75	8	8	-	-	7-8	7-8	1500	1	*
1001·8	+6	NWW	6	c/pN(r)	39	75	8	3	-	-	7-8	7-8	1500	1	*
1000·4	+4	NWW	5	bc/pr	36	85	7	8	-	-	2-3	2-3	1500	1	*
998·3	+6	SW	3	bc	34	85	9	3	-	-	2-3	2-3	2500	1	*
998·2	+2	SW	6	bc	36	95	7	-	7	9	0	2-3	-	0	6
998·4	+12	WNW	4	bc	35	85	9	4	-	-	2-3	2-3	2500	0	*
997·1	+12	W	3	bc	34	85	7	2	-	-	2-3	2-3	2500	4	1
996·8	+18	WSW	4	bc	35	95	7	5	6	-	2-3	4-6	1500	0	2
996·6	+20	SW	1	b	29	85	9	8	-	3	1	1	4000	4	*
998·8	+20	WNW	1	bc	34	95	8	8	-	-	4-6	4-6	2500	7	*
998·3	+14	NWW	3	c	33	75	8	5	-	-	7-8	7-8	1600	46	
999·5	+16	N	5	bc/ph	40	75	7	8	-	3	4-6	4-6	1500	1	4
995·3	+6	NW	3	c/p(r)	37	75	8	5	6	-	4-6	7-8	1500	1	1
996·8	+16	SW	3	c	31	95	8	4	4	1	4-6	7-8	800	9	*
994·6	+14	SWW	3	b	32	85	7	-	7	3	0	1	-	0	1
992·5	+10	W	3	c	33	95	8	9	1	-	4-6	9	1600	6	2
985·3	-4	WNW	4	c/ph(r)	38	65	7	8	1	-	7-8	9+	800	6	*
1008·0	+4	NW	3	bc	39	85	8	9	-	-	2-3	2-3	1600	1	3
1001·5	+16	WNW	4	c/p	42	85	7	3	1	-	7-8	9+	1500	1	2
1003·5	+20	W'N	4	c/p	36	85	8	3	-	-	9+	9+	800	6	*
1002·3	+18	WNW	3	ir.	36	95	7	5	-	-	7-8	7-8	1500	1	2
1007·3	+10	WNW	1	b	34	95	8	-	-	-	0	0	-	1	*
1011·0	+10	NW	1	bc	41	75	8	8	-	-	4-6	4-6	2500	1	3
1010·2	+8	N	3	bc	37	85	8	5	-	-	2-3	2-3	1600	1	3

PAST 24 HOURS.

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 Day Hrs. (36)
46	35	28	7	-	0·1
47	33	30	7	Tr.	0·0
46	31	24	8	Tr.	0·0
43	30	27	10	-	0·0
45	32	26	10	-	*
46	30	*	10	Tr.	*
46	30	28	9	0·2	0·0
48	33	28	9	0·2	0·5
46	34	31	5	-	1·5
46	33	31	1	0·1	2·6
44	32	29	0·2	0·3	0·7
43	33	28	0·2	0·1	0·8
41	31	23	3	-	*
45	34	26	1	-	0·4
47	37	*	15	-	*
48	33	27	12	-	1·4
50	36	*	8	-	*
50	40	*	8	-	1·6
49	40	33	8	-	0·0
47	40	*	4	-	3·0
47	40	38	Tr.	-	2·5
47	36	31	Tr.	2	0·7
45	36	34	-	1	1·8
46	32	33	-	2	0·6
44	32	27	-	Tr.	0·3
44	35	*	-	-	0·1
44	33	26	1	-	1·2
45	33	28	1	-	*
41	34	31	2	-	0·5
45	28	22	0·1	-	4·3
43	30	22	3	0·5	1·3
41	30	27	2	0·1	2·8
44	34	32	0·3	1	2·4
38	33	*	3	2	0·1
36	27	23	6	-	3·6
47	30	24	-	-	3·9
42	31	*	0·3	0·6	*
39	34	*	4	2	2·0
46	36	*	0·3	2	*
43	35	*	4	3	3·2
44	33	24	1	1	3·7
46	33	*	0·3	1	*
48	32	24	0·6	-	4·4
48	38	34	1	0·3	4·7
48	35	*	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.	Weather Afternoon.	Weather Night. (24 hrs. ended 9h.)	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on Grass °F.	Rainfall Day. mm.	Rainfall Night. mm.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity 15h. G.M.T. % (Yesterday.)	Humidity 9h. G.M.T. % (To-day.)	Visibility 9h. (To-day.)
Kew	18	carrm	orrc	cm,bcm	46	33	28	7	-	0·1	*	*	6
Croydon	217	cm,cfc,m	crr r,c	ofc,fbm,	47	33	30	7	Tr.	0·0	*	*	7
Greenwich (Royal Observatory) ...	149	cr	rr r,cm	cmbc	48	32	26	7	Tr.	0·1	93	72	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	47	33	25	7		0·0	87	72	*
†Regents Pk. (Botanic Gardens) ...	129	*	*	*	47	32	29	7	0·4	0·0	96	86	*
Camden Square	110			*	46	33	29	7	-	*	*	75	*
Kensington	80	cor	cor	*	46	33	27	7	Tr.	0·0	At 18h. 93	87	*
Hampstead Observatory	450	cor	or	bcmzp	44	30	24	7	0·5	0·0	*	91	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 6th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 7th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1002·6	SSW	6	o	52	1006·6	W	2	c	39
Brussels	996·8	SSW	6	rr	48	1003·2	W	4	o	37
Berlin	1004·5	SSW	5	ir.	43	999·7	SW	7	c	45
Zürich	1012·6	S	1	ir.	41	1007·5	W	5	i.s	43
Rome	1011·9	NW	4	c	66	1014·7	NE	3	bc	41

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	39	1	3
52	36	3	9
46	39	Tr.	2
48	34	Tr.	1
*	*	-	-

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·8	21h 6m.	<0·3	24h 6m-7h 7m.

Kew Observatory. Max.	Time.	Min.	Time.
0·6	19h 6m.	<0·1	3h 7m.

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 31	m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 8th March 1934.

No. 26404

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

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)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	London (Kew)	1007.9	+2.4	WNW	3	c	45	45	8	2	-	9	9	9	2500
	Croydon	1008.0	+1.0	W	5	bc	44	55	7	8	-	-	4-6	4-6	4000
	S. Farnborough	1008.2	+.8	W	4	c	46	55	8	2	-	-	9	9	2500
	Boscombe Down	1009.2	+.8	WNW	5	c	45	55	7	2	-	-	7-8	7-8	4000
	Calshot, S'thmtn	1009.2	+1.0	WNW	5	bc	46	45	8	1	-	-	4-6	4-6	4000
	Dungeness	*	*	W	4	bc	*	*	6	8	-	*	4-6	4-6	2500
	Lympne	1007.6	+1.0	W'N	4	c	44	55	8	1	-	-	7-8	7-8	4000
2	Shoeburyness	1006.5	+1.6	WNW	5	c	46	55	7	7	-	-	7-8	7-8	2500
	Felixstowe	1005.4	+1.2	WNW	4	c	44	55	8	7	-	-	7-8	7-8	2500
	Gorleston	1003.4	+1.0	WNW	5	bc	42	75	6	2	-	-	4-6	4-6	2500
	Cranwell	1004.6	+1.6	W	4	c	42	65	7	8	-	-	7-8	7-8	2500
3	Birmingham	1007.1	+1.6	WNW	3	c|ps	43	55	7	9	-	-	7-8	7-8	2500
	Upper Heyford	1007.9	+1.6	WNW	6	q	45	65	8	8	-	-	4-6	4-6	2500
4	Ross-on-Wye	1008.7	+1.4	NW'N	4	bc	46	45	8	2	-	-	4-6	4-6	4000
5	Portland Bill	1010.2	+1.6	NW	4	bc	46	75	8	4	-	-	2-3	2-3	2500
	Plymouth	1012.0	+1.2	NW	4	bc	46	55	8	1	-	1	4-6	4-6	4000
	The Lizard	1013.3	+1.6	W'N	3	bc	47	75	8	8	1	-	2-3	4-6	4000
	Scilly (St. Mary's)	1013.7	+1.2	NW	3	bc	49	55	8	1	-	4	2-3	4-6	4000
	Guernsey	1012.4	+2.2	NW'W	5	bc	47	55	8	1	-	1	2-3	2-3	2500
6	Pembroke	1009.0	+1.8	W	2	bc	46	65	8	5	6	-	2-3	2-3	5700
7	Holyhead	1007.3	+1.4	WNW	5	bc	45	65	8	1	-	-	2-3	2-3	1500
	Chester (Sealand)	1007.2	+2.0	W'N	6	jp	44	65	8	2	-	3	4-6	4-6	2500
8	L'pool (Bidston)	1006.3	+1.6	NW	5	bc	41	75	8	3	-	-	4-6	4-6	2500
	Manchester	1005.4	+2.0	NW	5	q	43	65	8	8	-	-	4-6	4-6	2500
9	Harrogate	1002.6	+1.0	SW	3	b	43	55	9	8	-	-	1	1	2500
10	Spurn Head	1001.8	+.6	W'N	6	c	43	75	7	3	7	-	4-6	7-8	4000
	Catterick	1002.2	+1.6	W	5	b	45	45	8	1	6	-	Tr.	1	4000
	Tynemouth	1000.4	+1.6	WNW	4	bc	43	55	8	2	-	-	4-6	4-6	2500
11	Inchkeith	999.9	+1.0	W	5	c	40	75	8	8	-	-	7-8	7-8	4000
	Leuchars	999.1	+1.2	WNW	5	q	42	65	9	2	-	3	2-3	7-8	4000
12	Renfrew (Abbotsl)	1002.5	+1.8	WNW	5	c3	37	95	6	9	-	-	10	10	800
	Eskdalemuir	1001.2	+.2.0	WNW	5	bc	39	65	8	2	-	-	4-6	4-6	1500
13N	Tiree	1002.4	+.8	N'W	6	bc	44	55	8	2	4	-	4-6	4-6	1500
13W	Stornoway	998.7	+1.0	NW	3	ph(r)	41	65	8	8	6	-	4-6	7-8	1500
15	Dalwhinnie	1000.7	+2.0	NW	2	bc	35	95	8	4	4	-	4-6	4-6	1500
	Aberdeen	996.8	+1.0	W'N	5	c	40	55	8	8	-	3	2-3	7-8	4000
	Wick	995.1	+.6	WNW	4	prs	36	95	8	9	1	-	7-8	9	1500
16	Lerwick	988.8	+1.6	WNW	4	jp	37	85	7	9	-	-	7-8	7-8	1500
17	Blacksod Point	1010.9	+1.4	NW	4	bc	46	65	9	9	-	-	4-6	4-6	1500
18	Malin Head	1004.9	+1.2	NW	4	c	43	85	7	3	8	-	4-6	7-8	1500
	Aldergrove	1006.4	+.6	W	4	jp	41	75	9	8	-	3	4-6	4-6	1500
	Donaghadee	1006.0	+1.2	WNW	3	bc	41	75	8	8	3	-	4-6	4-6	1500
19	Birr Castle	1010.6	+.6	WNW	2	c	45	55	8	8	-	-	9	9	2500
20	Valentia Obsy.	1013.2	+.6	WNW	3	bc	46	65	9	2	-	1	2-3	2-3	2500
	Roches Point	1012.6	+1.2	N	3	bc jp	46	65	9	8	-	-	4-6	4-6	1500

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

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)
1007.9 1009.7	+1.4	W	3	bc	44	66	5	1	-	8	Tr.	2-3	4000	1	*
1009.8	+1.6	W	3	3.	44	45	6	2	4	9	1	4-6	4000	1	*
1010.3	+1.8	WNW	3	bc	43	55	8	-	3	1	0	2-3	-	1	*
1011.3	+2.0	WNW	3	c	40	75	7	-	-	6	0	7-8	-	1	*
1011.1	+1.6	W	3	bc	43	55	8	-	4	5	0	4-6	-	0	1
*	*	W	2	bc	*	*	7	4	-	*	2-3	2-3	2500	*	2
1009.7	+1.8	W	3	bc	41	55	8	4	-	1	2-3	4-6	4000	1	*
1008.8	+1.8	WNW	2	b	41	65	6	5	-	5	Tr.	1	4000	1	*
1007.9	+2.2	WNW	4	b	42	65	8	-	4	-	0	1	-	1	2
1005.7	+1.6	W'N	3	bc	44	65	6	8	-	-	2-3	2-3	2500	1	2
1007.4	+1.8	WSW	4	bc	38	75	7	4	-	-	2-3	2-3	4000	1	*
1009.6	+1.6	W	4	bc	41	65	7	4	-	-	2-3	2-3	2500	1	*
1010.0	+1.6	WNW	4	b	41	65	8	8	-	5	Tr.	1	2500	1	*
1010.8	+1.4	W	3	b	41	55	8 9 7 8	-	1 4	-	1	1	4000	1	*
1011.8	+1.2	NW	3	c	45	75	8	5	-	2	4-6	7-8	2500	1	3
1013.4	+2.0	NW	4	bc	45	65	8	1	3	-	2-3	2-3	4000	1	2
1014.2	+.4	W'N	3	bc	44	65	8	7	-	-	2-3	2-3	4000	1	2
1014.6	+.4	NW	2	bc	46	65	8	1	-	-	2-3	2-3	4000	1	2
1013.5	+1.0	W	3	bc	44	65	8	-	7	8	0	4-6	-	1	3
1010.2	0	WNW	3	bc	46	65	8	4	6	-	2-3	4-6	5700	1	2
1009.1	+1.6	WNW	4	jp	43	85	8	3	3	-	4-6	4-6	1500	1	2
1008.6	+1.2	W'N	4	jp	42	65	8	8	-	3	4-6	4-6	2500	1	*
1008.3	+.4	WNW	6	q	42	65	9	8	-	-	7-8	7-8	2500	1	*
1007.5	+1.0	WNW	4	jp	40	85	7	8	-	-	4-6	4-6	1500	1	*
1005.7	+2.0	SW	3	b	35	85	8	8	-	-	1	1	2500	1	*
1004.2	+1.0	W	7	c	40	85	7	5	7	-	4-6	7-8	4000	0	4
1004.6	+1.6	W	3	b	39	65	8	3	6	3	Tr.	Tr.	4000	0	*
1002.5	+2.4	WNW	5	bc	40	65	7	2	-	-	4-6	4-6	2500	1	2
1002.4	+1.6	W	4	bc	40	75	8	2	6	-	2-3	4-6	4000	0	2
1001.5	+1.8	WNW	4	bc	39	65	9	8	-	3	2-3	2-3	4000	1	*
1003.7	+1.4	WNW	4	b	36	85	8	3	-	-	1	1	1500	1	*
1003.5	+1.2	WNW	6	bc	35	75	8	2	-	-	4-6	4-6	1500	1	*
1004.6	+1.4	N'W	4	bc	42	65	9	8	-	-	2-3	2-3	1500	1	3
1001.3	+1.2	WSW	3	jp	36	95	8	8	6	-	2-3	4-6	2500	1	1
1002.8	+2.4	NW	3	bc	33	95	8	4	4	-	2-3	4-6	2500	9	*
999.7	+.2.0	W'N	5	b	38	75	7	8	-	-	1	1	1500 4000	0	1
997.3	+.8	WNW	3	c	37	95	8	9	1	1	4-6	7-8	1500	1	2
989.4	0	WNW	5	jp	38	85	7	9	7	-	7-8	9	800	1	*
1010.9	0	W	3	bc	42	85	9	9	-	-	4-6	4-6	1500	1	3
1006.6	+1.4	W	4	r	38	95	7	6	-	-	9+	9+	800	1	2
1007.9	+.8	W	3	jp	40	85	8	8	4	3	7-8	7-8	1500	1	*
1007.6	+.6	W	2	bc	41	75	8	8	3	-	4-6	4-6	1500	0	1
1011.2	+1.0	W	1	bc	44	65	8	8	4	-	2-3	4-6	2500	1	*
1013.1	+.2	SW'W	1	b	45	65	9	2	6	1	Tr.	1	2500	1	2
1012.6	+.4	N	3	bc	46	65	9	3	-	-	4-6	4-6	2500	1	2

PAST 24 HOURS.

Weather. 7h.–13h.	13h.–18h.	18h. 7th to 1h. 8th.	1h.–7h. 8th.
(37)	(38)	(39)	(40)
b3.cy	bc by	3.by	cm.x
bxm3bc	bcy	bcyb3.b	bm.x
b, cy	cybc bcy	bcycx	cx
bbc	bcy	bcb	bbccx
bxbcqy	bcy	bcybbx	bbcx
bc	bc	*	bc
bbcy	bcy	bcybm.	bm.bcx
bm bc3.	bcybm.	bm.	bcbx
b3.bcy	bcyc pq	b	bbcx
bccq	cprbc	bcb	bbcx
cp3 bc	cpr b	bm.	bm.
bc	cbc	bcb	bbc
bbcqy	bcqvy	bcb	bbccx
bbcp.bcy	bcyb	bvb	bxc
bbc	bcc	b	bcc
b3.bcy	cybc	bc	bccx
bc	bc	bcbw	bbcc
bcy	bc	bcb	bbcc
bc	bc	bcbw	bbc
bqbc	bc	b	bccpr.bc
bcb	bbc	bc	bcc
PRh bc	bcy	bcpro	bcc
qphbc	bcbqcv	bcbv	bvcv
bcq	phSqbc	cphbc	cprm.
bcb	bbcp	b	bccx
bcc	cpr.q	cbc	bccx
bvby	bybvb	bbcx	cxv
bcq	bcq	bcb	bbc
bcc	cbc	bcb	bccx
bcxvyq	bcvyq	bbvx	bbcvx
bccspr sh q	bcp.q b	prsbx	bxcor.o
cxbc	bcpsh ps	bcps.b	bcps irs.
bcpqbcpns	bc	bcb	cr.bgd
cpsh	bc prs	bcphrq	bcjpq
is bc	bc	*	bc
bxbcy	bcyb	b	b
ps prs	c prsc	prsqc	prsc
cPH rs	cphr	cirph	cphr
phrc	prc	prc	prc
cph	cpr	crr	cir.
bcc p.s q	bcphr.	bcpr.c	c
cprsbc	bc	c	c
bcy	cbc	bcb	bxo
prqbc	bcy bv	bbcc	pr.r.
bcv	bcv	bcvbx	bbccx

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.
g, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s., slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s./k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus,
R, heavy rain. r., slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ⩫ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

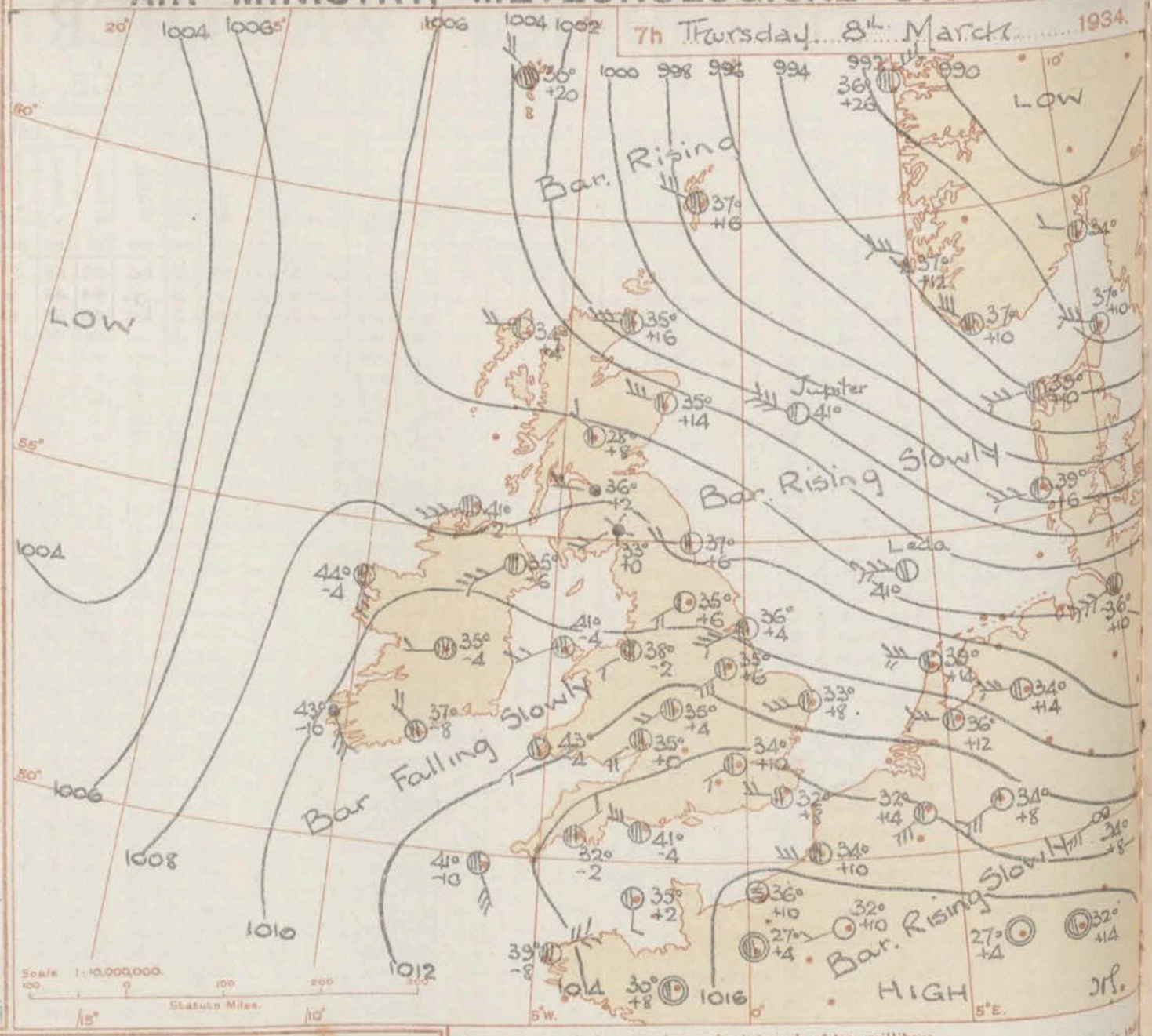
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

AIR MINISTRY, METEOROLOGICAL OFFICE.

REPORTS from HEALTH RESORTS for 7th March 1934.

Distr. No.	Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 6th to 9h. 7th.	Temperature. Max. 9h.–17h. 7th.	Rainfall. Night. 17h. 6th to 9h. 7th.	Rainfall. Day. 9h.–17h. 7th.	Sunshine. Sunrise to 17h. 7th.	Sunshine. Sunrise to Sunset. 6th.
1	Tunbridge W.	b	bcbcc	29	47	1	-	9.2	0.2
	Bournemouth	b	bbc	34	49	-	-	7.6	0.4
	Ventnor	bbc	bbc	34	49	-	-	8.9	0.0
	Southsea	b	b	33	49	0.3	-	9.3	0.0
	Bognor Regis	xb	bbc	33	49	-	-	8.5	0.0
	Littlehampton	bbc	bc	31	51	0.1	-	8.4	0.0
	Worthing	b	bcb	32	48	0.3	-	8.7	0.0
	Brighton	b	bc	34	48	0.2	-	8.3	0.1
	Eastbourne†	b	bcb	34	49	0.3	-	8.2	0.0
	Hastings†	xbc	bccbi	31	47	1	-	8.5	0.0
	Folkestone	xbc	b	33	47	2	-	8.0	0.1
	Dover	ybc	bcy	35	48	1	-	8.4	0.2
	Deal	b	bcc	34	49	2	-	8.4	2.1
	Ramsgate	b	b	33	47	0.4	-	9.1	1.0
	Margate	bcb	bbc	35	45	1	-	9.1	1.0
2	Southend	bbbc	cbc	32	49	1	-	6.7	0.5
	Maldon	bbc	bbc	32	47	0.3	-	8.1	0.5
	Clacton-on-Sea	bcbc	bc	33	46	1	-	8.3	2.1
	Dovercourt	xb	bcbbc	32	47	Trace	Trace	9.2	2.2
	Lowestoft	bbc	bcb	32	46	0.5	-	7.8	2.6
	Skegness	bc	bcb	35	46	0.1	-	8.0	0.9
	Mablethorpe	bcbm	bccb	31	46	-	-	8.8	0.3
	Cleethorpes	b	b	33	47	-	-	7.6	0.1
3	Leamington S.	bc	bc	32	47	-	-	7.0	0.5
4	Cheltenham†	bbc	bcbcb	31	48	-	Trace	6.0	0.5
5	Bath	b	bbc	33	49	-	-	9.0	0.0
	Weymouth	b	bbc	34	52	-	-	8.2	0.1
	Jersey	dcbc	bc	40	48	1	-	9.3	0.0
	Torquay	bw	bcby	31	49	-	-	8.7	1.2
	Penzance	b	b	37	51	-	-	9.2	1.5
	St. Ives	b	b	44	50	Trace	-	7.8	1.2
	Bude	bc	bc	41	47	Trace	-	9.1	0.1
	Ilfracombe	b	b	41	46	-	-	9.3	1.2
6	Aberystwyth	cbc	bc	40	46	0.3	-	8.4	2.2
7	Llandudno	bc	bbc	38	45	1	-	7.0	2.9
	Colwyn Bay	bcb	bcbz	37	47	2	-	5.9	1.2
	Rhyl	cbc	bcb	37	44	1	-	8.1	1.7
8	Wallasey	bcbc	bcb	38	46	1	-	7.9	1.8
	Southport	bcbc	bccbb	37	46	0.3	1	7.2	2.2
	Blackpool	cbb	bcbbc	36	45	2	1	7.0	2.4
	Morecambe	bccd	b	35	44	1	0.3	7.9	2.2
9	Ilkley	bbc	bprsh	33	45	1	1	7.4	1.2
10	Berwick-on-T.	bc	bc	31	44	-	-	9.3	3.2
11	Dunbar	bcx	bc	31	44	-	-	7.0	1.3
12	Troon	rshbc	rchbc	34	44	1	2	5.0	1.3
	Douglas	rcbcc	cbphc	35	45	1	Trace	8.5	3.6

† 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. 8th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind backing southeast, light or moderate; fair today, probably some rain tomorrow; moderate temperature.
5. S.W. England 6. South Wales	Light to moderate or fresh southeast wind; cloudy or dull, rain spreading from southwest; moderate temperature.
7. North Wales 8. N.W. England 9. N Midlands	As 1 - 4.
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable wind; mainly fair; perhaps local fog night and morning; moderate day temperature.
13. {A. W Scotld. B. N.W. Scotland.} 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate to light northwest to variable wind; mainly fair or fine, but local wintry showers at first; rather cold, frost at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate south to southeast or variable wind; cloudy, occasional rain; moderate temperature.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/2 clouded. ◕ Sky 1/2 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~~ Rough. ≈≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A small anticyclone over France is moving quickly eastward. A shallow trough of low pressure off our west and southwest coasts is advancing slowly. Some development is expected in the Bay of Biscay. Rain will spread slowly from southwest, but fair weather is probable in northeast districts.

FURTHER OUTLOOK.

Unsettled in most districts, perhaps fair in Scotland and Northeast England.

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

Forecasts issued at 1005 G.M.T.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 8 March 1934.

No. 26401

OBSERVATIONS at 1 hr. G.M.T. 8 March

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1013·1	+2	WSW	3	b	36	85	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	348	1013·1	+10	W'S	2	b	34	75	6	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1009·7	+16	WSW	3	b	36	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1014·3	+2	WNW	3	b	41	95	8	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1014·9	0	-	0	b	39	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1014·8	-4	SW	1	b	40	75	8	-	-	-	0	0	-
	Guernsey	175	1015·4	+2	-	0	b	38	85	8	-	-	-	0	0	-
6	Pembroke	142	1011·5	+8	W	2	bc	44	85	7	8	-	-	2·3	2·3	4000
7	Holyhead	26	1011·0	+6	W	4	bc	42	85	8	-	-	8	0	2·3	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1008·0	+6	WSW	5	bc	37	95	6	5	-	-	2·3	2·3	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1005·6	+14	W	3	b	35	75	7	-	-	-	0	0	-
11	Inchkeith	190	1006·1	+16	W	4	b	37	85	7	5	-	-	1	1	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1003·7	+10	W	3	be/ph	36	95	8	8	6	-	2·3	4·6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1000·7	+22	WNW	4	c	35	95	8	8	1	-	4·6	7·8	1500
16	Lerwick	54	995·1	+22	NW	4	c/ph	37	85	7	8	-	-	7·8	7·8	1500
17	Blacksod Point	18	1010·0	-6	W	3	b	43	85	8	9	-	-	1	1	800
18	Malin Head	52	1007·4	+2	WSW	3	ir	41	95	7	6	-	-	9+	9+	300
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1011·8	-6	SW	2	c	42	95	8	5	-	-	9	9	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 8 March

Distrct.	Stations.	Barom. at M.S.L. -mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1014.3	+8	S	1	c	32	95	5	-	2	7	0	10	-	4	*
	Croydon	1014.3	+10	SW	1	c	34	95	6	-	3	6	0	7-8	-	4	*
	S. Farnborough	1014.2	+8	-	0	c	32	95	7	-	7	-	0	9+	-	4	*
	Boscombe Down	1014.2	+8	S	1	c/g	32	95	7	-	1	-	0	9+	-	4	*
	Calshot (S'thmtn)	1014.8	+8	SSW	2	c	34	95	7	-	7	6	0	7-8	-	0	1
	Dungeness	*	*	WSW	2	b	*	*	7	5	-	*	1	1	2500	*	1
	Lympne	1014.5	+8	W	2	bc	32	95	7	-	-	4	0	4-6	-	1	*
2	Shoeburyness	1013.4	+6	W	3	bc	35	95	4	-	7	-	6	4-6	-	0	*
	Felixstowe	1012.4	+14	WNW	2	bc	36	85	7	-	3	6	0	4-6	-	1	0
	Gorleston	1011.2	+8	WSW	3	bc	33	95	6	-	5	-	0	4-6	-	4	2
	Cranwell	1011.5	+6	SW'W	3	c	35	85	6	4	-	-	7-8	7-8	4000	1	*
3	Birmingham	1012.6	+4	SW	2	c	35	95	8	-	-	6	0	9+	-	1	*
	Upper Heyford	1013.9	+8	SW	2	c	31	95	6	-	1	-	0	10	-	4	*
4	Ross-on-Wye	1013.0	0	SW	2	c	35	85	8	-	1	-	0	9+	-	1	*
5	Portland Bill	1014.1	-4	WNW	3	c	41	95	8	5	-	-	7-8	7-8	2500	1	3
	Plymouth	1014.6	-2	NE	1	c	32	95	8	7	-	2	1	7-8	2500	1	2
	The Lizard	1013.6	-4	SE	1	c	41	85	8	4	2	-	4-6	9+	2500	1	1
	Scilly (St. Mary's)	1012.9	-6	SSE	3	c	41	75	8	8	1	-	4-6	10	2500	1	2
	Guernsey	1015.6	+2	S	1	bc	35	95	8	1	-	8	1	4-6	4000	5	1
6	Pembroke	1011.7	-4	SW	1	bc	43	75	8	4	1	-	2-3	4-6	4000	1	1
7	Holyhead	1010.1	-4	WSW	2	c	41	85	8	5	-	7	4-6	10	1500	1	1
	Chester (Sealand)	1011.6	-2	SW'W	1	c	38	85	8	5	-	-	7-8	7-8	4000	1	*
8	L'pool (Bidston)	1011.3	0	W'N	3	c	40	75	9	5	1	-	1	9	2500	0	*
	Manchester	1011.0	+6	WSW	2	bc	37	95	5	5	1	-	Tr	10	1500	1	*
9	Harrogate	1009.6	+6	SW	2	c	36	95	9	-	2	-	0	10	-	1	*
10	Spurn Head	1009.3	+4	WSW	4	c	36	95	6	5	6	-	4-6	7-8	2500	1	2
	Catterick	1009.2	.	-	0	c	36	95	9	5	7	2	1	9	4000	4	*
	Tynemouth	1007.5	+6	W	2	bc	37	85	7	5	-	-	4-6	4-6	4000	1	1
11	Inchkeith	1007.2	+2	WSW	3	c	36	95	6	3	-	-	9+	9+	1500	0	2
	Leuchars	1006.3	+2	W	3	c	33	85	9	-	5	6	0	7-8	-	4	*
12	Renfrew (Abbotts I.)	1007.7	+2	W	2	c/o	36	95	8	5	-	-	10	10	2500	1	*
	Eskdalemuir	1008.1	0	SW'W	2	r5	33	95	6	5	-	-	10	10	450	6	*
13A	Tiree	1006.6	+2	WSW	1	o/d	37	95	8	5	-	-	10	10	1600	1	2
13B	Stornoway	1004.8	+4	W	2	bc/p	34	85	9	3	6	9	4-6	4-6	2500	1	1
15	Dalwhinnie	1007.2	+8	NW	1	bc	28	95	8	4	1	X1	2-3	4-6	4000	8	*
	Aberdeen	1004.8	+14	W'N	3	b	35	75	7	8	-	-	1	1	4000	0	1
	Wick	1003.3	+16	W	3	c	35	95	8	8	6	-	4-6	7-8	1500	1	2
16	Lerwick	997.3	+16	WNW	3	c/pr	37	85	8	8	2	-	4-6	7-8	1500	1	*
17	Blacksod Point	1008.6	-4	S	3	c	44	95	8	9	-	-	10	10	800	1	3
18	Malin Head	1007.0	-2	SW	3	c/p	41	95	7	6	7	9	2-3	9+	1500	2	1
	Aldergrove	1009.3	-6	SW'S	4	c	35	95	8	5	2	-	2-3	10	450	1	*
	Donaghadee	1009.1	+2	WSW	3	c	38	85	7	5	-	-	7-8	7-8	1500	0	1
19	Birr Castle	1010.9	-4	W	1	o	35	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.†	1010.0	-10	SSE	4	ir	43	85	7	6	1	-	9	10	1500	1	3
	Roches Point	1011.4	-8	NW	2	c	37	95	8	3	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 1m Hrs. (36)
1	London (Kew)	48	31	24	Tr.	Tr.	8.8
	Croydon	48	33	28	-	-	9.5
	S. Farnborough	49	29	21	-	Tr.	9.0
	Boscombe Down	47	30	25	-	-	9.4
	Calshot (S'thmtn)	47	31	21	-	-	9.0
	Dungeness	50	31	*	-	-	*
	Lympne	47	30	26	-	-	7.7
2	Shoeburyness	47	33	26	-	-	8.8
	Felixstowe	46	34	30	0.2	-	9.4
	Gorleston	46	32	30	Tr.	-	7.0
	Cranwell	45	33	31	Tr.	-	6.1
3	Birmingham	46	35	31	Tr.	-	7.4
	Upper Heyford	47	30	19	-	-	*
4	Ross-on-Wye	47	31	24	Tr.	-	8.8
5	Portland Bill	47	39	*	-	-	*
	Plymouth	48	30	27	-	-	9.2
	The Lizard	48	39	*	-	-	*
	Scilly (St. Mary's)	50	39	*	-	-	9.6
	Guernsey	47	35	26	-	-	9.6
6	Pembroke	47	41	*	-	-	9.2
7	Holyhead	46	41	38	-	-	8.8
	Chester (Sealand)	45	36	27	0.6	Tr.	6.3
8	L'pool (Bidston)	44	38	36	0.2	-	7.4
	Manchester	45	35	30	1	2	6.3
9	Harrogate	43	34	26	0.1	-	7.6
10	Spurn Head	43	36	*	Tr.	Tr.	7.8
	Catterick	45	30	23	-	-	9.6
	Tynemouth	44	34	29	-	-	*
11	Inchkeith	43	36	31	-	-	8.1
	Leuchars	43	28	21	-	-	7.6
12	Renfrew (Abbotts I.)	42	31	25	3	0.4	6.6
	Eskdalemuir	40	26	21	0.3	0.3	6.6
13A	Tiree	45	37	30	2	0.3	6.9
13B	Stornoway	43	33	*	2	0.6	5.0
15	Dalwhinnie	35	27	27	Tr.	-	7.1
	Aberdeen	42	34	29	-	-	3.7
	Wick	41	33	*	3	0.2	*
16	Lerwick	41	36	*	2	4	1.3
17	Blacksod Point	48	40	*	3	0.5	*
18	Malin Head	45	37	*	2	1.4	4.6
	Aldergrove	44	34	30	0.1	Tr.	6.1
	Donaghadee	46	33	*	2	-	*
19	Birr Castle	49	32	21	-	-	8.4
20	Valentia Obsy.†	47	37	33	2	0.6	8.3
	Roches Point	48	35	*	-	-	*

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.cy	bc by	3 by mx	48	31	24	Tr	Tr	8.8	*	*	5
Croydon	217	bc mz bc	bc y	bc y bc mx	48	33	28	-	-	9.5	*	*	6
Greenwich (Royal Observatory)	149	bc y	c by	bx cm	47	32	26	-	Tr	7.4	43	85	3
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.8	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	32	26	—		7.2	38	85	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	48	31	27	-	-	6.6	53	91	*
Camden Square	110	x bc	c bc b	*	48	33	27	-	-	*	*	89	*
Kensington	80	bb c	bc.	*	48	33	26	-	-	7.0	At 18h. 53	91	*
Hampstead Observatory	450	bc	bc	bc mx	47	31	23	-	Tr	7.2	*	99	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1.0	21h 7th	<0.3	24h 7th to 7h 8th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	18h 7th	<0.1	5h 8th

FOREIGN OBSERVATIONS.

18h. G.M.T. 7th March. 7h. G.M.T. 8th March.

Stations.	Barom. mb. (18h.)	Wind. Direc. (18h.)	Wind. Force. (18h.)	Weather. (18h.)	Temp. °F. (18h.)	Barom. mb. (7h.)	Wind. Direc. (7h.)	Wind. Force. (7h.)	Weather. (7h.)	Temp. °F. (7h.)
Paris	1012.3	W	3	bc	45	1017.0	WSW	1	b	32
Brussels	1008.8	WSW	3	bc	37	1014.0	SW	3	b	32
Berlin	1001.8	WSW	5	c/pr	37	1006.5	SW'W	4	c	37
Zürich	1012.2	NW	1	ss	34	1016.7	SW	1	m	32
Rome	1013.3	SSW	5	c	54	1010.9	S	4	bc	58

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	32	-	-
46	30	-	-
46	34	Tr	0.2
50	32	9	1
*	*	0.1	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6¼ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 9th March 1934.

No. 26405

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

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)	1013.5	-8	WSW	3	c	48	55	7	2	-	8	4-6	9+	4000
	Croydon	1013.6	-6	SW	3	c	48	55	7	4	-	6	2-3	10	2500
	S. Farnborough	1013.5	-6	SW'W	3	c	51	55	8	2	-	7	4-6	7-8	4000
	Boscombe Down	1013.5	-6	SSW	3	c	47	65	8	1	-	7	2-3	10	4000
	Calshot, S'thmtn	1014.4	-4	SSW	3	c	47	65	8	1	-	7	1	9+	4000
	Dungeness	*	*	WSW	2	c	*	*	7	4	7	*	2-3 7-8	7-8	1500
	Lympne	1014.4	-6	SSW	2	c	46	75	7	1	1	8	Tr.	10	4000
2	Shoeburyness	1013.7	-4	SW'S	2	c	47	65	6	-	7	7	0	10	-
	Felixstowe	1013.1	-2	SW	2	c	45	65	7	1	-	7	Tr.	10	2500
	Gorleston	1011.8	+2	SW'W	3	c	47	75	6	1	1	-	2-3	7-8	2500
	Cranwell	1011.6	-2	WSW	4	c	46	65	6	1	1	-	2-3	10	2500
3	Birmingham	1011.6	-2	WSW	3	c	46	65	8	8	-	-	7-8	7-8	2500
	Upper Heyford	1013.3	-6	SW'W	3	c	47	65	7	2	1	7	4-6	10	2500
4	Ross-on-Wye	1012.2	0	SW	3	c	47	55	7	9	-	7	4-6	10	2500
5	Portland Bill	1013.6	-6	WNW	3	bc	46	85	8	4	-	-	4-6	4-6	2500
	Plymouth	1012.9	-12	SE	3	c	45	65	8	7	-	7	7-8	10	2500
	The Lizard	1011.9	-6	SE'E	3	c	48	75	8	4	7	2	4-6	7-8	4000
	Scilly (St. Mary's)	1011.1	-14	SE'S	4	c	47	75	8	2	7	-	2-3	7-8	2500
	Guernsey	1014.1	-8	SE	2	c	46	65	8	8	1	8	4-6	7-8	4000
6	Pembroke	1011.3	-6	SW	3	c	44	75	7	5	-	7	7-8	10	2500
7	Holyhead	1010.6	-2	SW'W	4	c	46	75	8	4	1	-	Tr.	10	4000
	Chester (Sealand)	1011.6	-2	WSW	3	c	49	55	8	1	-	7	4-6	9	2500
8	L'pool (Bidston)	1011.5	-4	WNW	4	c	45	65	8	5	1	-	1	10	2500
	Manchester	1011.0	-2	WNW	5	c	46	65	8	8	-	8	4-6	7-8	1500
9	Harrogate	1009.9	0	SW	2	c	43	75	9	3	2	-	7-8	10	2500
10	Spurn Head	1010.1	0	WSW	4	3o	45	75	5	5	1	-	2-3	7-8	800
	Catterick	1009.5	+4	W'S	3	c	45	65	8	4	2	-	1	10	2500
	Tynemouth	1008.6	+4	NNW	2	o	40	85	6	6	-	-	10	10	1500
11	Inchkeith	1008.0	+2	SW	3	c	40	85	7	8	7	-	4-6	9+	2500
	Leuchars	1007.6	+8	WNW	2	c	44	55	8	2	3	8	2-3	9	4000
12	Renfrew (Abbotts L)	1008.0	-2	W'S	1	o/r	42	85	6	5	-	-	10	10	1500
	Eskdalemuir	1008.1	0	WSW	3	rs	41	85	8	5	1	-	7-8	10	1500
13A	Tiree	1007.4	+2	S'W	1	id.	44	85	9	5	7	-	7-8	9+	1500
13B	Stornoway	1006.7	+8	NW	2	bc	41	75	9	7	7	1	2-3	4-6	2500
15	Dalwhinnie	1008.1	+6	NW	2	bc	37	95	8	4	-	-	4-6	4-6	2500
	Aberdeen	1006.3	+10	WNW	3	bc	46	55	8	1	-	8	4-6	4-6	4000
	Wick	1004.8	+4	NW	3	bc	44	75	8	8	1	-	4-6	4-6	1500
16	Lerwick	1002.6	+20	N'W	4	c	41	65	8	8	3	-	4-6	7-8	1500
17	Blacksod Point	1007.5	-10	SW	2	c	45	95	7	9	-	-	9	9	460
18	Malin Head	1007.3	0	SW	3	pr	43	95	7	8	-	-	9+	9+	1500
	Aldergrove	1009.0	-6	SW'S	5	pr	45	75	8	8	9	2	2-3	9+	1500
	Donaghadee	1009.0	-2	WSW	3	bc	47	65	7	8	3	-	2-3	4-6	2500
19	Birr Castle	1009.9	-8	SW	2	c	49	55	8	5	-	7	1	10	2500
20	Valentia Obsy.	1009.4	-6	S'E	4	c	50	65	9	8	4	1	7-8	7-8	4000
	Roches Point	1011.6	-6	SW	3	c	47	65	8	5	-	-	7-8	7-8	2500

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

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)
1012.7	+2	SSW	3	bc	45	65	6	5	9	-	2-3	4-6	4000	1	*
1012.9	-2	S'W	3	c	43	75	6	4	7	8	Tr.	9	4000	1	*
1012.6	-2	SW's	2	c	42	75	7	-	1	7	0	10	-	1	*
1012.0	-2	S'E	2	c	40	85	7	-	1	6	0	9	-	0	*
1012.5	-10	-	0	c	42	85	8	-	7	7	0	9+	-	1	1
		SW	2	c			7	5	-	*	9	9	1500	*	1
1013.9	0	SW	2	c	40	85	8	-	1	-	0	9+	-	1	*
1012.6	-2	SSW	3	c	44	75	6	5	2	-	4-6	10	4000	1	*
1012.2	-6	S'W	2	3o	41	75	6	-	2	-	0	10	-	1	0
1012.0	+4	SSW	2	c	45	75	6	5	-	-	7-8	7-8	2500	0	2
1011.5	+4	SSW	2	ir.	41	75	7	5	2	-	2-3	10	4000	1	*
1011.5	0	WSW	1	pr	43	75	6	8	2	-	4-6	10	2500	1	*
1012.1	-4	SW	2	c	42	75	8	4	-	8	1	9	2500	1	*
1011.7	-4	SW	2	c	42	65	7	5	1	7	Tr	9+	4000	1	*
1011.6	-10	S	3	o	43	85	8	5	-	-	10	10	2600	1	3
1011.1	-4	E'S	3	c	43	65	8	6	2	7	Tr.	10	5700	1	2
1010.1	-4	SE	2	c	44	85	8	4	6	2	7-8	9+	2500	1	2
1009.5	-4	SSE	3	c	46	75	8	8	7	3	4-6	7-8	2500	1	2
1011.5	-10	E	1	c	45	65	8	8	1	8	4-6	10	4000	1	2
1009.4	-8	S	1	c	43	75	7	7	7	-	4-6	7-8	4000	1	2
1010.1	-2	SW'S	3	c	44	75	8	5	1	8	1	9+	2500	0	0
1011.7	+6	WSW	2	ir.	41	85	6	6	2	-	7-8	10	1500	1	*
1011.2	+2	W	3	ir.	41	85	8	6	2	-	7-8	10	1500	1	*
1010.6	+6	WSW	3	c	42	75	7	8	7	-	4-6	9+	1500	1	*
1010.2	0	SW	1	c	40	85	8	-	2	-	0	10	-	1	*
1009.8	0	SW'W	3	3o	42	85	5	5	-	-	10	10	1500	0	2
1009.5	+4	SW'W	2	c	41	76	8	3	7	-	1	10	2500	0	*
1007.9	+4	NE	1	ir	40	95	7	6	-	-	10	10	1500	1	1
1008.0	0	SW	3	3o	41	85	5	5	-	-	9+	9+	1500	0	1
1007.9	+10	NW	1	c	41	65	8	5	4	2	7-8	9	4000	1	*
1008.0	+4	WSW	1	ir.	41	95	6	5	2	-	7-8	10	1500	1	*
1008.3	+2	W'N	2	ir.	38	85	8	9	7	-	4-6	9+	1500	1	*
1007.1	0	SE'S	2	c	41	95	9	4	3	9	2-3	9	2500	1	1
1007.0	+4	-	0	bc	39	75	9	8	7	1	2-3	4-6	2500	1	0
-	+4	NW	1	c	35	95	8	4	1	-	4-6	7-8	4000	6	*
1007.5	+12	NW	2	bc	39	65	7	8	-	9	Tr.	2-3	4000	0	1
1006.3	+18	NW	2	c	39	95	8	8	7	-	4-6	7-8	1500	1	2
1005.9	+22	NNW	3	c	39	65	8	6	1	-	7-8	9	1500	1	*
1005.5	-6	S	3	c	46	95	8	8	-	-	10	10	800	1	3
1006.3	-4	S	1	c	44	95	8	5	2	-	9	10	1500	2	0
1008.6	-2	SE	1	ir.	41	95	8	6	2	-	4-6	10	1500	1	*
1008.8	0	SW	2	r.r.	41	85	7	6	-	-	9	9	800	1	1
1008.1	-6	SSW	2	c	49	65	8	5	7	-	7-8	9+	2600	0	*
1007.6	-4	S	4	c	47	75	9	5	-	-	9+	9+	2500	1	3
1009.5	-8	SW	3	bc	46	75	8	5	-	-	2-3	2-3	2500	0	3

PAST 24 HOURS.

Weather. 7h.–13h. 8th (37)	Weather. 13h.–18h. 8th (38)	Weather. 18h. 8th to 1h. 9th (39)	Weather. 1h.–7h. 9th (40)
c3o c	c	bj o	bFx
bc c m ⊕	c ⊕ y c m o	c-b m 3o	b c b f m x
c b c c y	c y c	c b, c	c b x F x
c x c 3 c	c	c b c b	b x m o
c	c y c	c b w b x	b x c m b c m o
bc	bc		c
c ⊕	c	c b w c	c m o
b, c m o	c	c m o	b c m
b c c 3o	c c 3o	c 3o	c 3 o c m
b c c	c	c b c c	c 3 o 3 o
b c m o c 3 o	c 3 o r o	c r o r c	b c f x
c b c	c p r h	c b c	b c b x
c	c	c b x	b x f g
c ⊕	c y c	c	b c b m x
c b c	b c o	c	c b c
c x m o ⊕	c	c	c b c w
c	c	c b c	b c w
c	c	c b c	c b c c
c	c	c o r r	o r r o
b c c	c	b c b	b b c c x m o
c	c	c b c b	b w
c ⊕	c i r o	r o c b m	b j F x
c v c	c c i r o	i n c b	b x b F
c m c	c p r o	c p r b c m	b F e x
c	c i r	c b	c i r o
3 c	3 o	3 b c	b c c w z
c	c	c b c b	b c c m o
b c o i r o	o i r h	o i r	o i r o m
c	c 3 o	c 3 o o e	r r c
b c x c v y	b c y v j p	c p r o b c m o	c x c i r o m o
r r o i r o	c m o i r o	c i r o m r r o	o m i r r r o
c r o s	c r r i r o	c i r o	c i r o c r
c i d o	c i d o	c i d o	c
b c	b c	b c	b, c
b c	b c		c
b b c y	b c y b	b b c	b c x
p r b c	b c p r	c	c
c p r y	c p r	c	c
p r h c	p r c	p r c	p r c
c p r	c p r	b c	b c c
c	c c r r o r	c r o p o b c	b c
c b c	c r o r o	c i d o c	c b c
o c	c	c b c	b c x c
c i r o c	c	c o i r o	o i r o c
c	c b c	b c	b c c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

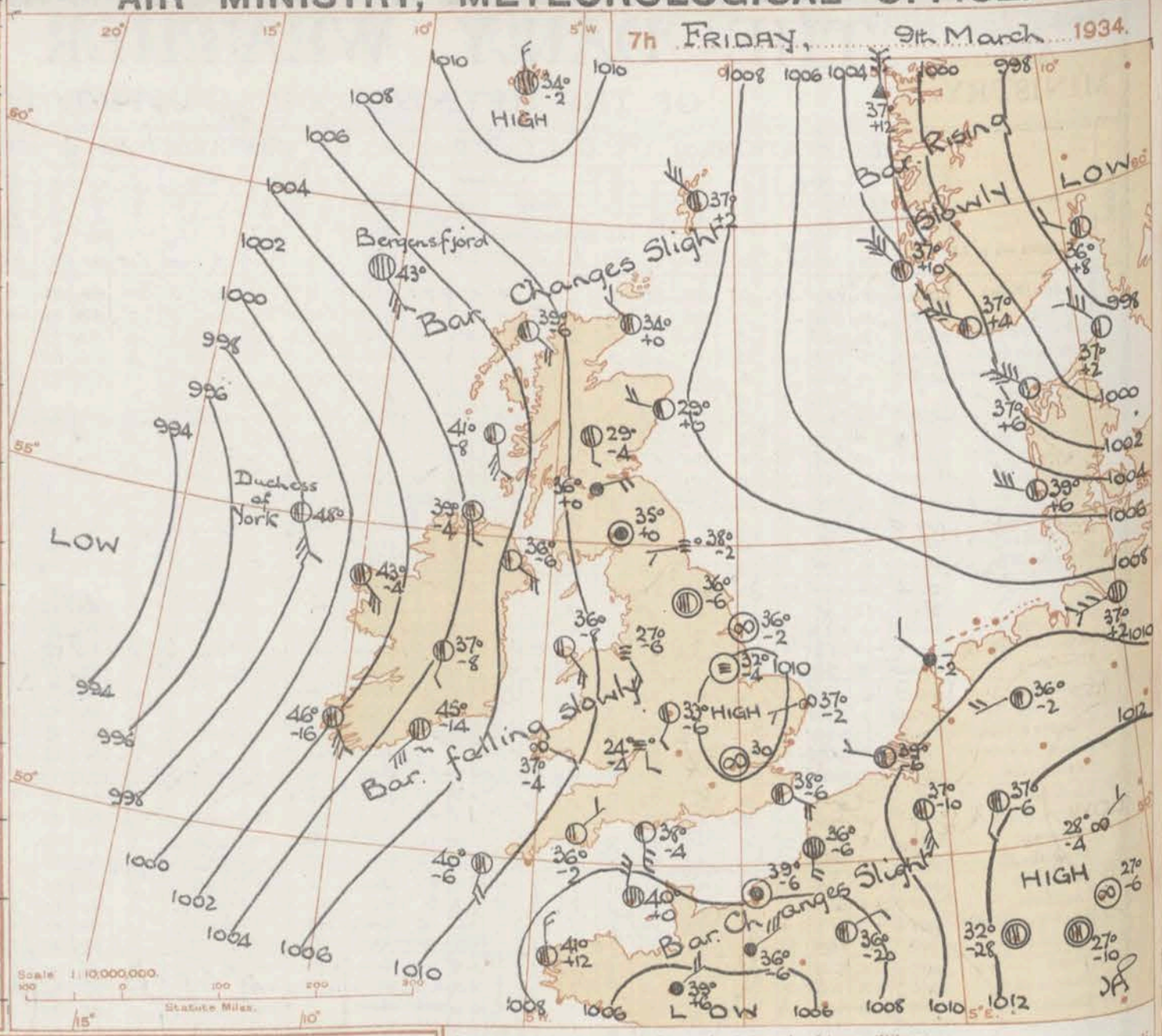
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 8th March 1934.

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 7th to 9h. 8th	Temperature. Max. 9h.—17h. 8th	Rainfall. Night. 17h. 7th to 9h. 8th	Rainfall. Day. 9h.—17h. 8th	Sunshine. Sunrise to 17h. 8th	Sunshine. Sunrise to Sunset. 7th
1	Tunbridge W.	dbec	co	26	49	–	–	3.0	9.2
	Bournemouth	oc	co	30	48	–	–	1.6	7.6
	Ventnor ...	ocbc	bccw	38	48	–	–	4.2	8.9
	Southsea ...	b	bcc	32	49	–	–	4.5	9.3
	Bognor Regis	bcb	bbcbc	33	46	–	–	4.9	8.5
	Littlehampton	bc	bcc	31	46	–	–	5.0	8.6
	Worthing ...	b	bbc	32	47	–	–	5.5	8.8
	Brighton ...	cbc	bc	32	46	–	–	5.9	8.6
	Eastbourne†	cbc	bcc	35	48	–	–	5.7	8.2
	Hastings† ...	cbcb	bbcc	32	46	Trace	–	5.0	8.5
	Folkestone ...	xbmbc	cbcc	32	46	–	–	2.8	8.0
	Dover... ...	co	oc	35	45	–	–	4.4	8.4
	Deal	co	o	34	49	–	–	3.6	8.4
	Ramsgate ...	bcc	c	33	48	–	–	0.9	9.1
	Margate ...	bcc	c	35	49	–	–	1.4	9.2
2	Southend ...	omc	co	33	50	Trace	–	0.8	6.7
	Maldon ...	c	co	33	49	–	–	0.0	8.2
	Clacton-on-Sea	bcc	cm	32	46	–	–	1.4	8.5
	Dovercourt ...	bcm	oc	33	47	–	–	3.0	9.2
	Lowestoft ...	b	bcc	30	50	–	–	6.9	7.8
	Skegness ...	b	bbc	35	46	–	–	3.6	8.0
	Mablethorpe	bc	bcco	32	48	–	–	2.1	8.8
	Cleethorpes ...	coc	co	32	47	–	–	2.0	7.6
3	Leamington S.	o	o	31	49	–	–	0.5	7.0
4	Cheltenham†	cm	cm	33	45	–	–	0.0	6.5
5	Bath	bbcc	c	32	48	–	–	1.8	9.4
	Weymouth ...	c	c	30	48	–	–	0.9	8.2
	Jersey ...	bc	bcc	39	49	–	–	6.2	9.3
	Torquay ...	bcmw	bcc	30	46	–	–	2.8	9.4
	Penzance ...	cb	bcc	33	49	–	–	2.5	9.7
	St. Ives ...	c	c	36	50	–	–	2.3	8.2
	Bude	c	bcc	31	49	–	–	1.5	9.5
	Ilfracombe ...	oc	c	39	48	–	–	0.6	10.0
6	Aberystwyth	c	c	38	45	–	–	0.0	8.9
7	Llandudno ...	c	cr	40	46	Trace	0.4	0.3	7.1
	Colwyn Bay...	obco	or	39	47	0.3	0.5	0.2	5.9
	Rhyl	c	cbror	37	47	–	0.6	0.3	8.3
8	Wallasey ...	cbc	bb	39	47	0.3	Trace	0.5	8.2
	Southport‖ ...	oc	ocb	40	46	0.2	–	1.2	7.2
	Blackpool ...	c	c	38	46	–	–	0.4	7.4
	Morecambe ...	o	cbccc	37	45	1	–	1.1	7.9
9	Ilkley	o	o	33	46	1	–	0.1	7.4
10	Berwick-on-T.	o	c	32	42	–	–	0.0	5.4
11	Dumbar ...	bcw	bc	33	44	–	–	1.1	7.0
12	Troon... ...	rbddd	rcoco	35	46	3	2	0.0	5.3
	Douglas ...	co	oc	37	45	Trace	–	0.0	8.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/5 clouded. ◑ Sky 1/5 to 3/5 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. 9th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable wind, becoming moderate south or southwest; fair today, probably some rain tomorrow; moderate temperature.
5. S.W. England 6. South Wales 7. North Wales	Moderate or fresh south to southwest wind, perhaps strong locally; cloudy, rain at times later; moderate temperature.
8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. {A. W Scotld. B. N W Scotland 14. Mid-Scotland	Light to moderate or fresh southeast wind; cloudy, occasional rain locally; moderate temperature.
15. N.E. Scotland 16. Orkneys and Shetlands.	Light variable wind, becoming moderate southeast; variable cloud, local showers; rather low to moderate temperature.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh southerly wind, variable tomorrow; cloudy, rain at times; moderate temperature.

GENERAL INFERENCE.

A small depression over France is moving east-north-east and a larger depression is approaching West Ireland. Weather will be fair at first except for local rain in Scotland. Rain will soon commence in West Ireland and spread slowly eastward over most of the country.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1005 G.M.T.

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

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

Morning of
Friday.
9th March.
1934.

LOW
HIGH
LOW
LOW
HIGH
LOW
HIGH
LOW

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

Friday, 9th March 1934.

No. 26405

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

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	1011·8	-8	SE	2	3o	35	75	6	-	-	6	0	2-3	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1011·8	-14	ESE	2	c	37	95	8	-	2	-	0	9+	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1011·3	-2	W'S	2	c	41	85	6	5	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1009·2	-12	ESE	3	bc	43	95	8	5	-	-	4·6	4·6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1008·7	-4	SE	3	bc	43	85	8	4	-	-	4·6	4·6	2500
	Scilly (St. Mary's)	163	1008·8	-4	SSE	2	bc	42	95	8	8	-	-	4·6	4·6	2500
	Guernsey	175	1009·7	-14	E	1	rr	41	85	6	6	-	-	10	10	1500
6	Pembroke	142	1007·8	-2	SSW	2	bc	42	85	7	7	-	-	2·3	2·3	4000
7	Holyhead	26	1009·0	-6	S'E	2	b	40	95	7	1	-	8	Tr.	1	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1010·1	0	WSW	3	bc	39	95	6	5	-	-	2·3	2·3	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1008·8	0	W	2	rar.	40	95	6	6	-	-	10	10	1500
11	Inchkeith	190	1009·0	0	N	1	ir	39	95	6	5	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1007·9	+2	SSE	3	bc	40	85	8	8	-	-	2·3	2·3	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1008·6	+4	NW	2	c	36	95	8	8	1	-	4·6	7·8	1500
16	Lerwick	54	1008·4	+8	NNW	3	c	37	65	9	5	2	-	4·6	9+	1500
17	Blacksod Point	18	1004·1	-12	S	3	c	45	95	7	9	-	-	9	9	450
18	Malin Head	52	1005·8	-6	S	1	bc	38	95	8	5	-	-	2·3	2·3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1006·0	-6	SW	4	id	44	95	7	5	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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	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)	1009·4	0	-	0	bF	30	95	1	-	-	1	0	1	-	4	*
	Croydon	1010·1	-2	-	0	3o	30	85	5	5	7	1	2-3	2-3	1500	1	*
	S. Farnborough	1009·6	-2	-	0	F	25	95	1	5	-	-	10	10	<150	4	*
	Boscombe Down	1008·9	-4	E	1	3o	31	95	6	7	-	1	2-3	2-3	1500	0	*
	Calshot (S'thmtn)	1008·9	-10	NW	2	bc	33	95	6	5	3	-	1	2-3	4000	0	1
	Dungeness	*	*	SE	2	c	*	*	7	8	-	*	9	9	1500	*	0
	Lympne	1009·3	-6	ESE	2	c	38	75	6	5	7	-	2-3	9+	2500	1	*
2	Shoeburyness	1009·5	-4	NNE	1	bc	32	95	4	-	3	1	0	4-6	-	0	*
	Felixstowe	1009·9	-10	-	0	m	35	95	4	-	3	8	0	7-8	-	1	0
	Gorleston	1009·8	-2	WSW	1	3o	37	85	6	5	-	-	7-8	7-8	2500	0	1
	Cranwell	1010·0	-4	-	0	bf	32	95	3	-	-	3	0	4-6	-	4	*
3	Birmingham	1009·6	-6	SSW	1	b	33	95	6	-	-	1	0	Tr	-	1	*
	Upper Heyford	1010·0	-6	NW	2	3o	29	95	5	-	3	-	0	1	-	4	*
4	Ross-on-Wye	1009·6	-4	S	1	m	24	95	4	-	1	1	0	2-3	-	4	*
5	Portland Bill	1008·0	-4	S	3	bc	38	95	8	4	-	-	4-6	4-6	2500	1	3
	Plymouth	1008·5	-2	NE	1	bc	36	95	7	5	-	-	4-6	4-6	1500	1	1
	The Lizard	1008·3	-2	ESE	3	bc	39	95	8	8	4	-	4-6	4-6	2500	1	2
	Scilly (St. Mary's)	1007·5	-6	S'W	2	c	40	95	8	8	-	9	4-6	7-8	2500	1	1
	Guernsey	1007·5	0	N'E	3	o	40	85	8	5	-	-	10	10	1500	2	2
6	Pembroke	1006·3	-4	ESE	1	3o	37	95	6	7	7	-	4-6	7-8	4000	1	2
7	Holyhead	1007·5	-8	SSE	2	bc	35	95	8	-	-	6	0	2-3	-	0	0
	Chester (Sealand)	1009·2	-6	SSE	2	F	27	95	1	5	-	-	10	10	<150	4	*
8	L'pool (Bidston)	1008·8	-6	-	0	bF	32	95	1	-	-	-	0	0	-	4	*
	Manchester	1009·2	-4	-	0	bF	27	95	0	-	-	-	0	0	-	4	*
9	Harrogate	1009·2	-6	-	0	c	36	95	5	6	3	-	4-6	9+	2500	1	*
10	Spurn Head	1009·1	-2	-	0	3o	36	95	5	5	2	8	4-6	7-8	800	1	1
	Catterick	1009·1	-2	S'E	1	c	35	95	5	5	-	-	9+	9+	4000	0	*
	Tynemouth	1008·6	-2	W	1	m	38	95	4	6	-	-	10	10	1500	1	1
11	Inchkeith	1009·1	0	E	1	c	37	95	7	5	2	-	4-6	10	1500	1	1
	Leuchars	1008·9	-2	-	0	ir	33	95	6	5	7	-	7-8	9+	4000	1	*
12	Renfrew (Abbotts I)	1008·3	0	E	2	ir	36	95	5	5	-	-	10	10	800	1	*
	Eskdalemuir	1008·1	0	-	0	rr	35	95	6	6	2	-	7-8	10	800	1	*
13A	Tiree	1005·1	-8	S'E	4	c	41	95	8	5	7	-	9	9+	1500	1	2
13B	Stornoway	1006·9	-6	ESE	2	c	39	75	9	5	6	-	4-6	7-8	2500	1	1
15	Dalwhinnie	1008·7	-4	S	1	c	29	95	8	4	2	-	4-6	9	2500	6	*
	Aberdeen	1007·9	0	WNW	2	bc	29	95	7	8	-	-	4-6	4-6	5700	4	1
	Wick	1008·5	0	NW	2	c	34	75	8	8	1	-	7-8	9+	1500	1	2
16	Lerwick	1009·2	+2	NNW	3	c	37	65	9	5	2	-	7-8	10	1500	0	*
17	Blacksod Point	1000·9	-12	SE	3	c	43	95	8	8	-	-	10	10	800	1	3
18	Malin Head	1003·8	-4	S'E	1	c	39	95	8	5	9	-	1	3+	1500	2	0
	Aldergrove	1006·8	-6	SE'E	2	bc	35	95	8	5	7	6	2-3	4-6	5700	1	*
	Donaghadee	1007·2	0	W	2	bc	37	95	8	5	3	-	2-3	4-6	1500	1	1
19	Birr Castle	1005·0	-8	SSW	1	c	37	95	7	5	-	-	9+	9+	2500	1	*
20	Valentia Obsy.†	1001·6	-16	SSE	4	c	46	95	8	5	-	-	10	10	1500	1	3
	Roches Point	1006·5	-14	SW	3	c	45	95	8	3	-	-	7-8	7-8	1500	0	4

PAST 24 HOURS.

District	Stations	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 8th Hrs.
		(31)	(32)	(33)	(34)	(35)	(36)
1	London (Kew)	49	30	22	-	-	3.9
	Croydon	49	30	25	-	-	2.4
	S. Farnborough	49	30	25	-	-	4.7
	Boscombe Down	51	25	20	-	Tr	4.7
	Calshot (S'thmtn)	48	28	25	-	0·1	*
	Dungeness	48	33	28	-	-	4.6
	Lympne	46	35	*	-	Tr	*
		48	35	26	-	Tr	2.3
2	Shoeburyness	50	31	24	-	-	0.4
	Felixstowe	46	33	27	-	-	2.9
	Gorleston	49	36	34	-	-	6.7
	Cranwell	47	32	27	Tr.	1	1.7
3	Birmingham	47	33	17	0·2	-	2.3
	Upper Heyford	48	27	17	-	-	*
4	Ross-on-Wye	47	24	17	-	-	0.3
5	Portland Bill	47	35	*	-	-	*
	Plymouth	46	36	30	-	-	2.4
	The Lizard	48	39	*	-	-	*
	Scilly (St. Mary's)	48	39	*	-	-	2.7
	Guernsey	48	40	38	-	5	5.4
6	Pembroke	46	36	*	-	-	0.0
7	Holyhead	46	35	31	-	-	0.0
	Chester (Sealand)	49	27	20	Tr.	Tr	0.7
8	L'pool (Bidston)	46	31	28	Tr.	0.2	0.2
	Manchester	48	27	23	Tr.	0.3	1.1
9	Harrogate	43	36	32	0.5	0.1	0.0
10	Spurn Head	45	35	*	-	Tr	0.3
	Catterick	45	33	29	-	-	0.0
	Tynemouth	41	37	36	4	3	*
11	Inchkeith	42	37	32	-	2	0.0
	Leuchars	47	32	27	-	Tr	2.1
12	Renfrew (Abbotts I)	43	36	35	1	2	0.0
	Eskdalemuir	42	35	34	2	2	0.1
13A	Tiree	44	38	35	Tr.	Tr	0.3
13B	Stornoway	46	33	*	Tr.	-	7.4
15	Dalwhinnie	39	24	20	-	-	1.7
	Aberdeen	45	28	22	-	-	9.4
	Wick	45	30	*	0.1	-	*
16	Lerwick	42	36	*	1	-	2.5
17	Blacksod Point	47	42	*	2	1	*
18	Malin Head	45	37	*	2	-	0.0
	Aldergrove	46	35	29	2	0.3	0.8
	Donaghadee	48	35	*	1	0.4	*
19	Birr Castle	49	35	25	-	-	1.0
20	Valentia Obsy.†	50	45	44	0.4	2	1.3
	Roches Point	48	44	*	-	-	*

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	c3oc	c	b3bFx	49	30	22	-	-	3.9	*	*	2
Croydon	217	bcm⊖	c⊖ycm⊖	cbnbfx	49	30	25	-	-	2.4	*	*	5
Greenwich (Royal Observatory)	149	c⊖y	c⊖y	cbxcbf	51	31	22	-	Tr	2.0	48	61	3
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.8	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	35	27	-		2.1	78	66	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	50	31	25	-	-	0.9	58	72	*
Camden Square	110	c	c	*	49	31	24	-	-	*	*	84	*
Kensington	80	bmbc	bcco	*	50	33	28	-	-	1.7	At 18h. 72	81	*
Hampstead Observatory	450	bc	bc	bcmx	49	34	24	-	-	2.5	*	77	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 8th March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 9th March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1013.3	-	0	c	45	1007.5	ENE	1	c	36
Brussels	1014.0	N	2	c	41	1010.2	SSE	3	c	37
Berlin	1009.5	W	·	ir	41					
Zürich	1015.9	SSE	1	bc	39	1013.2	ESE	1	if	28
Rome	1011.7	SSW	3	c	54	1013.8	SE	4	c	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
50	34	-	-
46	36	-	-
43		1	
48	27	-	Tr
x	x	-	-

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
1.0	23h 8h	<0.3	14h-15h 8h

Kew Observatory.

Max.	Time.	Min.	Time.
0.6	22h 8h	0.1	12h 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 ,,	6¼	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 10th March 1934.

No. 26406

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

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) ...	1007.6	-1.6	E	3	b	48	45	6	1	-	-	Tr.	Tr.	2500
	Croydon ...	1008.5	-1.0	E	2	bc	49	45	7	1	-	-	4-6	4-6	4000
	S. Farnborough	1007.6	-1.2	SE'S	3	bc	51	35	7	2	-	-	4-6	4-6	4000
	Boscombe Down	1008.8	-1.0	S	1	3o	45	75	6	2	-	-	7-8	7-8	4000
	Calshot, S'thmtn	1008.4	-0.4	SE'S	1	bc	46	65	7	8	-	-	4-6	4-6	4000
	Dungeness ...	*	*	SSE	1	bc	*	*	6	2	-	*	2-3	2-3	2500
	Lympne ...	1008.9	-0.2	SE	2	b	46	55	8	7	-	-	1	1	5700
2	Shoeburyness	1008.7	-0.4	E	2	b	47	65	6	2	-	-	1	1	4000
	Felixstowe ...	1009.0	-0.4	E'S	1	bc	45	75	7	2	-	1	2-3	2-3	2500
	Gorleston ...	1008.8	-0.2	NE'N	2	bc	44	75	6	4	6	-	4-6	4-6	2500
	Cranwell ...	1008.8	-0.8	E	1	3o	47	65	6	2	-	-	2-3	2-3	4000
3	Birmingham ...	1007.5	-0.8	SSE	2	bc	48	45	6	1	-	-	2-3	2-3	1500
	Upper Heyford	1007.9	-1.4	E	2	bc	48	55	7	1	-	1	2-3	4-6	4000
4	Ross-on-Wye ...	1007.3	-0.4	SE	3	bc	48	45	7	1	-	2	Tr.	2-3	5700
5	Portland Bill...	1007.9	-0.4	ESE	3	c	44	95	8	4	-	-	7-8	7-8	2500
	Plymouth ...	1007.0	-1.4	SE	4	c	47	65	8	1	3	1	4-6	7-8	4000
	The Lizard ...	1005.8	-2.0	ESE	3	bc	48	75	8	8	7	-	2-3	4-6	2500
	Scilly (St.Mary's)	1004.6	-1.8	SSE	5	c	46	75	8	4	2	-	4-6	9+	2500
	Guernsey ...	1008.3	0	SE'E	1	c	45	75	8	8	-	-	9+	9+	1500
6	Pembroke ...	1004.8	-0.8	S	3	c	46	65	7	7	7	-	4-6	7-8	4000
7	Holyhead ...	1005.6	-1.4	SSE	3	c	46	65	8	4	1	8	1	9+	4000
	Chester (Sealand)	1007.5	-1.6	SSE	3	bc	49	45	7	1	-	6	Tr.	4-6	4000
8	L'pool (Bidston)	1007.3	-1.0	S'E	3	bc	45	55	8	1	-	6	1	4-6	2500
	Manchester	1007.7	-1.2	S	2	bc	50	45	7	1	-	-	2-3	2-3	2500
9	Harrogate ...	1008.4	0	SSE	1	c	42	75	5	5	-	-	9+	9+	2500
10	Spurn Head ...	1008.5	0	SE'E	2	bc	46	75	6	5	-	-	4-6	4-6	1500
	Catterick ...	1008.1	-1.0	ESE	1	c	45	65	7	8	-	-	9	9	2500
	Tynemouth ...	1008.3	-0.4	SE	1	c	43	85	6	6	-	-	9	9	1500
11	Inchkeith ...	1008.7	-0.2	E	1	c	41	95	7	5	3	-	7-8	9+	1500
	Leuchars ...	1008.8	-0.2	ESE	2	c/d	41	85	7	5	1	-	9	10	1500
12	Renfrew (Abbotts l)	1007.3	-0.6	ENE	3	3o	41	85	5	5	-	-	10	10	2500
	Eskdalemuir ...	1007.4	-0.6	ESE	1	c	40	85	8	5	-	-	10	10	1500
13A	Tiree	1004.5	-0.4	S'E	5	c	46	85	7	5	3	-	4-6	9+	2500
13B	Stornoway ...	1006.4	-0.2	SE	3	c	42	65	9	5	6	-	4-6	7-8	2500
15	Dalwhinnie ...	1008.6	+0.4	S	3	c	36	95	7	4	4	-	7-8	9	1500
	Aberdeen ...	1008.8	-0.2	ESE	2	bc	45	65	6	8	-	-	2-3	2-3	4000
	Wick	1008.3	0	E	3	c	44	65	8	7	3	-	4-6	7-8	2500
16	Lerwick ...	1009.3	+0.2	N	3	c	39	56	9	5	2	-	7-8	10	1500
17	Blacksod Point	998.2	-1.4	SE	4	c	45	95	8	5	-	-	10	10	800
18	Malin Head ...	1002.2	-0.8	ESE	3	c	46	85	8	8	9	-	2-3	9	1500
	Aldergrove ...	1004.8	-1.2	SE	4	c	46	65	8	8	-	2	7-8	9+	2500
	Donaghadee ...	1005.3	-0.6	S	2	bc	46	85	8	8	3	-	4-6	4-6	1500
19	Birr Castle ...	1001.4	-2.2	SE	4	c	46	75	8	5	-	-	9+	9+	2500
20	Valentia Obsy.	996.6	-2.6	S'E	4	rr	47	85	7	6	2	-	4-6	10	1500
	Roches Point...	1001.1	-4.0	SW	5	ir.	47	85	7	6	-	-	10	10	1500

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

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1006.7	-2	SSE	3	bc	43	65	5	1	-	8	1	2-3	4000	1	*
	Croydon ...	1007.6	0	SSE	2	3o	43	75	6	5	5	6	1	7-8	5700	1	*
	S. Farnborough	1006.6	-4	S'E	4	c	43	65	6	-	1	6	0	7-8	-	1	*
	Boscombe Down	1005.9	-8	S	3	c	40	85	7	-	7	-	0	10	-	0	*
	Calshot, S'thmtn	1006.8	-1.0	SSE	3	c	42	75	7	-	-	6	0	9	-	0	1
	Dungeness ...	*	*	SW	1	bc	*	*	7	4	8	*	2-3	4-6	2500	*	1
	Lympne ...	1008.6	+6	SW'S	1	b	39	85	8	-	-	8	0	1	-	1	*
2	Shoeburyness	1007.7	-2	ESE	2	bc	39	75	6	-	-	5	0	2-3	-	1	*
	Felixstowe ...	1008.5	+4	-	0	3o	39	85	5	-	-	8	0	2-3	-	0	0
	Gorleston ...	1008.7	+4	SE'E	2	bc	41	85	6	4	3	-	2-3	4-6	2500	0	2
	Cranwell ...	1007.7	-2	E	1	b	41	85	6	-	-	1	0	Tr.	-	1	*
3	Birmingham ...	1005.7	-1.2	ESE	3	3o	45	45	5	-	-	6	0	4-6	-	1	*
	Upper Heyford	1006.4	-8	E	2	3o	40	75	5	8	-	-	10	10	<150	1	*
4	Ross-on-Wye ...	1005.1	-1.4	S'E	2	c	44	65	7	2	1	-	3 0	10	1500	1	*
5	Portland Bill...	1004.6	-1.2	SSE	4	c	42	85	7	5	-	-	10	10	1500	1	3
	Plymouth ...	1002.5	-3.0	SE	5	c	43	75	8	5	2	-	4-6	10	1500	1	3
	The Lizard ...	999.3	-4.0	SE	5	rr	43	95	7	6	-	-	10	10	1500	1	3
	Scilly (St.Mary's)	996.1	-4.2	SE'S	6	rr	45	95	6	9	-	-	10	10	1500	1	4
	Guernsey ...	1006.7	-2.0	SE'E	3	c	42	85	8	8	-	-	10	10	2500	1	2
6	Pembroke ...	999.5	-2.4	SSE	4	c	44	86	7	8	7	-	7-8	9+	2500	1	3
7	Holyhead ...	1002.7	-1.6	E'S	3	c	43	75	8	5	1	-	4-6	10	7200	0	0
	Chester (Sealand)	1005.1	-1.4	ESE	2	3o	41	75	5	4	3	8	2-3	7-8	4000	1	*
8	L'pool (Bidston)	1004.8	-1.0	SE	3	m	44	65	4	8	-	6	4-6	9	2500	0	*
	Manchester	1005.4	-0.8	SE'S	2	m	41	55	4	-	7	2	0	4-6	-	1	*
9	Harrogate ...	1007.0	-0.6	SE	2	bc	41	75	5	5	4	8	1	2-3	2500	1	*
10	Spurn Head ...	1007.4	-0.2	ESE	3	bc	40	95	7	5	2	-	2-3	4-6	4000	0	2
	Catterick ...	1006.9	0	SE'E	2	3o	40	85	6	5	3	-	2-3	7-8	4000	0	*
	Tynemouth ...	1007.2	-0.6	E	3	c	42	85	8	6	-	-	7-8	7-8	1500	1	2
11	Inchkeith ...	1007.4	+0.6	E	2	c	40	95	7	5	3	-	4-6	10	2500	0	2
	Leuchars ...	1007.7	0	ESE	2	c	40	85	7	5	2	-	9+	9+	2500	1	*
12	Renfrew (Abbotts l)	1005.5	-0.6	E'N	3	c/r	41	85	5	5	-	-	10	10	2500	1	*
	Eskdalemuir ...	1006.0	-0.2	ENE	3	c/pr	38	95	6	5	-	-	10	10	1500	1	*
13A	Tiree	1002.7	-0.6	SSE	5	3o	43	85	6	5	3	6	2-3	9	2500	0	3
13B	Stornoway ...	1005.3	-0.4	SE	3	c	43	75	9	5	7	9	4-6	7-8	4000	1	1
15	Dalwhinnie ...	1007.7	-0.4	S	3	c	35	95	7	4	2	-	4-6	10	800	6	*
	Aberdeen ...	1008.3	-0.2	SSE	2	c	40	75	6	7	-	-	7-8	7-8	4000	0	1
	Wick	1007.9	-0.4	E	3	bc	42	65	8	8	3	-	2-3	4-6	2500	1	2
16	Lerwick ...	1009.1	0	N	3	c	37	75	8	8	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	994.9	-3.2	ESE	6	ir	45	95	7	9	-	-	10	10	450	1	4
18	Malin Head ...	1000.2	-0.8	ESE	3	c	43	95	8	5	9	-	1	9+	1500	1	0
	Aldergrove ...	1002.6	-1.2	ESE	4	3o	41	75	8	5	4	2	1	9+	4000	1	*
	Donaghadee ...	1003.1	-0.8	SSE	4	bc	44	65	8	6	-	-	4-6	4-6	1500	0	3
19	Birr Castle ...	997.8	-1.8	SE	3	r.	44	95	7	6	-	-	10	10	1500	1	*
20	Valentia Obsy.	990.2	-2.8	ESE	4	rr	47	85	7	6	2	-	7-8	10	1500	1	3
	Roches Point...	995.8	-3.4	SE	7	rr	44	86	6	6	-	-	10	10	1500	1	6

PAST 24 HOURS.

Weather. 7h.–13h. 9th (37)	13h.–18h. 9th (38)	18h. 9th to 1h. 10th (39)	1h.–7h. 10th (40)
bFby	bc3o	0z.	orcm.
bc3.bc	bcby3.	c,bm.c3.	crr.do
Fbmfbby	beybc3o	co	odd.rd.
bcxm.	bc3.c	c	corrbom.
bmbc	bcbbc	c.	corrc
bc	bc		r
c3.bc	by	b,cm.	cm.orrdd
bm.	bm.	bm.bcm.	oir.m.
cmb3.y	b bc3o	bcz.cz.	cz.or.
cbc3.3o	bc3.3o	bcb3.w	owcq
bc Fb	by	bbc.mcr	corrs.m
bbc	bc	c	cosrs
bbcy	bcy3o	bcc	crrd.
Fbmby3.	bcycy	co	rrcr.
bcc	c	orr	rrz.c
bcm.b	bcvc	corRm.	cbc
bc	bccrr	rrcbcpr	cprlc
c	crr	tirp.	bccpq
coc	cbcc	orR.c	bcb
c	cm.c	cqm.rrc	PRQm.c
bc	cyc	c	rrr.a
Ffbc	ybc3o	bccm.	orrm.
Ffbbc	bcbmc	cmbbc	cqorrh
bFxbcy	bcybc3	bcyzm	corsrs
c	cbc	b.cb	co
3fbc	bc	bcw	bcc
cm.c	c c3o	bcz.b	bbcoir.
omc	c	cbc	bco
c	c	c	c
cr.mid.	c	co	ocr.c
om.mc	crmm.r.	cm.	cm.
r.oc	c cpr	cbc	bcc
c	c,3o	cz.bc	bcc
c	c	cbc	bcc
bcxby3.	bbc3o	bccz.	cbcz.
c	cbc	cphpr	c
c	c	bcc	cbcphc
iRc	irqc	cR	ir
c	c	bcc3.	z
bcc	c	cz.	cor.rm.
bc	bc	bccq	cqir.
c	cor.	or.r	orr
cir.rr	crr	orrirc	cpr.b
coir.	orr	orrc	cirbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

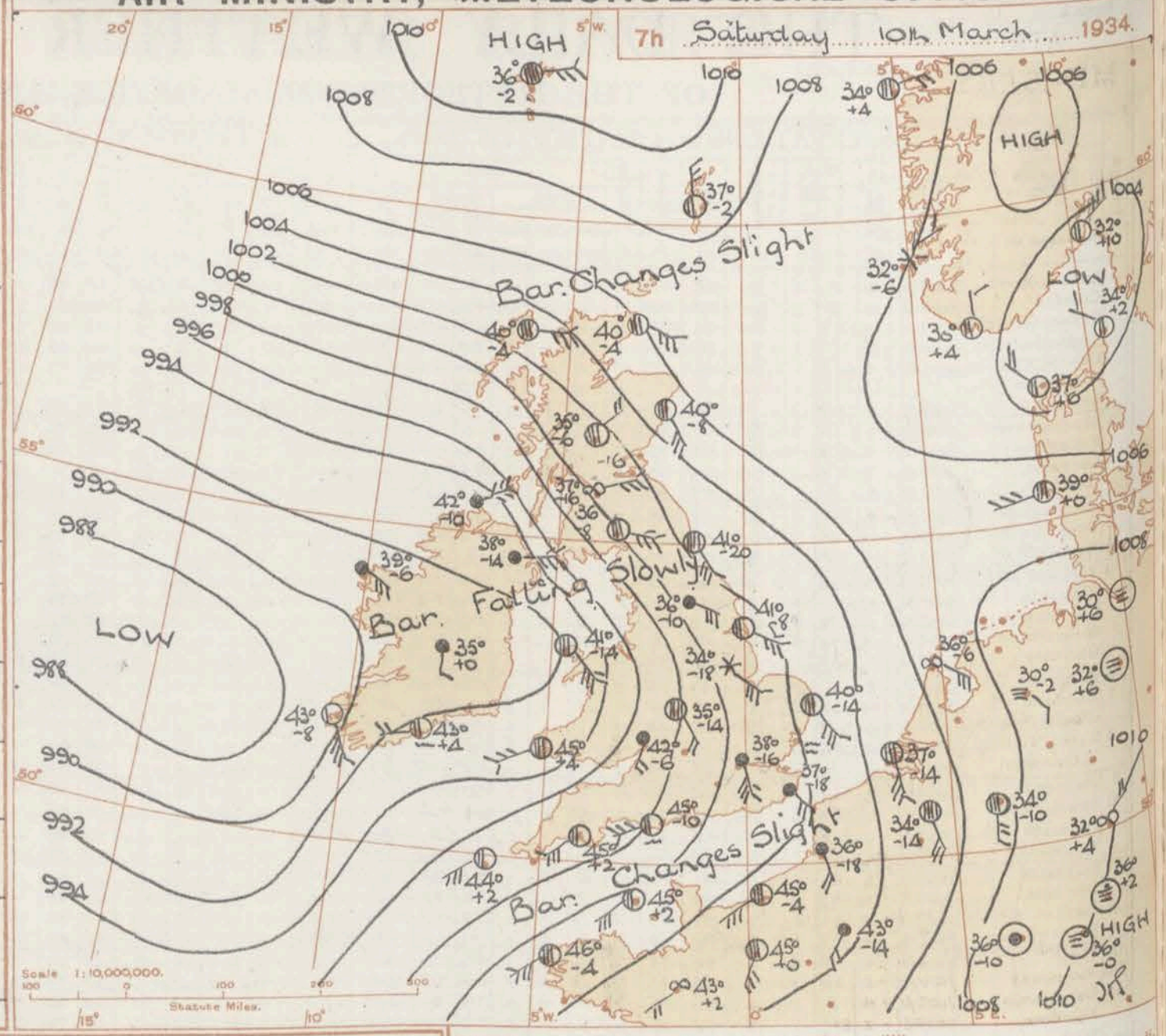
REPORTS from HEALTH RESORTS for 9th March 1934.

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.	bcb	bcb	29	50	-	-	6.6	3.0
	Bournemouth	b	bbc	33	49	-	-	7.4	1.6
	Ventnor ...	b	bbc	39	50	-	-	8.4	4.2
	Southsea ...	bbc	bcb	36	50	-	-	6.0	4.5
	Bognor Regis	b	bbc.bc	37	47	-	-	7.1	4.9
	Littlehampton	bc	bc	35	50	-	-	6.1	5.0
	Worthing ...	bbc	bcb	35	48	-	-	6.1	5.5
	Brighton ...	b	b	36	48	-	-	6.8	5.9
	Eastbourne†	cbcb	b	35	48	Trace	-	7.1	5.7
	Hastings† ...	bcb	b	37	47	-	-	7.0	5.0
	Folkestone ...	x.bcb	b	34	48	-	-	7.5	2.8
	Dover... ...	ybcb	by	34	49	-	-	8.3	4.4
	Deal	cob	b	34	50	-	-	7.1	3.6
	Ramsgate ...	cmb	b	36	47	-	-	6.9	0.9
	Margate ...	cbc	bc	37	48	-	-	7.4	1.4
2	Southend ...	bz	bbcbz	35	51	-	-	8.3	0.8
	Maldon ...	mb	b	32	49	-	-	8.7	0.0
	Clacton-on-Sea	bc	bcb	35	46	-	-	9.3	1.4
	Dovercourt ...	bm	b	34	48	-	-	8.6	3.0
	Lowestoft ...	bzbc	bcz	34	46	-	-	4.5	0.9
	Skegness ...	b	b	38	44	-	-	7.2	3.6
	Mablethorpe	bcbm	bbc	32	45	Trace	-	7.5	2.1
	Cleethorpes...	omc	c	35	46	Trace	-	4.1	2.0
3	Leamington S.	bc	bc	26	51	-	-	7.3	0.5
4	Cheltenham†	bcfb	bbccz	28	50	-	-	9.0	0.0
5	Bath	b	bx	29	49	-	-	6.1	1.8
	Weymouth ...	b	bc	33	48	-	-	4.1	0.9
	Jersey ...	rcbc	bcc	39	48	11	-	3.0	6.2
	Torquay ...	bwm	bcceq	35	47	-	-	4.5	2.8
	Penzance ...	bbcb	cr	40	49	-	Trace	3.2	2.6
	St. Ives ...	b	c	39	48	-	-	3.4	2.3
	Buda	b	bcc	30	49	Trace	-	6.0	1.1
	Ilfracombe ...	b	bbc	32	49	-	-	6.2	0.6
6	Aberystwyth	xbc	bcc	32	49	-	-	7.3	0.0
7	Llandudno ...	bc	bcc	33	51	Trace	-	7.5	0.3
	Colwyn Bay...	bcbcb	bcbcc	31	51	0.3	-	8.3	0.2
	Rhyl	b	bbc	30	50	0.5	-	8.4	0.3
8	Wallasey ...	fbc	bcb	33	50	-	-	7.1	1.2
	Southport‖ ...	fb	bbc	30	50	-	-	6.8	1.2
	Blackpool ...	cbcb	bcc	32	49	-	-	7.1	0.4
	Morecambe ...	cbcmb	cbbco	35	46	3	-	4.1	1.1
9	Ilkley... ...	c	c	33	43	-	-	0.6	0.1
10	Berwick-on-T.	o	o	35	41	2	-	0.0	0.0
11	Dunbar ...	emr	bc	36	45	2	-	1.7	1.1
12	Troon... ...	rcfo	cfoc	36	46	1	Trace	0.2	0.0
	Douglas ...	xcb	cbc	37	46	5	-	7.6	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 Saturday 10th March 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th March, 1934.
1. S.E. England	Moderate or fresh southwest to south wind; showers, heavy locally with hail, but bright intervals; moderate temperature.
2. E. England...	Wind veering southwest, moderate; dull with slight rain at first, then bright intervals and showers; temperature rising to moderate.
3. E. Midlands	
4. W. Midlands	As 1.
5. S.W. England	Moderate or fresh southwest wind, backing south or southeast and becoming strong later; showers, heavy locally, but bright intervals; probably general rain tomorrow; moderate temperature.
6. South Wales	
7. North Wales	As 1.
8. N.W. England	Fresh east wind, becoming variable, light; dull, rain or sleet; bright intervals locally later; local morning fog; rather cold.
9. N Midlands	
10. N.E England	
11. S.E. Scotland	Fresh or strong east wind; dull, rainy; rather cold.
12. S.W. Scotland & Isle of Man	
13. A. W Scotld. / B. N.W. Scotland.	Fresh east wind; cloudy or variable sky; rather cold.
14. Mid-Scotland	Fresh east wind; cloudy, local showers of rain or sleet; rather cold.
15. N.E. Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	Fresh east wind; dull, rain at times; rather cold.
18. N.E. Ireland	
19. S.E. Ireland	Moderate or light variable wind; occasional rain with local hail but bright intervals; moderate temperature.
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.

A rather deep depression is centred off West Ireland and a secondary trough is moving northeast over England. Another depression far out on the Atlantic is likely to advance quickly on the south side of the main centre. Weather will be generally unsettled but there will be bright intervals in the South.

FURTHER OUTLOOK.

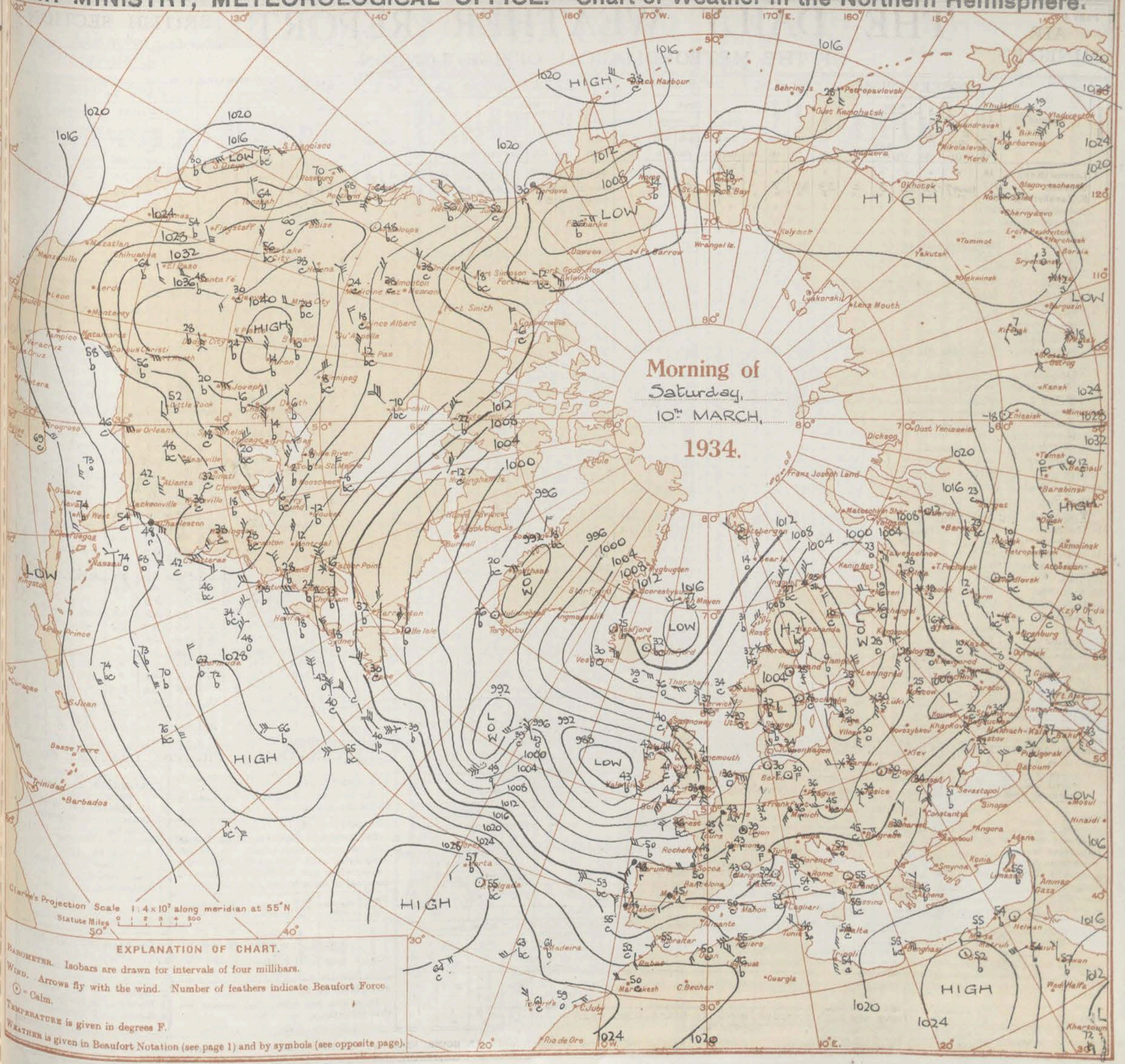
Unsettled for some days; rain at times generally except possibly in Northwest Scotland.

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. Fp. 749/2707. 9m.41.2.600. 6a.906.23140 3/34.

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 10th March 1934.

No. 26406

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

Dist.	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1004.7	-.2	SE	3	c	39	85	7	-	2	-	0	10	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1005.3	-.4	SE	3	3o	38	95	6	-	2	-	0	9+	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1007.3	-.9	SE'E	4	o	40	95	7	6	-	-	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	999.4	-.2.6	SE	6	r	41	95	6	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	997.0	+.6	SW'W	6	bc/pr	46	95	7	8	-	-	4-6	4-6	1500
	Scilly (St. Mary's)	163	996.4	+.10	WSW	5	/6	45	85	8	2	-	-	Tr	Tr	2500
	Guernsey	175	1000.0	-.18	SSW	4	bc	46	95	7	8	-	-	4-6	4-6	2500
6	Pembroke	142	992.9	-.30	SE	5	r	42	95	6	6	-	-	10	10	1500
7	Holyhead	26	996.2	-.34	ESE	4	c	44	95	7	5	-	-	10	10	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1004.9	-.8	ESE	5	bc	40	95	6	5	2	-	2-3	4-6	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1005.4	-.14	SSE	3	bc	40	85	7	2	-	-	4-6	4-6	2500
11	Inchkeith	190	1005.5	-.16	E	1	c	40	95	8	5	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts Ll)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1004.9	-.2	SE	3	bc	41	75	8	8	6	-	2-3	2-3	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1006.7	-.8	SE	4	c	41	95	8	8	1	-	4-6	7-8	1500
16	Lerwick	54	1009.2	0	N'W	2	c	35	85	8	8	1	-	4-6	7-8	1500
17	Blacksod Point	18	992.5	-.24	ESE	3	c	41	85	7	5	-	-	10	10	450
18	Malin Head	52	996.9	-.12	E	4	3o	44	95	6	5	-	-	10	10	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	999.1	-.6	S'W	6	c/r	45	95	7	9	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dist.	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	999.5	-.12	SE'E	3	o/r	39	95	5	5	2	-	9	10	1500	1	*
	Croydon	1000.3	-.16	SSE	5	c/r	38	95	6	6	3	-	7-8	9	450	1	*
	S. Farnborough	998.7	-.6	S'E	4	o/d	39	95	6	5	-	-	10	10	450	1	*
	Boscombe Down	997.9	+.4	SW	2	bc	38	95	6	8	-	-	4-6	4-6	2500	1	*
	Calshot (S'thmtn)	999.1	0	SW'S	2	bc	43	95	6	5	7	-	2-3	4-6	800	1	2
	Dungeness	*	*	SE	4	rr	*	*	6	6	2	*	4-6	10	800	*	3
	Lympne	1001.6	-.18	SE'E	3	dd	37	35	4	6	-	-	10	10	320	1	*
2	Shoeburyness	1001.4	-.18	SE	3	c/r	38	95	6	5	-	-	10	10	800	1	*
	Felixstowe	1002.4	-.16	SE'E	5	r/r	39	85	7	6	-	-	10	10	1500	1	5
	Gorleston	1003.1	-.14	SE	4	c	40	95	6	5	-	-	10	10	2500	1	3
	Cranwell	1000.5	-.18	ESE	5	s/s	34	95	4	6	-	-	10	10	450	1	*
3	Birmingham	998.0	-.14	SE	2	o/r/s	35	95	5	6	-	-	10	10	800	1	*
	Upper Heyford	998.4	-.10	SE	2	d/d	37	95	6	6	-	-	10	10	800	1	*
4	Ross-on-Wye	996.6	-.6	S'W	2	c/r	42	95	6	9	-	-	9+	9+	2500	1	*
5	Portland Bill	997.9	-.10	WSW	4	bc	45	95	7	5	-	-	4-6	4-6	2500	1	4
	Plymouth	997.5	+.4	SW	4	bc	45	95	7	8	-	3	2-3	4-6	1500	1	2
	The Lizard	997.3	+.2	SSW	3	c	45	85	7	8	7	-	4-6	7-8	2500	1	3
	Scilly (St. Mary's)	996.7	+.2	SW'S	3	bc/pr	44	85	7	3	4	-	4-6	4-6	1500	1	3
	Guernsey	999.9	+.2	SW	3	bc	+5	95	7	6	-	-	2-3	2-3	2500	2	3
6	Pembroke	992.2	+.4	WSW	4	c/pr	45	85	7	8	6	-	4-6	7-8	2500	1	3
7	Holyhead	991.8	-.14	SE'S	5	o/r	41	85	9	5	2	-	9+	10	1500	1	3
	Chester (Sealand)	996.3	-.14	SE'S	4	o/r	36	95	5	6	-	-	10	10	800	1	*
8	L'pool (Bidston)	995.8	-.8	ESE	5	r/r	36	95	6	6	-	-	10	10	1500	2	*
	Manchester	997.5	-.20	SE	5	r/s	36	95	4	6	-	-	10	10	450	1	*
9	Harrogate	1006.6	-.10	ESE	3	c/r	36	85	6	5	-	-	10	10	2500	1	*
10	Spurn Head	1001.2	-.8	E'S	5	c	41	85	6	5	2	-	4-6	7-8	2500	0	3
	Catterick	1000.7	-.20	E'S	4	c/r	39	75	7	5	-	-	10	10	1500	0	*
	Tynemouth	1002.2	-.20	SSE	4	o	41	85	7	6	-	-	10	10	1500	1	3
11	Inchkeith	1002.1	-.18	E	4	c	39	95	7	5	1	-	4-6	10	1500	0	3
	Leuchars	1003.1	-.16	E	4	c	41	85	7	5	7	-	7-8	9+	1500	1	*
12	Renfrew (Abbotts Ll)	1000.7	-.16	E'N	4	o/z	37	85	5	-	2	-	0	10	-	1	*
	Eskdalemuir	1002.9	-.8	E'S	5	c	36	85	6	5	2	-	4-6	10	1500	1	*
13A	Tiree	999.0	-.10	ESE	4	c	40	85	7	2	7	9	Tr	9+	2500	0	3
13B	Stornoway	1003.8	-.4	ESE	4	c	40	75	8	5	6	-	4-6	7-8	1500	1	2
15	Dalwhinnie	1003.5	-.12	NE	2	c	35	95	7	4	4	-	7-8	9	1500	6	*
	Aberdeen	1005.3	-.8	SE	3	bc	40	75	6	2	7	-	1	2-3	2500	0	2
	Wick	1006.0	-.4	ESE	4	c	40	85	8	8	1	-	7-8	9	1600	1	3
16	Lerwick	1007.9	-.2	N	3	bc	37	65	8	8	7	-	4-6	4-6	1500	0	*
17	Blacksod Point	991.7	-.6	ESE	3	c/r	39	95	7	6	-	-	10	10	450	1	3
18	Malin Head	993.6	-.10	E'N	6	c/r	42	95	6	6	2	-	9	10	800	1	2
	Aldergrove	993.8	-.14	E	5	r/r	38	95	6	6	-	-	10	10	450	1	*
	Donaghadee	993.6	-.12	SE	7	c/s	41	85	7	6	-	-	9+	9+	800	1	4
19	Birr Castle	990.7	0	S	1	r/r	35	95	8	6	-	-	10	10	2500	1	*
20	Valentia Obsy.†	989.9	-.6	SSE	4	b	43	85	8	5	-	-	1	1	2500	1	3
	Roches Point	992.3	+.4	W	2	bc	43	85	8	3	-	-	2-3	2-3	1500	1	4

PAST 24 HOURS.

Dist.	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)	50	39	33	-	1	4.9
	Croydon	50	38	35	-	Tr	7.1
	S. Farnborough	53	37	33	-	0.6	7.3
	Boscombe Down	47	36	34	-	3	7.0
	Calshot (S'thmtn)	49	40	36	-	1	6.4
	Dungeness	*	*	*	-	1	*
	Lympne	48	36	*	-	1	8.2
2	Shoeburyness	48	37	29	-	0.2	8.7
	Felixstowe	45	37	27	-	0.3	8.3
	Gorleston	(44)	37	35	-	-	5.0
	Cranwell	51	33	27	Tr	2	7.4
3	Birmingham	49	33	32	-	5	9.6
	Upper Heyford	50	36	37	-	3	*
4	Ross-on-Wye	50	37	36	-	4	6.7
5	Portland Bill	45	39	*	-	5	*
	Plymouth	48	40	39	-	12	6.3
	The Lizard	48	43	*	2	6	*
	Scilly (St. Mary's)	48	43	*	4	6	2.6
	Guernsey	46	42	39	-	8	8.3
6	Pembroke	46	39	*	-	12	4.0
7	Holyhead	49	39	38	-	3	6.7
	Chester (Sealand)	50	35	32	-	3	6.3
8	L'pool (Bidston)	47	34	34	-	2	7.0
	Manchester	50	36	32	Tr	3	5.7
9	Harrogate	45	32	27	-	Tr	0.6
10	Spurn Head	47	38	*	-	-	6.1
	Catterick	46	26	22	-	Tr	0.3
	Tynemouth	42	40	36	-	-	*
11	Inchkeith	48	38	34	-	-	1.2
	Leuchars	43	39	37	0.4	0.1	0.3
12	Renfrew (Abbotts Ll)	42	37	35	1	-	0.0
	Eskdalemuir	42	33	30	0.3	-	0.0
13A	Tiree	46	40	38	-	-	1.9
13B	Stornoway	43	39	*	-	-	0.4
15	Dalwhinnie	37	35	23	-	-	0.2
	Aberdeen	45	39	36	-	-	6.9
	Wick	44	36	*	-	0.6	*
16	Lerwick	40	32	*	-	Tr	0.0
17	Blacksod Point	46	38	*	2	3	*
18	Malin Head	47	40	*	-	Tr	2.4
	Aldergrove	48	38	34	-	1	2.1
	Donaghadee	47	40	*	-	0.2	*
19	Birr Castle	47	34	34	Tr	7	0.4
20	Valentia Obsy.†	48	41	36	11	5	0.0
	Roches Point	47	41	*	11	8	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	bf by	bc z o	or cm.	50	39	33	-	1	4.9	*	*	6
Croydon	217	bc z o bc	be by z o	br r d o	50	38	35	-	Tr	7.1	*	*	6
Greenwich (Royal Observatory)	149	by.	bb fy	c c d.	52	36	31	*	Tr	7.7	51	93	5
City (Bunhill Row)	—									5.1	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	39	34	0.7		5.4	69	87	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	50	39	37	-	0.8	4.7	81	91	*
Camden Square	119			*	50	40	36	-	1	*	*	93	*
Kensington	80	x bcc	cbcc	*	50	39	33	-	0.5	5.1	At 18h. 69	93	*
Hampstead Observatory	450	bf bc	bc	*	50	39	33	-	0.5	5.1			*
		bc	bc	or	51	36	29	-	0.8	7.0		100	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
2.6	10h 9th	0.3	24h 9th & 8h. 10th

Kew Observatory. Max.	Time.	Min.	Time.
1.8	11h 9th	0.1	1-6h. 10th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 9th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 10th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1009.0	-	0	0	39	1003.4	SSW	2	dr	43	41	36	3	4
Brussels	1006.3	-	0	bc	39	1004.6	SE	3	c	34	46	32	0.1	-
Berlin						1008.7	-	0	F	30		27		-
Zürich	1009.5	S	1	c	39	1010.3	SSE	1	0	41	43	39	1	1
Rome	1013.4	SSE	4	0	55	1012.9	SSE	2	c/m	54	*	*	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 11th March 1934.

No. 26,407

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

Distance.	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)...	998·3	-6	SW	3	c/pr	51	65	6	8	-	8	4-6	7-8	1500
	Croydon ...	999·7	-2	S	2	c/pr	47	85	6	8	-	1	7-8	9	2500
	S. Farnborough	998·1	-8	SW	4	c	52	55	8	2	6	3	4-6	7-8	2500
	Boscombe Down	997·4	-6	SW'S	4	bc	53	65	8	2	-	-	4-6	4-6	2500
	Calshot, S'thmtn	999·2	-2	SSW	5	bc	51	75	8	8	4	1	2-3	2-3	1500
	Dungeness ...	*	*	SW	3	bc	*	*	7	5	-	*	4-6	4-6	1500
	Lympne ...	999·8	-8	~~SSW~~	3	bc	51	75	6	9	-	-	4-6	4-6	1500
2	Shoeburyness	999·2	-10	~~SW~~ SW	3	bc	52	69	7	8	-	-	4-6	4-6	4000
	Felixstowe ...	1000·2	-6	SE'S	3	c3.	41	95	5	5	-	-	9+	9+	450
	Gorleston ...	1000·7	-10	SE	6	r.r.	38	95	6	6	-	-	10	10	1500
	Cranwell ...	998·4	-10	SE	3	m	38	95	4	5	-	-	10	10	450
3	Birmingham ...	997·0	-4	SSW	3	c	49	65	6	9	-	-	7-8	7-8	4000
	Upper Heyford	997·3	-6	SSW	4	c	52	65	8	8	-	2	7-8	9	2500
4	Ross-on-Wye ...	996·4	0	SW	3	c/PR	50	65	8	3	-	3	7-8	7-8	4000
5	Portland Bill...	997·7	-4	WSW	5	c	46	85	7	4	4	-	4-6	7-8	2500
	Plymouth ...	997·1	-6	S	5	c	49	85	8	8	-	6	2-3	7-8	2500
	The Lizard ...	995·1	-20	S'W	4	c	51	85	8	8	6	-	4-6	7-8	2500
	Scilly (St.Mary's)	993·3	-24	S'W	5	c/pr.	48	85	7	3	7	-	4-6	9+	1500
	Guernsey ...	998·7	-6	SSW	4	bc	51	75	8	5	3	-	2-3	4-6	4000
6	Pembroke ...	992·6	-4	SW	3	c	49	85	7	~~8~~ 7	7	9	4-6	9+	4000
7	Holyhead ...	993·2	-2	SSW	4	c	50	85	7	3	-	3	2-3	7-8	1500
	Chester (Sealand)	996·0	-2	SSE	2	c/r.	41	95	6	5	1	-	7-8	9	2500
8	L'pool (Bidston)	995·3	-2	SSE	3	c/r	40	95	6	6	1	-	4-6	9+	1500
	Manchester	996·6	0	SE'S	2	rr	37	95	5	6	-	-	10	10	450
9	Harrogate ...	998·2	-6	SE	2	rf	34	95	3	5	-	-	10	10	<150
10	Spurn Head ...	997·9	-8	ESE	7	r.r.	38	95	6	6	2	-	9	10	1500
	Catterick ...	998·4	-14	ESE	3	rr	36	95	6	6	-	-	10	10	800
	Tynemouth ...	1000·5	-12	SE	5	rr	39	95	6	6	-	-	10	10	1500
11	Inchkeith ...	1000·7	-16	E	5	ir.	41	85	8	8	-	-	10	10	1500
12	Leuchars ...	1001·4	-14	E	4	c	43	75	8	8	7	7	2-3	9+	1500
	Renfrew (Abbotts L)	998·8	-8	E'S	5	id.	42	75	6	6	2	-	7-8	10	1500
	Eskdalemuir ...	998·0	-12	E'S	5	rs	38	85	6	6	1	-	7-8	10	1500
13A	Tiree	997·3	-12	ESE	6	c	43	75	7	5	1	-	9+	9+	2500
13B	Stornoway ...	1002·6	-4	E	5	bc	44	65	9	7	7	-	4-6	4-6	4000
15	Dalwhinnie ...	1000·7	-10	NE	3	bc	41	85	8	4	-	-	4-6	4-6	2500
	Aberdeen ...	1004·0	-10	ESE	4	c	41	75	7	2	7	-	7-8	9	2500
	Wick	1005·0	-8	ESE	4	bc	42	75	8	8	6	-	4-6	4-6	1500
16	Lerwick ...	1007·2	-12	N	1	bc	37	85	9	8	3	8	4-6	4-6	1500
17	Blacksod Point	991·5	0	ESE	2	c	40	95	8	5	-	-	9	9	800
18	Malin Head ...	993·3	-8	E'N	6	r.r.	41	95	6	6	2	-	9	10	800
	Aldergrove ...	992·9	-2	E	4	r.r.	39	95	6	6	-	-	10	10	450
	Donaghadee ...	993·9	0	SE	6	ir.	40	95	7	6	-	-	10	10	800
19	Birr Castle ...	990·2	0	SW	2	c	53	65	8	3	-	-	7-8	7-8	2500
20	Valentia Obsy.	987·7	-14	ESE	3	bc	49	75	9	8	-	-	4-6	4-6	2500
	Roches Point...	991·1	-8	SW	4	c	47	85	8	3	-	-	7-8	7-8	1500

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

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)
997·1	-6	S'W	3	c	48	75	5	8	-	6	4-6	7-8	1500	1	*
998·5	-2	S'W	3	3.	46	75	6	7	-	1	4-6	7-8	4000	1	*
997·1	-2	SSW	3	bc	47	75	7	8	-	2	4-6	4-6	2500	1	*
995·8	-6	SSE	3	c	44	95	7	8	-	1	7-8	7-8	4000	0	*
997·2	-12	S	4	bc	45	85	7	8	-	4	1	2-3	2500	1	2
*	*	SW	2	b c	*	*	7	4	6	*	4-6	7-8	1500	*	2
999·6	-2	WSW	1	bc	42	95	7	4	-	1	4-6	4-6	4000	1	*
998·1	-10	SW'S	3	bc	44	85	7	8	-	5	2-3	2-3	4000	1	*
998·3	-6	S	3	c/pr.	44	75	7	8	3	-	7-8	7-8	1500	1	2
998·7	-8	SE'S	3	ir.	40	95	6	6	-	-	10	10	1500	1	3
996·4	-4	ESE	2	dr	42	95	4	9	~~2~~	~~2~~	7-8	9+	800	1	*
995·8	-4	SSE	2	c	46	75	6	5	4	9	2-3	7-8	2500	1	*
996·1	-8	-	0	bc	44	85	8	9	-	2	1	4-6	1500	1	*
994·4	-10	SSE	2	bc	47	75	7	3	-	3	2-3	4-6	2500	1	*
995·1	-20	S	5	c	45	95	7	4	7	-	4-6	10	2500	1	4
992·3	-28	S	5	rr	45	95	7	6	2	-	9	10	800	1	3
990·4	-20	S'W	4	PR	45	95	7	8	-	-	10	10	1500	1	3
988·2	-28	SW	4	pr.	47	85	7	3	7	-	7-8	9	1500	1	4
996·1	-22	SSE	4	r	48	85	8	6	-	-	10	10	1500	1	3
990·8	-20	SSW	3	c	44	95	7	6	7	-	~~9~~ 7-8	10	4000	1	2
992·3	-2	ESE	3	bc	45	95	8	2	-	6	1	4-6	2500	1	0
994·4	-6	-	0	c	44	85	6	5	-	9	7-8	9	1500	1	*
994·2	-6	ESE	3	bcf	44	85	3	5	-	9	2-3	4-6	800	2	*
994·6	-6	NE'E	3	bcf	40	95	3	5	7	2	1	4-6	2500	1	*
996·4	-6	-	0	F	34	95	1	5	-	-	10	10	<150	~~4~~ 3	*
996·3	-4	ESE	5	m	39	95	4	5	2	-	7-8	10	800	1	3
996·6	-6	-	0	r.r.	36	95	6	6	-	-	10	10	800	1	*
997·5	-14	SE	5	rr	39	95	6	6	-	-	10	10	1500	1	3
999·0	-10	E	5	dr.	38	95	7	6	2	-	4-6	10	1500	1	4
999·9	-8	E	4	dr.	39	85	7	6	2	-	7-8	10	800	1	*
997·7	-4	E	4	r.r.	39	85	6	6	2	-	7-8	10	800	1	*
997·0	-2	ENE	4-	S.3.	34	95	6	6	2	-	7-8	10	800	1	*
995·9	-2	ESE	6	c	42	75	8	5	1	7	9+	10	2500	0	4
1001·4	-4	E	5	bc	41	65	9	8	6	-	2-3	4-6	2500	1	3
1000·4	-2	NE	3	c	35	95	8	4	2	-	4-6	7-8	1500	6	*
1002·2	-8	ESE	4	c	40	75	8	8	-	-	9+	9+	1500	0	3
1003·0	-10	ESE	4	bc	40	85	8	8	6	-	4-6	4-6	2500	1	3
1006·5	-4	NE	3	bcjp	38	75	9	8	-	-	4-6	4-6	1500	1	*
990·7	-4	-	0	b	43	85	9	1	-	-	~~2~~3	~~2~~3	4000	1	3
991·2	0	E'N	6	c	41	95	7	8	-	-	9+	9+	800	1	2
992·4	0	E'N	4	o/r.	41	95	5	9	-	-	10	10	800	1	*
993·0	-2	SE	6	cq	41	95	7	9	-	-	9	9	1500	1	3
989·3	-4	SE	1	c/pr.	46	85	8	8	-	-	7-8	7-8	2500	1	*
987·4	+6	NE'E	2	bc/pr	48	75	8	8	-	-	4-6	4-6	1500	1	3
988·8	-14	SE	4	bc	46	95	8	3	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. (37)	Weather. 13h.–18h. (38)	Weather. 18h.–1h. (39)	Weather. 1h.–7h. (40)
bc3.	cprb3.	bc cr	crr.
cd.bcprq	cprtbc	bccr.r.	r.r.rr
obfc bcp.	bctp.bc	bcrm.	oir rr
bcm.	bc	bcrr	crrcm.
pcprrc	bc	c crm.	crm.
bc	bc		r
ordfc	bc	bcc	crrm.
or.bcb	bcctrbc	bcb	b,orr.
or.r.m.cm	bcm&p.	cb	b,orrm
or.r.	oir.c	ir. bc	~~pr corr~~
rsrsmcgr.	dtirh	r.cbf	forrm
r.s.bc	cc	cor	od.
cd.jp.	cpr.	b,cprs	or.r.ir
p.cPbccP	bccPHRbct	bc or	ir.od.
bcprc	cc	crr	orrc
bcc	bcrr	oR cpr	c
c	cpr	cprbc	bcc
bcp.q	~~br~~p.q	cpbc	bcp.
bbcc	cpr.	cor	oR ir
cq.pr.bcc	cq.prc	cid.m.c	cm.c
ir.c	bc	prr.o	r.r.o
d.orr.m.	cjpr.	bcjpr.	cir.c
ir.orr	irbcm	cir.c	r.cm.
or.rrm	orrcf	bcf	cprm.
ssrfc	rssfF	oFF	corr
crrq	rcm	mrcbc	bccrr
or.r.rr	rsd.p.v.	r.r.rom.	om.omr.
orrq	orrq	oir.o	oir q
cir.	clr.	corr	rro
cprir.⊕	cir.q.c	r.r.q	r.r.q
c3.q	d.r.cr.	cr.r.c	cm.r.
crsrs	irs-s.	cis.	cid.
c	c	cid.	c
cbcb	bc	bc	bc
isobc	bc	*	c
cpshc	cqprs	cprh	cpr q
cprbc	bc	bc.	phrc
bcpsh	bcph	bcph.	bcps
ir.	bc	bc	bc
c3.	cir3.	c	c
or.r.m.	or.cr.	cm.r.	oc
ogir.	ir.cq	cpr c	c
r.c	cpr	cb	bxcir
bprcbc	cvpr.bc	bcc bc	bccw
bcpc	cbc	bcw	bbcw

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

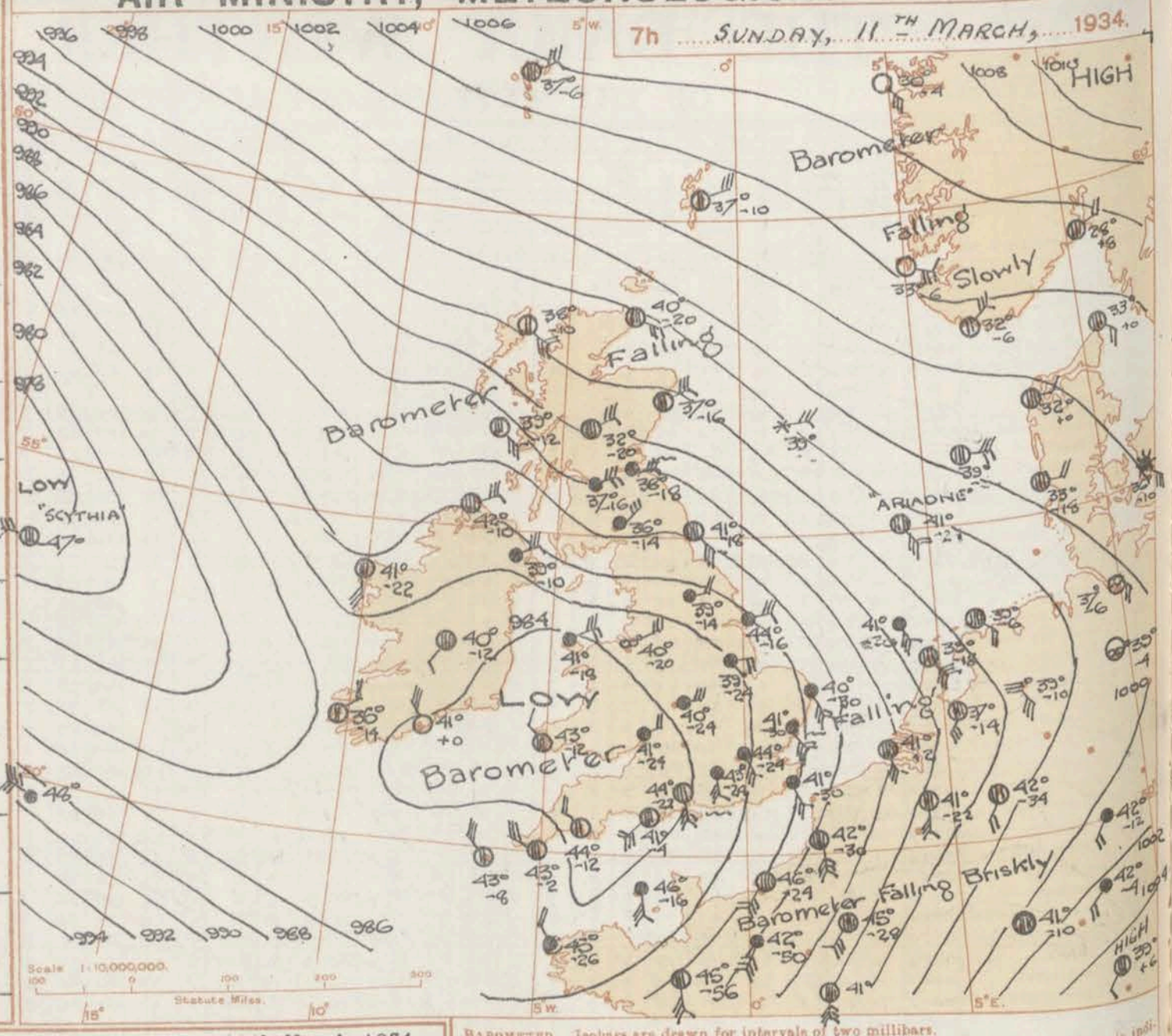
REPORTS from HEALTH RESORTS for 10th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 9th to 9h. 10th	Temperature. Max. 9h.—17h. 10th	Rainfall. Night. 17h. 9th to 9h. 10th	Rainfall. Day. 9h.—17h. 10th	Sunshine. Sunrise to 17h. 10th	Sunshine. Sunrise to Sunset. 9th
1	Tunbridge W.	ocbc	bc	33	52	1	–	4·8	6·6
	Bournemouth	rbcbc	b	37	53	4	1	7·2	7·4
	Ventnor ...	orbc	bcb	40	50	3	–	8·6	8·4
	Southsea ...	bbc	bc	39	53	3	–	7·4	6·0
	Bognor Regis	b	bbcbc	40	49	2	–	8·0	7·1
	Littlehampton	bc	bc	40	48	3	–	5·5	6·1
	Worthing ...	bbc	bcc	40	50	2	–	6·6	6·1
	Brighton ...	bc	bc	39	49	3	–	6·5	6·8
	Eastbourne†	bcb	bbccp.	39	51	3	Trace	6·1	7·1
	Hastings† ...	ocbc	bcc	38	49	3	–	5·2	7·0
	Folkestone ...	robcb	b	34	48	2	–	4·3	7·5
	Dover... ...	r.oc	cbc	37	46	2	Trace	2·2	8·3
	Deal	bc	b	38	52	–	Trace	4·9	7·3
	Ramsgate ...	obc	bc	36	51	0·2	–	4·3	6·9
	Margate ...	cbc	bcp	37	54	Trace	0·3	3·4	7·4
2	Southend ...	oc	t.r.bc	38	55	0·4	5	2·5	8·3
	Maldon ...	roc	cpc	35	50	0·3	Trace	1·5	8·7
	Clacton-on-Sea	coqdc	cp	38	46	0·4	1	2·1	9·3
	Dovercourt ...	pbc	oc	38	46	1	Trace	1·2	8·6
	Lowestoft ...	coir	idoc	37	41	0·5	0·2	0·0	4·5
	Skegness ...	obc	bc	37	41	2	3	0·1	7·2
	Mablethorpe	orm.	or.m.	32	40	4	0·3	0·0	7·5
	Cleethorpes...	orr	o	33	40	2	1	0·0	4·1
3	Leamington S.	oc	c	36	54	2	–	2·7	7·3
4	Cheltenham†	clcc	ctirc	36	47	5	1	4·4	9·0
5	Bath	bbcc	cpbcb	37	53	2	Trace	7·0	6·1
	Weymouth ...	r.ccb	b	41	52	4	–	6·4	4·1
	Jersey ...	rcbc	bcpc	41	51	6	1	7·0	3·0
	Torquay ...	rbcc	bcq jp	39	52	8	–	5·3	4·5
	Penzance ...	bbcb	ppbc	43	52	10	2	4·2	3·2
	St. Ives ...	b	p	42	52	12	3	3·9	3·4
	Bude	bbcc	cpr.	40	53	1	Trace	4·8	6·0
	Ilfracombe ...	cpbcb	bcpc	40	54	6	2	5·6	6·2
6	Aberystwyth	Rcbc	prbc	38	50	10	1	3·8	7·3
7	Llandudno ...	rcc	cbcc	37	51	2	0·6	1·3	7·5
	Colwyn Bay...	oorcc	bcbcb	36	52	2	1	3·8	8·3
	Rhyl	corr	cbc	36	52	1	1	3·0	8·5
8	Wallasey ...	oirc	cbc	36	48	3	2	1·4	7·1
	Southport‖ ...	oro	oroc	35	44	4	2	0·6	6·9
	Blackpool ...	orso	orc	33	41	6	1	1·0	7·1
	Morecambe ...	orssd	dcbc	36	39	1	3	0·1	4·1
9	Ilkley	cr'ss	sc	32	34	2	7	0·0	0·6
10	Berwick-on-T.	oph.r.	r.r.o	37	41	0·5	2	0·0	0·0
11	Dunbar ...	cr.	orr	41	45	0·3	1	0·0	1·7
12	Troon... ...	cococ	corcr	37	42	–	1	0·0	0·2
	Douglas ...	ocrm.	oirm.	36	42	3	1	0·0	7·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h ..... SUNDAY, 11TH MARCH, ... 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 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. 11th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Wind south to southeast, moderate to fresh; showers of rain perhaps hail and local thunder with bright intervals at first; more general rain later; moderate temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind variable, light to moderate; becoming dull with continuous rain; showers, hail locally and bright intervals tomorrow; moderate temperature.
8. N.W. England 9. N Midlands 10. N.E England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind easterly, fresh to strong at times, risk of gale on east coast later; dull; rain at times, with sleet and snow on the higher ground especially later; rather cold.
13. (A. W Scotld. / B. N.W. Scotland.	As 15 - 16.
14. Mid-Scotland	Wind east, fresh; cloudy; rain or sleet at times, snow on the higher ground especially later; rather cold.
15. N.E. Scotland	
16. Orkneys and Shetlands.	Wind east, fresh, strong locally; variable sky; wintry showers; rather cold.
17. N.W. Ireland 18. N.E. Ireland	As 8 - 12.
19. S.E. Ireland 20. S.W. Ireland	Wind variable, light to moderate; dull; continuous rain then showery with bright intervals; moderate temperature.

GENERAL INFERENCE.

A belt of low pressure stretches from Greenland to the Mediterranean and vigorous deep centres are located on the Atlantic and over Brittany. Weather will be generally unsettled with rain at times in most districts and a possibility of snow in parts of the North. Bright intervals will occur in the southern half of the country.

FURTHER OUTLOOK.

Generally unsettled in most districts; further snow in the north.

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

Forecasts issued at 1200 G.M.T.

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

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

Morning of
SUNDAY,
11th MARCH,
1934.

LOW
HIGH
LOW
HIGH
LOW
HIGH
LOW
LOW

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 11th March 1934.

No. 26.407.

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

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	993·4	-30	ESE	3	r.r.	43	95	6	5	7	-	7-8	7-8	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	995·2	-26	S'E	3	c	41	95	8	-	-	6	0	7-8	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	996·2	-14	SE'S	3	c	40	95	6	5	-	-	9	9	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill....	32	997·3	-26	S	5	r	44	95	7	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	998·6	0	W'S	3	bc	45	95	8	8	-	-	4·6	4·6	1500
	Scilly(St.Mary's)	163	998·8	+2	W'N	5	bc/p	45	95	8	3	-	-	4·6	4·6	1500
	Guernsey ...	175	999·1	-30	S	5	r	45	95	6	6	-	-	10	10	1500
6	Pembroke ...	142	995·1	-12	E	1	id.	43	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	997·9	-22	E	4	r.r.	42	95	6	6	-	-	10	10	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	993·5	-6	E'S	3	bc	41	95	6	3	-	-	4·6	4·6	1500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	994·7	-12	SE	1	o	39	95	6	6	-	-	10	10	1500
11	Inchkeith ...	190	996·5	-8	E	4	r	38	95	7	6	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotts'd)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1000·1	-6	SE	5	bc	39	75	8	8	6	-	2·3	4·6	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1001·9	-8	ESE	4	bc	40	85	8	8	1	-	4·6	4·6	1500
16	Lerwick ...	54	1002·9	-6	E'N	3	bc	38	65	8	8	-	-	4·6	4·6	1500
17	Blacksod Point	18	990·0	-6	S	2	b	40	95	7	2	-	-	1	1	2500
18	Malin Head ...	52	990·9	-6	E'N	4	c	42	95	7	4	-	-	9	9	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	997·1	-6	-	0	bc	44	95	8	8	-	-	4·6	4·6	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
984.9	-34	SE'S	3	ir.	44	95	6	6	2	-	9	10	800	1	*
986·3	-24	SE'S	4	r.r.	44	95	6	6	2	-	7-8	10	800	1	*
984·2	-24	S	4	rr	43	95	6	6	-	-	10	10	450	1	*
983.1	-4	S'W	3	3.	42	95	6	5	-	-	9+	9+	220	1	*
984.0	-22	S	5	c/r	44	85	6	5	3	-	4·6	9	800	1	3
*	*	SSW	4	ir	*	*	5	8	-	*	9+	9+	800	*	3
988.4	-30	S'E	4	ir.	41	95	6	6	2	-	9+	10	450	1	*
987·3	-38	SSW	3	r.r.	42	95	7	5	-	-	10	10	800	1	*
988·8	-30	SE	5	r.r.	41	95	6	6	-	-	10	10	460	1	4
989.8	-30	SE'S	5	rr	40	95	6	6	-	-	10	10	1500	1	3
986·9	-24	E'S	2	rr	39	95	4	6	-	-	10	10	450	1	*
984.9	-24	E	3	d.d.	40	95	6	6	-	-	10	10	800	1	*
983·6	-34	ESE	3	r.r.	41	95	5	6	-	-	10	10	220	1	*
983.4	-24	E'N	2	d.d.	41	95	6	6	-	-	10	10	1500	1	*
983.4	-4	WSW	5	c	44	95	7	5	7	..	7-8	10	1500	1	4
983.8	-12	WNW	2	c	44	95	7	5	2	-	7-8	9+	1500	1	2
984.1	-2	W'N	3	c	43	95	7	8	6	-	9	9	1500	1	3
984.7	-8	NW	3	bc	43	95	8	2	6	3	2-3	4-6	2500	1	2
985·3	-16	S	4	rr	46	95	6	6	-	-	10	10	1500	1	3
981.6	-12	WNW	1	c	43	95	6	5	-	-	10	10	1500	1	1
983.7	-18	E'N	5	r.r.	41	95	5	6	2	-	7-8	9+	800	1	3
985.7	-20	E'N	3	3.	40	85	6	5	2	-	7-8	10	2600	1	*
985·3	-20	E'S	4	3.	40	95	5	5	2	-	9+	10	1500	1	*
986·0	-24	E	4	ir	40	95	6	6	2	-	7-8	10	1500	1	*
988·2	-14	E	2	rr	39	95	5	6	-	-	10	10	2500	1	*
987·8	-16	E	4	r.r.	41	95	6	6	2	-	7-8	10	1500	1	3
988·9	-20	ENE	2	ir.	39	95	6	6	-	-	10	10	800	1	*
990·7	-18	SE	4	r.r.	41	85	6	6	-	-	10	10	1500	1	3
992.4	-16	E	5	rr	38	95	7	6	-	-	10	10	1500	1	4
994.0	-18	E	4	r.r.	38	95	6	6	-	-	10	10	800	1	*
992·1	-16	E'N	5	ir.	37	95	6	5	-	-	10	10	1500	1	*
990·2	-14	NE	3	id.	36	95	6	5	-	-	10	10	450	1	*
991·3	-12	ESE	4	c	39	75	9	5	7	9	4·6	9+	2500	0	3
997·1	-10	ESE	5	bc	38	75	9	8	6	-	2·3	4·6	2500	1	3
995.7	-20	ENE	4	c	32	95	7	4	2	-	4·6	9	800	6	*
996·6	-16	ENE	5	c	37	85	8	6	7	8	2·3	9+	1500	1	3
999.0	-20	ESE	4	c	40	75	8	7	6	-	4·6	7·8	2500	0	3
1002·1	-10	E'N	3	jp	37	75	8	8	-	-	4·6	4·6	1500	1	*
988·1	-22	S	3	c	41	95	7	8	-	-	9	9	450	1	3
988·1	-10	E'N	4	c	42	95	7	8	-	-	9+	9+	1500	1	1
988.7	-10	ENE	4	r.r.	39	95	6	6	2	-	9	10	800	1	*
987.0	-18	SE	4	c	40	85	7	5	-	-	7·8	7·8	1500	0	3
984·5	-12	SW	1	c/r	40	95	7	6	2	-	9	10	2500	1	*
984·1	-14	NE'E	2	bc	35	95	6	5	4	1	2·3	4·6	800	1	3
984·9	0	NW	3	c	41	95	8	3	-	-	7·8	7·8	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 10th Hrs. (36)
1	London (Kew)...	52	43	37	1	2½	4·9
	Croydon ...	52	42	38	1	3	4·1
	S. Farnborough	54	41	36	0·3	6	7·2
	Boscombe Down	53	39	38	-	5	7·7
	Calshot,(S'thmtn)	51	43	40	0·3	4	6·1
	Dungeness ...	48	39	*	Tr	2	*
	Lympne ...	52	40	-	0·4	2	4·4
2	Shoeburyness	54	37	30	2	1	3·3
	Felixstowe ...	45	38	32	1	1	1·4
	Gorleston ...	41	38	37	1	2	0·0
	Cranwell ...	45	34	30	7	3	0·0
3	Birmingham ...	51	40	36	0·2	3	4·4
	Upper Heyford	54	39	35	0·2	3	*
4	Ross-on-Wye ...	52	41	40	2	3	4·7
5	Portland Bill....	47	41	*	1	6	*
	Plymouth ...	49	44	41	1	4	5·6
	The Lizard ...	51	43	*	4	4	*
	Scilly(St.Mary's)	51	43	*	3	1	3·1
	Guernsey ...	52	48	43	Tr	16	7·0
6	Pembroke ...	49	41	*	1	1	5·7
7	Holyhead ...	51	41	40	0·1	3	6·7
	Chester (Sealand)	50	38	31	2	0·5	0·8
8	L'pool (Bidston)	47	38	37	2	1	1·0
	Manchester	43	37	35	11	0·4	0·0
9	Harrogate ...	36	33	32	8	2	0·0
10	Spurn Head ...	41	38	*	3	12	0·0
	Catterick ...	39	35	35	5	0·4	*
	Tynemouth ...	41	39	37	6	5	*
11	Inchkeith ...	41	37	35	0·1	3	0·0
	Leuchars ...	44	37	35	Tr	2	0·2
12	Renfrew(Abbotts'd)	42	36	36	1	0·3	0·0
	Eskdalemuir ...	38	33	32	4	1	0·0
13A	Tiree	44	39	37	-	Tr	0·0
13B	Stornoway ...	44	37	*	-	-	8·5
15	Dalwhinnie ...	41	32	28	2	-	3·8
	Aberdeen ...	43	35	34	0·2	0·2	1·2
	Wick	42	37	*	Tr	Tr	*
16	Lerwick ...	40	33	*	1	Tr	3·9
17	Blacksod Point	46	36	*	1	Tr	*
18	Malin Head ...	42	40	*	5	-	0·0
	Aldergrove ...	44	38	33	3	0·3	0·4
	Donaghadee ...	42	39	*	3	0·3	*
19	Birr Castle ...	53	38	28	0·2	0·3	4·5
20	Valentia Obsy.†	53	35	32	0·4	Tr	5·0
	Roches Point...	48	40	*	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	bc3.	cprh3.	rcrr.	52	43	37	1	7	4·9	*	*	6
Croydon	217	cd.bcpr	cprtbc	bccrrr	52	42	38	1	3	4·1	*	*	6
Greenwich (Royal Observatory) ...	149	cbey	crhtl bc	bbcrdr	55	40	~~32~~ 36	4	4	3·6	86	96	6
City (Bunhill Row)	—	*	*	*	*	*	*	*		2·4	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	52	42	37	2		2·9	73	86	*
‡Regents Pk. (Botanic Gardens) ...	129	*	*	*	53	41	40	-	2	2·8	69	92	*
Camden Square	110	c	cpc	*	51	43	*	Tr.	2	*	*	89	*
Kensington	80	cbc.	pt bc	*	54	43	38	Tr.	2	3·6	At 18h. 73	91	*
Hampstead Observatory	450	bc	bcp	or	51	38	32	0·2	3	1·6	*	95	*

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 10th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 11th March. 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	1001·5	SSW	2	c	52	994·3	SSW	4	c	46	54	43	1	1
Brussels	1000·8	SSE	3	c	43	994.6	S	4	jp	41	46	37	1	-
Berlin	1007.9	SE	1	3.	41	1001·1	SSE	2	d.d.	37	46	36	-	Tr.
Zürich	1007·0	W	2	c	50	1006·2	SSW	1	-	39	55	39	-	5
Rome	1012·2	SSE	3	c	57	1009.8	SSE	6	o/d	55	*	*	-	Tr.

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·6	22h. 10th.	Nil.	3-5h. 11th.

Kew Observatory. Max.	Time.	Min.	Time.
0. 3	21h 10th	<0.1	3-7h. 11th

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	"
2	Fog	550	"
3	Moderate fog	1,100	"
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	"
6	Moderate "	6½	"
7	Good "	12½	"
8	Very good "	31	"
9	Excellent "	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 12th March, 1934.

No. 26,408.

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 11th March														OBSERVATIONS at 18h. G.M.T. 11th March														PAST 24 HOURS.			
		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)	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	Weather. 7h.–18h. 11th	Weather. 18h.–18h. 11th	Weather. 18h. 11th to 1h. 12th	Weather. 1h.–7h. 12th
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	981.4	-14	SSW	3	c/pr	48	85	5	8	3	-	4-6	7-8	800	980.6	-6	SSW	2	c	46	75	6	5	-	-	9+	9+	2500	1	*	cr$_o$ bcm$_o$	cpr$_o$ 3o	bbec	oRRe
	Croydon	982.4	-16	S'E	4	pr$_o$	45	95	6	9	-	-	9	9	1500	981.2	-6	SSW	2	c	46	75	6	4	-	-	9+	9+	2500	1	*	cm$_o$ pr$_o$	prrrc	63$_o$ cm$_o$	r$_o$ rrc
	S. Farnborough	981.4	-14	SW	4	cr$_o$	48	75	8	9	-	-	10	10	1500	980.5	-6	SW'S	4	c	45	75	8	9	-	-	9+	9+	2500	1	*	cir$_o$ bcc	cpr$_o$ c	bcoir	oRR
	Boscombe Down	981.7	-6	SW'S	2	c	46	75	7	7	-	-	9+	9+	2500	979.8	-10	SSW	3	c/r	45	85	7	7	3	1	7-8	9	1500	1		cr$_o$ 3$_o$	cr$_o$	cir$_o$	orressm$_o$
	Calshot, S'thmtn	982.3	-8	SSW	4	c	51	65	8	8	-	-	9+	9+	1500	981.0	-6	SSW	4	c	44	85	8	8	-	-	9	9	2500	1	1	cm$_o$ c	cbcc	bccgr	crrm$_o$
	Dungeness	*	*	S	4	rr	*	*	6	8	-	*	10	10	800			SW	3	c	*	*	7	8	-	*	7-8	7-8	1500	*	2	r	pr		pr
	Lympne	982.9	-14	S'E	3	r$_o$ r$_o$	42	95	6	6	-	-	10	10	450	982.6	-4	SSW	3	m	41	95	4	5	3	-	9	9+	<150	1	*	crrm$_o$	r$_o$ ccm	cpr$_o$ c	crr r$_o$
2	Shoeburyness	982.9	-20	SSW	3	pr	44	95	7	5	-	-	10	10	800	981.3	-6	SSW	1	bc	41	85	7	8	3	1	2-3	2-3	4000	1	*	cpr	cpr$_o$ bc	bcb	bccpr
	Felixstowe	983.7	-22	SSE	5	c	43	95	7	5	-	-	10	10	1500	982.0	-8	SE	3	c/r	41	95	7	5	1-	-	7-8	7-8	1500	1	3	crrm$_o$ c	circ	cb	b-oRR
	Gorleston	984.2	-20	SE'S	5	r$_o$ r$_o$	41	95	6	6	-	-	10	10	1500	982.0	-10	SE'S	4	r$_o$ r$_o$	41	95	6	6	-	-	9+	9+	1500	1	3	orrq	orr	or$_o$ b	bofc
	Cranwell	981.5	-26	E	2	ir	43	95	6	6	-	-	10	10	450	978.8	-12	SSE	1	c/pr	42	95	6	9	2	-	9	10	800	1		r rudicron	Rpr	cbcm	bcmF
3	Birmingham	980.6	-18	ENE	1	ir$_o$	44	85	5	6	-	-	10	10	800	979.2	-6	SW	1	c/r	42	95	5	6	-	-	7-8	7-8	800	1	*	ocir$_o$	or	cprb	bf
	Upper Heyford	980.8	-10	SW	3	c	45	85	8	9	2	-	9+	10	1500	979.5	-8	SSW	2	bc	43	85	7	9	3	-	4-6	4-6	1500	1	*	cir$_o$	c	bcc	corr
4	Ross-on-Wye	980.8	-10	SW'W	3	c/pr	46	75	7	8	-	-	9+	9+	4000	979.1	-12	SW	2	c	44	75	8	8	-	1	4-6	7-8	4000	1		d$_o$ cap	c	cbc	com$_o$
5	Portland Bill	982.1	-6	WSW	4	c	45	95	7	5	-	-	9	9	2500	980.0	-16	SW	4	c	45	95	8	4	-	-	7-8	7-8	2500	1	4	c	c	bcco	orr
	Plymouth	983.0	-6	WSW	4	pr	45	95	7	9	-	-	9+	9+	1500	979.3	-20	S	4	c r$_o$	46	85	7	9	2	-	7-8	10	800	1	3	cpr	cr$_o$	cr$_o$ c	cpr$_o$
	The Lizard	982.9	-4	SW	3	c	49	85	8	8	7	-	7-8	9+	2500	978.5	-20	WSW	3	c	46	85	8	8	7	-	4-6	7-8	2500	1	3	cpr c	cprhc	c	cw
	Scilly (St. Mary's)	982.1	-20	WSW	4	c/pr	51	85	8	8	7	-	4-6	7-8	2500	978.2	-16	WNW	3	c	45	85	7	8	7	-	4-6	7-8	2500	1	2	bccpo	cp$_o$	bccpg	bcc
	Guernsey	984.2	-4	WSW	4	bc	49	75	8	8	3	-	2-3	4-6	2500	981.5	-20	SSW	3	bc	47	85	8	8	-	-	4-6	4-6	2500	1	3	orcpr	bccpr	oR r$_o$	orrr$_o$
6	Pembroke	979.5	-14	W	1	c	44	85	7	5	7	-	4-6	9+	2500	977.2	-16	SSW	1	c	45	65	9	7	7	-	4-6	7-8	4000	1	1	cm$_o$ c	cbcvc	cbc	bcc
7	Holyhead	980.9	-14	E'N	5	c	44	85	5	5	-	-	9+	9+	800	978.5	-12	ENE	4	c	44	95	5	5	-	-	10	10	4000	1	2	r$_o$ c cm$_o$	cm$_o$ c	cm$_o$	cm$_o$
	Chester (Sealand)	981.5	-18	E'N	2	r$_o$ r$_o$	44	85	6	6	-	-	10	10	1500	979.3	-8	E'N	2	3o	44	85	5	5	-	-	9+	9+	1500	1	*	ir$_o$ c	ir$_o$ cm$_o$	cm$_o$ r$_o$	cm
8	L'pool (Bidston)	981.2	-18	E'S	3	c/r	43	85	5	5	-	-	9+	9+	1500	979.1	-10	E	3	m	43	85	4	6	-	-	9+	9+	800	1	*	cirn$_o$	cidcm	rrom	om
	Manchester	981.6	-24	E	3	c/r	43	85	4	5	-	-	9+	9+	800	979.1	-12	E'N	3	c/r	43	85	4	5	-	-	9+	9+	1500	1	*	orrm	cr$_o$ m	cr$_o$ m	cm
9	Harrogate	983.6	-14	E	3	rr	40	95	5	6	2	-	9+	10	2500	980.1	-10	NE	1	id	39	95	5	6	2	-	9+	10	2500	1	*	corr	rrocid	coirf	focid
10	Spurn Head	982.6	-14	E'S	5	ir	41	95	6	3	2	-	7-8	10	1500	979.4	-8	SE	4	ir	42	95	6	3	2	-	7-8	10	1500	1	2	rrir	ir	crcbc	bcfc
	Catterick	984.1	-26	E'N	3	r$_o$ r$_o$	42	85	7	6	-	-	10	10	800	980.9	-16	NE'N	2	rr	40	95	8	6	-	-	10	10	800	1	*	m r r r$_o$	r$_o$ orr	orrir	oro
	Tynemouth	986.6	-20	E	4	o/r	42	95	6	6	-	-	10	10	1500	982.7	-28	E	5	ir	40	95	6	6	-	-	10	10	1500	1	4	oirq	oirq	ocrq	oirq
11	Inchkeith	988.9	-16	E	5	c	39	95	7	9	2	-	7-8	10	1500	986.4	-22	E	5	rr	40	95	7	6	-	-	10	10	1500	1	4	rrir$_o$ c	corr	orr	oRR
12	Leuchars	990.2	-22	ENE	4	r$_o$ r$_o$	38	95	6	6	2	-	9	10	800	987.9	-6	E	4	r$_o$ r$_o$	41	85	6	6	2	-	7-8	9+10	450	1	*	or$_o$ q c	cr$_o$ q c	cirq	crrqe
	Renfrew (Abbotsl.)	988.9	-20	ENE	5	ir$_o$	39	95	6	5	-	-	9+	9+	800	986.2	-14	E'N	4	ir$_o$	41	95	6	5	2	-	7-8	10	1500	1	*	cm$_o$ ir$_o$	cm$_o$ r$_o$	cm$_o$ r$_o$	om$_o$ r$_o$
	Eskdalemuir	985.9	-16	ENE	4	id$_o$	39	95	6	5	-	-	10	10	800	983.4	-14	ENE	5	id$_o$	38	95	6	5	-	-	10	10	800	1	*	cid$_o$	cid$_o$	ids	irs s$_o$
13A	Tiree	988.5	-12	E'S	5	c	44	65	8	5	7	-	4-6	9	2500	987.0	-4	E	5	c	42	75	9	5	3	8	4-6	9+	2500	0	4	c	c	c	c
13B	Stornoway	994.9	-14	E	5	bc	41	65	8	8	6	-	2-3	4-6	2500	993.7	-2	E	5	bc	39	75	8	5	6	-	2-3	4-6	2500	1	3	bc	bc	bccpr$_o$	cbcc
15	Dalwhinnie	992.5	-12	ENE	4	c	36	95	7	4	4	-	4-6	10	800	990.1	-10	E	3	ss	33	95	7	4	4	-	7-8	10	800	6		is	ss		is
	Aberdeen	993.4	-20	E'N	5	ir	39	95	6	6	-	-	10	10	1500	991.8	-2	E	5	c	40	75	6	6	2	-	9+	10	1500	1	3	cqir ⊕	cqrrcq	cph$_o$q	orrq
	Wick	996.3	-16	ESE	5	bc	41	65	8	7	8	-	4-6	4-6	2500	994.9	-4	ESE	5	c	38	95	8	8	2	-	7-8	9	1500	1	3	cbc	cpbrc	cprsc	circ
16	Lerwick	1000.7	-8	E'N	4	c	39	55	8	8	5	3	4-6	7-8	1500	1000.3	0	ESE	4	c	38	55	8	8	5	-	4-6	7-8	1500	1	*	bccy	cpshy	cpsh	cpsh
17	Blacksod Point	989.9	-10	E	5	c	43	95	7	-	7	-	0	10	-	981.8	-10	E	6	q	43	85	7	9	-	-	10	10	450	1	5	cf	ir$_o$ q	prc	prcq
18	Malin Head	985.2	-8	E'N	4	c	43	95	7	8	-	-	9+	9+	1500	983.1	-8	ENE	5	pr$_o$	43	95	7	6	2	-	4-6	10	1500	01	1	c	c	cpr$_o$	cpr
	Aldergrove	985.0	-16	ENE	4	ir$_o$	42	85	7	6	2	-	9	10	800	982.3	-12	ENE	5	r$_o$ r$_o$	42	85	6	6	-	-	10	10	800	1	*	cr$_o$ m$_o$	cmdd$_o$	or$_o$ r$_o$	or r
	Donaghadee	983.4	-12	SE	5	q	43	55	8	5	-	-	7-8	7-8	1500	981.4	-6	ESE	5	q	44	85	8	9	-	-	9	9	1500	6	3	cq	id$_o$ cq	cq	pr$_o$ cq
19	Birr Castle	981.1	-16	ESE	1	c	46	85	8	8	-	-	9+	9+	2500	979.0	-14	ESE	1	c/r	42	95	7	6	2	-	9	10	2500	1	*	c	cir	c	coir
20	Valentia Obsy.	979.2	-22	SSE	3	ir$_o$	47	85	8	6	1	-	9	10	1500	976.8	-14	ENE	3	ir$_o$	41	85	7	6	-	-	10	10	2500	1	3	bcc ir$_o$	orrir$_o$	orrbc	cjp
	Roches Point	981.8	-14	NW	3	bc	45	85	8	5	-	-	4-6	4-6	2500	978.1	-10	SE	3	c	45	85	8	3	-	-	7-8	7-8	1500	1	4	cofebc	bcc	cp$_o$ bc	bccw

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.
g, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus,
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ⚡ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

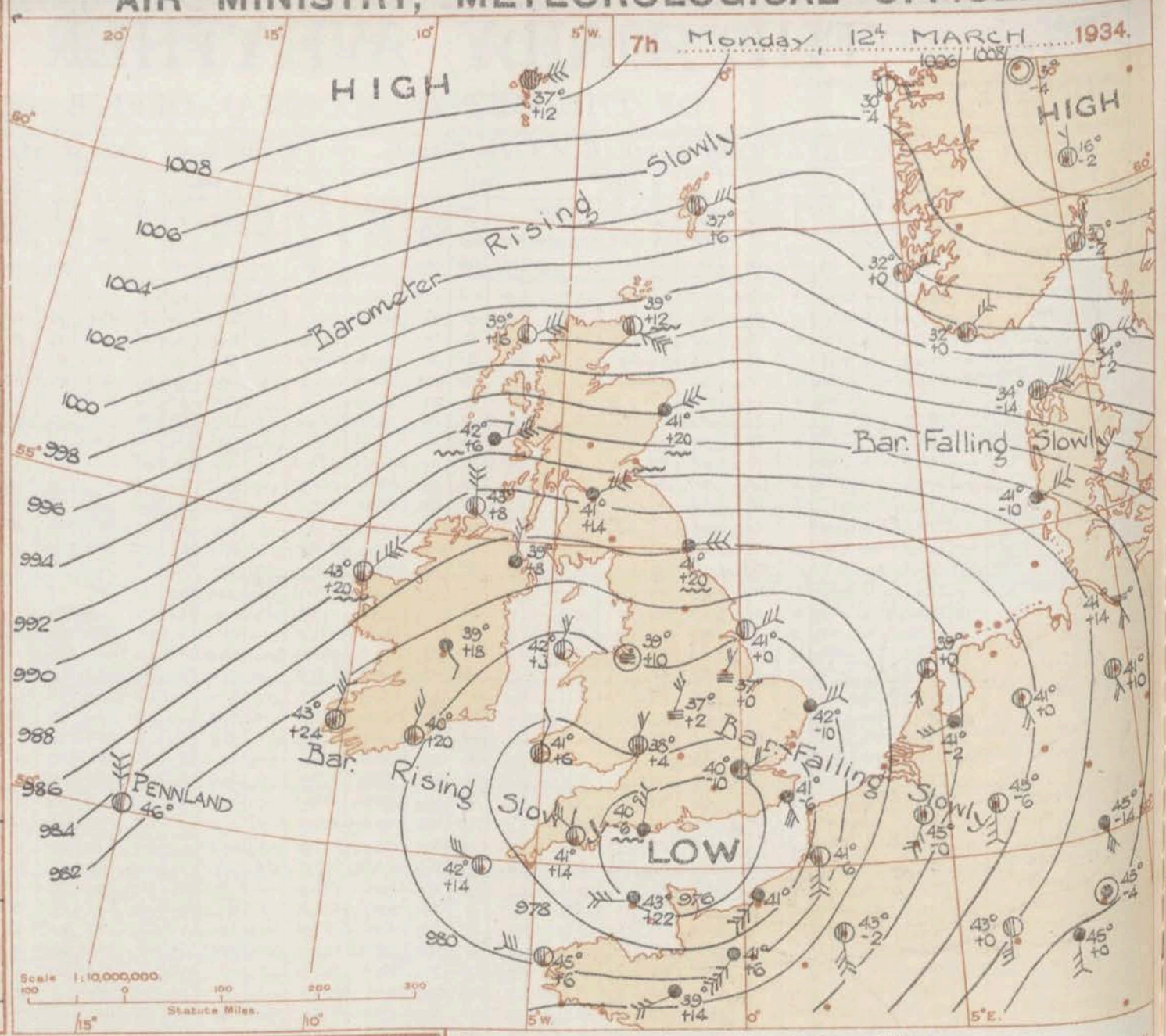
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 11th MARCH 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 10th to 9h. 11th	Temperature. Max. 9h.—17h. 11th	Rainfall. Night. 17h. 10th to 9h. 11th	Rainfall. Day. 9h.—17h. 11th	Sunshine. Sunrise to 17h. 11th	Sunshine. Sunrise to Sunset 10th
1	Tunbridge W.	or	ocbc	40	46	8	4	0.5	4.8
	Bournemouth	oc	ococ	43	50	5	-	1.0	7.2
	Ventnor ...	romcb	bobcc	42	48	4	3	3.0	8.6
	Southsea ...	opbc	cp.bc	42	51	6	0.2	2.1	7.4
	Bognor Regis	ccr	bc	43	46	3	0.3	2.2	8.0
	Littlehampton	ccp	bc	42	47	2	0.5	1.0	5.5
	Worthing ...	or.	cbcc	42	46	2	2	1.1	6.6
	Brighton ...	crc	bc	42	45	2	5	0.9	6.5
	Eastbourne†	orrr.	r.id.obc	42	45	4	2	0.6	6.1
	Hastings† ...	copc	cpobc	41	44	3	1	0.0	5.2
	Folkestone ...	rr	o	39	43	3	6	0.0	4.3
	Dover... ...	rro	roc	39	48	5	4	0.0	2.2
	Deal	rr	orc	38	44	6	5	0.0	4.9
	Ramsgate ...	dcr	rc	40	46	3	4	0.1	4.3
	Margate ...	cr	cr	37	45	3	6	0.0	3.4
2	Southend ...	cor	orcb	38	48	4	1	0.9	2.5
	Maldon ...	c	cpc	38	49	3	0.3	0.4	1.5
	Clacton-on-Sea	cp	cp	38	43	5	2	0.0	2.1
	Dovercourt ...	roc	rbcc	38	48	3	1	0.0	1.2
	Lowestoft ...	oiror	oiror	37	42	4	6	0.0	0.0
	Skegness ...	or	or	37	43	5	1	0.0	0.1
	Mablethorpe	orm.	orm.	37	42	8	2	0.0	0.0
	Cleethorpes...	orr	orr	36	42	14	5	0.0	0.0
3	Leamington S.	or	orc	38	46	1	3	0.0	3.3
4	Cheltenham†	om.cp	c	41	47	3	Tr	0.7	4.4
5	Bath	cbc	p.cbc	42	49	5	Tr	0.7	7.0
	Weymouth ...	c	c	42	50	5	-	0.8	6.4
	Jersey ...	rcp	cpbq	44	49	5	3	3.0	7.0
	Torquay ...	rcw	copribc	41	51	6	0.1	2.6	5.6
	Penzance ...	cpbcp	pbcbp	40	52	3	1	3.2	4.2
	St. Ives ...	pr	pr	43	49	3	1	2.2	3.9
	Bude	c	bcc	42	49	Tr	-	3.1	4.8
	Ilfracombe ...	co	cbp	43	47	5	1	2.8	5.6
6	Aberystwyth	rrc	cpr	42	46	8	4	0.0	3.8
7	Llandudno ...	codm.	com.	39	45	Tr	Tr	0.1	1.3
	Colwyn Bay...	odedo	odod	40	43	1	1	0.0	3.8
	Rhyl	om.	om.r.	39	45	1	Tr	0.0	3.1
8	Wallasey ...	r.o	r.o	37	45	1	0.3	0.0	1.4
	Southport‖ ...	oro	orco	36	45	1	0.2	0.2	0.6
	Blackpool ...	oro	o	36	44	0.4	0.4	0.0	1.0
	Morecambe ...	cbbcc	c	36	45	0.3	-	0.6	0.1
9	Ilkley...	r	rc	32	41	3	4	0.0	0.0
10	Berwick-on-T.	opr.	opr.	37	42	3	0.3	0.0	0.0
11	Dunbar ...	crr	crr	(35)	43	11	1	0.0	0.0
12	Troon... ...	rococ	cocbc	38	45	1	-	1.4	0.0
	Douglas ...	ogir	m.irc	36	43	0.5	1	0.0	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 1/5 clouded. Sky 1/5 to 3/10 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. 12th March, 1934.
1. S.E. England	Light or moderate east or northeast wind, backing; cloudy, rain at times, bright intervals; moderate temperature.
2. E. England...	Moderate northeast or north wind, fresh locally; cloudy, occasional rain; moderate temperature.
3. E. Midlands	
4. W. Midlands	Light or moderate northeast or north wind; cloudy, occasional rain or showers, bright intervals; moderate temperature.
5. S.W. England	Light or moderate northwest or north wind; bright intervals and showers; moderate temperature.
6. South Wales	
7. North Wales	As 4.
8. N.W. England	Moderate or fresh northeasterly wind; bright intervals, occasional rain or showers; moderate or rather low temperature.
9. N. Midlands	
10. N.E. England	Fresh or strong northeasterly wind; cloudy, occasional rain, snow locally on hills; rather cold.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. A. W Scotld. B. N.W. Scotland.	Fresh or strong northeasterly wind; cloudy, bright intervals, showers, snow locally on hills; rather cold.
14. Mid-Scotland	Fresh or strong east to northeast wind; cloudy, occasional rain or
15. N.E. Scotland	showers, snow locally on hills; rather cold.
16. Orkneys and Shetlands.	
17. N.W. Ireland	Fresh or strong northeasterly wind; cloudy, bright intervals,
18. N.E. Ireland	occasional rain or showers; rather cold.
19. S.E. Ireland	Moderate north or northeast wind; bright intervals, occasional rain
20. S.W. Ireland	or showers; moderate temperature.

GENERAL INFERENCE.

The main centre of a complex low pressure system is situated over the English Channel and is likely to move east. There will be rain or showers in most districts and snow locally on high ground in the North.

FURTHER OUTLOOK.

Unsettled but bright intervals.

Time of issue of Gale Warning.

South cone at 0220 on 12th in districts 10, 11, 15 and 16.
North cone at 0220 on 12th in district 13B.

Forecasts issued at 1010 G.M.T.

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

H.M. Stationery Office Press, Kingsway W.C.2. Dy. 745/2709. 1m.47. 6.820. No. 908. 23/46. 3/34.

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

Morning of
Monday
12th March
1934.
LOW
HIGH
Dutch Harbour
Behring Is.
Petropavlovsk
Ost Kamchatsk
S. Francisco
S. Diego
Roseburg
Portland
Tatoosh
Tonopah
Flagstaff
Boise
Ketchikan
Juneau
Dawson
Fort Simpson
Fort Norman
Fort Good Hope
Aklavik
Fort Smith
Fairbanks
Anadyr
St. Lawrence Bay
Wrangel Is.
Kolymsk
Pt. Barrow
Nagaeva
Okhotsk
Khabarovsk
Nikolaievsk
Kerbi
Bikin
Khatanga
Tommot
Yakutsk
Lena Mouth
Lyakhovskil
Verkhoyansk
Cherskovo
Sredne Kolymsk
Nordvik
Dikson
Ost Yenisseisk
Franz Joseph Land
Matochkin Shar
Tomsk
Barnaul
Surgut
Obdorsk
Toboisk
Petchersk
Ust Vym
Perm
Kem
Archangel
Vologda
Kazyl Orda
Orenburg
Orsk
Astrakhan
Guryev
Makhachkala
Rostov
Batoum
Sevastopol
Odessa
Constantza
Belgrade
Angora
Adana
Smyrna
Malta
Tripoli
Benghasi
Aswan
Wadi Halfa
Khartoum
Mosul
Hinaidi
Amman
Gaza
Kansk
Krasnoyarsk
Irkutsk
Yeniseisk
Barguzin
Kirensk
Vitim
Olekminsk
Yakutsk
Ust Kamchatsk
Nome
Havana
Jacksonville
Charleston
Washington
Hatteras
Montreal
Nassau
Kingston
Port Prince
Bermuda
Curaçao
S. Juan
Basse Terre
Barbados
Trinidad
Progreso
New Orleans
Chicago
Duluth
Winnipeg
Dodge City
Denver
Miles City
Pueblo
Santa Fe
El Paso
Chihuahua
Mazatlan
Manzanillo
Acapulco
Leon
Monterey
Tampico
Matamoros
Corpus Christi
Veracruz
Fronteras
Guaymas
Salt Lake City
Helena
Prince Albert
Qu'Appelle
Churchill
Chesterfield
Nottingham Is.
Moosonee
Sault St. Marie
White River
Port Arthur
Harrington
Belle Isle
Nantucket
Hatteras Point
Godthaab
Julianehaab
Angmagssalik
Godhavn
Burwell
Reykjavik
Stornoway
Valentia
Shannon
Lerwick
Thorshavn
Vestmannaeyjar
Bodo
Trondheim
Stockholm
Helsingfors
Copenhagen
Skagen
Aberdeen
Belfast
Dublin
Holyhead
Falmouth
Roche's Point
Cherbourg
Le Havre
Paris
Brest
Ushant
Rochefort
Nantes
Limoges
Clermont
Toulouse
Lyon
Geneva
Strasbourg
Frankfurt
Munich
Berlin
Hanover
Hamburg
Warsaw
Libau
Memel
Kovno
Riga
Dorpat
Reval
Petrograd
Moscow
Kazan
Nijni Novgorod
Kostroma
Yaroslavl
Vologda
Archangel
Kem
Kandalaksha
Murmansk
Vardo
Hammerfest
Tromsö
Bodö
Lerwick
Valentia
Shannon
Roche's Point
Falmouth
Aberdeen
Belfast
Dublin
Holyhead
Stornoway
Thorshavn
Vestmannaeyjar
Reykjavik
Godthaab
Julianehaab
Angmagssalik
Godhavn
Burwell
Fort Simpson
Fort Norman
Fort Good Hope
Aklavik
Fort Smith
Fairbanks
Dawson
Nome

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 12th March 1934.

No. 26,408.

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

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	979·1	·20	ESE	2	c	41	95	6	5	7	-	2·3	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	981·1	-14	SE'E	3	c	41	95	8	5	-	-	9+	9+	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	981·6	-6	SSE	2	b	39	95	6	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	975·6	-20	SSE	3	0	44	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	976·3	-4	W	3	c	43	95	7	8	-	-	7-8	7-8	1500
	Scilly (St. Mary's)	163	977·4	-2	NW'W	4	bc	43	85	8	3	-	-	4·6	4·6	2500
	Guernsey	175	974·5	-34	-	0	r.s.	41	95	6	6	-	-	10	10	1500
6	Pembroke	142	975·7	-8	E	1	bc	41	95	7	7	6	-	4·6	4·6	2500
7	Holyhead	26	978·2	0	E'N	3	c	42	~~95~~ 93	6	5	-	-	7-8	7-8	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	980·2	+2	E	3	bc	40	95	6	-	2	-	0	4·6	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	981·7	0	E	5	o/r	41	95	6	6	-	-	10	10	1500
11	Inchkeith	190	985·3	+10	E	8	RR	39	95	7	6	-	-	10	10	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	~~7~~ 8	*	*	*	*	*	2500
13B	Stornoway	34	994·3	+16	ENE	6	c/ph(r)	39	75	8	8	6	-	4·6	7-8	~~5000~~ 4000
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	995·7	+10	ESE	8	c	40	95	8	8	1	-	4·6	7-8	1500
16	Lerwick	54	1002·1	+4	ESE	4	c	37	65	8	8	-	-	7-8	7-8	1500
17	Blacksod Point	18	983·3	+20	E	5	c	43	85	7	8	-	-	10	10	450
18	Malin Head	52	984·2	+6	E'N	5	c	43	95	7	8	-	-	9+	9+	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	977·8	+4	NE'E	3	c	41	95	8	4	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distrct.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	976·3	-10	E'N	3	c/r	41	95	6	5	-	-	9+	9+	1500	1	*
	Croydon	976·5	-10	ENE	2	c/r	40	95	7	5	7	-	7-8	9	800	1	*
	S. Farnborough	975·6	-4	ENE	2	c/r	40	95	6	6	3	-	9+	9+	450	1	*
	Boscombe Down	975·9	+8	N	2	sf	33	95	2	6	-	-	10	10	<150	3	*
	Calshot (S'thmtn)	974·6	-2	N	3	rr	40	95	6	5	-	-	10	10	800	1	2
	Dungeness	*	*	S	4	c	*	*	7	8	-	*	9+	9+	1500	*	3
	Lympne	977·5	-6	SSE	3	ir.	41	95	7	6	-	-	9+	9+	800	1	*
2	Shoeburyness	977·3	-8	SSE	2	pr	42	95	7	6	9	-	4·6	9+	800	1	*
	Felixstowe	978·8	-10	ESE	4	c/r	42	95	7	9	-	6	4·6	7-8	800	1	3
	Gorleston	979·4	-8	E'N	4	ir.	40	95	6	6	-	-	10	10	1500	1	3
	Cranwell	979·6	0	NE	2	F	37	95	1	5	-	-	10	10	<150	1	*
3	Birmingham	979·3	+2	NNE	3	f	37	95	2	5	-	-	10	10	<150	1	*
	Upper Heyford	977·4	-2	NE	2	rr	38	95	5	6	-	-	10	10	220	1	*
4	Ross-on-Wye	978·5	+4	NE	2	3.	38	95	5	5	-	-	10	10	450	1	*
5	Portland Bill	974·6	-6	NNE	4	rr	40	95	7	5	-	-	10	10	1500	1	4
	Plymouth	977·1	+14	NW	3	c	41	95	7	5	1	-	2·3	10	1500	1	2
	The Lizard	978·5	+14	W	3	c	43	85	8	8	7	-	4·6	7·8	2500	1	3
	Scilly (St. Mary's)	978·7	+14	NW'W	3	c	42	85	7	8	7	7	4·6	9	2500	1	2
	Guernsey	975·8	+22	W	5	r.s.	43	95	7	6	-	-	10	10	1500	2	3
6	Pembroke	977·0	+6	NE	1	c	41	85	7	5	4	-	4·6	7·8	2500	1	1
7	Holyhead	979·0	+8	NE	2	c	42	95	5	5	2	-	4·6	10	800	1	1
	Chester (Sealand)	979·9	+10	-	0	m	39	95	4	5	-	-	9+	9+	4000	1	*
8	L'pool (Bidston)	979·8	+6	E	2	m	40	95	4	5	-	-	10	10	800	1	*
	Manchester	979·7	+10	E	2	m	40	95	4	5	-	-	9+	9+	1500	1	*
9	Harrogate	981·5	+6	E	2	id.	40	95	5	6	2	-	9+	10	2500	1	*
10	Spurn Head	979·9	0	ENE	4	c	41	95	7	5	2	-	4·6	7·8	2500	1	3
	Catterick	982·3	+16	ENE	1	o	41	95	8	6	-	-	10	10	800	1	*
	Tynemouth	983·4	+20	E	6	r.s.	41	95	7	6	-	-	10	10	1500	1	4
11	Inchkeith	986·5	+16	E	8	rr	40	95	7	6	-	-	10	10	1500	1	4
	Leuchars	988·8	+28	E	4	c/r	41	85	6	6	2	-	9	10	800	1	*
12	Renfrew (Abbotts I)	986·8	+14	E'N	5	r.r.	41	95	6	6	-	-	10	10	800	1	*
	Eskdalemuir	985·1	+28	NE	3	ss	33	95	6	6	2	-	2·3	10	800	6	
13A	Tiree	988·9	+6	E'N	7	ir	42	85	9	6	7	-	9+	10	1500	1	5
13B	Stornoway	996·7	+16	ENE	6	c	39	75	8	8	7	-	4·6	7·8	2500	1	3
15	Dalwhinnie	*	+8	E	3	is	32	95	6	4	4	-	7·8	10	800	7	*
	Aberdeen	992·5	+20	ENE	6	ir.	41	75	6	6	-	-	10	10	800	1	5
	Wick	996·9	+12	ESE	8	c	39	95	8	8	2	-	7·8	10	1500	1	4
16	Lerwick	1001·8	+6	E'N	4	c	37	65	8	8	-	-	7·8	7·8	1500	6	*
17	Blacksod Point	986·4	+20	NE	7	c	43	75	8	9	-	-	10	10	800	1	4
18	Malin Head	984·9	+8	N'E	5	c	43	95	7	8	-	-	9+	9+	1500	1	1
	Aldergrove	983·2	+8	NE'N	4	ir.	39	95	7	6	-	-	10	10	800	1	*
	Donaghadee	981·7	+2	E	6	q	42	85	8	5	-	-	9	9	1500	0	3
19	Birr Castle	981·6	+14	SE	1	ir.	39	95	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy.†	981·9	+24	NE'N	4	o.p	43	85	7	5	-	-	10	10	1500	1	3
	Roches Point	980·8	+20	NE	3	c	40	95	8	3	-	-	7·8	7·8	1500	1	3

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 11½ Hrs. (36)
1	London (Kew)	49	39	31	1	10	1·2
	Croydon	49	39	35	2	7	1·3
	S. Farnborough	52	38	33	0.4	9	1·7
	Boscombe Down	48	32	32	0.2	13	1·2
	Calshot (S'thmtn)	51	40	37	-	11	2·0
	Dungeness	45	40	*	5	2	*
	Lympne	43	39		7	3	0·0
2	Shoeburyness	47	34	25	1	4	0·9
	Felixstowe	43	36	31	4	5	0·0
	Gorleston	42	36	34	10	2	0·0
	Cranwell	44	32	28	9	Tr.	0·0
3	Birmingham	44	37	26	1	1	0·0
	Upper Heyford	46	37	33	0.2	3	*
4	Ross-on-Wye	48	36	28	0.5	-	0·7
5	Portland Bill	46	37	*	-	8	*
	Plymouth	49	41	39	0·6	1	0·8
	The Lizard	50	42	*	3	-	*
	Scilly (St. Mary's)	51	42	*	0.1	1	4·3
	Guernsey	50	40	40	2	14	3·2
6	Pembroke	49	39	*	Tr.	0·2	1·2
7	Holyhead	45	40	38	0.1	-	2·7
	Chester (Sealand)	45	38	32	0.4	Tr.	0·0
8	L'pool (Bidston)	44	39	38	0·3	0·5	0·1
	Manchester	44	37	30	1	Tr.	0·0
9	Harrogate	40	39	38	6	1	0·0
10	Spurn Head	42	39	*	7	1	0·0
	Catterick	42	38	38	4	3	*
	Tynemouth	42	40	38	3	4	
11	Inchkeith	41	38	36	4	14	0·0
	Leuchars	41	39	37	~~0·96~~	10	0·0
12	Renfrew (Abbotts I)	41	37	36	0.1	4	0·1
	Eskdalemuir	40	33	32	1	5	0·0
13A	Tiree	46	40	38	-	Tr.	2·0
13B	Stornoway	44	37	*	-	Tr.	8·3
15	Dalwhinnie	37	32	31	~~1·06~~	1	0·2
	Aberdeen	40	37	36	2	4	0·0
	Wick	42	35	*	*	Tr.	*
16	Lerwick	40	32	*	0.2	0·6	5·8
17	Blacksod Point	44	41	*	0.2	~~2~~	*
18	Malin Head	43	40	*	*	Tr.	0·0
	Aldergrove	43	39	36	1	3	0·2
	Donaghadee	45	40	*	*	Tr.	*
19	Birr Castle	46	39	38	2	0·1	0·0
20	Valentia Obsy.†	48	38	34	4	3	0·1
	Roches Point	48	37	*	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. %	Humidity. 9h. G.M.T. %	Visibility 9h.
										Yesterday.		To-day.	
Kew	18	cr c bcm	cpr 3b	bbccoRRc	49	39	31	1	10	1·2	*	*	4
Croydon	217	cm pr	prrre	b3cmrrrc	49	39	36	2	7	1·3	*	*	6
Greenwich (Royal Observatory)	149	r c *	cid *	cbcrrmc	52	37	33	0·5	5	1·1	80	91	5
City (Bunhill Row)	—				*	*	*	*	*	1·6	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	41	36	T		2·3	84	83	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	52	39	36	0·6	T	1·6	77	87	*
Camden Square	110	c	cpc	*	52	40	33	1	T	*	*	95	*
Kensington	80	cpbc	bc	*	52	40	33	1	8	2·1	At 18h. 75	93	*
Hampstead Observatory	450	c	bcp	bcor	48	37	28	2	7	1·7	*	99	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·5	22h. 11th.	0·3	24h. 11th — 6h. 12th.

Kew Observatory. Max.	Time.	Min.	Time.
0·3	18h. 11th.	0·1	7h. 11th.

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	987·1	SSW	2	c	48
Brussels	988·8	WSW	6	c.p	45
Berlin	995·8	SE'E	3	c/r	43
Zurich					
Rome	1008·3	SSE	5	o/d	55

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	983·3	S	5	bc	43
Brussels	982·4	SSW	5	c.p	45
Berlin	1002·3	SSE	3	bc	43
Zurich	992·2	NNW	2	c	41
Rome	1006·5	SSE	5	o	55

Past 24 Hours.

Stations.	Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	52	42	8	1
Brussels	48	41	8	1
Berlin	46	39	1	2
Zurich	*	39		0·3
Rome	*	*	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 36.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 13th March 1934.

No. 26,409

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

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)	977.5	+4	-	0	c	45	75	5	5	-	-	9+	9+	1500
	Croydon	977.1	+4	-	0	3o	45	75	6	7	-	-	9+	9+	2500
	S. Farnborough	977.8	+6	NNW	2	r.c.	42	95	5	6	-	-	10	10	450
	Boscombe Down	978.9	+22	NNW	3	r.c.	39	95	6	6	2	-	9+	10	450
	Calshot, S'thmtn	978.3	+22	NNW	4	pr	43	65	5	5	-	-	10	10	1500
	Dungeness	*	*	SSW	5	c	*	*	7	8	-	*	9	9	1500
	Lympne	978.3	+6	SSE	3	o/d.	40	95	8	6	-	-	10	10	450
2	Shoeburyness	977.6	+2	SSW	3	pr	43	85	8	5	-	-	10	10	2500
	Felixstowe	978.8	0	SE	4	r.c.	41	95	7	6	1	-	7-8	9+	1500
	Gorleston	979.2 978.8	+6	SE	4	ir	42	95	6	6	-	-	10	10	1500
	Cranwell	980.1	+4	NE	4	rr	40	95	6	6	-	-	10	10	450
3	Birmingham	980.3	+10	NNE	3	rr	40	95	4	6	-	-	10	10	800
	Upper Heyford	978.6	+6	NNE	4	r.c.	40	95	6	6	-	-	10	10	220
4	Ross-on-Wye	980.9	+14	NNE	2	r.c.	42	85	4	6	-	-	10	10	800
5	Portland Bill	979.9	+24	WNW	4	pr	43	95	7	5	-	-	10	10	1500
	Plymouth	981.3	+18	WNW	3	c	50	65	8	8	-	8	4.6	9	4000
	The Lizard	982.2	+16	W	3	c	51	85	8	8	7	-	4.6	7.8	2500
	Scilly (St. Mary's)	982.4	+14	N	2	c	49	75	8	8	6	6	2.3	7.8	2500
	Guernsey	981.8	+28	W	4	c	49	85	8	8	7	-	4.6	7.8	2500
6	Pembroke	981.5	+8	NW	2	bc	49	65	7	5	6	-	4.6	4.6	2500
7	Holyhead	982.8	+18	NE'N	5	c	45	85	7	5	-	-	9+	9+	4000
	Chester (Sealand)	982.4	+6	NE'N	2	c/pr	45	85	5	5	2	-	9	9+	2500
8	L'pool (Bidston)	982.5	+6	NE	3	rr	45	75	6	6	1	-	4.6	10	1500
	Manchester	981.7	+6	ENE	4	3o	44	75	5	5	-	-	9+	9+	2500
9	Harrogate	983.2	+6	NE	3	id.	39	95	7	6	2	-	9+	10	2500
10	Spurn Head	981.1	0	NE	4	ir	41	95	6	3	2	-	7-8	10	1500
	Catterick	984.4	+6	NE'N	4	id.	40	95	6	6	-	-	10	10	800
	Tynemouth	985.8	+8	E	6	ir	41	85	6	6	-	-	10	10	1500
11	Inchkeith	990.4	+12	E	8	c	39	95	7	9	2	-	7-8	10	1500
	Leuchars	992.7	+16	NE	5	ir	40	85	6	6	-	-	10	10	800
12	Renfrew (Abbotts L)	991.1	+18	E'N	6	c/pr.	42	85	7	8	-	-	9	9	2500
	Eskdalemuir	988.0	+10	NE'N	6	rs	37	95	6	6	2	-	7-8	10	800
13a	Tiree	993.3	+20	E'N	6	c	45	75	8	5	2	-	9	10	1500
13b	Stornoway	993.8	+4	ENE	5	c/pr.	42	65	7	8	7	-	4.6	7.8	1500
15	Dalwhinnie	995.5	+16	E	2	c	36	95	7	4	2	-	4.6	10	800
	Aberdeen	995.9	+10	ENE	5	c/ph(r)	39	85	6	2	2	-	9	10	1500
	Wick	999.4	+8	ENE	8	c	41	85	8	8	1	-	4.6	9	1500
16	Lerwick	1002.4	-2	E'N	4	c	38	65	9	5	2	-	4.6	9	1500
17	Blacksod Point	989.6	+24	NNE	7	q	44	85	8	9	-	-	9/10	9/10	800
18	Malin Head	989.7	+26	NE	5	r.c.	42	95	7	6	2	-	9	10	800
	Aldergrove	987.8	+20	NE	4	r.c.	41	85	7	5	-	-	10	10	800
	Donaghadee	986.1	+14	E	7	q	43	75	8	8	3	-	9/10	9/10	2500
19	Birr Castle	985.8	+16	N	1	ir	42	85	7	6	-	-	10	10	1500
20	Valentia Obsy.	987.7	+22	N'E	5	c	45	65	8	5	-	-	9+	9+	1500
	Roches Point	985.8	+26	NE	4	c	46	75	8	3	-	-	7-8	7-8	2500

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

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)
980.4	+16	W'S	2	m	43	95	4	5	2	-	7-8	10	1500	1	*
980.5	+24	SW'W	3	c/d.	42	85	5	5	7	-	4-6	9+	2500	1	*
981.1	+26	WNW	3	ir	42	85	6	6	-	-	10	10	800	1	*
982.0	+22	NW'W	2	c/d	41	95	4	5	-	-	9+	9+	450	1	*
981.7	+22	W'N	3	c	42	85	6	5	-	-	10	10	1500	1	1
*	*	SW	5	ir	*	*	6	8	-	*	10	10	800	*	3
980.5	+18	SW'W	2	m	41	95	4	5	7	-	9+	10	220	1	*
977.8	0	S'W	3	pr.	42	95	6	5	-	-	9+	9+	2500	1	*
979.3	+10	SE	1	r.c.	40	95	7	6	-	-	10	10	1500	1	1
979.7	+2	SE	3	c	40	95	7	6	-	-	9	9	2500	1	3
980.4	+6	N'W	2	o/d.	40	95	4	5	-	-	10	10	220	1	*
982.5	+14	NNW	3	c/c	39	95	5	6	7	-	9	9+	800	1	*
980.9	+18	N	3	d.d.	39	95	5	5	-	-	10	10	220	1	*
982.9	+10	N'W	2	c	42	85	6	5	-	-	10	10	4000	1	*
982.7	+16	W	4	c	45	95	7	5	7	-	7-8	10	2500	1	3
9840	+18	NW	4	bc	47	65	8	2	-	2	Tr	4-6	4000	1	2
984.6	+16	NW	3	c	46	85	8	8	7	-	4-6	7-8	2500	1	3
985.4	+8	N'E	3	bc	45	75	8	8	6	3	2-3	4-6	2500	1	2
984.8	+18	W'S	3	bc	46	85	8	8	-	1	4-6	4-6	4000	2	3
982.8	+12	NNW	2	3o	46	85	6	5	7	-	7-8	9	2500	1	2
985.3	+14	NNE	5	c	44	85	7	5	-	-	10	10	2500	1	2
984.1	+12	NNE	3	ir	42	85	6	6	-	-	9+	9+	1500	1	*
984.5	+12	NNE	4	c	42	75	7	5	2	-	2-3	10	1500	1	*
982.9	+6	NNE	4	id.	41	85	5	5	-	-	10	10	800	1	*
983.2	0	N	3	rr	38	95	5	6	-	-	10	10	2500	1	*
979.4	0	NNE	3	c	40	95	6	3	7	-	7-8	9+	2500	1	3
983.9	0	N	4	r.c.	39	95	5	6	-	-	10	10	800	1	*
984.8	-8	ENE	6	ir	40	95	6	6	-	-	10	10	1500	1	5
990.2	-2	E	9	c	39	85	7	9	2	-	7-8	10	1500	0	6
993.5	+10	NNE	5	pr	39	75	8	6	-	-	9+	9+	1500	1	*
993.1	+16	NE	4	c	39	75	8	8	-	-	9+	9+	2500	1	*
988.2	+2	NNE	6	rs	35	95	6	6	-	-	9+	9+	800	1	*
996.1	+20	E'N	6	c	41	75	8	4	9	8	2-3	7-8	2500	0	5
1001.0	+8	ENE	5	c	39	55	8	8	6	-	4-6	7-8	2500	1	2
x	+8	E	2	c	33	75	8	4	2	-	4-6	10	2500	6	*
996.1	+4	NE	7	c/phr	39	75	7	6	2	-	9	10	1500	1	4
999.5	0	NE	6	c	39	75	8	8	-	-	7-8	7-8	1500	1	4
1002.0	-4	NE'N	5	bc	37	55	8	5	8	8	4-6	4-6	1500	0	*
992.8	+20	NNE	6	ir	43	95	7	6	-	-	10	10	450	1	5
992.8	+20	NE	5	c	43	95	7	8	-	-	9+	9+	1500	1	2
990.9	+20	NE'N	5	ir	41	75	7	5	2	-	7-8	10	800	1	*
989.9	+16	ENE	6	q	43	75	8	8	3	-	4-6	7-8	2500	0	3
988.6	+20	NE	1	o	42	95	7	6	-	-	10	10	1500	(	*
989.3	+14	N'E	5	pr	46	75	7	6	-	-	9+	9+	1500	1	4
987.9	+12	NE	4	c	44	85	8	3	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

Weather. 7h.–18h. 12th. (37)	18h.–18h. 12th. (38)	18h. 12th to 1h. 13th. (39)	1h.–7h. 13th. (40)
c.c.m.	or.r.c.m	c.r.m.	bc.m.
c.m.r	c.m.r.i.d.e	d.r.r.	c.b.c.m.
c.r.d.q.r.g	o.i.r.m.	o.r.e	c.c.b
o.s.s.r.c.	r.d.d.b.m	c.m.p.b.c	b.c.m
c.c.p.r.c	c.r.m.	c.m.i.d.	c.m.
p.r	p.r		p.r
r.r.d.o.f	o.r.r.c.m	o.m.o.r.r.c.	c.m.
c.p.r.	c.p.r.m.	c.p.r.	c.p.r.c.m.
c.i.r.	c.r.c.	o.r.r.o	o.i.r.3.
o.r.c	o.c.i.r.	o.r.r.	o.c
f.d.r.r	o.r.r.d.o.m	o.r.r.	o.r.r.
o.r	o.r.c.	c	c
o.r.r.R	r.o.d.	o.d.r.	o.d.d.
o.m.c.r.o.m	r.o.g.d.o.c	c.o.m.c	c.o
o.p.r.	o.p.r.c	c	c.b.c.3.
c.p.r.⊕	b.c	b.e.b	b.w.c
c.b.c.c	c.b.c.c	c.b.w	b.w.b.c
c.p.	c.b.c	c.b.c.l	b.c.c.p.q
o.r.R.c	c.b.c	b.c.b.b.c	c.p.b.c
c.b.c	c.b.c.c.3.	b.c	b.c.c
c.m.p.r.	r.o.c	r.o.r.o	i.r.o
c.m.m.	p.r.c.m.	c.m.o.r.	r.o.m.c
m.c.c.r	r.c.o.c	c.o.r	o.c
o.s.c.m	c.i.d.	c.i.d.	b.c.x
o.c.i.r.d	c.o.i.r	c.o.i.r	c.o.i.r
c.i.r	i.r.c	r.r.i.r	i.r
r.o.r.o.m.d.	o.d.o.r.o.m.	o.r.r.r.r.	o.m.o.r.o.
o.i.r.q	o.i.r.o	o.i.r.q	o.i.r.q
o.r.r.c.i.r	c	c.p.r.q	c.p.r.s.q
c.i.r.q	i.r.p.r.h	c.p.r.h.q	r.o.r.q.c
r.o.r.p.r.q	c.i.r.q.c	c	c.y
o.r.s.r.s	c.r.s.r.s	c.r.s.r.s	r.s.i.s.
c.i.r.c	c.b.c	b.c	b.c.b
c.p.r.	c.p.r.	p.s.b.c	c.p.s
i.s	c		b.c
c.i.r.h.q	c.q.i.r.h	c.i.r.h.c	c.q.c
c.p.r.c	c	c.b.c	c.p.h.r.
c	c.b.c.y	b.c.p.r.s.	b.c.p.h.c.p.s
p.r.c.q	p.r.c.q	p.r.c.	c.b.c
c.i.r	c	c	c
c.r.	c.r.r.r.	c.r.o.c	c
c.q	c.q	c.q	c.q
o.i.r.	i.r.o	o.i.r.	o.c
c.p.r.c	c.p.r.	c.p.r.c	c.b.b.c
c	c	c.p.c	e.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.
p, thick fog, ,, less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r_o, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

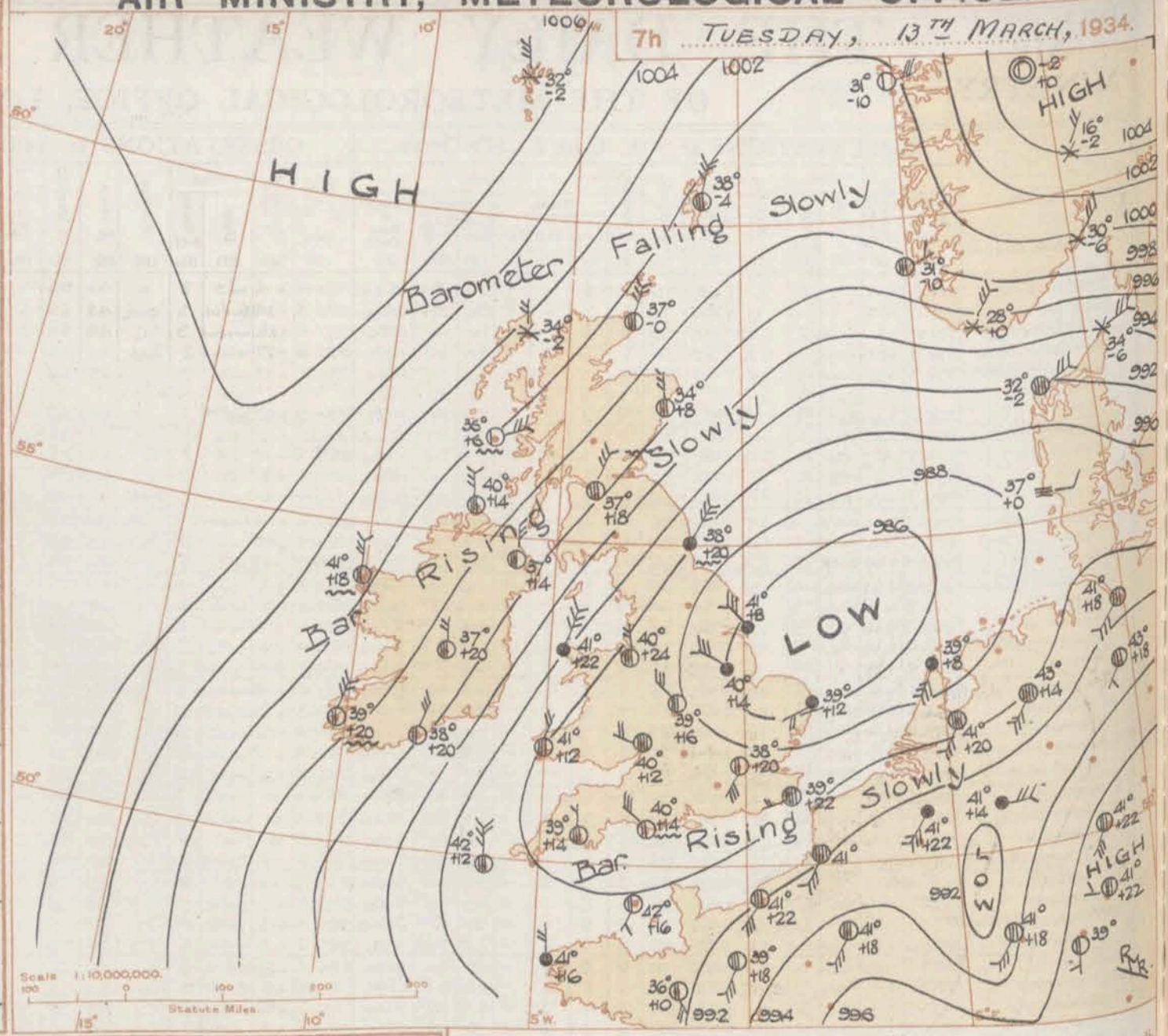
REPORTS from HEALTH RESORTS for Monday 12th. March ....1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 11th. to 9h. 12th.	Temperature. Max. 9h.—17h. 12th.	Rainfall. Night. 17h. 11th. to 9h. 12th.	Rainfall. Day. 9h.—17h. 12th.	Sunshine. Sunrise to 17h. 12th.	Sunshine. Sunrise to Sunset. 11th.
1	Tunbridge W.	or	oro	38	43	9	5	0.1	0.5
	Bournemouth	ro	o	36	45	17	0.3	0.0	1.3
	Ventnor ...	orcu	orou	41	46	6	1	0.3	3.0
	Southsea ...	bcep	ocro	41	47	11	1	1.6	2.1
	Bognor Regis	cbcc	cro	41	47	11	0.3	0.4	2.2
	Littlehampton	crc	o	40	45	3	1	0.0	1.2
	Worthing ...	odo	c	41	47	10	Trace	0.3	1.4
	Brighton ...	cr	crc	40	45	11	2	0.3	1.3
	Eastbourne†	rcrp	orcro	40	45	3	3	0.0	0.6
	Hastings† ...	oppo	orco	40	43	3	2	0.1	0.1
	Folkestone ...	or	oro	40	42	6	1	0.0	0.0
	Dover... ...	roc	codrc	41	43	4	1	0.0	0.0
	Deal	d	d	39	43 (44)	3	2	0.0	0.0
	Ramsgate ...	rc	crbc	39	43	3	1	0.1	0.1
	Margate ...	cro	cr	39	43	3	2	0.0	0.0
2	Southend ...	orc	cor	38	44	5	1	0.1	0.9
	Maldon ...	cir	cir	36	45	5	1	0.4	0.4
	Clacton-on-Sea	cpbccp	cpc	37	43	4	0.4	0.7	0.0
	Dovercourt ...	roc	poc	38	44	5	Trace	0.5	0.0
	Lowestoft ...	oir	opicd	38	44	4	1	0.0	0.0
	Skegness ...	ror	obrdo	40	42	0.3	1	0.2	0.0
	Mablethorpe	omr	orcm	39	42	0.5	2	0.4	0.0
	Cleethorpes...	or	ro	39	42	10	4	0.0	0.0
3	Leamington S.	odo	od	37	42	2	2	0.0	0.0
4	Cheltenham†	orer	orero	37	42	1	3	0.0	1.1
5	Bath	rcrc	rcpc	39	44	3	1	0.0	0.7
	Weymouth ...	c	cbc	39	48	7	-	1.4	0.8
	Jersey ...	rc b	bc	41	50	17	0.5	5.3	3.0
	Torquay ...	rc 3	cpbbc	37	49	5	Trace	2.6	2.6
	Penzance ...	cbcbb	bbcb	41	53	0.5	-	5.6	3.2
	St. Ives ...	b	bp	43	49	1	Tr	5.7	2.2
	Bude	cbc	bc	40	47	-	-	6.2	3.1
	Ilfracombe ...	bcb	bbc	41	48	0.4	-	6.1	2.8
6	Aberystwyth	cbcc	cp	35	46	-	Trace	1.5	0.0
7	Llandudno ...	mco	edcc	41	45	0.1	Trace	0.0	0.1
	Colwyn Bay...	mo	odo	39	44	-	0.3	0.0	0.0
	Rhyl	cmc	orc	40	45	-	0.6	0.0	0.0
8	Wallasey ...	po	Po	39	46	0.5	1	0.0	0.0
	Southport‖ ...	ocdo	o	39	45	-	0.1	0.1	0.2
	Blackpool ...	cpo	o	39	45	0.1	0.1	0.2	0.0
	Morecambe ...	cblbc	c	40	44	-	-	1.0	0.6
9	Ilkley... ...	circ	cdc	38	42	1	1	0.0	0.0
10	Berwick-on-T.	orcro	rco	39	41	18	2	0.0	0.0
11	Dunbar ...	oPR	oPR	39	42	19	1	0.0	0.0
12	Troon... ...	rcoc	cqrbc	37	44	0.3	Trace	0.7	1.4
	Douglas ...	cmcm	rcir	39	44	1	3	0.4	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 TUESDAY, 13TH MARCH, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Light or moderate west or northwest wind; cloudy, occasional local rain at first, then mainly fair; rather cold.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate northerly wind, backing; mainly fair apart from local showers at first; rather low to moderate temperature.
9. N Midlands 10. N.E England	Moderate or fresh northeast or north wind, backing; cloudy, occasional rain at first, bright intervals later; rather cold.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Fresh to moderate northerly wind, backing; local wintry showers at first, bright intervals; rather cold.
13. A. W Scotld. B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16 Orkneys and Shetlands.	Moderate or light northerly wind, backing; freshening later; bright intervals and local wintry showers at first, rain probable tomorrow; rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate northerly wind, backing; mainly fair at first; rain probable tomorrow; rather low to moderate temperature.

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

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 5/10 clouded. Sky 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 depression centred off the Wash is moving northeast slowly and filling up. There will be further occasional rain at first in Eastern England and local showers elsewhere. Another depression advancing from the Atlantic will affect the northwestern districts later in the period.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1025 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
13th March
1934.

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

Tuesday 13th. March 1934.

No. 26.409

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

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	9954	+12	SW	3	0/c	41	95	6	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	9961	+13	W	3	c/r	40	95	6	5	-	-	9	9	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	9921	+10	WSW	2	0/r	40	95	6	6	-	-	10	10	1500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill....	32	9964	+10	W	3	bc	43	95	7	5	-	-	4·6	4·6	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	9930	+4	NW	3	b	42	95	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	9990	+8	NNW	3	bc	44	95	7	2	-	-	2·3	2·3	4000
	Guernsey ...	175	9998	+14	SSW	2	bc	43	95	8	8	-	-	4·6	4·6	2500
6	Pembroke ...	142	9965	+12	N	2	bc	41	75	7	5	6	-	2·3	4·6	2500
7	Holyhead ...	26	9974	+4	NNE	6	r r	41	95	7	6	-	-	10	10	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	9926	+4	N	3	c r	40	95	7	3	-	-	10	10	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	9969	+6	NE	6	c r	40	95	7	6	-	-	10	10	1500
11	Inchkeith ...	190	9923	+3	NE	9	c	37	95	7	9	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1001·7	-2	ESE	3	c	39	75	8	8	6	-	4·6	7·8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1000·1	0	NE	5	bc	38	65	8	8	1	-	4·6	4·6	1500
16	Lerwick ...	54	1000·8	-8	NE	2	bc	35	95	8	8	-	-	4·6	4·6	1500
17	Blacksod Point	18	9973	+24	N	4	bc	42	85	8	9	-	-	4·6	4·6	1500
18	Malin Head ...	52	9964	+6	N	4	c	40	65	7	4	-	-	9	9	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	9950	+14	NE'E	4	c	42	95	7	-	2	-	0	10	-
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
988·7	+16	WSW	2	c	38	95	6	5	-	8	4·6	7·8	4000	1	*
989·1	+20	SW	3	bc	38	95	6	-	7	-	0	4·6	-	1	*
989·0	+20	W'S	1	b	36	95	6	5	3	-	Tr.	1	4000	1	*
989·2	+20	-	0	m	36	95	4	5	5	4	4·6	7·8	4000	1	*
989·3	+20	SSW	1	c	39	95	6	5	-	-	10	10	800	1	0
*	*	SW	3	c	*	*	6	8	-	*	10	10	1500	*	2
989·1	+22	WSW	2	3o	39	95	5	5	-	-	10	10	2500	1	*
987·9	+16	SW	3	c	40	85	6	5	7	-	4·6	9+	4000	1	*
986·9	+20	SW	4	ir o	41	95	6	6	-	-	10	10	800	1	3
985·2	+12	WSW	2	id o	39	95	6	6	-	-	10	10	1500	1	2
986·2	+14	NW'W	4	r o r o	40	95	6	6	-	-	10	10	450	1	*
989·2	+16	NW	3	c	39	95	5	5	-	-	9+	9+	2500	1	*
989·0	+22	WNW	3	r o r o	38	95	5	6	-	-	10	10	220	1	*
989·8	+12	W'N	2	o	40	85	7	5	-	-	10	10	1500	1	*
989·6	+14	NW	3	bc	40	95	6	5	-	-	4·6	4·6	1500	1	4
989·9	+14	NNW	1	c	39	95	7	5	-	-	9	9	1500	1	3
990·4	+10	NW	2	bc	38	95	8	4	-	-	4·6	4·6	2500	1	3
991·2	+12	N	5	q	42	95	7	9	6	-	4·6	7·8	1500	1	3
990·2	+16	SSW	1	bc	42	95	7	8	3	-	4·6	4·6	2500	1	3
988·7	+12	NNE	2	c	41	75	7	8	7	-	4·6	9+	2500	1	2
990·7	+22	NNE	6	ir o	41	85	6	6	-	-	10	10	1500	1	3
990·4	+24	N	2	c	40	85	6	5	2	-	7·8	9	2500	1	*
990·6	+24	N'E	3	c	39	85	8	5	-	-	7·8	7·8	1500	1	*
989·1	+22	N	1	bc	37	85	6	5	4	-	4·6	4·6	2500	1	*
989·1	+10	N	3	ir o	37	95	7	6	2	-	9+	10	2500	1	*
9848	+8	NW	4	ir o	41	95	7	3	7	-	4·6	9+	1500	1	3
989·7	+22	N'W	4	r o r o	38	95	6	6	-	-	10	10	450	1	*
989·9	+20	NE	6	r o r o	38	95	6	6	-	-	10	10	1500	1	5
995·2	+16	NE	8	c/prs	36	85	7	9	-	-	10	10	1500	1	5
996·4	+10	N	3	c	36	75	8	5	-	-	9+	9+	4000	1	*
996·8	+18	NE'N	4	c	37	55	8	5	8	-	9+	9+	4000	1	*
994·0	+22	NNE	5	is	34	85	6	6	-	8	4·6	9+	1500	1	*
999·9	+6	ENE	4	b	36	65	9	2	4	8	Tr.	1	2500	0	4
1001·6	-2	N	2	ps	34	95	8	8	7	-	7·8	9	1500	3	1
999·5	+10	E	1	c	23	95	8	4	1	-	2·3	7·8	2500	6	*
997·3	+8	N'W	3	c	34	75	7	8	3	9	2·3	7·8	2500	1	3
998·9	0	NNE	5	c/phr	37	85	8	9	1	-	4·6	9	1500	1	3
999·8	-4	NE'N	5	c/p	38	65	8	8	3	-	4·6	7·8	800	6	*
1000·2	+18	N	4	bc	41	75	8	-	7	-	0	4·6	-	1	4
998·2	+14	N	4	c	40	65	7	4	7	-	4·6	9+	1500	1	2
996·6	+14	N	3	c	37	75	8	5	1	-	9+	10	2500	1	*
997·0	+16	E	6	q	42	85	8	9	-	-	7·8	7·8	1500	0	3
997·3	+20	N	2	c	37	75	8	5	-	-	9+	9+	2500	1	*
998·6	+20	NE'N	5	bc	39	75	8	5	-	-	4·6	4·6	2500	1	4
996·5	+20	NE	3	bc	38	85	8	3	-	-	4·6	4·6	2500	1	3

PAST 24 HOURS.

District.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 12th Hrs. (36)
1	46	38	33	1	Tr.	0·2
	45	38	34	1	0·6	0·0
	44	35	29	1	Tr.	0·0
	41	35	30	3	0·5	0·0
	45	38	33	1	Tr.	1·1
	45	39	*	2	Tr.	*
	42	38	*	5	0·5	0·0
2	(43) 44	40	36	1	0·6	0·0
		39	38		0·2	0·2
	43	37	36	1	-	0·0
	41	38	36	6	4	0·0
3	41	38	36	5	-	0·0
	41	38	36	3	0·5	*
4	43	38	33	1	-	0·0
5	46	37	*	1	-	*
	51	38	31	Tr	-	3·7
	51	38	*	-	-	*
	50	41	*	0·1	1	5·5
	49	41	35	4	0·1	5·4
6	51	39	*	-	-	3·7
7	45	40	40	0·2	1	0·2
	46	39	37	Tr	0·3	0·0
8	45	37	36	1	1	0·0
	45	34	27	Tr	Tr	0·1
9	40	37	37	2	1	0·0
10	43	39	*	4	10	0·1
	41	37	37	2	6	0·0
	42	37	36	4	8	*
11	44	34	33	3	2	0·1
	42	33	32	2	3	0·1
12	44	36	31	1	-	0·5
	37	33	32	12	6	0·0
13A	45	36	33	0·1	-	0·8
13B	42	32	*	Tr	2	3·5
15	37	22	17	1	Tr.	0·4
	42	34	31	1	Tr.	0·0
	41	35	*	Tr	0·1	*
16	39	33	*	-	2	4·3
17	44	39	*	1	Tr.	*
18	44	39	*	2	-	0·0
	42	37	33	5	Tr.	0·0
	45	40	*	-	-	*
19	43	35	31	1	0·2	0·0
20	47	39	35	Tr	1	0·8
	47	37	*	-	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	cr cm o	or r cm	cr bc cm o	46	38	33	1	Tr.	0·2	*	*	6
Croydon	217	c mir	c mir id c	dr r c bm o	45	38	34	1	0·6	0·0	*	*	6
Greenwich (Royal Observatory) ...	149	r o c o	o c i d f	or r cm	46	38	33	Tr.	1	0·0	78	87	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	45	39	33		1	0·1	77	88	*
†Regents Pk. (Botanic Gardens) ...	128	*	*	*	45	39	35	0·4	1	0·0	92	95	*
Camden Square	110	cpc	cor	*	45	39	35	0·5	1	*	*	91	*
Kensington	80	cop	co	*	45	39	34	0·4	0·4	0·0	At 18h. 91	91	*
Hampstead Observatory	450	cp	cp	or	43	38	36	0·4	0·5	0·0	*	88	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0·8	14h. 12th.	<0·3	22h. 12th. — 7h. 13th.

Kew Observatory. Max.	Time.	Min.	Time.
0·6	14h. 12th.	0·1	6h. 13th.

FOREIGN OBSERVATIONS.

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

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	987·1	SSW	5	c	48
Brussels	984·7	SSW	4	c/p	43
Berlin	989·8	E	4	3o	52
Zürich	983·8	NW	1	r o r o	37
Rome					

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
994·6	SSW	4	c	41
991·6	SSW	5	r r	41
993·0	WSW	4	ir o	46
1001·8	SSE	2	of	34
1006·2	SE	5	o	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
52	41	1	Tr.
54	39	1	6
56	43	0·1	1
48	34	3	4
	*		Tr.

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 14th March 1934.

No. 26.410.

District	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 13th March														OBSERVATIONS at 18h. G.M.T. 13th March														PAST 24 HOURS.			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force 0-12	Weather.	°Temp.	% 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)	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	Weather. 7h.–13h. 13th.	Weather. 13h.–18h. 13th.	Weather. 18h. 13th to 1h. 14th.	Weather. 1h.–7h. 14th.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	992.3	+20	WNW	2	r6	44	85	6	5	2	-	4.6	10	1500	994.7	+26	NNW	2	c/r	44	75	6	5	1	-	9+	10	2500	1	*	cr	cir	o6oro	orc
	Croydon	992.5	+14	WNW	3	c/p6	45	75	6	7	3	-	7-8	9+	1500	994.7	+18	NW	1	m	44	75	4	7	7	-	7-8	9+	4000	1	*	c3p6	c3p6cm	p6mr6	r6m6
	S. Farnborough	992.1	+14	N	2	c	49	65	6	2	-	2	4.6	7.8	4000	994.6	+20	N'W	2	ir6	43	75	6	5	-	-	10	10	5700	1	*	bbcc	bcir6	coir6	oir6r6
	Boscombe Down	992.3	+10	NNW	2	3o	46	75	6	2	-	4	4.6	4.6	1500	995.0	+22	N	2	c	42	95	6	8	-	-	9+	9+	5700	1	*	bc3o	bcepr6	cm6	ciromo
	Calshot, S'thmtn	992.6	+14	-	0	bc	49	65	6	2	-	-	4.6	4.6	2500	994.4	+16	WSW	2	c/phr	45	85	6	8	-	-	9+	9+	2500	1	0	cbcm6	cprh6	cm6bc	bccpr
	Dungeness	*	*	SW	3	c/pr	*	*	6	8	-	*	9	9	1500	*	*	SW	2	c	*	*	6	5	1	*	4.6	7.8	1500	*	0	pr	c		§
	Lympne	992.4	+14	SW's	3	3o	49	75	6	2	-	-	4.6	4.6	1500	994.6	+14	SSW	1	c/r	40	95	7	5	-	-	9+	9+	2500	1	*	cbc3o	PHRq	cpr6c	com6
2	Shoeburyness	991.8	+20	W'N	3	ir6	45	85	6	6	7	-	7-8	9+	4000	994.3	+20	WSW	1	c/r6	43	85	6	5	2	-	7-8	10	4000	1	*	cir6m6	cir6m	cm6	crrc
	Felixstowe	990.6	+20	W	3	c/r6	44	85	6	6	2	-	9	10	800	993.7	+20	NW	2	bc	41	85	7	4	-	1	2-3	2-3	2500	1	1	oir6	c3o6	b,c	ccir6
	Gorleston	988.7	+16	WSW	4	id6	43	95	6	6	-	-	10	10	2500	992.5	+20	WNW	4	c/d6	42	85	6	6	-	-	10	10	2500	1	3	cid6	oid6c	ocbco	oc
	Cranwell	990.9	+18	NNW	4	c	43	85	7	8	-	-	9	9	2500	994.8	+18	NW	3	c/p6	39	95	7	6	-	-	9+	9+	1500	1	*	oir6c	cpr6	cpr6	cb§x
3	Birmingham	992.7	+22	NNW	2	m	43	75	4	5	-	-	9	9	1500	996.0	+16	NNW	3	pr	40	85	5	6	7	-	7-8	10	2500	1	*	c	cpr6	r6c	cbx
	Upper Heyford	992.4	+16	NW	2	c/pr	43	85	6	8	-	-	9+	9+	1500	995.1	+20	N	2	3o	41	85	6	5	-	-	9+	9+	2500	1	*	Rr6c	cpr6	cpr6	coirs
4	Ross-on-Wye	993.0	+14	N'W	2	c	45	75	7	8	1	-	9+	10	2500	995.7	+14	N	2	c/pr6	41	85	6	5	-	-	9+	9+	4000	1	*	coc	cp6	cip6o	om6
5	Portland Bill	992.5	+18	NW	3	bc	47	85	7	4	-	-	2.3	2.3	2500	994.3	+16	NW	3	bc	42	95	7	4	-	-	2.3	2.3	2500	1	3	bc3o	bc	bcrr	orrc
	Plymouth	992.9	+10	WNW	3	c	46	75	8	8	-	-	9+	9+	2500	995.5	+14	NW	4	3o	45	75	6	5	-	-	9+	9+	4000	1	2	cwbmc	c3o	c3o6	~~c~~bbcx
	The Lizard	993.8	+10	N	3	c	46	75	8	8	-	-	7.8	7.8	2500	997.5	+20	NNW	3	bc	42	85	8	8	6	-	4.6	4.6	2500	1	2	bcp6	cbc	bcw	bcc
	Scilly (St. Mary's)	995.1	+20	N'E	5	pr	43	85	7	8	-	-	9	9	1500	997.9	+16	N	5	q	43	75	8	8	6	-	4.6	7.8	2500	1	3	cp.	cpq	cbcp6	bcc
	Guernsey	993.0	+18	W	1	c	48	75	7	8	-	-	9+	9+	2500	995.7	+20	-	0	bc	44	85	7	1	-	-	2.3	2.3	2500	1	2	bcc	cp6bc	bbcco	od6c
6	Pembroke	~~994.9~~	+20	NNE	2	c	45	65	7	7	-	-	7.8	7.8	4000	~~997.9~~	+16	NNE	2	cjp	41	85	7	8	7	-	~~7.8~~	9+	2500	1	2	c	c	bcb	bbcc
7	Holyhead	995.1	+22	NNE	6	ir6	42	85	7	6	-	-	10	10	1500	997.2	+10	NNE	4	c	42	75	7	5	3	-	7.8	7.8	4000	1	2	ir6c	ir6c	cbc	c
	Chester (Sealand)	994.3	+18	NNE	3	r6r6	41	85	6	5	-	-	10	10	1500	997.0	+18	NNE	2	ir6	40	75	6	5	-	-	9	9	2500	1	*	r6cr6rm6	cr6r6	bcbmx	bxmbc
8	L'pool (Bidston)	994.3	+12	NE'N	3	r6r6	40	85	8	6	-	-	10	10	1500	996.8	+10	NE	2	c	40	75	6	5	-	-	7.8	7.8	2500	1	*	cor6r	cir6c	c	cps6§
	Manchester	993.1	+20	NE'E	4	pr	42	65	6	5	-	-	9+	9+	1500	996.0	+20	NNE	2	3o	39	75	6	5	7	-	4.6	9+	2500	1	*	bccpr	cpr6	cbc§	bc§x
9	Harrogate	992.4	+14	N	3	c/p6	39	85	7	3	-	-	7.8	7.8	2500	996.0	+14	N	3	c	36	85	7	3	-	-	9+	9+	2500	1	*	cp6	cbcp6	cb	bx
10	Spurn Head	988.8	+10	NNW	6	ir	41	95	7	3	2	-	7-8	9+	2500	993.2	+14	NW	6	pr	39	95	7	3	2	-	7-8	9+	2500	1	4	ir	irpr	pr6c	cbcx3
	Catterick	993.4	+14	N	4	cjp	40	75	7	8	-	-	9+	9+	1500	996.4	+18	NW	3	c	36	85	7	8	3	-	9	9+	1500	1	*	r6r6cpr	pr6c	cbcbx	bx
	Tynemouth	993.4	+16	NE	6	ir	38	85	7	6	-	-	9	9	1500	994.5	+10	NNE	4	bc	39	65	7	9	-	-	4.6	4.6	1500	1	3	ocirh	cirbc	bcpbc	bc
11	Inchkeith	996.8	+12	NNE	4	bc	41	65	8	2	6	-	2.3	4.6	2500	997.1	+2	NNE	4	c	36	85	8	8	-	-	9+	9+	2500	1	3	cbc	prc	cbc	bc3ox
	Leuchars	997.5	+4	NNE	3	bc	44	55	8	7	-	1	4.6	4.6	4000	997.5	0	WNW	1	bc/ps	36	95	8	8	-	-	4.6	4.6	1500	1	*	cbcvy	pshps	bcbbx	bxbxv
12	Renfrew (Abbotts'l)	998.2	+2	NE'N	4	bc	42	55	9	1	-	1	2.3	2.3	4000	998.1	0	N'E	3	c	40	65	9	5	-	-	7.8	7.8	5700	1	*	cbcyv	bcyvc	cvbxm6	bbcx§
	Eskdalemuir	996.1	+8	NNE	4	c	36	75	8	7	-	8	2.3	9+	1500	997.4	+8	NNW	2	bc	35	65	8	5	-	-	4.6	4.6	2500	1	*	cisc	cbcy	ph6bx	bx
13A	Tiree	1000.5	0	NE'E	3	b	43	65	9	7	-	-	1	1	4000	999.0	-10	E'N	1	bcjp	38	75	9	8	-	-	4.6	4.6	2500	0	2	b	bbc	bcbx	bcc
13B	Stornoway	1000.9	-4	NE	3	bc	42	65	9	8	6	-	4.6	4.6	2500	999.1	-6	N	2	bc	38	75	9	7	7	-	2.3	4.6	2500	1	1	cbcps	bcjp	bc	bcp§v
15	Dalwhinnie	*	0	NE	2	is6	34	95	8	4	2	-	4.6	10	1500	999.2	+2	-	0	bc	30	95	8	4	1	-	2.3	2.3	2500	6	*	c	bc	*	b
	Aberdeen	997.5	0	N'W	3	c/prs6	38	~~35~~	6	8	-	-	9+	9+	2500	997.2	0	NNW	3	bc	36	75	8	8	-	-	2.3	2.3	2500	1	3	cprs6⊕	cphbcph	b	bbcx
	Wick	998.8	0	NNE	4	c	41	85	8	8	1	-	4.6	7.8	1500	997.7	-10	N	3	bc	39	85	8	8	6	-	4.6	4.6	1500	1	3	cprsc	prsbc	bc	bc
16	Lerwick	998.7	-14	ENE	4	c	40	65	8	8	7	-	4.6	7.8	1500	997.4	-6	NE'E	6	c/ph	37	75	8	8	7	-	4.6	7.8	1500	1	*	cpshps	cph	bcpsphc	bccps6
17	Blacksod Point	1001.5	+6	N	4	bc	44	65	9	9	-	-	4.6	4.6	2500	1000.1	-6	N	2	b	42	65	9	-	-	-	0	0	-	1	3	pr6bc	bc	cbc	irq
18	Malin Head	999.5	+4	N	3	bc	41	55	8	8	-	-	2.3	2.3	1500	998.6	-8	N	2	b	41	65	9	2	-	-	1	1	1500	0	1	cbc	bc	bc	bcc
	Aldergrove	998.8	-2	NNE	3	c	41	55	9	7	7	1	9	9+	4000	998.9	0	NNE	1	b	40	55	9	7	-	-	1	1	4000	1	*	cis6ir6c	cbcbv	bybx	bxc
	Donaghadee	998.5	+4	NE	4	bc	41	65	8	5	-	-	4.6	4.6	1500	998.3	-2	NE	2	bc	41	65	8	5	2	-	2.3	4.6	1500	0	1	cbc	bc	bcc	c
19	Birr Castle	1000.0	+16	N	1	c	42	65	8	5	-	-	9+	9+	2500	1000.0	0	NE	1	c	41	75	8	5	-	-	9	9	2500	1	*	c	cr6c	cb	bxcr
20	Valentia Obsy.	1001.1	+10	NE'N	4	bc	46	45	8	7	-	-	4.6	4.6	2500	1000.9	0	NNW	2	bc	43	55	9	-	-	4	0	2.3	-	1	3	bbcy	bcy	bcybc	cbrorq
	Roches Point	999.8	+20	NE	4	bc	44	65	9	3	-	-	2.3	2.3	1500	1000.7	+6	NE	3	bc	45	65	9	3	-	-	2.3	2.3	1500	0	3	bcv	bcv	bcvb	bcorr

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.
g, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s6, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s6/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
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. r6, slight rain. rr, continuous rain.
< . less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ⟋ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; −, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

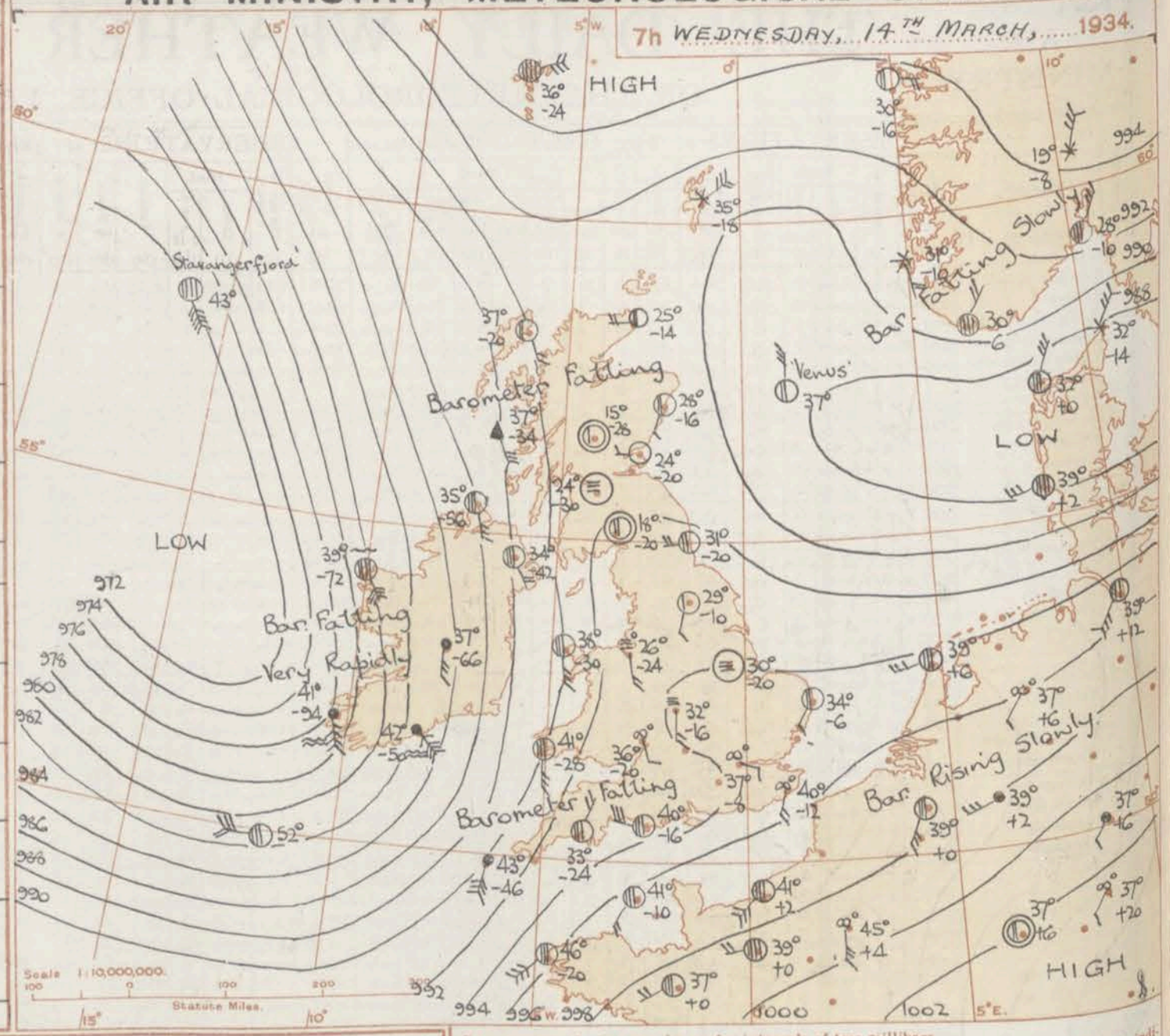
REPORTS from HEALTH RESORTS for Tuesday 13th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 12th to 9h. 13th.	Temperature. Max. 9h.—17h. 13th.	Rainfall. Night. 17h. 12th to 9h. 13th.	Rainfall. Day. 9h.—17h. 13th.	Sunshine. Sunrise to 17h. 13th.	Sunshine. Sunrise to Sunset. 12th.
1	Tunbridge W.	bcop	oc	38	49	0·3	Trace	4·2	0.1
	Bournemouth	bbc	bc	37	51	-	-	4.6	0.0
	Ventnor ...	ocb	bbc3	40	50	-	-	7·8	0.9
	Southsea ...	bc	bbc	38	51	-	-	5.4	1.6
	Bognor Regis	bc	bc	39	48	-	-	4·8	0.4
	Littlehampton	bc	bc	38	48	0·3	-	5·6	0.0
	Worthing ...	bbcc	cbcc	40	49	0.5	-	5.7	0.3
	Brighton ...	bc	bc	41	47	0.2	-	4.8	0·3
	Eastbourne†	cbcc	crcbbc	41	47	0.1	0·2	3.4	0.0
	Hastings† ...	cbcc	cbcc	40	46	0·2	-	1·0	0.1
	Folkestone ...	bccbc	bccr	39	47	1	1	2·9	0·0
	Dover... ...	mcbc	mbccir	40	46	1	2	4·0	0·0
	Deal	cbc	cro	42	50	1	3	4·3	0·0
	Ramsgate ...	bcc	c	38	49	1	-	3·6	0·1
	Margate ...	bc	bcc	40	47	1	-	5·2	0·0
2	Southend ...	cmor	orf	39	46	1	0·3	1·1	0·1
	Maldon ...	do	o	41	46	0·3	-	0.0	0.4
	Clacton-on-Sea	opc	cbc	40	46	0·6	-	0·2	0.7
	Dovercourt ...	roc	bc	40	46	Trace	Trace	1·0	0·5
	Lowestoft ...	circ	c	38	45	2	0.4	0·1	0·0
	Skegness ...	oro	obc	39	43	2	0·2	0·0	0·2
	Mablethorpe	orm.	orm.	39	42	4	2	0·0	0.4
	Cleethorpes ...	oir	ocr.	39	41	10	1	0.1	0·0
3	Leamington S.	oc	co	39	46	1	-	1·6	0·0
4	Cheltenham†	omipc	com.	38	43	-	Trace	0.2	0·0
5	Bath	c	cr.	35	47	Trace	0·3	0·1	0·0
	Weymouth ...	b	bcc	35	53	-	-	5·3	1·4
	Jersey ...	rcbc	bc	43	47	3	-	5·5	5.7
	Torquay ...	bwbbc	bc	33	50	-	-	4·0	2·7
	Penzance ...	bcpcb	bbcrc	41	50	1	1	3.7	6·0
	St. Ives ...	c	pr	41	45	Trace	Trace	1.7	5·9
	Bude	c	c	35	45	-	-	0·5	6·3
	Ilfracombe ...	cbc	cbcc	42	47	-	-	1·9	6·1
6	Aberystwyth	oc	cir.	40	44	-	Trace	0.0	1·5
7	Llandudno ...	r.o	poc	40	42	1	0·2	0.0	0.0
	Colwyn Bay...	oro	ocbc	39	41	0.5	-	0.0	0·0
	Rhyl	cir.c	c	39	42	1	0.1	0·0	0.0
8	Wallasey ...	op	poc	38	45	1	0·3	0.0	0.0
	Southport‖ ...	o	odoc	38	43	1	Trace	0.0	0.1
	Blackpool ...	oc	pc	39	44	1	0.1	0.4	0·2
	Morecambe ...	cbcc	bcc	38	43	0·3	-	1·2	1·0
9	Ilkley... ...	bcpr	bcpr	37	41	1	Trace	4.0	0.0
10	Berwick-on-T.	o	bc	36	42	4	-	3·5	0·0
11	Dunbar ...	cpr	bc	33	41	3	-	4·3	0.0
12	Troon... ...	coxc	bcc	36	45	-	-	5.4	0·7
	Douglas ...	cbq	cbbc	37	43	3	-	2·6	0.4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h WEDNESDAY, 14TH MARCH, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Freshening southerly wind, veering later; dull, some rain, bright intervals later; rather low to moderate temperature.
5. S.W. England 6. South Wales	Fresh or strong southwest to west wind, gale locally; occasional rain or showers, bright intervals; moderate temperature.
7. North Wales 8. N.W. England	Fresh or strong southerly wind, gale locally; dull, some rain or sleet, snow on hills; bright intervals later; rather cold.
9. N Midlands 10. N.E England 11. S.E. Scotland	Light variable wind, freshening from south or southeast; cloudy to dull, some rain or sleet, snow on hills; rather cold.
12. S.W. Scotland & Isle of Man	Wind freshening from south or southeast; cloudy to dull, some rain, sleet or snow; rather cold.
13. A. W Scotld. B. N.W. Scotland.	Fresh or strong southeasterly wind, gale locally; cloudy to dull, rain later with snow on hills; rather cold.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Light variable wind, freshening from southeast or east; fair at first, rain or sleet later with snow on hills; rather cold.
17. N.W. Ireland 18. N.E. Ireland	Fresh or strong southeasterly wind; dull, some rain, sleet locally; rather cold.
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.

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 1/5 clouded. Sky 1/5 to 3/5 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. co Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression centred off Northwest Ireland is moving east and an associated trough of low pressure is approaching our southwest coasts. Weather will be unsettled generally.

FURTHER OUTLOOK.

Unsettled.

Times of issue of Gale Warnings.

South Cone at 0240 on 14th in districts 13, 17 and 20.

South Cone at 0750 on 14th in districts 5,6,7,8, 12, 18 and 19.

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

Forecasts issued at 1030 G.M.T.

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

Morning of
Wednesday
14th March 1934
1934.

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 14th March 1934.

No. 26,410.

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

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	996.6	+2	NE	2	o/r	40	95	6	5	-	-	10	10	500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	996.8	0	E'N	2	3o	38	95	6	5	-	-	9	9	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	995.9	0	WSW	2	0	39	95	7	6	-	-	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	996.5	+2	N	3	rr	42	95	6	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	998.7	-2	NNW	2	bc	39	96	8	8	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	999.5	-8	NNW	2	bc	40	86	8	2	-	-	4-6	4-6	2500
	Guernsey	175	997.4	+6	W	3	o	43	95	7	5	-	-	10	10	2500
6	Pembroke	142	996.9	0	NNE	1	b	37	95	7	-	-	-	0	0	-
7	Holyhead	26	996.7	-10	-	0	bc	37	85	7	5	-	-	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	994.7	0	W	4	c	37	95	6	5	2	-	7-8	9+	1500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	995.3	-4	NW	2	bc	33	85	6	2	-	-	4-6	4-6	2500
11	Inchkeith	190	996.5	-14	W	2	bc	34	95	8	5	-	-	2-3	2-3	4000
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	995.3	-26	-	0	bc	34	95	8	7	-	-	2-3	2-3	4000
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	994.6	-16	W	3	bc	29	95	8	3	-	-	2-3	2-3	1500
16	Lerwick	54	994.4	-10	ENE	4	bc/ps	35	85	8	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	995.4	-40	SE	4	u	40	85	7	8	-	-	10	10	800
18	Malin Head	52	994.7	-24	S	1	b	33	85	9	5	-	-	Tr	Tr	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	993.6	-50	S	4	c	40	95	7	5	-	-	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	994.1	-14	E'N	2	c	39	95	5	5	-	-	10	10	2500	1	*
	Croydon	995.3	-8	E'S	1	3o	37	95	5	5	-	-	9	9	800	1	*
	S. Farnborough	993.6	(-10)	ENE	2	c/s	38	95	3	5	-	-	10	10	450	1	*
	Boscombe Down	993.8	-2	NW	1	o/s	36	95	3	5	-	-	10	10	<150	1	*
	Calshot, (S'thmtn)	994.4	-10	-	0	c	38	95	6	8	-	-	9	9	2500	1	1
	Dungeness	*	*	SSW	4	q	*	*	6	8	-	*	7.8	7.8	1500	*	2
	Lympne	995.1	-12	S'W	2	3o	40	95	5	5	-	-	10	10	450	1	*
2	Shoeburyness	995.0	-12	E'S	2	ERC	38	95	7	5	7	-	4.6	9+	1500	1	*
	Felixstowe	994.9	-14	E	1	ic	37	95	7	6	2	-	7-8	10	800	1	1
	Gorleston	995.5	-6	SW	1	bc	34	95	6	4	3	-	2-3	4.6	2500	1	2
	Cranwell	994.0	-20	-	0	b/s	30	95	3	-	3	-	0	1	-	4	*
3	Birmingham	994.1	-16	SSE	2	bc/s	32	95	3	5	-	1	4.6	4.6	5700	1	*
	Upper Heyford	993.8	-20	-	0	is	33	95	4	6	-	-	10	10	450	1	*
4	Ross-on-Wye	993.4	-20	SE	1	3o	36	95	5	5	-	-	10	10	800	1	*
5	Portland Bill	993.5	-16	WNW	3	c	40	95	7	5	4	-	4.6	7.8	2500	1	3
	Plymouth	993.9	-24	NE	2	c	33	95	7	5	-	5	4.6	7.8	1500	1	1
	The Lizard	993.0	-24	S	4	c	43	75	8	5	2	-	7-8	10	2500	1	3
	Scilly (St. Mary's)	990.3	-46	SSW	6	ic	43	75	7	8	-	-	9	9	1500	1	2
	Guernsey	996.5	-10	SW	2	c	41	85	8	8	1	-	4.6	10	4000	1	3
6	Pembroke	989.4	-28	S	3	c	41	75	7	5	7	-	4.6	7.8	2500	1	2
7	Holyhead	989.7	-30	SSE	4	c	38	85	8	5	-	-	9	9	1500	1	1
	Chester (Sealand)	992.6	-24	SSE	2	m	26	95	4	-	3	6	0	4.6	-	4	*
8	L'pool (Bidston)	991.8	-16	SE	3	bc/s	31	95	3	-	-	6	0	2.3	-	4	*
	Manchester	992.7	-20	SE	1	b/s	29	95	2	-	-	2	0	4.6	-	4	*
9	Harrogate	993.1	-10	SW	1	b	29	75	6	-	4	-	0	Tr	-	4	*
10	Spurn Head	992.1	-6	WSW	2	3o	33	95	5	5	-	-	4.6	4.6	800	1	1
	Catterick	992.6	-20	WSW	1	b	26	95	8	-	-	5	0	Tr	-	4	*
	Tynemouth	992.3	-20	W	2	bc	31	85	6	2	-	-	2.3	2.3	2500	4	
11	Inchkeith	992.2	-22	-	0	bc	31	95	6	5	4	-	1	2.3	1500	4	0
	Leuchars	991.5	-20	W	1	b	24	95	9	8	-	-	Tr	Tr	4000	4	*
12	Renfrew (Abbotts D)	991.1	-30	-	0	b/s	24	95	3	7	-	1	4.6	4.6	4000	4	*
	Eskdalemuir	992.4	-20	-	0	bc	18	85	8	-	-	1	0	2.3	-	4	*
13A	Tiree	987.6	-34	SE'S	4	sh	37	75	8	6	2	-	7-8	9+	1500	0	3
13B	Stornoway	989.4	-20	SE	2	bc	37	75	9	8	4	-	4.6	4.6	2500	1	1
15	Dalwhinnie	*	-28	-	0	b	15	95	8	4	-	-	1	1	2500	6	*
	Aberdeen	990.6	-16	SW	1	bc	28	85	7	8	-	9	4.6	4.6	4000	4	2
	Wick	990.4	-14	W	2	bc	25	95	8	8	4	-	2.3	4.6	1500	5	2
16	Lerwick	990.3	-18	ENE	5	ps	35	75	8	8	7	1	4.6	7.8	1500	6	*
17	Blacksod Point	979.6	-72	SE	6	q	39	85	7	9	-	-	10	10	450	1	4
18	Malin Head	985.3	-56	SE	3	c	35	75	8	5	9	-	1	9+	1500	4	0
	Aldergrove	989.2	-42	SE	2	c	34	75	8	5	-	9/s	9+	10	4000	1	*
	Donaghadee	988.5	-24	W	2	c	38	75	7	9	-	-	7.8	7.8	1500	0	0
19	Birr Castle	982.9	-66	S	3	r	37	85	7	6	2	-	9	10	2500	1	*
20	Valentia Obsy.†	978.9	-34	SSE	7	rr	41	95	6	6	-	-	10	10	800	1	5
	Roches Point	983.4	-50	SE	8	rr	42	95	7	6	-	-	10	10	1500	1	6

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 13th Hrs. (36)
1	London (Kew)	47	38	36	2	5	0.0
	Croydon	48	37	36	Tr	0.2	2.9
	S. Farnborough	50	37	35	Tr	2	4.3
	Boscombe Down	48	35	34	Tr	1	3.5
	Calshot, (S'thmtn)	50	37	33	0.1	2	3.9
	Dungeness	46	35	*	Tr	Tr	*
	Lympne	49	37	33	4	Tr	3.3
2	Shoeburyness	48	36	35	0.1	2	0.8
	Felixstowe	45	35	33	Tr	0.1	1.1
	Gorleston	44	33	32	Tr	-	0.0
	Cranwell	44	29	22	1	0.1	0.3
3	Birmingham	43	32	20	0.1	0.5	0.9
	Upper Heyford	45	33	32	2	0.6	*
4	Ross-on-Wye	45	36	35	Tr	0.1	0.0
5	Portland Bill	49	37	*	-	2	*
	Plymouth	47	33	29	-	-	2.8
	The Lizard	47	37	*	0.1	-	*
	Scilly (St. Mary's)	45	38	*	2	Tr	0.4
	Guernsey	52	40	33	Tr	0.1	6.0
6	Pembroke	47	35	*	-	1	2.4
7	Holyhead	43	34	28	Tr	-	0.1
	Chester (Sealand)	42	24	17	0.3	Tr	0.0
8	L'pool (Bidston)	42	30	28	Tr	Tr	0.0
	Manchester	43	27	18	Tr	-	0.0
9	Harrogate	39	27	20	Tr	-	0.7
10	Spurn Head	41	33	*	1	0.2	0.0
	Catterick	40	26	20	1	-	0.2
	Tynemouth	40	30	28	2	0.5	*
11	Inchkeith	44	31	20	0.1	-	5.1
	Leuchars	44	24	17	0.6	-	5.4
12	Renfrew (Abbotts D)	44	23	17	-	-	6.3
	Eskdalemuir	39	16	13	1	Tr	4.3
13A	Tiree	45	28	13	-	Tr	10.0
13B	Stornoway	43	31	*	1	1	8.1
15	Dalwhinnie	36	14	7	1	-	3.5
	Aberdeen	42	27	21	0.3	-	5.7
	Wick	42	25	*	1	-	*
16	Lerwick	41	33	*	2	1	7.3
17	Blacksod Point	44	36	*	Tr	Tr	*
18	Malin Head	42	31	*	-	-	7.4
	Aldergrove	44	26	19	Tr	-	3.8
	Donaghadee	43	37	*	-	-	*
19	Birr Castle	43	30	19	Tr	Tr	2.4
20	Valentia Obsy.†	47	34	35	-	11	3.0
	Roches Point	47	33	*	-	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 24 hrs. ended 9h. Morning.	Afternoon.	Night.	Temperature. Day Max. °F.	Night Min. °F.	Min. on Grass °F.	Rainfall. Day. mm.	Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	9h. G.M.T. %	Visibility 9h.
										Yesterday.		To-day.	
Kew	18	cr,r	cir,	o,s,rhc	47	38	36	2	5	0.0	*	*	5
Croydon	217	c3,p,r,s	c3,p,r,s,m	p,r,m,s,q,fog	48	37	36	Tr	0.2	2.9	*	*	6
Greenwich (Royal Observatory)	149	cir,r,m	r,c,i,r,m	c,r,r,h,r,m	47	37	36	1	6	0.1	74	96	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	48	38	37	3		0.0	69	98	*
†Regents Pk. (Botanic Gardens)	128	*	*	*	47	37	36	2	3	0.0	77	95	*
Camden Square	110	crc	cor	*	47	37	36	2	3	*	*	94	*
Kensington	80	cr	crbc	*	48	38	37	1	2	0.0	At 18h. 82	92	*
Hampstead Observatory	450	or	cp	o,r,r	45	33	29	4	5	0.0	*	100	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	11h 13M	<0.3	24h 13M, 7h 14M

Kew Observatory. Max.	Time.	Min.	Time.
0.7	22h 13M	0.1	1h 14M

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 13th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 14th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	996.1	W	3	c	46	999.1	S	3	3o	41
Brussels	994.8	SW	3	ic	43	996.9	SSW	3	c	39
Berlin	997.5	SSW	4	c	46	998.8	SSW	4	c	39
Zürich	1001.5	SSE	1	c	39	1006.2	SSW	1	m	32
Rome	1004.9	WSW	8	c	63	1003.7	SE	8	o	59

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
48	41	-	1
50	37	3	5
52	36	Tr	-
43	32	-	-
*	*	-	-

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	1–2	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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 15th March 1934.

No. 26.411

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

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)	988·6	-28	S	4	c	45	65	6	5	1	-	4·6	10	2500
	Croydon	989·8	-30	SW'S	5	ir$_o$	44	65	6	5	2	-	7·8	10	1500
	S. Farnborough	987·8	-42	SW	4	ir$_o$	42	85	7	6	2	-	7·8	10	1500
	Boscombe Down	985·6	-58	SSE	6	rr	42	85	6	6	-	-	10	10	800
	Calshot, S'thmtn	988·0	-50	SSE	6	ir$_o$	44	75	7	5	7	-	2·3	10	1500
	Dungeness	*	*	SW	5	q		75	5	9	-	*	10	10	1500
	Lympne	991·6	-18	SW	6	c	43	85	8	9	2	-	7·8	9	800
2	Shoeburyness	989·9	-22	SSW	3	c	45	65	7	8	1	-	2·3	10	4000
	Felixstowe	990·0	-26	S	5	ir	41	85	7	6	2	-	7·8	10	1500
	Gorleston	989·5	-32	SSE	4	o/pr$_o$	39	95	6	6	-	-	10	10	2500
	Cranwell	987·7	-36	SE	3	3$_o$	36	95	5	5	-	-	10	10	800
3	Birmingham	985·8	-52	SSE	4	r$_o$r$_o$	39	75	5	6	-	-	10	10	1500
	Upper Heyford	986·6	-46	SSW	4	r$_o$r$_o$	40	85	6	6	2	-	7·8	10	800
4	Ross-on-Wye	982·1	-68	SE	3	rr	40	85	6	6	-	-	10	10	2500
5	Portland Bill	983·4	-64	SSE	6	ir	43	95	7	5	-	-	10	10	1500
	Plymouth	979·9	-82	S	8	rr	43	95	6	6	2	-	9+	10	800
	The Lizard	976·2	-94	S	8	RR	45	95	6	6	-	-	10	10	1500
	Scilly (St. Mary's)	976·4	-38	W'N	5	c/pr	45	95	7	8	-	-	7·8	7·8	2500
	Guernsey	986·4	-72	S	6	rr	44	95	6	6	-	-	10	10	1500
6	Pembroke	973·9	-72	SSE	5	rr	41	95	6	5	-	-	10	10	800
7	Holyhead	977·0	-82	SE'E	6	rs	37	95	5	6	-	-	10	10	800
	Chester (Sealand)	983·0	-58	SE	4	ir$_o$	38	85	5	5	-	-	10	10	1500
8	L'pool (Bidston)	982·0	-50	SE'S	4	fg	37	85	4	5	-	-	10	10	1500
	Manchester	984·3	-50	SSE	4	m	37	85	4	5	-	-	10	10	1500
9	Harrogate	986·1	-30	SSE	3	c	37	75	5	5	-	-	10	10	2500
10	Spurn Head	987·0	-20	ESE	4	c	39	85	7	3	2	-	7·8	10	2500
	Catterick	985·0	-48	SE	4	3$_o$	38	65	6	5	1	-	4·6	10	4000
	Tynemouth	986·6	-34	S	3	c	39	65	7	6	-	-	7·8	7·8	1500
11	Inchkeith	985·1	-26	SE	3	c	39	75	8	2	-	8	4·6	9+	2500
12	Leuchars	985·7	-30	ESE	3	c	42	55	8	1	-	6	2·3	7·8	2500
	Renfrew (Abbotsl.)	984·0	-36	ESE	4	3$_o$	41	55	6	1	-	7	4·6	10	4000
	Eskdalemuir	983·5	-46	SE'E	4	c	36	65	8	5	2	8	4·6	9	1500
13a	Tiree	979·9	-38	SE'S	6	3$_o$	39	65	6	6	1	-	9	10	1500
13b	Stornoway	984·1	-20	ESE	4	bc	41	55	9	1	-	4	1	4·6	4000
15	Dalwhinnie	984·9	-36	S	2	bc	36	95	8	4	1	3	2·3	4·6	2500
	Aberdeen	986·0	-26	SSE	3	b	41	65	7	8	-	1	1	1	4000
	Wick	986·2	-18	NE	3	c	36	95	8	8	1	-	4·6	7·8	1500
16	Lerwick	986·7	-26	NE	3	bc	37	55	9	8	3	8	4·6	4·6	1500
17	Blacksod Point	966·8	-28	SE	4	c	39	95	7	9	-	-	10	10	800
18	Malin Head	974·9	-58	SE	4	rs	37	85	7	6	-	-	10	10	800
	Aldergrove	977·5	-60	E'S	6	ss	35	95	6	6	1	-	9	10	220
	Donaghadee	989·3	-20	ESE	6	q	40	65	7	6	-	-	7·8	7·8	1500
19	Birr Castle	976·3	-44	SW	2	c/r	42	95	8	6	2	-	7·8	9	1500
20	Valentia Obsy.	974·6	+12	W	6	pr	45	75	8	9	-	-	9+	9+	1500
	Roches Point	974·0	0	W	4	c	46	85	8	3	-	-	7·8	7·8	1500

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

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)	977·8	-42	SSE	6	rr	42	85	6	6	-	-	10	10	450	1	*
	Croydon	979·0	-60	S	6	rr	41	86	6	6	-	-	10	10	1500	1	*
	S. Farnborough	976·1	-66	SW	7	RR	41	95	6	6	-	-	10	10	450	1	*
	Boscombe Down	973·8	-56	S'W	6	rr	42	95	5	6	2	-	9	10	450	1	*
	Calshot, S'thmtn	976·1	-76	S	8	rr	43	85	5	6	-	-	10	10	450	1	4
	Dungeness	*	*	S	6	RR	*	*	4	9	-	*	10	10	1500	*	4
	Lympne	982·5	-60	SSE	5	rr	41	95	6	6	2	-	9+	10	800	1	*
2	Shoeburyness	981·1	-60	S	6	rr	42	95	6	6	-	-	10	10	800	1	*
	Felixstowe	981·9	-60	SE'S	6	r$_o$r$_o$	42	85	7	6	2	-	7·8	10	2500	1	4
	Gorleston	984·0	-30	SSE	6	rr	41	85	6	6	-	-	10	10	2500	1	4
	Cranwell	976·9	-62	SE'E	6	rr	37	95	6	6	-	-	10	10	450	1	*
3	Birmingham	974·1	-60	SSE	4	rr	37	95	6	6	-	-	10	10	800	1	4
	Upper Heyford	975·3	-64	SE	5	rr	39	95	7	6	2	-	9	10	450	1	*
4	Ross-on-Wye	972·6	-50	SSW	3	id$_o$	42	95	7	6	-	-	10	10	1500	1	*
5	Portland Bill	975·6	-20	SW	6	ir	45	95	7	5	-	-	10	10	1500	1	5
	Plymouth	977·2	+20	W	4	3$_o$	45	75	6	5	2	-	7·8	9+	1500	1	4
	The Lizard	978·5	+20	W	5	c/pr	43	85	5	8	7	-	4·6	7·8	2500	1	4
	Scilly (St. Mary's)	978·5	+18	WNW	7	q	45	65	7	2	4	3	2·3	4·6	2500	1	5
	Guernsey	979·9	+10	S'W	4	ir	45	95	7	6	-	-	10	10	1500	2	4
6	Pembroke	971·6	0	WSW	5	q	45	75	6	5	1	1	1	2·3	1500	1	4
7	Holyhead	968·8	-28	W'S	3	ir$_o$	43	85	6	6	-	-	10	10	1500	1	2
	Chester (Sealand)	972·2	-52	SSE	4	r$_o$r$_o$	38	95	5	6	-	-	10	10	800	1	*
8	L'pool (Bidston)	971·2	-40	SE'S	5	rs	37	95	6	6	-	-	10	10	1500	1	*
	Manchester	973·0	-70	SE	5	ir$_o$	38	85	6	6	2	-	9	10	800	1	*
9	Harrogate	976·2	-50	E	3	rr	35	95	4	6	-	-	10	10	1150	1	*
10	Spurn Head	977·9	-26	SE	6	r	40	95	6	3	2	-	7·8	10	1500	1	4
	Catterick	975·9	-52	ESE	4	r$_o$r$_o$	36	95	5	6	-	-	10	10	1500	1	*
	Tynemouth	978·0	-50	SE	5	ir$_o$	39	85	6	6	-	-	10	10	1500	1	3
11	Inchkeith	978·4	-32	E	4	c	37	75	8	8	2	-	4·6	10	2500	0	3
12	Leuchars	978·9	-44	ESE	4	c	38	65	8	5	7	8	4·6	10	2500	1	*
	Renfrew (Abbotsl.)	976·6	-34	E'N	5	is$_o$	36	85	5	6	2	-	2·3	10	1500	1	*
	Eskdalemuir	975·9	-38	E'N	4	ss	32	95	4	6	-	-	10	10	1500	1	*
13a	Tiree	973·9	-30	ESE	6	c	38	55	7	6	2	-	2·3	10	1500	0	4
13b	Stornoway	979·3	-14	ESE	4	bc	39	65	9	7	7	1	2·3	4·6	4000	1	2
15	Dalwhinnie	978·2	-40	S	4	c	32	95	7	4	4	-	4·6	10	800	6	*
	Aberdeen	981·0	-30	SE'E	3	cjp	37	75	6	8	1	6	2·3	9	4000	1	2
	Wick	982·0	-20	E	3	c	37	95	8	8	3	-	4·6	7·8	1500	6	3
16	Lerwick	983·1	-14	E	2	bc	34	75	9	7	-	-	4·6	4·6	1500	1	*
17	Blacksod Point	966·4	-2	WNW	7	q	42	85	7	9	-	-	10	10	450	1	6
18	Malin Head	968·6	-30	E	7	r$_o$r$_o$	38	95	5	6	-	-	10	10	450	1	4
	Aldergrove	969·2	-44	E	5	r$_o$r$_o$	35	95	6	6	-	-	10	10	220	1	*
	Donaghadee	969·6	-30	SE	7	rr	38	95	7	6	-	-	10	10	800	1	3
19	Birr Castle	970·1	0	W	3	pr	41	85	7	9	-	-	9+	9+	2500	1	*
20	Valentia Obsy.	974·4	-2	WSW	6	c	44	75	8	8	-	1	4·6	7·8	1500	1	5
	Roches Point	975·2	+8	W	4	bc	42	65	8	3	-	-	4·6	4·6	1500	1	6

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 14th. (37)	13h.–18h. 14th. (38)	18h.–1h. 14th to 15th. (39)	1h.–7h. 15th. (40)
London (Kew)	prhc	orrm$_o$	cprb	bbc
Croydon	cic$_o$m$_o$	r$_o$orrq	orrr$_o$b	bpr$_o$
S. Farnborough	r$_o$fccr	orrRR	orrbm$_o$	bcc
Boscombe Down	ofmbic$_o$	oprm$_o$	crrbcpr$_o$	bccp
Calshot, S'thmtn	cm$_o$prq$_o$	orrm$_o$	orcbc	cqpr$_o$
Dungeness	c	r		d
Lympne	cm$_o$c	ccrrq	rrqbc	bccr
Shoeburyness	cprhm$_o$	cprrrq	orrqcq	cqbcq
Felixstowe	rr rsrscr	cr$_o$r$_o$q	r$_o$orr$_o$b	bbc pr$_o$
Gorleston	cqpr$_o$	oirq	orrbc	bcq
Cranwell	bfo	oorr	orrc	bc
Birmingham	c	orr	orb	bcir$_o$
Upper Heyford	ocr$_o$	crrm$_o$	crrb	bc
Ross-on-Wye	cor	rrqo	bcdo	oraccr
Portland Bill	oir	oir	c	cprc
Plymouth	cr$_o$rr$_o$	crrm$_o$	cm$_o$b	cpr
The Lizard	crr$_o$	rrprc	PRbcl	prhrt
Scilly (St. Mary's)	crrp	cpq	clpq	pphrq
Guernsey	cor$_o$r	oir	bcprq	bcoir
Pembroke	crrm$_o$qc	cmbcq	bcq	capr
Holyhead	r$_o$r$_o$o	rsir$_o$qc	prbc	r$_o$r$_o$q$_o$o
Chester (Sealand)	bcm$_o$o	or$_o$rrm$_o$	r$_o$r$_o$m$_o$bc	crr$_o$
L'pool (Bidston)	mcom	omrsq	ocirc	cocpr
Manchester	befx	orrm	cprm$_o$	cm$_o$
Harrogate	bbcc	corr	corrs	cir
Spurn Head	3c	cqr	rrqbq	bcc
Catterick	bxc3$_o$	c3$_o$r$_o$r$_o$	r$_o$r$_o$rr	om$_o$r$_o$cm$_o$
Tynemouth	bxbcc	cs$_o$s$_o$	ssm	ssom
Tiree	c·3$_o$	3$_o$is$_o$	cis$_o$	crsr
Stornoway	bc	bc	bcc	c
Dalwhinnie	bc	bc	*	is
Aberdeen	bcxb	bbcc	cpsoir	orr
Wick	bcc	pspsh	cpsc	cpsc
Lerwick	cpsh$_o$bcy	bc	bcpsh$_o$	bccirs
Blacksod Point	irsq	prhcq	prhcq	PRHq
Malin Head	crsrs	crsrs	cirs	cpr
Aldergrove	cr$_o$-rsrs	ossrsr$_o$	or$_o$rc	c
Donaghadee	phrcq	corrq	oirc	c
Birr Castle	rrsr	cpr	cpr	cpr
Valentia Obsy.	orRRpr	pr$_o$phc	cphrq	epr$_o$q
Roches Point	orrfc	phrbc	phprc	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.
ff, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

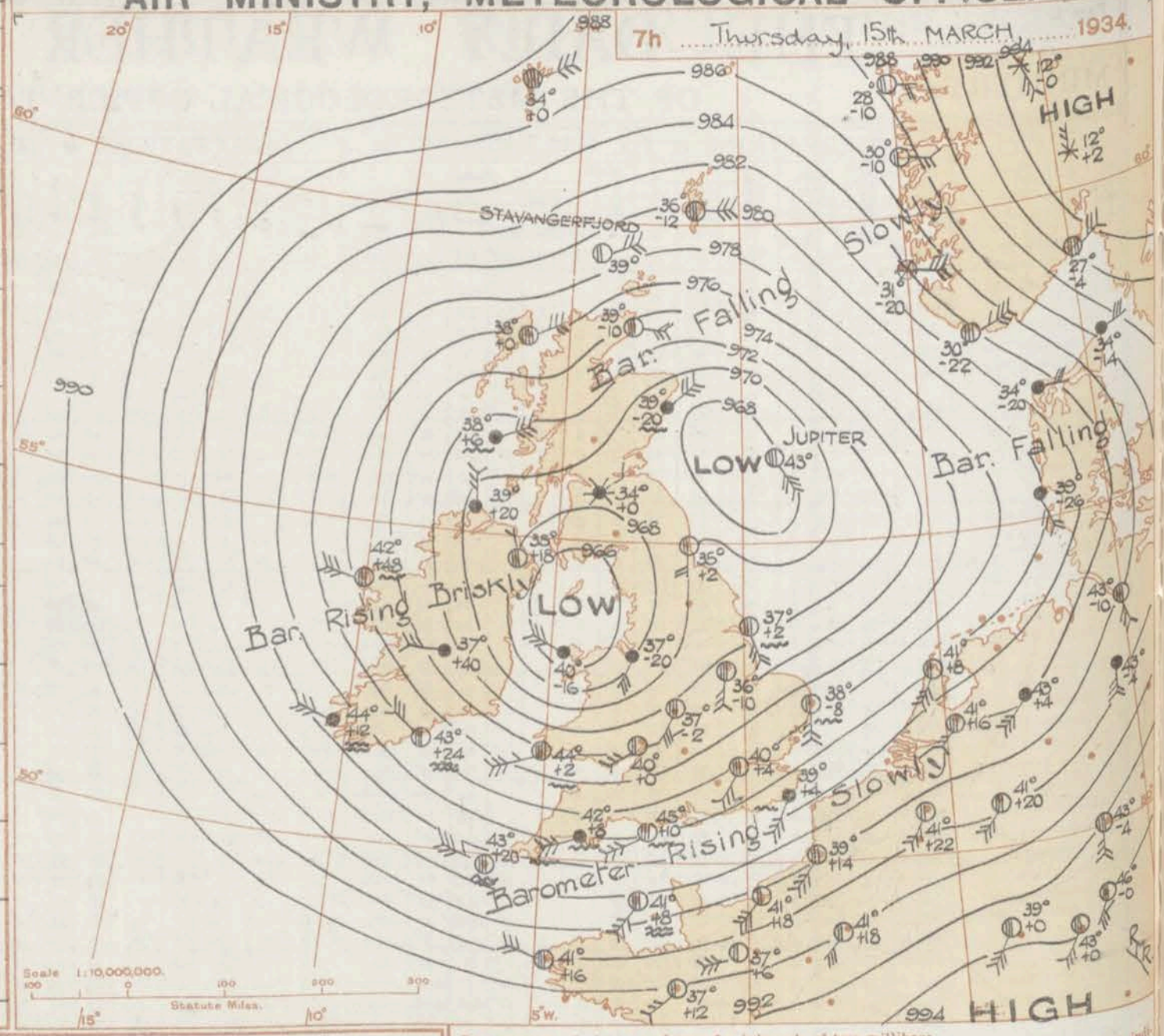
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 14th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 13th to 9h. 14th	Temperature. Max. 9h.—17h. 14th	Rainfall. Night 17h. 13th to 9h. 14th	Rainfall. Day. 9h.—17h. 14th	Sunshine. Sunrise to 17h. 14th	Sunshine. Sunrise to Sunset. 13th
1	Tunbridge W.	bc	or	37	45	11	3	1·1	4·2
	Bournemouth	crr	rro	37	44	1	9	0·2	4·6
	Ventnor ...	obcow	owor	39	45	–	5	1·5	7·8
	Southsea ...	bcob	orr	38	45	3	7	0·8	5·4
	Bognor Regis	bbcc	orr	39	45	0·5	5	1·1	4·8
	Littlehampton	bc	cor	36	44	0·2	6	1·0	5·6
	Worthing ...	cbcc	rorr	38	45	0·3	3	1·1	5·7
	Brighton ...	bc	crc	40	44	–	3	1·0	4·8
	Eastbourne†	cbco	orr	36	46	–	2	1·6	3·4
	Hastings† ...	cbcc	cor	38	47	trace	1	2·7	1·0
	Folkestone ...	rchbc	bccr	39	46	0·3	1	1·1	2·9
	Dover... ...	cjhbc	bcro	40	45	0·1	0·3	1·2	4·0
	Deal	chc	cocr	38	45	2	1	1·4	4·3
	Ramsgate ...	c	cr	39	45	3	0·3	0·8	3·6
	Margate ...	cbc	bccr	39	47	5	0·6	1·1	5·0
2	Southend ...	owqc	corq	37	45	1	0·5	1·2	1·1
	Maldon ...	oc	oir	38	45	2	0·3	0·2	0·0
	Clacton-on-Sea	coPcp	c	36	43	4	0·5	0·3	0·2
	Dovercourt ...	boc	roc	35	44	2	trace	0·6	1·3
	Lowestoft ...	cbpH	cio	32	43	–	1	0·0	0·1
	Skegness ...	bbco	or	33	43	–	0·5	2·3	0·0
	Mablethorpe	becm	corm	28	42	0·3	0·5	2·7	0·0
	Cleethorpes...	bbc	cor	29	43	0·4	0·2	3·7	0·1
3	Leamington S.	o	or	31	41	–	3	0·0	1·6
4	Cheltenham†	omor	orr	35	41	trace	10	0·0	0·2
5	Bath	rrc	rr	34	44	12	6	0·0	0·1
	Weymouth ...	cir	rrr	38	46	1	6	0·0	5·3
	Jersey ...	bcr	r	41	46	0·2	5	0·1	5·7
	Torquay ...	owjbcr	pqRcq	33	45	–	12	0·0	4·0
	Penzance ...	mrr	cbccr	35	48	2	8	0·2	3·7
	St. Ives ...	rr	c	37	48	2	14	0·2	1·7
	Buda	or	orc	31	49	trace	4	0·3	0·5
	Ilfracombe ...	rr	roc	36	47	3	7	0·0	1·9
6	Aberystwyth	cir	irc	30	42	–	1	0·0	0·0
7	Llandudno ...	co	rrsr	31	39	–	5	0·1	0·0
	Colwyn Bay...	bco	cbo	31	40	–	1	0·2	0·0
	Rhyl	xbccz	orrc	27	39	–	1	0·2	0·0
8	Wallasey ...	cr	rr	32	38	–	3	0·5	0·0
	Southport‖ ...	oco	or	27	38	–	2	0·0	0·0
	Blackpool ...	o	or	26	39	–	3	0·0	0·4
	Morecambe ...	xbcmb	crcr	24	41	–	2	1·0	1·2
9	Ilkley	bbcc	crs	22	38	–	2	1·3	4·0
10	Berwick-on-T.	bc	co	28	39	0·5	–	4·7	3·6
11	Dunbar ...	bcx	bc	33	40	–	–	5·1	4·4
12	Troon... ...	bcxbc	bcc	30	44	–	–	1·7	5·4
	Douglas ...	xcbcqm	csR	29	40	–	5	0·0	2·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Fresh or strong squally southwest to west winds, moderating; bright intervals and showers, heavy in places, hail locally; temperature about normal.
5. S.W. England 6. South Wales 7. North Wales	Strong squally west or northwest wind, moderating; bright intervals and showers, heavy in places, hail and thunder locally; temperature about normal.
8. N.W. England 9. N Midlands 10. N.E England	Light or moderate variable wind, fresh locally; cloudy or variable sky, occasional rain or showers, sleet locally; rather cold.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate northeasterly or variable wind, fresh locally; cloudy, occasional rain or sleet, snow on hills; rather cold.
13. A. W Scotland. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Fresh or strong winds between east and north; cloudy, occasional rain or sleet, snow on hills; rather cold.
17. N.W. Ireland 18. N.E. Ireland	Fresh or strong northwesterly winds; cloudy, or variable sky; occasional rain or showers, sleet locally; rather cold.
19. S.E. Ireland 20. S.W. Ireland	Fresh or strong squally west or northwest wind; bright intervals and showers, hail and thunder locally; moderate or rather low temperature.

GENERAL INFERENCE.

A deep depression is centred over the Irish Sea and a trough of low pressure over the North Sea is swinging round it. Weather will be unsettled but there will be bright intervals in most districts.

FURTHER OUTLOOK.

Unsettled but bright intervals.

Times of issue of Gale Warnings.

South Cone at 0240 on 14th in 13A., 13B. 17 and 20.
" " " 0750 " 14th in 5,6,7,8,12,18 & 19.
" " " 1350 " 14th in 1,2, and 10.

Forecasts issued at 1010 G.M.T.

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

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 15th March 1934.

No. 26-411

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

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°Temp. °F. (6)	%Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	978	+14	SW	4	b	40	85	7	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	979.9	+18	SWW	4	3o	40	95	6	–	1	–	0	4-6	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	975.5	+6	SSW	4	bc	40	95	7	4	–	–	2-3	2-3	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill....	32	979.1	+10	W'S	6	c	43	85	7	5	–	–	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	981.0	+2	W	7	bc	43	85	7	8	–	–	4-6	4-6	2500
	Scilly (St. Mary's)	163	980.5	0	NNW	6	c/pr	41	85	7	3	–	–	9	9	1500
	Guernsey ...	175	983.1	+8	WSW	6	q	42	85	7	8	–	–	4-6	4-6	2500
6	Pembroke ...	142	971.5	-4	WSW	5	q	44	65	7	8	–	–	4-6	4-6	1500
7	Holyhead ...	26	969.2	-8	SW	5	bc	41	85	7	2	–	–	4-6	4-6	1500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	973.4	-4	SW	4	bc	40	85	7	–	2	–	0	4-6	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	969.0	-58	SSW	2	ir	38	95	7	6	–	–	10	10	1500
11	Inchkeith ...	190	969.6	-58	E	4	rr	38	95	8	6	–	–	10	10	2500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	976.4	-12	ENE	5	c	37	75	7	8	1	–	4-6	7-8	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	977.7	-18	ESE	3	c	36	95	8	8	1	–	4-6	7-8	1500
16	Lerwick ...	54	982.2	-6	E	2	bc/ps	35	85	8	8	–	–	4-6	4-6	1500
17	Blacksod Point	18	968.9	+20	WNW	7	q	40	95	7	9	–	–	10	10	450
18	Malin Head ...	52	966.2	-4	NE	4	c	39	95	7	6	–	–	10	10	800
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	977.2	+14	W	8	PH(R)	38	95	7	6	–	–	9	9	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Distrct.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°Temp. °F. (20)	%Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	978.4	+4	SSW	4	bc	40	85	8	5	–	3	2-3	4-6	1500	1	*
	Croydon ...	978.8	+4	SSW	4	c/pr	40	85	8	5	3	1	4-6	7-8	800	1	*
	S. Farnborough	978.5	+2	SWW	5	c	39	85	8	8	7	3	2-3	7-8	800	1	*
	Boscombe Down	977.9	+6	SWS	4	c/pr	39	85	8	9	3	8	2-3	7-8	4000	1	*
	Calshot (S'thmtn)	979.8	+10	SW	5	bc	43	75	8	8	–	3	4-6	4-6	1500	1	3
	Dungeness ...	*	*	SW	7	ir	*	*	5	3	–	*	10	10	1600	*	4
	Lympne ...	981.0	+4	SWS	6	ir	39	95	7	9	–	–	9+	9+	800	1	*
2	Shoeburyness	978.7	-2	SW	5	q	41	75	8	5	8	5	4-6	4-6	2500	1	*
	Felixstowe ...	978.2	0	S	5	bc/pr	40	85	8	8	–	1	4-6	4-6	1500	1	3
	Gorleston ...	977.2	+8	S	5	bc	38	85	6	4	–	–	2-3	2-3	4000	1	4
	Cranwell ...	972.5	-10	S	4	c	36	85	8	6	–	2	7-8	7-8	800	1	*
3	Birmingham ...	972.9	-2	SSW	3	c/r	37	95	8	6	7	–	7-8	9	1500	1	*
	Upper Heyford	975.8	-4	SSW	4	c	38	95	8	5	7	1	7-8	9	800	1	*
4	Ross-on-Wye ...	974.0	0	SWW	4	bc/r	40	85	8	9	–	3	2-3	2-3	2500	1	*
5	Portland Bill....	979.6	+10	WSW	6	c	45	75	7	5	7	–	4-6	7-8	2500	1	5
	Plymouth ...	980.6	+8	WSW	6	pr	42	75	8	9	2	–	7-8	9	2500	1	4
	The Lizard ...	982.3	+10	W	7	c/pr	42	75	7	8	–	–	9+	9+	1500	1	4
	Scilly (St. Mary's)	982.5	+20	WNW	7	c/pr(c)	43	85	7	8	9	–	4-6	7-8	2500	1	5
	Guernsey ...	984.5	+8	SW	6	c	41	75	8	5	–	–	9	9	1500	1	5
6	Pembroke ...	979.3	+2	WSW	7	q	44	75	6	8	–	–	10	10	1500	1	4
7	Holyhead ...	980.7	-16	WN	6	r/s	40	95	6	6	–	–	10	10	800	1	3
	Chester (Sealand)	978.0	-20	S'W	3	ir	37	95	7	6	3	–	7-8	9	1500	1	*
8	L'pool (Bidston)	980.1	-16	S'E	3	c/pr	36	95	8	5	–	–	9	9	1500	1	*
	Manchester	978.5	-18	S	4	ir	36	95	6	6	7	–	7-8	10	800	1	*
9	Harrogate ...	979.7	-6	SSE	3	c	35	85	6	6	–	–	9+	9+	2500	1	*
10	Spurn Head ...	981.6	+2	SSE	5	c	37	95	7	3	7	9	4-6	7-8	4000	0	4
	Catterick ...	979.0	-6	SE	3	c	34	95	6	5	3	–	9+	9+	1500	1	*
	Tynemouth ...	980.3	+2	S	2	bc	35	95	6	2	–	–	2-3	2-3	2500	1	2
11	Inchkeith ...	980.6	-2	NE	2	rr	37	95	7	6	–	–	10	10	1500	1	1
	Leuchars ...	966.8	-20	NE	4	rr	39	95	7	6	–	–	10	10	800	2	*
12	Renfrew (Abbotts I)	978.9	0	NEE	1	r/s	34	95	6	6	–	–	10	10	800	1	*
	Eskdalemuir ...	967.7	-2	–	0	m	31	95	4	5	–	–	10	10	220	7	*
13A	Tiree	970.5	+6	ENE	6	ir	38	85	7	6	2	–	4-6	10	1500	1	4
13B	Stornoway ...	975.2	0	ENE	5	c	38	75	8	5	7	–	7-8	10	1500	1	2
15	Dalwhinnie ...	970.8	-18	E	3	r/s	32	95	6	4	4	–	7-8	10	800	8	*
	Aberdeen ...	978.6	-20	NE	6	rr	39	95	6	6	–	–	10	10	800	1	4
	Wick	978.6	-10	E	5	c	39	95	8	9	2	–	7-8	10	1500	1	3
16	Lerwick ...	979.0	-12	E	6	c/r/s	36	95	7	6	2	–	4-6	10	1500	2	*
17	Blacksod Point	975.4	+48	WNW	6	c	42	85	7	9	–	–	7-8	7-8	450	1	4
18	Malin Head ...	969.4	+20	N	4	r	39	95	6	6	–	–	10	10	800	2	2
	Aldergrove ...	968.0	+18	NNW	1	c	35	95	8	5	7	–	9	9+	800	1	*
	Donaghadee ...	966.5	+6	NNE	3	c	40	85	7	5	–	–	9	9	1500	1	2
19	Birr Castle ...	973.1	+40	W	4	pr	37	95	7	6	–	–	10	10	1500	1	*
20	Valentia Obsy.†	981.0	+2	WNW	6	pc	44	65	7	5	1	–	9	9	2500	1	5
	Roches Point...	978.5	+24	NW	4	c	43	95	8	3	–	–	9	9	1500	1	5

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 14h. Hrs. (36)
1	London (Kew)...	45	36	33	4	1	0.1
	Croydon ...	44	37	34	7	5	0.5
	S. Farnborough	43	37	*	9	2	0.1
	Boscombe Down	42	34	31	11	1	0.0
	Calshot (S'thmtn)	44	40	36	8	1	0.4
	Dungeness ...	47	37	*	1	5	*
	Lympne ...	46	37	34	1	6	1.1
2	Shoeburyness	45	37	33	1	2	1.1
	Felixstowe ...	44	39	35	3	3	0.4
	Gorleston ...	43	37	35	0.5	5	0.6
	Cranwell ...	42	34	31	3	2	0.5
3	Birmingham ...	39	35	32	6	2	0.0
	Upper Heyford	41	34	30	5	1	*
4	Ross-on-Wye ...	42	37	34	10	2	0.0
5	Portland Bill....	46	40	*	5	0.4	*
	Plymouth ...	45	39	37	7	1	0.0
	The Lizard ...	47	37	*	7	4	*
	Scilly (St. Mary's)	48	39	*	11	3	1.1
	Guernsey ...	45	39	36	5	3	0.0
6	Pembroke ...	46	36	*	10	1	0.8
7	Holyhead ...	43	40	37	3	2	0.0
	Chester (Sealand)	38	35	30	5	1	0.6
8	L'pool (Bidston)	37	34	33	3	1	0.0
	Manchester	39	35	31	2	0.2	0.6
9	Harrogate ...	37	34	28	3	7	3.3
10	Spurn Head ...	42	35	*	0.6	5	4.2
	Catterick ...	39	33	30	1	5	4.2
	Tynemouth ...	40	34	30	0.1	4	*
11	Inchkeith ...	41	37	35	–	7	5.0
	Leuchars ...	42	37	35	–	11	5.3
12	Renfrew (Abbotts I)	41	34	33	Tr.	3	1.5
	Eskdalemuir ...	39	29	32	30.5	7	3.3
13A	Tiree	40	36	34	Tr.	1	0.8
13B	Stornoway ...	41	36	*	–	–	5.4
15	Dalwhinnie ...	36	30	27	–	1	6.3
	Aberdeen ...	41	34	32	–	7	7.2
	Wick	40	33	*	0.5	Tr.	*
16	Lerwick ...	38	32	*	Tr.	3	8.5
17	Blacksod Point	43	39	*	6	14	*
18	Malin Head ...	39	37	*	3	4	0.0
	Aldergrove ...	38	34	32	5	1	0.0
	Donaghadee ...	41	34	*	8	2	*
19	Birr Castle ...	47	36	31	6	7	1.2
20	Valentia Obsy.†	47	40	38	11	3	2.5
	Roches Point...	49	37	*	4	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.	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	prhc	orrm.	cprb	45	38	33	4	1	0.1	*	*	7
Croydon	217	c/r.m.	r.orrq	orrr.bbp	44	37	34	7	5	0.5	*	*	8
Greenwich (Royal Observatory) ...	149	c	c/r r r	rrc.bop	46	37	34	3	2	0.1	74	66	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	46	39	33	5		0.0	68	64	*
†Regents Pk. (Botanic Gardens) ...	129	*	*	*	46	39	34	3	1	0.0	83	69	*
Camden Square	110	opc	cr	*	43	39	34	3	1	*	*	67	*
Kensington	80	cop	cor	*	48	39	31	3	3	0.0	At 18h.	76	*
Hampstead Observatory	450	ofr	or	omr	43	36	29	4	1	0.0	90 *	86	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	9h 14m	Nil	1-6h 15m

Kew Observatory. Max.	Time.	Min.	Time.
0.2	16h 14m	0.1	0-5h 15m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 14th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 15th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	990.4	SSW	6	ir	46	990.1	SW	3	c	41
Brussels	990.0	S	6	c	43	986.0	SWS	5	bc	41
Berlin	997.1	WSW	4	c	48	992.9	SE'S	5	c	37
Zürich	1002.3	SSE	1	b	46	998.3	SSW	1	fo	39
Rome	1002.5	ESE	7	o	59	1004.5	W	2	o	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
48	39	0.1	4
48	39	0.2	6
55	34	Tr.	–
54	*	–	?
*	*	–	?

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 3, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 16th March 1934.

No. 2642

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

Distance.	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)...	980·9	+10	WSW	4	c/prh	42	75	7	3	-	3	4·6	7·8	1500
	Croydon ...	980·8	+6	WSW	6	cjp	49	45	6	7	-	-	7·8	7·8	1500
	S. Farnborough	980·5	+8	SW	6	bc/sp	48	55	7	9	-	3	4·6	4·6	1500
	Boscombe Down	980·0	+4	SW	6	bc/phc	49	45	8	9	-	-	4·6	4·6	4000
	Calshot, S'thmtn	982·4	+10	SW	7	b	49	55	7	2	-	3	1	1	2500
	Dungeness ...	*	*	WSW	7	q	*	*	7	8	-	*	7·8	7·8	1500
	Lympne ...	983·8	+10	SW'S	6	c	43	75	8	8	-	3	1	7·8	1500
2	Shoeburyness	980·5	+2	SW	5	pr	48	65	8	8	-	3	4·6	7·8	2500
	Felixstowe ...	979·7	+2	SSW	6	c/pr	46	65	8	8	-	1	4·6	7·8	1500
	Gorleston ...	977·3	0	SSW	6	bc	48	65	6	9	-	-	4·6	4·6	2500
	Cranwell ...	972·9	+16	SW	6	c	43	75	7	9	-	-	9+	9+	1500
3	Birmingham ...	975·4	+20	WSW	5	c	42	75	8	6	-	-	9	9	1500
	Upper Heyford	977·9	+18	WSW	7	pr	42	85	7	8	-	-	9+	9+	1500
4	Ross-on-Wye ...	977·4	+14	WSW	5	pr	43	75	8	2	-	-	9	9	4000
5	Portland Bill...	982·5	+12	WSW	6	bc	46	65	7	5	-	-	4·6	4·6	2500
	Plymouth ...	984·3	+12	WSW	7	prh	47	55	8	8	-	-	7·8	7·8	2500
	The Lizard ...	986·9	+12	W	7	q	42	75	7	8	6	-	4·6	7·8	1500
	Scilly (St. Mary's)	986·8	+20	NNW	7	pr	42	85	7	3	-	3	7·8	7·8	1500
	Guernsey ...	987·9	+12	SW	5	o/c	45	75	7	5	-	-	10	10	2500
6	Pembroke ...	978·8	+20	W	6	q	43	75	7	5	7	-	7·8	10	1500
7	Holyhead ...	972·8	+30	NNW	6	r	41	85	6	6	-	-	10	10	1500
	Chester (Sealand)	973·0	+40	W'N	3	ir	41	85	8	6	1	-	7·8	9+	1500
8	L'pool (Bidston)	972·2	+34	NNW	6	c/r	38	95	8	6	2	-	2·3	10	1500
	Manchester	971·1	+34	W'N	4	rr	38	95	5	6	-	-	10	10	800
9	Harrogate ...	968·9	0	SW	3	c	38	95	6	6	7	-	7·8	9+	2500
10	Spurn Head ...	970·1	-4	SSW	7	q	45	75	7	3	7	-	4·6	9	4000
	Catterick ...	969·3	+10	NNW	2	c/r	39	85	6	5	7	-	4·6	7·8	2500
	Tynemouth ...	968·5	0	SW	2	c	42	85	6	6	-	-	9	9	1500
11	Inchkeith ...	968·1	+4	NW	3	rr	39	95	8	6	2	-	4·6	10	2500
	Leuchars ...	966·8	-2	NW	3	r	40	85	6	6	2	-	7·8	9+	1500
12	Renfrew (Abbotsl)	970·4	+8	NW	3	ir	43	75	8	5	1	-	2·3	10	5700
	Eskdalemuir ...	968·9	+8	WSW	3	s	36	85	6	5	1	-	9	10	4000
13A	Tiree	974·5	+16	NNE	4	c	43	75	8	2	9	8	2·3	7·8	1500
13B	Stornoway ...	975·7	+2	NNE	3	c/p	40	85	8	8	7	-	7·8	10	1500
15	Dalwhinnie ...	970·9	-2	NE	2	c	37	85	7	4	4	-	4·6	10	800
	Aberdeen ...	967·6	+14	SE	4	ir	40	95	6	6	2	-	9	10	800
	Wick	972·3	-4	ENE	8	rr	38	95	8	6	2	-	7·8	10	1500
16	Lerwick ...	979·8	0	E'S	8	c	39	75	7	8	2	-	7·8	9+	800
17	Blacksod Point	980·3	+40	NNW	4	bc	46	75	8	9	-	4	4·6	4·6	1500
18	Malin Head ...	974·4	+26	N	4	c	42	85	7	6	2	-	9	10	1500
	Aldergrove ...	973·8	+26	NNW	4	ir	40	85	8	5	-	-	10	10	800
	Donaghadee ...	972·1	+20	NNW	3	pr	41	85	7	9	-	-	9	9	1500
19	Birr Castle ...	978·7	+28	NW	4	pr	44	75	8	3	-	7	9	10	2500
20	Valentia Obsy.	985·9	+28	W'N	6	c	47	55	8	8	1	1	7·8	9	1500
	Roches Point...	983·9	+26	NW	5	c/pr	42	85	8	6	-	-	9	9	1500

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

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)
983·6	+20	SW	4	pr	43	75	6	6	2	-	7-8	10	1500	1	*
983·4	+14	SW	5	c/pr	43	65	6	9	7	-	4·6	7·8	1500	1	*
983·9	+22	WSW	5	ir	40	75	7	6	2	-	9	10	1500	1	*
983·9	+14	WSW	5	ir	39	95	8	5	-	-	10	10	1500	1	*
984·8	+19	SW	5	pr	42	75	7	9	-	3	4·6	9+	2500	1	3
*	*	WSW	6	q	*	*	6	8	-	*	4·6	4·6	1500	*	4
985·3	+12	SW	6	bc	41	65	8	4	6	3	2·3	2·3	4000	1	*
983·1	+20	WSW	3	pr	41	85	7	8	2	-	7·8	9	4000	1	*
982·9	+18	SW'S	5	bc/pr	40	75	8	9	3	1	4·6	4·6	800	1	4
980·0	+18	SSW	6	c	43	75	7	8	-	-	7·8	7·8	1500	1	4
977·0	+22	WSW	4	c	39	85	7	5	-	6	7·8	9	1500	1	*
979·3	+28	SW	3	ir	38	95	6	6	-	-	10	10	1500	1	*
981·4	+20	SW	6	r	39	95	6	6	2	-	7·8	10	1500	1	*
981·5	+26	W'S	3	c/pr	40	85	8	6	1	-	2·3	9+	2500	1	*
985·3	+16	WSW	6	c	43	75	7	5	-	-	7·8	7·8	1500	1	5
987·2	+14	W	5	pr	43	85	7	9	-	3	7·8	9	800	1	3
989·0	+20	W	7	q	44	75	7	8	8	-	4·6	7·8	1500	1	4
989·9	+18	W'N	7	bc/pr	44	75	7	3	-	3	2·3	4·6	1500	1	5
990·1	+18	WSW	6	c	42	75	7	5	-	-	7·8	7·8	2500	2	4
982·0	+30	WNW	6	q	43	85	7	8	8	-	7·8	7·8	1500	1	4
977·9	+34	WNW	7	ir	43	85	7	6	-	-	10	10	800	1	3
977·7	+30	W'N	4	pr	42	85	6	6	-	-	10	10	1500	1	*
977·1	+30	NNW	5	c/pr	39	95	7	6	-	-	10	10	1500	2	*
976·1	+46	WNW	4	ir	40	85	6	6	2	-	4·6	10	800	2	*
974·4	+20	WSW	3	pr	39	85	7	6	2	-	1	10	2500	1	*
974·7	+18	SW'S	5	c	40	95	7	5	2	-	4·6	7·8	2500	1	4
973·5	+28	WSW	3	c	40	75	8	5	7	8	4·6	9+	2500	1	*
970·9	+20	W	3	ir	39	85	6	6	-	-	10	10	1500	1	2
970·8	+18	NNW	4	pr	39	95	7	6	2	-	7·8	10	1500	1	3
971·0	+34	NE	3	c	38	95	7	5	7	8	7·8	7·8	800	2	*
974·4	+28	NNW	1	c	41	75	8	4	-	7	4·6	10	5700	21	*
972·0	+22	WNW	5	ir	37	85	6	6	1	-	7·8	9	1500	6	*
971·4	+20	N	5	cjp	43	85	8	3	4	8	7·8	9	1500	0	4
978·9	+20	ENE	5	phc	40	75	7	8	7	-	7·8	10	1500	1	3
973·9	+20	NW	2	is	34	85	8	4	4	-	4·6	10	1500	6	*
972·8	+30	NE'E	2	c	42	85	7	8	-	-	7·8	7·8	2500	1	3
974·8	+16	ENE	8	rr	39	95	7	6	2	-	7·8	10	1500	1	5
979·5	0	NE'E	7	phc	38	75	7	8	2	-	9	10	1500	1	*
984·6	+30	NNW	3	bc	44	65	8	9	-	4	4·6	4·6	1500	1	3
978·2	+26	N'W	4	bc	42	75	7	4	-	-	2·3	2·3	1500	2	2
979·3	+32	WNW	4	c	41	85	8	5	-	1	9	9	1500	1	*
976·8	+20	NNW	2	c	43	75	7	9	-	-	9	9	1500	1	1
983·4	+20	NW	3	c	44	65	8	3	-	6	1	7·8	2500	1	*
986·7	+2	W'S	4	bc/ph	44	75	8	3	-	-	4·6	4·6	1500	1	5
987·1	+20	NW	4	bc	44	75	8	3	-	-	4·6	4·6	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 15th (37)	13h.–18h. 15th (38)	18h. 15th to 1h. 16th (39)	1h.–7h. 16th (40)
prshlq	prhtlpr	bc	bz b
bcq	cqphrtl	cqprb	bcb
bccRHbc	prhPRHc	cirb	bbwx
pqp	cpqir	cirbcp	p p b
bcb	bycpr	cprbc	bcb
pr	r		p
rprcq	cbcq	b c	cb
bcq	qphpr	bcprbc	bcqbm
bcpr	prtlPRHq	b c	cp b
bcq	cphr	crq	cbcq
cpr	cpqr	cbc	b
roc	cpr	orrc	cb
dpq	cqpr	crrr	cb
bcpqcqp	cpbccp	cb	bbcb
c	cpr	ebc	bc
cprhq	KQPRH	cprhbc	bcx x
cprhc	cprc	cphr	cprbc
cphrq	cpq	bcpl	cpbc
cprh	ocphq	cprhq	cprbc
cqpr	cqc	bcqb	bbcq
irqc	irq	irb	bq
rvorR	rc	rrcpr	bcb
crr	qPRH	cPRH	qcbq
orr	rrsir	crc	cr
cir	cbp	cbp	cbp
cprq	qprc	bc	cpr
dorrc	c	cbc	bc
bcmc	coir	oirc	c
orr	cpr	c	cpr
rrr	rrmprc	bc bvx	bcvx
rrsrsir	circV	cbcc	cr
5s3s	sir	ir	ir m
irc	c	PHRS	rr
cpr	cphr	cphr	c
is	c	*	is
orrir	circ	cprhbbx	crrbc
crr	crr	crr	crrc
cpr	cphr	cpr	cpb
cqpr	cbc	prhcq	prc
cpr	cbc	bcphr	bcphr
crors	crph	cbx	bx
cpr	cprc	bc	bcx
cpr	prc	cbc	bcx
prs	phbc	bcpre	prrr
cpc	phrqbc	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.
fz, thick fog, „ less than 220 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus,
R, heavy rain. r_o, slight rain.
rr, continuous rain.
< . less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⚡ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

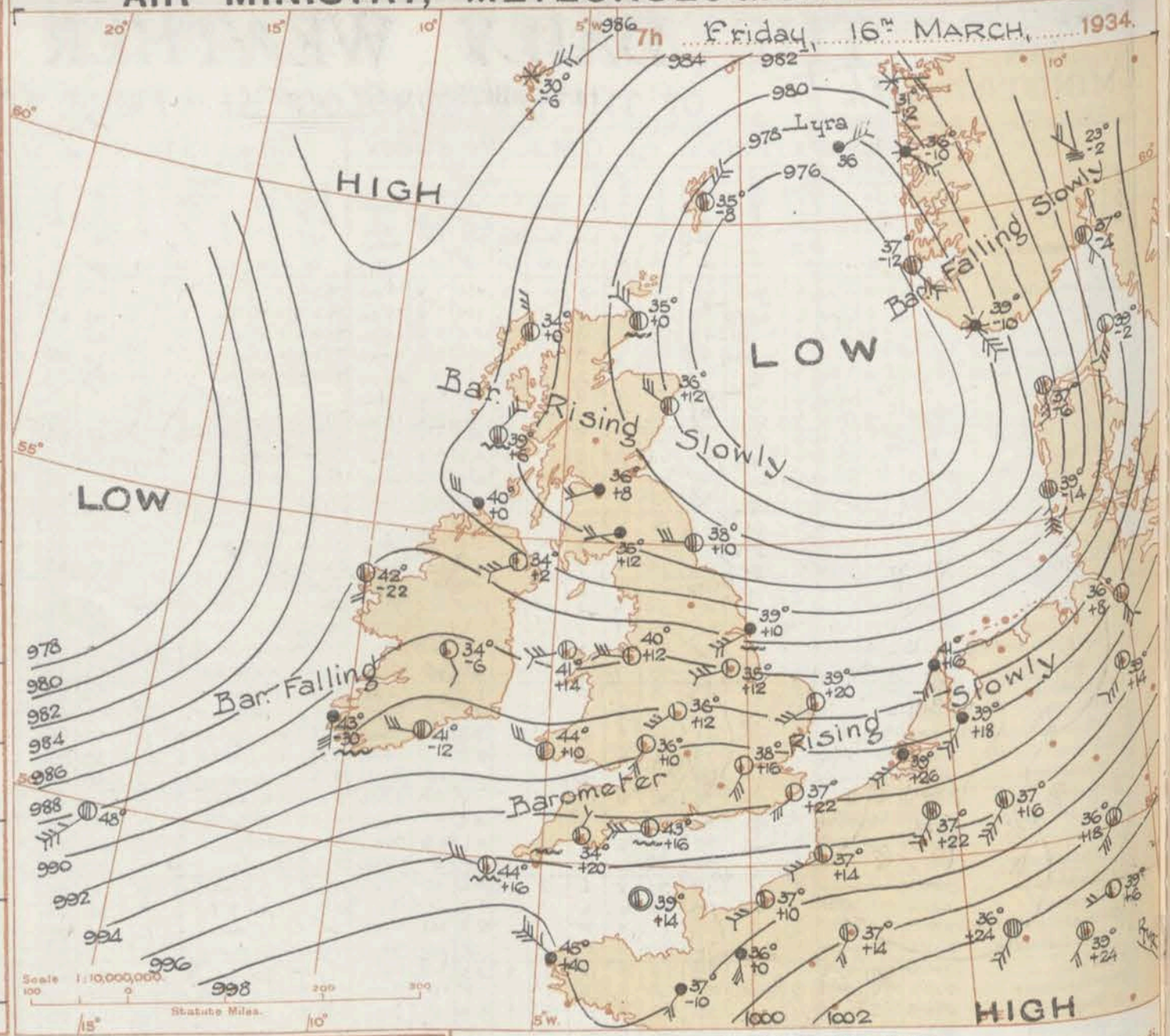
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 15th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 14th to 9h. 15th.	Temperature. Max. 9h.—17h. 15th.	Rainfall. Night. 17h. 14th to 9h. 15th.	Rainfall. Day. 9h.—17h. 15th.	Sunshine. Sunrise to 17h. 15th.	Sunshine. Sunrise to Sunset. 14th.
1	Tunbridge W.	bc	bc	37	48	11	-	7.0	1.1
	Bournemouth	cb	bcc	40	50	0.3	-	5.5	0.2
	Ventnor ...	rcbcb	bbcu	39	47	2	-	6.1	1.5
	Southsea ...	b	bbc	40	50	3	-	6.7	0.8
	Bognor Regis	bcbbc	bc	40	48	3	-	6.5	1.1
	Littlehampton	bc	bc	40	47	2	-	6.6	1.0
	Worthing ...	bc	bc	40	47	1	-	6.7	1.1
	Brighton ...	bc	bc	40	46	3	-	5.7	1.0
	Eastbourne†	crc	cbc	39	47	6	0.1	4.4	1.6
	Hastings† ...	copsc	cbbc	39	45	8	0.2	4.1	2.7
	Folkestone ...	rcpbc	bcb	39	46	8	Trace	3.6	1.1
	Dover... ...	cbc	cbc	40	47	7	-	4.4	1.2
	Deal	c	cbc	42	47	8	-	6.7	1.4
	Ramsgate ...	cbc	bc	39	46	6	-	5.5	0.8
	Margate ...	cbc	bc	39	49	7	-	6.5	1.1
2	Southend ...	bbc	bcorq	38	50	3	1	7.5	1.2
	Maldon ...	b	crstq	38	48	3	3	5.9	0.2
	Clacton-on-Sea	cbcc	crshcp	37	47	3	3	6.3	0.3
	Dovercourt ...	bcr	bcoctlr	38	50	3	1	5.7	0.6
	Lowestoft ...	cbc	bcugp	35	51	4	1	4.1	0.0
	Skegness ...	crho	oro	37	44	5	2	0.1	2.3
	Mablethorpe	comr	crm	35	46	5	2	1.8	2.7
	Cleethorpes...	cr	cr	35	47	5	0.4	2.2	3.7
3	Leamington S.	ocd	oro	36	40	2	2	1.7	0.0
4	Cheltenham†	cip	cip	37	43	1	0.3	3.0	0.0
5	Bath	beprh	cp	39	47	1	3	1.8	0.0
	Weymouth ...	bcb	bcpc	41	51	0.1	0.3	4.8	0.0
	Jersey ...	rcpc	cbc	40	47	8	3	2.5	0.1
	Torquay ...	rpbcq	cRpq	39	50	2	3	4.9	0.0
	Penzance ...	chbcb	bhcb	39	48	3	1	2.3	0.3
	St. Ives ...	b	pr	36	46	4	2	2.8	0.3
	Bude	cpbcc	cpcp	38	48	2	1	2.0	0.3
	Ilfracombe ...	cor	ro	40	47	3	1	0.0	0.0
6	Aberystwyth	cprh	prhc	37	43	6	4	0.0	0.0
7	Llandudno ...	rrsro	ocir	36	43	5	4	0.2	0.1
	Colwyn Bay...	rr rro	or rr	31	42	8	4	0.0	0.2
	Rhyl	orrs	orsc	36	43	3	9	0.2	0.2
8	Wallasey ...	ir	rrh	36	44	3	3	0.3	0.5
	Southport‖ ...	ro	ocopo	36	43	1	1	0.4	0.2
	Blackpool ...	or	cphor	35	46	4	2	1.0	0.0
	Morecambe ...	cor b	cbcrc	32	43	4	2	1.1	1.0
9	Ilkley... ...	cipro	cip	29	42	14	1	0.3	1.3
10	Berwick-on-T.	cbc	rcro	33	41	10	4	1.2	4.7
11	Dumbar ...	r os	c	34	40	12	13	0.0	5.1
12	Troon... ...	rssrs	rscbc	30	46	11	1	0.8	1.7
	Douglas ...	bccb	cirphcb	35	44	4	2	2.5	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 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. 16th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate southwesterly wind, freshening; cloud increasing with rain spreading from west; bright intervals and showers tomorrow; moderate temperature.
5. S.W. England 6. South Wales 7. North Wales	Fresh or strong southwest or south wind, gale locally, veering later; dull, some rain followed by bright intervals and showers; moderate temperature.
8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate west or southwest wind becoming southerly and freshening; local showers at first, general rain or sleet later with snow on hills; rather cold.
13. A. W Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Light northerly wind becoming variable and then southeast or east and freshening; cloudy, local wintry showers, perhaps more general rain or sleet later with snow on hills; rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly, freshening gale locally, becoming westerly later; dull, some rain then showers and bright intervals; moderate or rather low temperature. Wind south to southwest, strong to gale, veering west; rain at first, bright intervals and showers later; moderate temperature.

GENERAL INFERENCE.

A depression over the North Sea is moving east or northeast and another deep disturbance is approaching from the Atlantic. Weather will be unsettled generally.

FURTHER OUTLOOK.

Unsettled.

Time of issue of Gale Warnings.

South Cone at 0240 on 14th in 20.
South Cone at 0750 on 14th in 5.
South Cone at 0810 on 16th in 6,7,8,12,13A,17,18 & 19.

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. Pp. 765/270 etc.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 16th March 1934.

No. 264.12

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

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	989.2	+2.6	WSW	4	b	40	85	7	-	3	1	0	1	—
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	9896	+2.0	SWW	4	c	40	85	7	5	2	-	9	10	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	985.0	+1.0	SWW	4	c	40	96	7	6	-	-	1-8	1-8	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	991.2	+2.0	W	6	bc	43	86	7	4	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	992.5	+1.6	W	4	pr$_o$	42	95	7	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	991.9	0	WSW	4	l	42	85	7	8	-	-	4-6	4-6	2500
	Guernsey	175	994.3	+1.8	SW	4	bc	43	85	7	8	-	-	4-6	4-6	2500
6	Pembroke	142	988.0	+2.2	WNW	2	b	43	86	7	5	-	-	Tr	Tr	4000
7	Holyhead	26	985.3	+2.4	WNW	6	b	42	75	7	-	-	-	0	0	—
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	980.9	+1.0	SW	5	c	40	95	7	5	2	-	4-6	7-8	2500
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	978.4	+2.2	W	5	c	38	95	7	6	-	-	7-8	7-8	1500
11	Inchkeith	190	978.5	+2.2	W	4	c	37	95	8	5	-	-	9	9	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	982.4	+0.6	NNE	4	c/pk(r)	38	65	8	8	1	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	ENE	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	978.7	+1.0	ENE	8	rr	38	95	8	6	-	-	10	10	1500
16	Lerwick	54	979.6	-2	NE	7	c	37	85	7	8	1	-	7-8	9+	1500
17	Blacksod Point	18	990.5	+4.6	NNW	5	q	39	85	7	9	-	-	2-3	2-3	800
18	Malin Head	52	982.0	+1.8	W	4	pk(r)	41	85	7	3	-	-	4-6	4-6	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	993.1	+2.0	NW	5	bc	45	95	8	8	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	992.7	+2.0	SW	3	b	38	85	7	-	-	-	0	0	-	1	*
	Croydon	993.0	+1.6	SW's	3	b	38	85	8	-	-	1	0	Tr.	-	1	*
	S. Farnborough	993.2	+2.0	SW'w	3	b	36	95	7	5	-	-	Tr.	Tr.	1500	1	*
	Boscombe Down	993.3	+1.8	SW	3	b	36	95	7	8	-	-	Tr.	Tr.	2500	1	*
	Calshot (S'thmtn)	994.0	+1.8	SW	3	b	38	85	8	-	-	-	0	0	-	1	1
	Dungeness	*	*	WSW	4	bc	*	*	6	5	-	*	2-3	2-3	2500	*	3
	Lympne	993.0	+2.2	SW'w	3	b	37	95	7	-	-	1	0	1	-	1	*
2	Shoeburyness	990.8	+2.0	WSW	3	b	39	86	6	-	-	5	0	1	-	1	*
	Felixstowe	991.5	+2.4	SW's	3	b	38	85	7	-	-	1	0	Tr.	-	1	3
	Gorleston	988.9	+2.0	SW'w	3	bc	39	85	7	4	-	-	2-3	2-3	2500	1	2
	Cranwell	988.0	+1.2	WSW	4	b	35	85	8	-	4	-	0	1	-	1	*
3	Birmingham	990.6	+1.2	SW	3	b	36	85	8	5	-	-	1	1	2500	1	*
	Upper Heyford	991.8	+1.8	SW	2	b	34	95	7	-	-	-	0	0	-	1	*
4	Ross-on-Wye	992.0	+1.0	SW	2	b	36	85	8	8	-	-	1	1	4000	1	*
5	Portland Bill	994.0	+1.6	W	5	bc	43	85	8	4	-	-	2-3	2-3	2500	1	4
	Plymouth	995.5	+2.0	NE	1	3c	34	95	6	7	-	1	2-3	4-6	1500	1	3
	The Lizard	996.8	+2.0	W	3	bc	42	95	8	4	4	-	2-3	2-3	2500	1	4
	Scilly (St. Mary's)	996.0	+1.6	W'N	4	bc	44	75	8	2	4	3	1	4-6	2600	1	4
	Guernsey	996.1	+1.4	-	0	bc	39	95	8	8	3	-	4-6	4-6	2500	2	3
6	Pembroke	990.1	+1.0	WNW	3	bc	44	75	7	4	-	-	4-6	4-6	2500	1	3
7	Holyhead	987.7	+1.4	W's	4	bc	41	75	8	4	-	-	2-3	2-3	1500	1	3
	Chester (Sealand)	988.0	+1.2	W	4	b	40	75	8	8	-	-	1	1	2500	1	*
8	L'pool (Bidston)	987.2	+1.0	WNW	6	a	39	85	8	3	-	-	1	1	2500	1	*
	Manchester	986.8	+1.6	W's	4	bc	37	85	7	8	-	-	4-6	4-6	1500	1	*
9	Harrogate	984.7	+1.0	WSW	4	bc	37	85	5	3	4	-	2-3	2-3	2500	1	*
10	Spurn Head	984.7	+1.0	SW	5	pr	39	95	7	3	7	-	4-6	7-8	2500	1	4
	Catterick	983.2	+1.6	SW'w	3	bc	37	85	8	7	-	-	4-6	4-6	4000	1	*
	Tynemouth	981.1	+1.0	W	3	c	38	85	7	6	-	-	7-8	7-8	1500	1	1
11	Inchkeith	980.6	+1.8	W	4	c/pr	37	95	8	8	4	-	7-8	9+	2500	1	2
	Leuchars	980.0	+2.0	WNW	3	bc	36	85	9	5	-	1	4-6	4-6	5700	1	*
12	Renfrew (Abbotts L)	981.4	+1.8	WSW	2	ir$_o$	36	95	7	8	2	-	7-8	10	2500	1	*
	Eskdalemuir	981.7	+1.2	WSW	2	ir$_o$	35	85	6	6	2	-	9+	9+	1600	6	*
13A	Tiree	982.4	+1.6	NE	4	c	39	65	8	8	7	9	4-6	7-8	2500	1	4
13B	Stornoway	982.3	0	NNW	3	c	34	95	9	9	7	-	4-6	7-8	800	1	2
15	Dalwhinnie	·	+1.2	N	1	bc	31	95	8	4	1	-	2-3	4-6	2500	*	*
	Aberdeen	978.8	+1.2	NW'w	3	c	36	95	7	9	7	1	4-6	7-8	800	1	2
	Wick	979.9	0	NW	4	c	35	95	8	8	1	-	7-8	9	1500	1	4
16	Lerwick	977.6	-1.8	NE	5	c/pk	35	85	7	9	2	-	7-8	9+	1500	0	*
17	Blacksod Point	986.3	-2.2	S	2	bc	42	85	8	7	-	-	4-6	4-6	1500	1	3
18	Malin Head	982.8	0	W'N	3	pr	40	85	7	8	1	-	7-8	10	1500	2	2
	Aldergrove	985.5	+2	SW	4	bc	34	95	8	8	-	1	2-3	2-3	2500	1	*
	Donaghadee	984.4	+1.4	NW	3	bc	35	85	8	8	-	-	4-6	4-6	1500	0	2
19	Birr Castle	988.2	-0.6	SSE	1	bc	34	95	8	8	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy.†	989.0	-3.0	S	3	rr	43	85	6	6	-	-	10	10	1600	1	4
	Roches Point	991.6	-1.2	W	3	c	41	85	8	8	-	-	7-8	7-8	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h–18h °F. (31)	Temperature. Min. Night 18h–7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h–18h mm. (34)	Rainfall. Night 18h–7h mm. (35)	Sunshine 15th Hrs. (36)
1	London (Kew)	48	37	32	2	Tr.	5.4
	Croydon	50	38	35	.5	Tr.	5.5
	S. Farnborough	49	36	32	3	0.2	5.0
	Boscombe Down	49	34	31	0.6	1	2.6
	Calshot (S'thmtn)	49	37	32	0.2	Tr.	6.4
	Dungeness	46	33	*	0.6	0.5	*
	Lympne	45	36	32	1	-	2.3
2	Shoeburyness	52	38	32	0.6	Tr.	8.1
	Felixstowe	48	37	33	1	0.2	5.7
	Gorleston	51	38	36	1	1	6.0
	Cranwell	45	35	33	1	-	2.7
3	Birmingham	42	35	31	1	3	0.5
	Upper Heyford	46	33	27	0.2	1	*
4	Ross-on-Wye	45	36	32	2	-	3.4
5	Portland Bill	46	39	*	1	-	*
	Plymouth	47	33	29	1	0.5	3.6
	The Lizard	46	38	*	0.2	1	*
	Scilly (St. Mary's)	46	41	*	0.6	1	3.2
	Guernsey	47	39	33	3	3	2.0
6	Pembroke	46	42	*	0.4	Tr.	0.7
7	Holyhead	43	41	38	3	Tr.	0.0
	Chester (Sealand)	44	39	31	4	1	0.4
8	L'pool (Bidston)	43	37	36	5	1	0.4
	Manchester	42	36	33	7	2	0.0
9	Harrogate	43	36	31	2	0.2	0.6
10	Spurn Head	45	39	*	0.4	0.1	2.5
	Catterick	45	34	31	0.5	-	2.2
	Tynemouth	43	38	33	0.4	0.2	*
11	Inchkeith	41	35	33	7	Tr.	0.0
	Leuchars	41	33	28	6	-	0.0
12	Renfrew (Abbotts L)	45	33	26	2	0.2	0.4
	Eskdalemuir	38	34	32	0.3	2	0.6
13A	Tiree	44	37	31	Tr.	1	4.8
13B	Stornoway	44	38	*	0.6	0.1	2.4
15	Dalwhinnie	37	30	30	1.06	1.06	0.0
	Aberdeen	43	34	31	3	1	0.7
	Wick	41	34	*	7	2	*
16	Lerwick	39	34	*	0.4	Tr.	0.0
17	Blacksod Point	47	38	*	Tr.	0.3	*
18	Malin Head	44	37	*	0.5	2	0.3
	Aldergrove	42	34	29	0.3	Tr.	0.0
	Donaghadee	44	33	*	0.4	-	*
19	Birr Castle	47	32	20	0.4	-	3.1
20	Valentia Obsy.†	47	38	33	0.5	2	3.3
	Roches Point	45	37	*	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	pcshl q	prhtl pr$_o$	bc	48	37	32	2	Tr.	5.4	*	*	7
Croydon	217	bcq	cqhrtl	cq pc b	50	38	35	5	Tr.	5.5	*	*	7
Greenwich (Royal Observatory)	149	bcq	ctl ph	cb	51	37	33	3	-	5.6	70	71	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	4.8	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	38	31	2		5.3	67	73	*
†Regents Px. (Botanic Gardens)	129	*	*	*	51	37	33	3	-	4.9	73	81	*
Camden Square	110	bc c	ohtl cp	*	50	38	34	2	-	*	*	74	*
Kensington	80	bc pur hc	c	*	51	39	30	3	Tr.	5.1	At 18h. 75	81	*
Hampstead Observatory	450	bc p	ohtl	c	49	35	28	2	0.2	4.8	*	87	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.5	15h 15th	Nil	1–5h 16th

Kew Observatory. Max.	Time.	Min.	Time.
0.2	13h 15th	<0.1	0–5h 16th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 15th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 16th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	993.3	SW	4	3c	43	999.8	SSW	2	bc	37
Brussels	989.8	SW	5	w	43	996.6	SSW	5	c/r	37
Berlin	993.8	S	3	bc/p	46	997.5	S	2	3c	37
Zürich	999.4	ESE	2	c	39	1004.6	SW	1	o	37
Rome	1003.5	SSW	7	c	55	997.4	NE	2	.00	43

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
60	37		0.2
50	36	0.	0.5
54	34	-	1
45	36	6	1
·	·	·	20

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

Objects not visible at	
0 Dense fog	55 yards.
1 Thick fog	220 „
2 Fog	550 „
3 Moderate fog	1,100 „
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ „
6 Moderate „	6¼ „
7 Good „	12½ „
8 Very good „	31 „
9 Excellent „	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 17th March 1934.

No. 26413

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

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)	991.0	-14	SW	4	c	49	55	7	8	-	6	7-8	9	2500
	Croydon	992.2	-10	SW'S	5	c	50	45	7	8	-	6	4.6	7.8	2500
	S. Farnborough	991.1	-22	SSW	5	c	48	65	8	2	-	7	7.8	10	2500
	Boscombe Down	990.3	-30	SW'S	5	c	46	65	8	4	7	-	4.6	9+	2500
	Calshot, S'thmtn	992.9	-14	SSW	6	c	47	75	8	2	7	6	2.3	9	4000
	Dungeness	*	*	SW	57	q	*	*	7	8	7	*	4.6	7.8	1500
	Lympne	994.1	-6	SSW	5	q	46	75	8	2	6	1	4.6	7.8	2500
2	Shoeburyness	991.5	-12	SW	4	bc	51	55	8	4	-	-	4.6	4.6	4000
	Felixstowe	991.5	-10	SW	4	c	47	55	8	8	-	-	7.8	7.8	2500
	Gorleston	989.9	-4	SW'S	7	c	47	95	7	8	-	-	9	9	1500
	Cranwell	987.3	-16	SW	4	bc	47	65	7	1	-	1	4.6	4.6	4000
3	Birmingham	987.8	-20	SSW	4	c	46	65	6	6	9	-	4.6	7.8	2500
	Upper Heyford	989.5	-22	SW	5	c/pc	46	65	8	9	7	8	4.6	9+	2500
4	Ross-on-Wye	987.5	-26	SSW	4	q	47	55	8	9	-	7	4.6	10	4000
5	Portland Bill	991.7	-20	SW	5	c	45	85	7	4	2	-	4.6	10	2500
	Plymouth	990.5	-46	S	6	c.c	45	95	6	5	2	-	7.8	10	1500
	The Lizard	988.7	-50	S	6	rr	47	95	6	6	-	-	10	10	1500
	Scilly (St. Mary's)	986.1	-66	SW'S	6	rr	47	95	6	6	-	-	10	10	1500
	Guernsey	995.1	-20	SSW	4	c	48	75	8	5	1	-	4.6	10	4000
6	Pembroke	983.7	-48	S	4	RR	44	95	6	6	-	-	10	10	1500
7	Holyhead	981.2	-54	SSW	4	rr	43	85	6	6	-	-	10	10	1500
	Chester (Sealand)	984.7	-34	SW'S	4	c	51	55	8	1	7	6	4.6	9	4000
8	L'pool (Bidston)	984.2	-20	W'S	4	bc	47	55	8	8	-	1	4.6	4.6	4000
	Manchester	984.5	-28	WSW	4	c	47	55	7	2	-	8	4.6	9	2500
9	Harrogate	984.3	0	SW	4	b	45	45	9	2	-	-	1	1	2500
10	Spurn Head	985.7	0	SSW	6	c	47	65	7	3	7	-	4.6	7.8	4000
	Catterick	982.8	-10	SW'W	4	bc	46	55	8	1	-	1	2.3	2.3	4000
	Tynemouth	981.7	-4	W	4	c/pc	43	75	7	9	-	-	7.8	7.8	1500
11	Inchkeith	981.2	-8	SSW	2	c	40	95	7	5	-	-	9+	9+	1500
	Leuchars	979.8	-10	SSW	2	c	44	55	8	5	6	-	7.8	7.8	5700
12	Renfrew (Abbotsl)	980.2	-14	SSW	3	c	45	65	8	8	-	5	9	9	2500
	Eskdalemuir	980.1	-16	SWW	4	c/ph	39	85	7	8	-	-	7.8	7.8	1500
13A	Tiree	977.1	-36	SSE	4	c	43	75	9	4	-	6	4.6	9	2500
13B	Stornoway	979.2	-24	SE	3	c	39	65	8	8	6	-	4.6	7.8	1500
15	Dalwhinnie	979.2	-14	S	1	bc	40	95	8	4	1	-	1	2.3	2500
	Aberdeen	978.9	-8	W	3	bc/phs	43	65	8	3	-	-	4.6	4.6	2500
	Wick	978.3	-14	NNE	4	c	41	65	8	8	6	-	4.6	7.8	1500
16	Lerwick	975.4	-20	N	4	c/rs	38	85	8	8	7	-	4.6	7.8	1500
17	Blacksod Point	969.5	-80	SW	6	RR	41	95	7	6	-	-	10	10	450
18	Malin Head	974.9	-60	S'E	4	u	43	75	7	4	2	-	1	10	1500
	Aldergrove	979.3	-46	SSE	4	c	42	65	8	5	2	-	Tr	10	2500
	Donaghadee	979.9	-40	SW	3	c	43	75	8	5	-	-	7.8	7.8	1500
19	Birr Castle	974.3	-32	SSE	3	rr	43	95	7	6	-	-	10	10	2500
20	Valentia Obsy.	977.6	-18	W	6	pr	46	75	7	6	-	-	9+	9+	1500
	Roches Point	977.8	-72	SW	5	rr	47	95	6	6	-	-	10	10	1500

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

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)	983.3	-56	S	5	rr	42	85	6	6	2	-	4.6	10	2500	1	*
	Croydon	984.7	-56	S	5	rr	42	85	6	6	2	-	4.6	10	800	1	*
	S. Farnborough	982.3	-60	S	6	rr	42	95	6	6	2	-	7.8	10	1500	1	*
	Boscombe Down	980.9	-66	S	6	rr	42	95	4	6	2	-	9	10	450	1	*
	Calshot, S'thmtn	982.6	-64	S'E	8	rr	44	95	6	6	-	-	10	10	800	1	4
	Dungeness	*	*	SW	67	q	*	*	7	8	-	*	10	10	800	*	4
	Lympne	987.8	-42	S	4	c	40	85	8	5	2	-	1	10	1500	1	*
2	Shoeburyness	985.9	-42	SSW	6	c	42	85	8	5	2	-	2.3	9+	1500	1	*
	Felixstowe	986.1	-30	S	5	c	41	85	8	5	2	-	4.6	10	1500	1	4
	Gorleston	985.7	-20	S	8	c	42	85	6	8	-	-	10	10	2500	1	5
	Cranwell	979.9	-48	SSE	6	ir	41	75	7	6	2	-	7.8	10	1500	1	*
3	Birmingham	977.8	-66	SSE	5	rr	38	95	7	6	-	-	10	10	800	1	*
	Upper Heyford	981.2	-62	SSE	5	rr	39	95	7	6	-	-	10	10	1200	1	*
4	Ross-on-Wye	976.5	-68	S	3	dd	43	95	6	6	-	-	10	10	1500	1	*
5	Portland Bill	979.4	-84	SSW	7	RR	45	98	6	5	-	-	10	10	800	1	5
	Plymouth	980.4	-40	WNW	36	c/pc	47	75	7	5	-	-	7-8	7-8	2500	1	4
	The Lizard	982.0	0	W	6	bc	47	75	7	8	-	-	4.6	4.6	1500	1	4
	Scilly (St. Mary's)	981.7	+4	WNW	7	cjp	47	75	6	9	-	-	7-8	7-8	1500	1	5
	Guernsey	980.0	-70	SSW	6	RR	46	95	6	6	-	-	10	10	1500	2	4
6	Pembroke	979.9	-24	W	5	q	44	85	6	5	7	-	4.6	9+	2500	1	4
7	Holyhead	979.7	-46	W	5	ir	45	75	7	6	-	-	9	9	1500	1	2
	Chester (Sealand)	979.2	-58	SSE	5	ir	41	95	6	6	-	-	9	9	1500	1	*
8	L'pool (Bidston)	979.1	-64	S	6	q	40	85	8	6	-	6	7-8	9	450	1	*
	Manchester	979.3	-76	S	6	ir	41	85	6	6	2	-	9	10	800	1	*
9	Harrogate	976.9	-46	SSE	3	rr	39	95	5	6	2	-	4.6	10	2500	1	*
10	Spurn Head	979.4	-20	S	6	r	42	95	7	3	2	-	7-8	10	4000	1	4
	Catterick	975.5	-52	SSE	4	rr	40	85	6	6	2	-	7-8	10	800	1	*
	Tynemouth	977.0	-40	S	4	ir	43	65	6	6	-	-	10	10	1500	1	2
11	Inchkeith	974.1	-32	SSE	3	c	41	95	8	8	-	-	10	10	2500	0	2
	Leuchars	974.4	-38	ESE	3	c	40	85	7	5	2	-	7-8	10	4000	1	*
12	Renfrew (Abbotsl)	972.3	-50	ESE	4	rr	38	85	5	6	-	-	10	10	1500	1	*
	Eskdalemuir	973.1	-52	ESE	3	ss	33	95	4	6	-	-	10	10	800	6	*
13A	Tiree	968.9	-42	SE'S	4	rr	37	95	6	6	2	-	9	10	1500	1	5
13B	Stornoway	974.2	-16	ENE	3	bc	37	65	9	5	7	9	2.3	4.6	2500	1	2
15	Dalwhinnie	974.5	-36	S	1	c	35	95	7	4	2	-	4.6	10	1500	6	*
	Aberdeen	975.7	-20	SSE	2	c	39	75	7	8	7	8	1	9	4000	1	2
	Wick	975.4	-20	SW	2	c	39	85	8	8	1	-	4.6	7.8	1500	1	3
16	Lerwick	974.9	-10	N'E	4	cjp	38	85	8	8	7	-	7-8	9	1500	1	*
17	Blacksod Point	967.2	-22	WSW	7	q	43	75	8	9	-	-	7-8	7-8	800	1	5
18	Malin Head	965.8	-46	S	3	cjp	39	95	8	6	-	-	9+	9+	800	2	1
	Aldergrove	968.9	-32	SW	4	bc	43	75	8	8	-	-	4.6	4.6	1500	1	*
	Donaghadee	967.9	-30	SW	3	c	45	85	7	9	-	-	7-8	7-8	1500	1	2
19	Birr Castle	972.5	0	WSW	3	pr	39	85	7	3	-	-	9	9	2500	1	*
20	Valentia Obsy.	976.5	-12	SW'W	7	prs	41	75	8	6	-	-	9+	9+	1500	1	6
	Roches Point	977.2	+4	NW	5	bc	43	75	8	3	-	-	4.6	4.6	1500	1	5

PAST 24 HOURS. WEATHER.

District	Stations. (For heights see p. 4.)	7h.–13h. 16th m. (37)	13h.–18h. 16th m. (38)	18h. 16th to 1h. 17th m. (39)	1h.–7h. 17th m. (40)
1	London (Kew)	bbcc	cr.r	orrcb	bcc
	Croydon	bbccy⊕	c⊕r.r	rrbcb	b,c
	S. Farnborough	b,cbcc	cerr	orrbbc	bcc
	Boscombe Down	bbcc	cm.rr	cmrrr	bbc
	Calshot, S'thmtn	bbcc	corm.//	orrc	cpr
	Dungeness				r
	Lympne	c	c		
2	Shoeburyness	b,cbcq	cv	crrb	bbc
	Felixstowe	bm.bc	bcycq	cqcrrbc	bbc
	Gorleston	bybcy	bcyc	corrc	cbc
	Cranwell	bccq	cpr.q//	corrq//	b
3	Birmingham	bbc	bccr	crrbc	bc
	Upper Heyford	p.cbc	corr	orbc	bbc
	Ross-on-Wye	prhp.	oqrhr	RR	bbc
4		bbcq.c⊕	cqorrq.	cobqb	r/pbccp.
5	Portland Bill	bcc	coRr	c	o PR
	Plymouth	bccr.	rrq//pr.	cpr.b	bccpr
	The Lizard	bcrr	rrbc	cpr	cprh.
	Scilly (St. Mary's)	orr	r.r.c	cpql	pqlc
	Guernsey	bcc	corr	orrc	bccpr
6	Pembroke	cqr	cqr//m.	cqphtlc	bcqprc
7	Holyhead	b,c	prrq	cbcbq	bc
	Chester (Sealand)	bcvyc	orcrc	crsrbc	bcprv
8	L'pool (Bidston)	qbbcy	prcKq	pcbq	b,cbc
	Manchester	bcphc	orrin	crm.	bc
9	Harrogate	bcb	bccrr	corrb	cbc
10	Spurn Head	qprc	cqr	nrcbc	bc
	Catterick	bcby	byorr	orrm.c	cq
	Tynemouth	cp.	coir.	oirqb	bbcc
11	Inchkeith	c	c	crro	cbc
	Leuchars	bvxcy	cyc	crqrr	r.c.bx
12	Renfrew (Abbotsl)	crac	ccrs.	orrc	cr.c.n
	Eskdalemuir	rs.ph	phssm	s r s	r.w.s
13A	Tiree	c	c	rrR	dr r.
13B	Stornoway	bcpsc	bc	bc	cpr.
15	Dalwhinnie	bc	bc		bs
	Aberdeen	bcphr.	bcyc⊕	cor.r.	orrc.
	Wick	c	cph.c	cphc	orr
16	Lerwick	cirs.	cpr.	cbcc	c.pr.bc.
17	Blacksod Point	Rq	phrcq	tlphq	phrq
18	Malin Head	cpr.	crr	bcpr.	bccpr
	Aldergrove	b,c	corsrsr.	bcb	b,cod.
	Donaghadee	bcc	corrc	bccc	c.pr.cc
19	Birr Castle	bcorr	rcphr	cphr'	cpcs
20	Valentia Obsy.	orrpr	phrprs.	cphrq	phrbc
	Roches Point	corr	orpbc	bccpc	cpbc

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

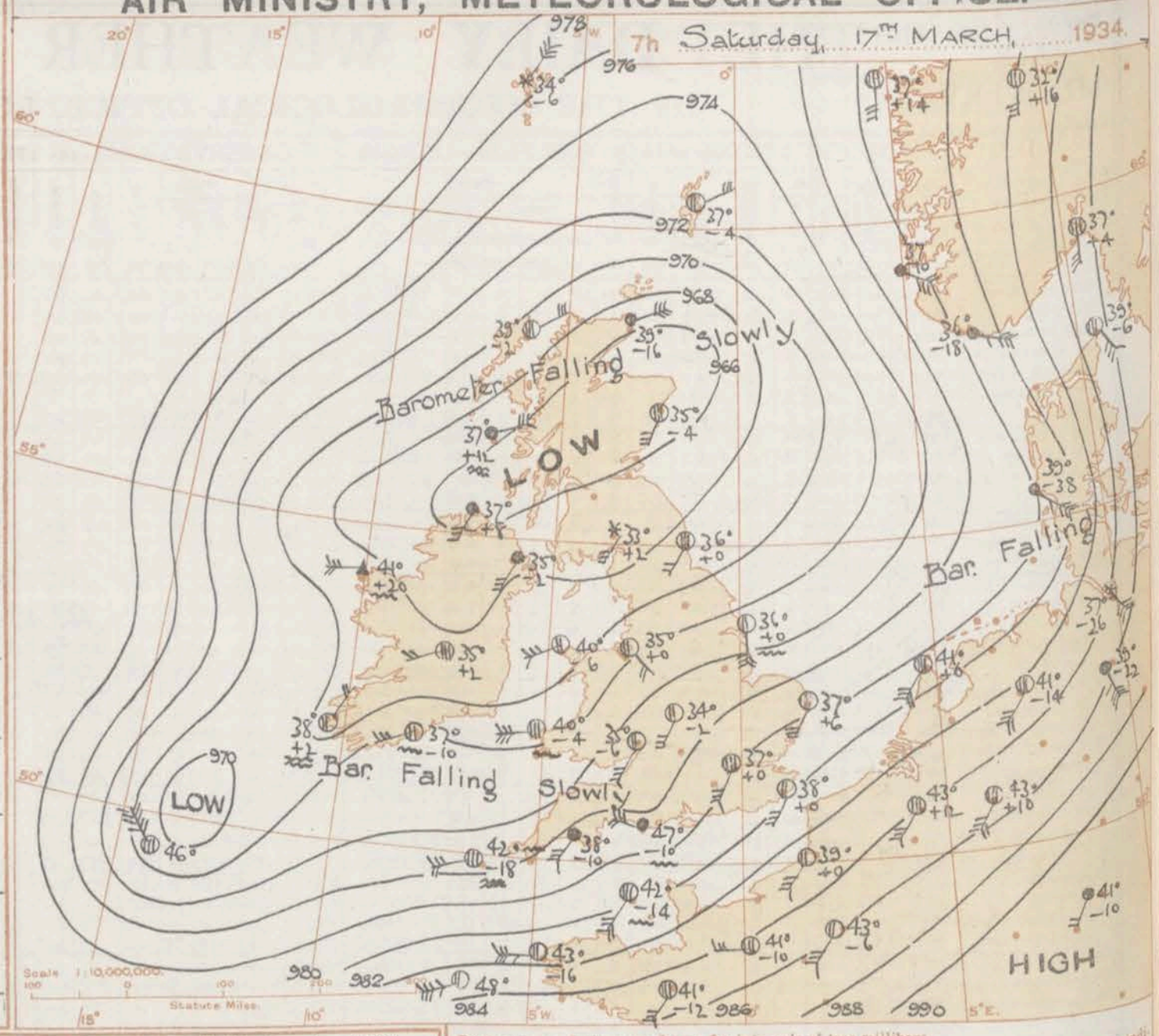
REPORTS from HEALTH RESORTS for... 16th March ..... 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 15th to 9h. 16th	Temperature. Max. 9h.—17h. 15th	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.	bc	bce	37	50	–	–	5·3	7·0
	Bournemouth	b	r	37	49	–	4	5·0	5·5
	Ventnor ...	b	bor	39	48	–	1	5·7	6·1
	Southsea ...	bcb	cor	39	51	0·3	1	5·1	6·7
	Bognor Regis	b	bcir	40	48	2	1	5·0	6·5
	Littlehampton	bc	bcer	40	47	2	1	5·2	6·5
	Worthing ...	bbc	cor	41	48	0·5	0·3	5·2	6·7
	Brighton ...	bc	orc	41	47	Trace	Trace	5·1	5·7
	Eastbourne†	bc	bcco	40	48	1	–	5·2	4·4
	Hastings† ...	cbc	bcco	40	47	–	–	4·8	4·1
	Folkestone ...	bcebc	bcco	39	47	–	–	5·0	3·6
	Dover... ...	bc	bcc	40	46	–	–	6·1	4·4
	Deal	rcb	cbc	41	48	–	Trace	5·7	6·7
	Ramsgate ...	bc	bce	38	48	–	–	6·5	5·5
	Margate ...	bc	bcc	38	51	–	–	7·3	6·5
2	Southend ...	bc	bcco	37	50	–	–	5·6	7·5
	Maldon ...	b	co	37	50	0·6	–	5·8	5·9
	Clacton-on-Sea	bcbbc	bce	38	49	2	–	6·9	6·3
	Dovercourt ...	bcoc	oc	36	50	1	–	6·6	5·7
	Lowestoft ...	bbc	cidc	36	50	1	Trace	6·2	4·1
	Skegness ...	bbc	bco	36	49	1	–	6·8	0·1
	Mablethorpe	bcm	bccom	36	49	Trace	–	7·1	1·8
	Cleethorpes ...	b	bco	37	50	Trace	–	7·0	2·2
3	Leamington S.	bcc	cod	35	49	2	0·1	3·6	1·7
4	Cheltenham†	bbcc	coRR	35	49	1	12	4·7	3·0
5	Bath	bcc	ocrr	37	49	0·3	6	4·0	1·8
	Weymouth ...	b	crr	39	51	–	7	4·4	4·8
	Jersey ...	rcbc	cr	40	48	1	2	3·2	2·5
	Torquay ...	pbwbc	orrqm	34	49	1	8	3·8	4·9
	Penzance ...	br	rccb	38	50	1	10	2·3	2·3
	St. Ives ...	p	p	36	50	1	11	2·4	2·8
	Bude	bcc	copr	40	48	Trace	3	3·0	2·0
	Ilfracombe ...	bbcc	r	40	49	–	11	2·6	0·0
6	Aberystwyth	bcepr	r	40	46	–	3	2·4	0·0
7	Llandudno ...	bcc	cir	38	49	0·3	3	4·7	0·2
	Colwyn Lay...	bcbcc	cror	37	48	1	2	4·0	0·0
	Rhyl	bbcc	corc	37	48	2	1	4·9	0·2
8	Wallasey ...	bbc	bccrc	37	49	2	1	5·6	0·3
	Southport‖ ...	bcb	coro	40	48	0·3	3	4·7	0·4
	Blackpool ...	cbc	cor	39	47	0·1	4	5·0	1·0
	Morecambe ...	cbcb	bcror	37	46	0·3	4	5·5	1·1
9	Ilkley	phl	bccr	36	49	1	3	5·0	0·3
10	Berwick-on-T.	c	co½o	34	43	3	0·1	2·0	1·2
11	Dunbar ...	bc	bc	33	45	1	–	3·0	0·0
12	Troon... ...	bcrbv	bcco	35	45	1	–	3·5	0·8
	Douglas ...	bcoir	Rmq	37	45	–	6	4·8	2·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 17th MARCH, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate or fresh south or southwest wind, veering; cloudy, occasional rain or showers, hail and thunder locally; bright intervals; rather cold.
4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼	Wind southwesterly becoming northwesterly, fresh or strong; cloudy, occasional rain or showers, hail and thunder locally, bright intervals; rather cold.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E England	Moderate southwest to west wind, fresh locally, veering; bright intervals and showers of rain, hail or sleet, perhaps local thunder; rather cold.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate or fresh southwest to west wind, veering; cloudy, some rain or sleet, snow on hills, bright intervals later; rather cold.
13. A. W Scotld. B. N.W. Scotland.	Moderate or fresh northeast to north wind; cloudy, some rain or sleet, snow on hills; rather cold.
14. Mid-Scotland	Light variable to moderate northerly wind; cloudy, some rain or sleet, snow on hills; rather cold.
15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate or fresh northeasterly wind, strong locally; cloudy, some rain or sleet, snow locally; rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Wind becoming northwest or north, strong locally, showers of rain, hail or sleet, bright intervals; rather cold.

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.

A depression over Scotland is moving east slowly and a secondary off Southwest Ireland is likely to move southeast. Weather will be unsettled generally.

FURTHER OUTLOOK.

Showers and bright intervals.

Times of issue of Gale Warnings.

▼ South Cone at 0240 on 14th in district 20.
▼ South Cone at 0750 on 14th in districts 5, 6 & 19.

Forecasts issued at 1020 G.M.T.

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

wxk.

H.M. Stationery Office Press, Kingsway, W.C.2. No. 769/2701 100m 4/34 S.650 (S. 106 28/40 3/34

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

Morning of
SATURDAY
17th MARCH
1934.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 17th March 1934.

No. 26413.

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

Dist.	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	978·6	+6	SW'W	4	b	41	75	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	979·6	+2	WSW	3	b	40	95	7	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	975·1	-16	SW'S	4	bc	43	95	6	6	-	-	2-3	2-3	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	978·8	-6	W'S	6	bc	44	85	7	5	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	980·8	-6	W	6	c	40	96	7	8	-	-	9+	9+	2500
	Scilly (St. Mary's)	163	979·7	-18	W	6	bc/pr	39	85	7	3	-	-	4-6	4-6	1500
	Guernsey	175	982·9	-6	SW	3	bc	43	85	7	8	-	-	4-6	4-6	2500
6	Pembroke	142	973·7	-10	WNW	6	ph	38	95	7	8	-	-	9	9	1500
7	Holyhead	26	970·7	-10	SW'W	5	bc	40	85	7	5	-	-	4-6	4-6	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	972·4	-4	SW	4	bc	41	95	7	-	7	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	983·9	0	W	3	b	40	85	7	-	-	-	0	0	-
11	Inchkeith	190	967·0	-20	SW	3	c	39	95	8	9	2	-	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	970·0	-6	ENE	4	bc	37	75	8	8	7	-	2-3	4-6	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	972·4	-22	ENE	4	c	40	85	8	8	1	-	7-8	10	1500
16	Lerwick	54	973·0	-2	N	2	c	36	85	7	5	2	-	4-6	7-8	1500
17	Blacksod Point	18	966·4	-2	WSW	6	q	38	95	7	9	-	-	10	10	450
18	Malin Head	52	964·6	-4	S	3	bc	36	95	8	6	-	-	2-3	2-3	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	970·2	-34	W'N	6	THR	43	95	7	9	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dist.	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	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)	27.3	-6	S'W	2	c	38	85	7	5	-	6	4-6	7-8	1500	1	*
	Croydon	28.4	0	SSW	4	c	37	85	7	8	7	1	4-6	7-8	1500	1	*
	S. Farnborough	27.0	-10	SSW	4	c	38	95	7	8	1	3	7-8	9	2500	1	*
	Boscombe Down	26.7	-4	SSW	3	c	36	95	8	8	6	-	4-6	7-8	2500	1	*
	Calshot, (S'thmtn)	27.8	-12	SW	4	c	41	75	8	9	-	3	7-8	9	2500	1	3
	Dungeness	*	*	SSE	4	c	*	*	7	8	8	*	4-6	7-8	1500	*	3
	Lympne	29.7	0	SSW	3	bc	38	85	8	5	4	-	4-6	4-6	4000	1	*
2	Shoeburyness	27.5	-2	SSW	3	c	40	85	7	-	9	4	0	7-8	-	1	*
	Felixstowe	27.8	+4	SWS	3	bc	40	85	8	-	4	1	0	2-3	-	1	3
	Gorleston	26.7	+6	SSW	3	b	37	85	7	-	-	-	0	0	-	1	2
	Cranwell	27.8	0	SSW	4	bc	35	85	7	7	3	4	1	2-3	4000	1	*
3	Birmingham	27.5	-2	SSW	3	bc	34	95	7	9	-	1	4-6	4-6	1500	1	*
	Upper Heyford	27.6	-8	SSW	3	bc	34	95	8	3	7	1	2-3	4-6	1500	1	*
4	Ross-on-Wye	27.5	-6	SW	4	bc/pr	35	85	8	3	-	3	2-3	4-6	2500	1	*
5	Portland Bill	27.6	-10	WNW	6	PR	42	95	7	5	-	-	10	10	1500	1	5
	Plymouth	27.7	-10	SW	4	pr	38	95	8	9	-	-	7-8	7-8	1500	1	3
	The Lizard	27.6	0	W'S	5	bc	41	85	7	8	7	-	4-6	4-6	2500	1	4
	Scilly (St. Mary's)	27.2	-18	WSW	5	c	42	75	7	3	7	-	2-3	7-8	2500	1	5
	Guernsey	27.2	-14	SSW	5	c	42	85	6	8	-	-	9	9	2500	1	4
6	Pembroke	27.2	-4	W	5	q	40	75	7	5	7	-	4-6	7-8	4000	1	4
7	Holyhead	26.3	-6	SWW	4	bc	40	75	7	6	-	-	4-6	4-6	2500	1	2
	Chester (Sealand)	27.1	0	SSE	2	bc/pr	35	95	8	5	3	1	2-3	4-6	1500	1	*
8	L'pool (Bidston)	27.1	0	S'W	4	bc	35	85	8	5	-	-	2-3	2-3	2500	1	*
	Manchester	27.1.6	-4	SSW	4	bc	35	85	7	5	3	1	2-3	2-3	2500	1	*
9	Harrogate	27.1.0	-6	S	3	c	35	85	7	6	8	9	4-6	7-8	2500	1	*
10	Spurn Head	27.2.1	0	S	5	bc	36	95	7	-	7	-	0	2-3	-	0	4
	Catterick	27.0.4	+6	SE	1	c	35	85	7	9	3	1	7-8	9	1500	1	*
	Tynemouth	26.8.9	0	SW	3	c	36	85	6	6	-	-	7-8	7-8	1500	1	2
11	Inchkeith	26.6.5	-2	SSW	3	bc	36	95	8	8	4	-	4-6	4-6	2500	1	2
	Leuchars	26.6.1	0	WSW	2	b	33	95	7	8	-	-	1	1	2500	1	*
12	Renfrew (Abbotts D	26.7.0	-2	W'N	1	3o	34	95	6	5	-	-	10	10	1500	1	*
	Eskdalemuir	26.7.3	+2	SW	3	6,4	33	95	6	6	-	-	9+	9+	800	7	*
13A	Tiree	26.6.1	+12	E'N	4	rr	37	95	7	6	-	-	10	10	800	1	5
13B	Stornoway	26.2.6	-2	ENE	3	c	39	65	8	8	2	-	4-6	6	1500	1	1
15	Dalwhinnie	26.7.1	-6	NW	1	55	32	95	6	4	4	-	4-6	10	800	7	*
	Aberdeen	26.4.6	-4	SW	3	c	35	95	6	6	7	-	7-8	9+	800	1	2
	Wick	26.6.7	-16	ENE	6	rr	39	95	7	6	-	-	10	10	1500	1	3
16	Lerwick	27.2.5	-4	ENE	3	bc	37	85	9	4	3	-	4-6	4-6	2500	0	*
17	Blacksod Point	26.8.8	+20	W	5	PH(R)	41	95	7	9	-	-	9	9	450	6	4
18	Malin Head	26.5.1	+8	SW	3	pr	37	95	8	6	-	-	9+	9+	800	2	1
	Aldergrove	26.7.9	-2	SSW	3	id.	35	95	7	5	-	-	10	10	450	1	*
	Donaghadee	26.6.7	0	SW	2	c	36	95	8	5	3	-	4-6	7-8	1500	1	1
19	Birr Castle	26.8.4	+2	WSW	2	c	35	95	7	3	-	-	9	9	2500	1	*
20	Valentia Obsy.†	26.9.8	+2	NEN	2	bc	38	85	8	8	-	-	4-6	4-6	2500	1	5
	Roches Point	27.2.3	-10	W	3	bc	37	85	8	3	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

Dist.	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 16th Hrs. (36)
1	London (Kew)	49	37	33	0·3	3	5·5
	Croydon	51	37	33	0·6	7	6·0
	S. Farnborough	50	37	33	2	4	4·3
	Boscombe Down	48	33	30	5	3	4·7
	Calshot, (S'thmtn)	49	40	35	3	4	5·0
	Dungeness	47	38	*	Tr	4	*
	Lympne	48	35	31	-	5	4·1
2	Shoeburyness	52	38	33	-	1	6·8
	Felixstowe	49	38	35	-	2	6·0
	Gorleston	49	36	34	Tr	3	7·2
	Cranwell	49	34	32	0·4	1	6·1
3	Birmingham	47	33	31	2	1	4·3
	Upper Heyford	47	34	29	3	4	*
4	Ross-on-Wye	47	35	31	6	2	3·6
5	Portland Bill	46	37	*	6	1	*
	Plymouth	48	38	36	5	0·4	3·3
	The Lizard	49	38	*	5	2	*
	Scilly (St. Mary's)	50	38	*	7	1	1·7
	Guernsey	49	41	36	6	4	5·1
6	Pembroke	47	37	*	9	2	0·4
7	Holyhead	47	39	36	7	-	3·3
	Chester (Sealand)	51	34	25	1	1	4·9
8	L'pool (Bidston)	47	34	32	1	0·3	5·2
	Manchester	49	33	29	3	0·5	2·7
9	Harrogate	47	33	28	1	2	5·0
10	Spurn Head	49	35	*	0·1	3	6·6
	Catterick	47	34	32	1	3	6·8
	Tynemouth	47	36	31	0·2	2	*
11	Inchkeith	44	35	31	-	2	1·6
	Leuchars	45	33	30	Tr	8	4·4
12	Renfrew (Abbotts D	45	34	30	1	6	2·6
	Eskdalemuir	41	32	31	1	6	0·2
13A	Tiree	45	35	35	0·5	10	6·0
13B	Stornoway	41	36	*	1	Tr.	5·0
15	Dalwhinnie	41	30	31	-	6	5·4
	Aberdeen	45	35	33	Tr	3	5·8
	Wick	41	33	*	Tr	2	*
16	Lerwick	39	34	*	0·6	0·2	0·0
17	Blacksod Point	46	35	*	9	15	*
18	Malin Head	44	34	*	5	0·6	2·5
	Aldergrove	44	35	30	4	Tr.	3·8
	Donaghadee	47	33	*	7	0·1	*
19	Birr Castle	46	33	31	8	8	1·8
20	Valentia Obsy.†	51	37	33	10	3	1·7
	Roches Point	49	37	*	9	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	bbco	cr, r	orrcb	49	37	33	0.3	3	5.5	*	*	6
Croydon	217	bbccy@	c@cc,r	rrbcb	51	37	33	0.6	7	6.0	*	*	7
Greenwich (Royal Observatory)	149	bcy.	cc	rc.bc	52	37	33	0.3	1	6.3	65	76	6
City (Bunhill Row)	—				*	*	*	*	*	5.5	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	39	32	2		5.6	58	76	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	51	38	33	-	2	5.3	69	83	*
Camden Square	110	bc	cr	*	50	38	33	Tr.	3	*	At 18h.	78	*
Kensington	80	bcco	co	*	51	38	30	0.2	2	5.4	81	78	*
Hampstead Observatory	460	bc	bc	orm	48	35	28	0.4	4	5.1	*	87	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.5	20h 16m	Nil	23h 16m–6h 17m

Kew Observatory. Max.	Time.	Min.	Time.
0.2	8h 16m.	<0.1	0–5h 17m.

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 16th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 17th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	995.0	SSW	5	c	46	986.4	SSW	4	3o	43
Brussels	983.0	SSW	3	w	43	981.8	SW.	4	c.	43
Berlin	999.0	SW'S	3	c	43					
Zürich	1005.2	WSW	2	bc	43	996.7	SE	2	0	34
Rome	998.5	WNW	7	c	63	?	E	3	b	46

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
46	43	0·2	6
50	41	-	4
54		-	
?	?	-	-
*	*	-	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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 18th March 1934.

No. 26414

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

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)	976.6	-4	S	3	c	46	85	7	2	-	-	9	9	1500
	Croydon	977.4	-6	S'E	4	c	43	85	7	8	3	-	7-8	9	2500
	S. Farnborough	976.5	-4	SW'W	4	c/pr	43	85	8	9	-	5	4.6	7-8	1500
	Boscombe Down	975.5	-10	SW'S	4	bc	46	85	8	2	-	5	4.6	4.6	4000
	Calshot, S'thmtn	977.3	-4	SW'S	4	c	45	85	8	8	7	6	2.3	9	2500
	Dungeness	*	*	SW	4	bc	*	*	7	7	3	*	4.6	4.6	1500
	Lympne	978.6	-2	SW	5	c	42	85	7	8	-	-	9+	9+	800
2	Shoeburyness	977.1	-4	SW'W	4	bc	43	85	7	5	-	-	2.3	2.3	1500
	Felixstowe	977.0	-6	SW	3	pr	42	75	8	5	2	8	4.6	9+	800
	Gorleston	975.6	-16	S	5	c	45	85	6	8	-	-	7.8	7.8	2500
	Cranwell	973.8	-2	SW'S	4	bc	45	65	7	1	-	-	4.6	4.6	2500
3	Birmingham	974.1	-2	SSW	3	bc	43	65	8	9	-	-	4.6	4.6	4000
	Upper Heyford	975.1	-6	SSW	3	c	47	65	8	8	-	1	9	9	2500
4	Ross-on-Wye	974.5	0	SW'W	3	bc	46	65	8	8	-	-	4.6	4.6	4000
5	Portland Bill	975.8	-8	SSW	4	c	44	85	7	5	-	-	10	10	1500
	Plymouth	975.0	-10	S'E	3	r$_o$	41	85	8	6	2	-	4.6	10	1500
	The Lizard	970.7	-30	ENE	5	r$_o$	~~41~~ 40	~~95~~ 95	7	6	-	-	10	10	1500
	Scilly (St. Mary's)	970.9	0	NE	5	r$_o$	43	95	7	9	-	-	9+	9+	1500
	Guernsey	975.7	-34	SSE	5	0	46	75	8	5	-	-	10	10	2500
6	Pembroke	972.1	-2	WSW	3	bc	47	65	7	5	6	-	4.6	4.6	4000
7	Holyhead	970.2	+6	SW'W	5	c/r$_o$	42	85	7	5	-	-	10	10	1500
	Chester (Sealand)	972.1	-2	SW'S	3	c/pr	43	75	8	6	7	3	4.6	9+	1500
8	L'pool (Bidston)	971.2	0	W'S	3	c	42	75	8	3	1	-	4.6	9+	2500
	Manchester	971.5	0	SW	4	c/pr$_o$	43	65	8	8	2	-	7-8	10	2500
9	Harrogate	971.1	0	SSW	3	c	41	75	6	3	7	-	7-8	9+	2500
10	Spurn Head	972.4	0	S'W	4	c	46	75	7	5	6	8	2.3	7.8	4000
	Catterick	969.9	-2	SSW	4	c	42	65	7	9	-	-	9+	9+	2500
	Tynemouth	969.1	+2	SW	3	i$_o$	41	75	6	6	-	-	10	10	1500
11	Inchkeith	966.7	+2	SW	2	c	41	85	7	5	-	-	9+	9+	1500
	Leuchars	966.0	-4	SW	3	c	43	65	7	8	-	8	4.6	7.8	2500
12	Renfrew (Abbotsil)	967.2	+2	W'N	3	ir	39	85	6	6	-	-	10	10	1500
	Eskdalemuir	967.6	+2	SSW	3	c/s	38	95	8	5	-	-	9+	9+	800
13A	Tiree	970.4	+22	NNE	6	rs	39	85	7	6	2	-	9+	10	800
13B	Stornoway	970.7	0	N	6	phr	37	75	8	8	2	-	7-8	10	1500
15	Dalwhinnie	968.6	+2	N	2	SS	32	95	6	4	4	-	4.6	10	800
	Aberdeen	966.0	+6	SSE	4	c	41	75	6	2	-	-	7.8	7.8	2500
	Wick	965.2	-10	NE	7	rr	40	95	7	6	-	-	10	10	1500
16	Lerwick	968.9	-20	ENE	4	rr	40	95	6	6	-	-	10	10	800
17	Blacksod Point	978.2	+24	N	5	q	43	75	7	9	-	-	7.8	7.8	~~450~~ 220
18	Malin Head	970.5	+32	NW	4	pr	42	85	7	6	-	-	9+	9+	800
	Aldergrove	969.8	+10	W'S	2	pr	41	85	8	8	-	-	9+	9+	800
	Donaghadee	967.5	+4	SW	2	c	41	75	8	9	-	-	7.8	7.8	1500
19	Birr Castle	973.8	+16	W	3	c	44	85	8	3	-	-	9	9	2500
20	Valentia Obsy.	978.5	+42	N	5	c/phr	43	85	8	6	2	-	7-8	9+	1500
	Roches Point	975.0	+20	W	4	c/pR	41	95	8	6	-	-	7.8	7.8	1500

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

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)
976.5	+2	S	2	c	44	65	7	-	2	-	0	9	-	1	*
976.8	0	S	1	c	43	75	6	5	7	-	1	9	2500	1	*
976.1	0	S	2	c	43	75	6	5	1	-	1	9	4000	1	*
975.7	+2	S'E	1	c	41	85	8	5	-	8	2-3	7.8	4000	1	*
975.8	-4	E'S	2	r$_o$r$_o$	42	75	7	5	2	-	4.6	9+	2500	1	1
*	*	S'W	2	c	*	*	6	8	7	*	4.6	7.8	1500	*	1
977.9	-6	S'E	1	c	41	85	8	1	2	-	Tr	9+	2500	1	*
976.9	0	S	2	c	41	75	7	-	1	-	0	7.8	-	1	*
977.3	+2	SSW	3	c	42	75	7	-	1	8	0	7.8	-	1	2
975.7	+2	S	3	bc	45	85	6	4	-	-	4.6	4.6	2500	1	2
974.4	+8	WSW	2	c	42	75	7	4	-	2	4.6	7.8	5700	1	*
974.3	+4	WSW	2	c/phr	42	75	6	6	-	-	7.8	7.8	2500	1	*
975.8	+6	SSW	3	c	41	75	8	-	-	6	0	9	-	1	*
975.4	+4	SW'W	3	bc	43	65	8	-	2	3	0	4.6	-	1	*
975.1	-6	E	3	c	42	95	7	5	-	-	9	9	1500	1	4
976.8	+28	NW	2	c	44	75	7	5	-	2	2-3	7.8	1500	1	3
978.5	+50	W	3	c	43	85	8	8	6	-	4.6	10	2500	1	4
973.6	+40	NNW	5	q	42	95	7	9	6	-	7-8	9+	1500	1	5
973.3	+14	SW	3	r	44	85	8	5	-	-	10	10	2500	2	4
973.6	+10	W	4	c/pr	43	85	7	8	7	-	7-8	9+	1500	1	3
972.5	+18	NW	5	c	42	85	8	4	3	2	4.6	7.8	2500	1	2
973.4	+12	SW'S	2	pr	40	85	7	9	-	-	9+	9+	2500	1	*
973.1	+6	W	3	rr	38	95	7	6	1	-	9+	10	1500	1	*
972.9	+10	WNW	3	rs	37	95	6	6	-	-	10	10	800	1	*
972.3	0	SSW	2	ir	37	95	7	6	-	-	9+	9+	2500	1	*
973.3	+2	S	3	c	43	75	6	3	2	-	4.6	9	4000	0	2
971.2	+12	SSW	2	c	39	85	8	6	-	-	9	9	1500	1	*
969.3	+8	W	3	bc	40	75	7	9	-	-	4.6	4.6	1500	1	2
966.6	+2	WNW	4	c	37	95	8	8	-	-	10	10	1500	1	3
967.2	+8	-	0	ss	33	95	4	5	-	-	10	10	220	6	*
970.0	+22	NW	4	c	39	75	8	8	-	9	4.6	7.8	2500	1	*
968.9	+10	W	2	rs	35	85	7	6	-	1	9	9+	1500	6	*
973.6	+22	N'E	6	c	40	85	8	8	7	-	9	9	1500	1	5
972.3	+16	N	5	c/p	36	85	8	9	7	9	4.6	7.8	800	1	3
970.0	+22	N	4	SS	32	95	6	4	-	-	10	10	800	5	*
967.8	+14	S'E	3	c	41	75	6	8	-	-	9	9	4000	1	2
966.6	+10	NNW	2	c	39	95	8	8	1	-	7-8	9+	1500	1	3
968.6	0	S'W	4	c/r	41	95	7	8	7	-	4.6	7.8	1500	1	*
982.3	+30	N	5	q	41	85	7	9	-	-	4.6	4.6	1500	1	4
974.9	+24	N'W	4	bc/p	41	85	7	6	-	4	4.6	4.6	1500	2	2
974.4	+32	WNW	4	c/p	39	85	8	8	3	-	7-8	9	1500	1	*
972.9	+20	NNW	3	phr	40	65	7	9	-	-	7.8	7.8	1500	1	2
979.9	+40	NW	4	c	39	85	8	8	2	-	7.8	10	1500	1	*
985.6	+86	NW'N	6	bc/phr	42	75	8	9	8	-	4.6	4.6	1500	1	5
981.9	+50	NW	5	bc	45	65	8	3	-	-	4.6	4.6	1500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 17th. (37)	Weather. 13h.–18h. 17th. (38)	Weather. 18h. 17th to 1h. 18th. (39)	Weather. 1h.–7h. 18th. (40)
c	p$_o$c	c$_m$ b	b 3$_o$
i r$_o$c	c ⊕ c r$_m$	c$_m$ b	b, c b c
c v b c p r	c	c b m x	b x b c b
c b c	b c y c	b c b	b
c c y	c r$_o$ r$_o$	c r$_o$ b c b	b
p	c		c
o p h	p r$_o$ c	c i r o r r	c r$_o$ b b c
c p r	b c	b c	b c
b c p$_o$	c p$_o$ b c	b c c r$_o$ r$_o$ c	c b v
b b c c q	c b c q	b c b	b b c x
b c	b c$_o$	b c x	b c x
p s$_o$ b c	p r$_o$ b c	b c p r s	b c c
b c c	c	c b c c	c b v
b c e p r s b c	b c	b c b	b c
c	c r o r o	b c b	b b c
c p r$_o$ q r	c r r b c	b c p r	b c p r
c r r o	p r s b c	b c q	b c p r
r s r s q	r$_o$ c p q	b b c q	b c
e p r b c	o p r c	o r c p r	o b r b c
b c	b c c p r b c c	b c q e b c	b c q b
c i r$_o$	R i r q	b c q	b c q r
b c c p r$_o$	c P R q	c p r b	P R H q
b c c	p R c r	p r q b c	b c q p r
k c p r$_o$	c r s	c r s b c	c p r h b
b c c	c r r i r	c i r	c b c b x
c	c	b c	b c c x
c	q o r r$_o$	c b c	b c
c o i r$_o$	b i r b c	b c p$_o$ o	o b c
b c c	p H p r	c	c b c
c p h r q	c j p	b c p h r	c i r$_o$
s s	s s		i s
b c z$_o$	b c c z$_o$	c z$_o$	c p r b c
o r r	r r i$_o$	i r$_o$ r s	r s r$_o$ r
b c o r r m$_o$	o r r c i r	c b c p r l	b c c i r
p h r q	p h r q	p h r q	p h r c q
c p r	c p r	b e p r$_o$	c p h r
o d$_o$ c	c p r h c	c b – c p	b c p s b
c p r$_o$ c	c P R	b c c	c i s$_o$
c p r c	p r c	c p r	p r b c x
b c c p h r c	c p h r q b c	c p h q r c	p h r b c
c P q c	p$_o$ q b c	b c b x	b 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.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
∠, less than (for cloud height).
⊕, Solar halo. ☿ lunar halo. ⸗ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

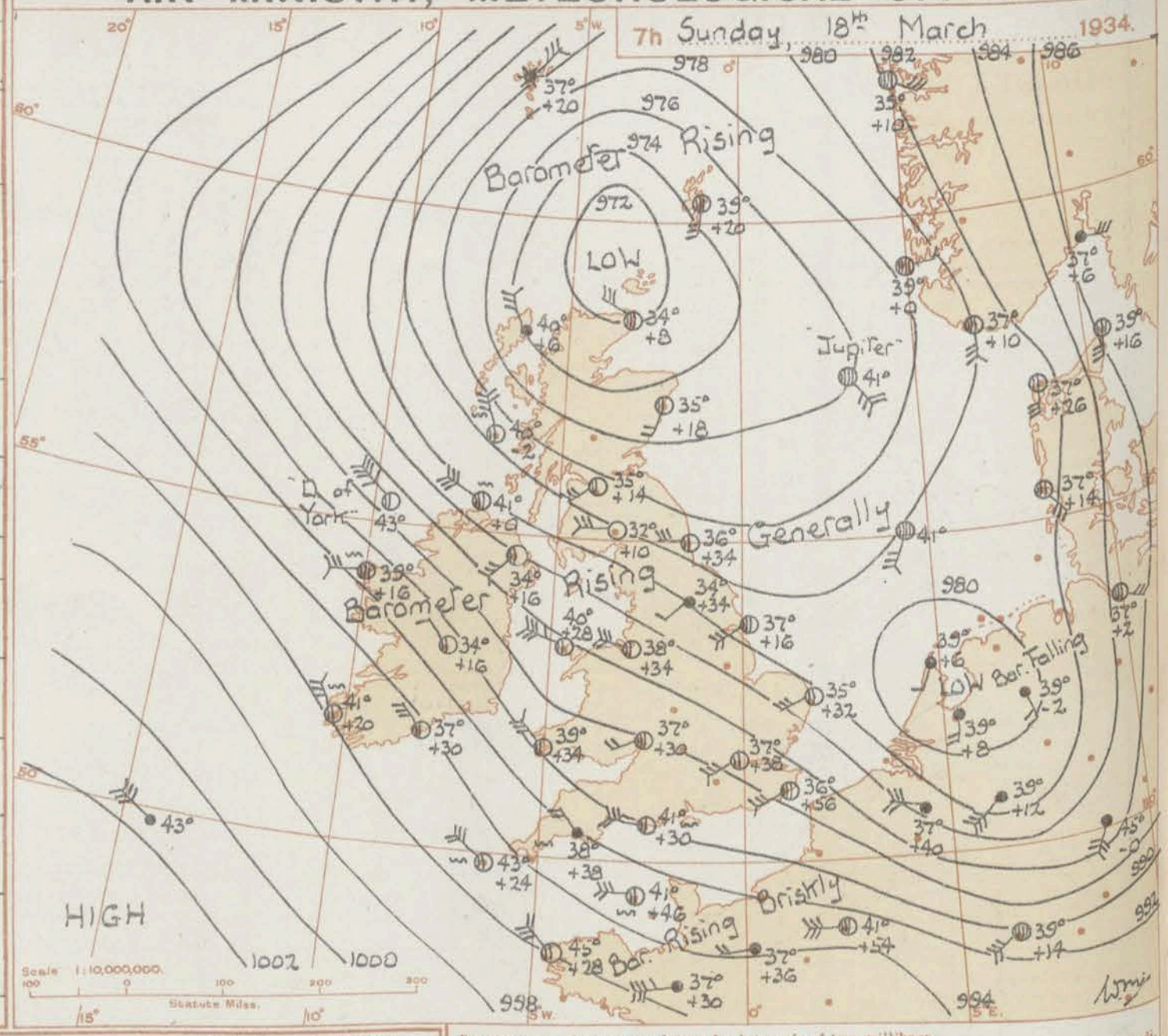
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 17th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. Mar. 16 to 9h. 17th.	Temperature. Max. 9h.—17h. 17th.	Rainfall. Night. 17h. Mar. 16 to 9h. 17th.	Rainfall. Day. 9h.—17h. 17th.	Sunshine. Sunrise to 17h. 17th.	Sunshine. Sunrise to Sunset. 16 Mar.
1	Tunbridge W.	orosc	bcco	37	46	9	3	1·9	5·3
	Bournemouth	cbc	o	38	47	6	-	2·0	5·0
	Ventnor ...	rbrs	cbop	35	45	8	Trace	2·2	5·7
	Southsea ...	orocb	or	37	47	9	0·3	2·1	5·1
	Bognor Regis	hsrlt	bccir	36	45	8	1	2·2	5·0
	Littlehampton	cthrc	c	40	45	5	3	2·1	5·2
	Worthing ...	phc	bbcc	40	46	5	2	1·7	5·2
	Brighton ...	chcrc	bcb	39	46	7	4	2·2	5·1
	Eastbourne†	cohsrcb	bcco	38	46	10	3	2·5	5·2
	Hastings† ...	orhoc	cbccc	38	46	9	2	2·2	4·8
	Folkestone ...	cairc	bc	38	46	7	5	2·6	5·0
	Dover... ...	ophrc	cbcphrc	40	45	6	2	2·9	6·1
	Deal	oro	bco	38	45	8	3	2·4	5·7
	Ramsgate ...	cr	rbc	37	45	5	2	3·0	6·5
	Margate ...	crbc	bc	38	48	3	1	3·5	7·3
2	Southend ...	carbc	bcc	38	47	1	2	3·1	5·6
	Maldon ...	cor	bbcc	35	48	1	0·3	3·4	5·8
	Clacton-on-Sea	cbcc	cbc	39	45	1	-	4·0	6·9
	Dovercourt ...	bcoc	bc	36	47	-	-	4·7	6·6
	Lowestoft ...	bcc	cpbc	36	46	4	0·1	4·3	6·2
	Skegness ...	bbc	bc	35	48	3	-	3·5	6·8
	Mablethorpe	bc	bc	34	47	6	-	8·0	7·1
	Cleethorpes ...	bc	bcc	35	49	3	-	7·3	7·0
3	Leamington S.	bbc	bc	34	48	2	-	6·8	3·6
4	Cheltenham†	cbc	bcq	34	48	3	-	6·9	4·7
5	Bath	bbc	bcc	37	48	2	-	5·2	4·0
	Weymouth ...	cbcc	cr	40	48	2	0·2	2·5	4·4
	Jersey ...	rcbc	cr	39	49	9	1	4·3	3·2
	Torquay ...	pbc	bcorc	36	46	1	6	2·1	3·7
	Penzance ...	orrsr	srsb	37	45	3	13	2·1	2·5
	St. Ives ...	acors	s.cbc	37	44	1	12	1·6	2·5
	Bude	bccp	bcc	36	46	4	Trace	3·5	3·0
	Ilfracombe ...	bp	cbcb	37	48	3	-	6·1	2·6
6	Aberystwyth	prbc	bcc	36	46	4	-	5·0	2·4
7	Llandudno ...	c	prsc	39	45	0·5	1	2·8	4·7
	Colwyn Bay...	bcc	cpcp	36	45	7	2	1·9	4·9
	Rhyl	bcc	cpr	37	46	1	0·3	2·7	4·9
8	Wallasey ...	bcc	cirho	35	44	0·5	1	3·6	5·6
	Southport‖ ...	bcp	orcohrc	36	44	1	2	3·0	4·7
	Blackpool ...	cor	orc	38	44	1	4	0·8	5·0
	Morecambe ...	cbcr	irrbc	35	43	2	6	0·3	5·5
9	Ilkley	cbc	bccr	35	44	6	3	1·9	5·0
10	Berwick-on-T.	bcc	c	35	45	2	-	6·3	2·0
11	Dunbar ...	bc	crs	33	44	4	1	4·8	3·0
12	Troon... ...	hcrbc	crcbv	36	42	4	3	1·0	3·5
	Douglas ...	cirm	ps.cirb	36	44	3	1	2·2	4·8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th March. 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate westerly wind, fair apart from local showers; moderate temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Fresh to moderate northwest to west wind, local showers of rain or hail with snow on high ground; bright intervals; moderate temperature.
9. N Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.
12. S.W. Scotland & Isle of Man	As 5 - 8.
13. {A. W Scotld. B. N.W. Scotland.} 14. Mid-Scotland	Fresh northerly wind, becoming moderate northwesterly; showers of rain or hail with snow on high ground; some bright intervals; rather cold.
15. N.E. Scotland 16. Orkneys and Shetlands.	Light variable or moderate southerly winds, showers of rain or hail with snow on high ground; some bright intervals; rather cold.
17. N.W. Ireland 18. N.E. Ireland	Fresh to strong northwest winds, becoming moderate westerly; showers of rain or hail; moderate temperature.
19. S.E. Ireland	As 5 - 8.
20. S.W. Ireland	As 17.

GENERAL INFERENCE.

A depression centred off Northeast Scotland is almost stationary and filling up. A ridge of high pressure west of Ireland is moving rapidly eastwards and is being followed by a new disturbance Weather will be mainly fair apart from showers of rain or hail, which will occur chiefly in western and northern districts.

FURTHER OUTLOOK.

Fair apart from local showers in most districts; More general rain later in West.

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.

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 18th March 1934.

No. 2644

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	979·2	+18	WSW	4	b	37	85	7	-	-	1	0	Tr.	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	978·2	+14	N	3	rr	37	95	7	6	1	-	9	10	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	977·9	+2	SW'S	2	b	39	85	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	982·0	+30	NW	5	b	42	85	6	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	987·4	+40	NW	6	bc	42	75	8	8	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	988·9	+28	NW	6	q	42	65	7	2	-	-	2-3	2-3	4000
	Guernsey	175	984·7	+34	WNW	5	bc/pr	43	75	7	8	-	-	4-6	4-6	2500
6	Pembroke	142	983·1	+24	NNW	4	q	40	85	7	6	-	-	4-6	4-6	2500
7	Holyhead	26	980·3	+26	NNW	6	q	40	85	7	4	-	-	2-3	2-3	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	976·0	+4	SSW	3	bc	37	95	6	-	2	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	973·3	+18	W	4	o	38	75	7	6	-	-	10	10	1500
11	Inchkeith	190	973·9	+18	WNW	3	c	38	85	8	5	2	-	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	973·3	-6	NW	3	pr	37	85	8	8	6	-	2-3	4-6	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	969·3	+4	W	3	rs	33	95	7	6	-	-	10	10	1500
16	Lerwick	54	971·4	+12	ESE	4	bc/pr	40	85	7	8	-	-	4-6	4-6	1500
17	Blacksod Point	18	988·9	+24	N	4	bc	40	75	7	9	-	-	4-6	4-6	800
18	Malin Head	52	980·6	+18	NW	5	pbr	40	75	7	6	-	-	9+	9+	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	991·4	+14	NW	5	bc	42	95	8	8	-	-	4-6	4-6	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
London (Kew)	986·8	+40	W'S	3	bc	37	75	6	-	-	1	0	2-3	-	1	*
Croydon	987·0	+38	W'S	4	bc	37	85	8	4	4	2	1	4-6	5700	1	*
S. Farnborough	987·2	+40	W	4	b	36	85	8	-	-	1	0	1	-	1	*
Boscombe Down	988·3	+28	W'N	4	b	35	85	8	3	-	-	1	1	4000	1	*
Calshot (S'thmtn)	988·7	+44	WSW	3	b	37	85	8	-	4	-	0	Tr	-	1	1
Dungeness	*	*	WSW	2	bc	*	*	7	8	6	*	4-6	4-6	1500	*	2
Lympne	986·4	+56	W'N	4	c	36	85	8	5	8	3	4-6	9	4000	1	*
Shoeburyness	985·3	+50	W	3	b	37	85	7	1	-	-	1	1	4000	1	*
Felixstowe	985·9	+44	WNW	4	bc	38	75	8	-	4	9	0	2-3	-	1	3
Gorleston	985·2	+32	W	3	bc	35	95	6	4	-	-	2-3	2-3	2500	1	2
Cranwell	983·4	+28	WSW	4	bc	34	95	6	4	3	-	4-6	4-6	2500	4	*
Birmingham	986·8	+40	WNW	3	is	34	95	5	6	-	-	9+	9+	1500	1	*
Upper Heyford	986·5	+46	W	5	b	36	85	9	5	-	1	1	1	4000	1	*
Ross-on-Wye	988·2	+30	W	2	c	37	85	8	8	-	3	4-6	7-8	4000	1	*
Portland Bill	985·1	+30	WNW	5	bc	41	75	8	4	-	-	2-3	2-3	2500	1	4
Plymouth	992·5	+38	NW	2	pr	38	85	8	8	-	-	7-8	7-8	2500	1	3
The Lizard	993·9	+36	WNW	6	bc	41	75	8	8	-	-	4-6	4-6	2500	1	4
Scilly (St. Mary's)	994·3	+24	NW	5	bcjp	43	65	8	9	6	-	4-6	4-6	2500	1	4
Guernsey	992·3	+46	WNW	5	bc	41	85	8	8	-	-	4-6	4-6	2500	2	4
Pembroke	988·3	+34	NW	4	bcq	39	85	7	5	-	-	2-3	2-3	4000	1	3
Holyhead	985·9	+28	WNW	7	bc	40	85	7	1	-	-	2-3	2-3	2500	1	3
Chester (Sealand)	985·5	+34	WNW	5	bc	38	85	8	3	-	-	2-3	2-3	2500	6	*
L'pool (Bidston)	985·4	+36	NW	5	bcq	39	75	8	3	-	-	4-6	4-6	1500	1	*
Manchester	983·8	+40	WNW	4	b	37	85	8	8	-	-	1	1	2500	1	*
Harrogate	982·4	+34	SW	1	pr	34	85	9	8	-	-	7-8	7-8	4000	1	*
Spurn Head	980·7	+16	WSW	5	c	37	85	7	5	7	-	4-6	7-8	4000	0	3
Catterick	981·2	+36	W'N	3	bc	37	85	8	5	-	-	4-6	4-6	4000	1	*
Tynemouth	978·8	+34	W	3	bc	36	85	7	2	-	-	4-6	4-6	2500	1	2
Inchkeith	976·9	+10	SW	4	bc	36	85	8	4	-	-	2-3	2-3	2500	0	3
Leuchars	976·3	+16	W	3	b	33	75	9	8	-	9	1	1	4000	4	*
Renfrew (Abbotsl)	975·9	+14	WSW	3	bc/pr	35	95	8	8	-	1	4-6	4-6	2500	1	*
Eskdalemuir	979·6	+10	W	4	b	32	75	8	2	-	-	1	1	1500	4	*
Tiree	978·0	-2	N'W	5	bc/pr	40	85	7	8	4	-	4-6	4-6	1500	1	4
Stornoway	973·9	+6	NNW	4	ir	40	95	7	9	6	-	7-8	9+	1500	1	2
Dalwhinnie	976·2	+4	NW	3	bc	30	95	7	4	4	-	2-3	2-3	1500	9	*
Aberdeen	974·5	+18	SSW	2	bc	35	75	7	8	-	1	2-3	2-3	2500	1	31
Wick	970·6	+8	WNW	3	c	34	95	8	8	6	-	4-6	7-8	1500	6	2
Lerwick	975·0	+20	S	3	c/r	39	95	7	8	7	-	7-8	9+	1500	1	*
Blacksod Point	991·3	+16	W	4	bc	39	95	7	9	-	-	7-8	7-8	450	1	4
Malin Head	981·3	0	NW'W	6	w	41	75	7	6	-	-	9+	9+	800	1	4
Aldergrove	985·1	+16	SW'W	4	bc	34	85	8	3	-	-	2-3	2-3	1500	1	*
Donaghadee	985·2	+12	NW	3	is	34	95	7	5	-	-	7-8	7-8	1500	6	2
Birr Castle	991·0	+16	NW	1	bc	34	85	8	5	-	-	2-3	2-3	2500	1	*
Valentia Obsy.†	995·7	+20	N'W	4	bc	41	75	8	5	-	-	4-6	4-6	2500	1	4
Roches Point	994·9	+30	NW	3	bc	37	95	8	3	-	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 1.1th Hrs. (36)
London (Kew)	47	36	28	0·2	-	3·0
Croydon	47	36	32	0·1	-	3·3
S. Farnborough	48	31	24	0·3	-	2·4
Boscombe Down	48	34	28	-	-	3·4
Calshot (S'thmtn)	47	36	32	3	0·1	2·5
Dungeness	46	34	*	2	7	*
Lympne	44	35	32	3	8	1·2
Shoeburyness	47	34	27	1	0·4	3·4
Felixstowe	45	36	32	Tr	1	4·6
Gorleston	47	33	31	-	-	5·3
Cranwell	47	33	28	-	-	7·7
Birmingham	47	34	31	0·2	0·3	5·7
Upper Heyford	48	33	26	-	-	*
Ross-on-Wye	48	36	31	0·4	-	6·7
Portland Bill	45	37	*	2	-	*
Plymouth	44	38	34	5	0·6	2·0
The Lizard	44	40	*	9	0·4	*
Scilly (St. Mary's)	47	40	*	10	-	4·3
Guernsey	47	40	35	2	3	2·9
Pembroke	48	38	*	0·4	1	6·1
Holyhead	44	39	38	3	-	0·5
Chester (Sealand)	44	34	32	2	4	1·6
L'pool (Bidston)	43	35	34	2	1	3·4
Manchester	45	34	30	2	3	3·5
Harrogate	43	33	27	2	1	2·5
Spurn Head	49	36	*	-	0·2	6·8
Catterick	42	35	32	2	-	1·2
Tynemouth	42	35	30	1	Tr	*
Inchkeith	42	35	33	4	-	1·9
Leuchars	44	32	28	7	0·3	4·1
Renfrew (Abbotsl)	42	32	27	1	Tr	1·0
Eskdalemuir	39	31	30	7	0·1	0·4
Tiree	42	35	34	2	1	2·9
Stornoway	43	35	*	1	4	2·0
Dalwhinnie	33	29	28	11	1	0·0
Aberdeen	43	35	29	-	03	5·8
Wick	41	32	*	10	9	*
Lerwick	42	38	*	7	1	0·0
Blacksod Point	44	35	*	6	2	*
Malin Head	42	35	*	1	0·5	0·5
Aldergrove	42	33	27	2	0·6	*
Donaghadee	45	33	*	0·5	0·2	*
Birr Castle	45	32	28	0·5	0·5	2·3
Valentia Obsy.†	47	37	33	3	1	4·2
Roches Point	48	36	*	1	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	c	p.c	cm.bz.	47	36	28	0·2	-	3·0	*	*	6
Croydon	217	ir.c	c⊕cm.	cm.bc	47	36	32	0·1	-	3·3	*	*	7
Greenwich (Royal Observatory)	149				49	37	28	Tr	-	2·8	54	65	
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	48	37	29	-		2·4		65	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	48	37	31	-	-	2·3	56	73	*
Camden Square	110	c	c	*	48	37	33	-	-	*	*	66	*
Kensington	80	c.bc	bc	*	49	37	31	Tr	Tr	2·8	At 18h.	68	*
Hampstead Observatory	450	o	bc	ovc	47	38	31	-	-	2·8	*	81	*

FOREIGN OBSERVATIONS.

18h. G.M.T. 17th March

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	980·5	SSW	5	bc	50
Brussels	980·4	WSW	1	b	43
Berlin	988·4	SSE	4	bc	43
Zürich	993·2	W	2	c	45
Rome	1004·3	SSE	7	ir	55

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

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
994·1	W	6	c/pr	41
983·4	WNW	5	r.r.	37
988·6	SSE	3	c	39
995·8	SW	3	c	43
1001·5	SSW	6	id.q	54

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	41	Tr.	2
50	36	1	3
50	36	0·2	-
*	34	0·6	-
*	*	2	6

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1·0	23h 17m	Nil.	4h 18m

Kew Observatory. Max.	Time.	Min.	Time.
1·3	22h 17m	0·1	3-6h 18m

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 19th March 1934.

No. 26415

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 18th March														OBSERVATIONS at 18h. G.M.T. 18th March														PAST 24 HOURS.			
				Wind.					Cloud.									Wind.					Cloud.								Weather.			
		Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	Force. 0-12	Weather.	Temp. °F.	% Humid.	Visibility 9-9	Form. Low.	Form. Med.	Form. High.	Amount. Low. 0-10	Amount. Total 0-10	Height of Base. (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Direc.	Force. 0-12	Weather.	Temp. °F.	% Humid.	Visibility 9-9	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	7h.–13h. 18th	13h.–18h. 18th	18h. 18th to 1h. 19th	1h.–7h. 19th
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)
1	London (Kew)	992.7	+24	W	4	c	45	56	8	8	-	-	7-8	7-8	1500	996.1	+22	WSW	4	bc	43	55	6	2	-	-	2-3	2-3	2500	1	*	b 3₀ c	bc by	b	bwc3₀
	Croydon	992.9	+26	W	4	bjp	47	45	7	3	-	-	4-6	4-6	2500	996.3	+20	SW	4	bjp	43	55	8	8	-	-	2-3	2-3	2500	1	*	bcc bc	bcy q pr₀	b	b,c
	S. Farnborough	993.0	+26	NW	3	pr	46	55	8	3	-	3	4-6	4-6	4000	996.5	+24	WNW	4	b	40	75	8	4	-	3	Tr.	Tr.	5700	1	*	bc ph y	bc ip c₀	b	b,cr₀o
	Boscombe Down	993.6	+24	W'N	5	bc	44	55	8	2	-	-	4-6	4-6	4000	996.7	+16	W'N	2	bc	39	85	8	1	-	1	2-3	2-3	4000	0		cy	bcy	b	cr₀m₀
	Calshot, S'thmtn	994.1	+24	W'N	5	bc	45	45	8	8	-	-	4-6	4-6	2500	997.1	+12	W	4	bc	45	45	8	8	-	-	4-6	4-6	2500	0	2	bcqy	bcqy		cr₀
	Dungeness	*	*	WSW	3	c	*	*	7	3	-	*	3-	3-	1500	*	*	SW	3	c	*	*	7	8	-	*	7-8	7-8	2500	*	2	o	bc	*	c
	Lympne	992.5	+28	W	3	c/ph(r)	43	55	8	8	-	-	3	3	2500	995.8	+16	WSW	3	b	40	65	8	2	-	-	1	1	2500	1	*	bc ph	cp r h b	bw	bxcv
2	Shoeburyness	993.5	+30	W'N	4	bc	46	55	8	7	-	-	4-6	4-6	4000	997.7	+20	W	3	bc	42	65	6	5	-	-	2-3	2-3	4000	1	*	bc	bc	b	bcwc
	Felixstowe	990.8	+30	W'N	4	bc	44	55	8	2	-	-	4-6	4-6	4000	994.2	+20	WSW	2	b/p h	42	55	8	3	-	-	4-6	4-6	800	1	2	bc cp bc v	bc v c p r h q	b c b	b,c
	Gorleston	988.8	+26	WNW	3	c/ph(r)	44	65	7	8	-	-	7-8	7-8	2500	992.5	+14	SW's	3	bc	41	76	6	8	-	-	2-3	2-3	2500	1	2	bc cq	cq ph₀	cp r h₀	bc
	Cranwell	989.3	+28	W's	5	c/pr	40	65	8	3	-	-	7-8	7-8	2500	991.3	+20	SWW	4	c	40	75	8 7	8	-	-	7-8	7-8	2600	1	*	bc p h q	bc	bc p r₀	bxc
3	Birmingham	991.0	+18	W	4	bc	43	56	8	8	-	-	4-6	4-6	2500	993.5	+18	W	4	c	42	55	8	8	5	-	2-3	7-8	2500	1	*	as bc	bc ph v	bcb	bbc
	Upper Heyford	992.3	+24	W'N	5	c	45	55	3	8	-	-	3	3	4000	995.0	+14	W's	4	bc	41	65	3	4	-	1	2-3	2-3	4000	1	*	bvc	cyv	bcvbx	bxc
4	Ross-on-Wye	993.3	+20	W'N	4	q	46	45	3	2	-	-	4-6	4-6	4000	996.4	+14	W's	3	b	43	55	3	8	-	3	1	1	4000	1	*	cbcvy	h₀ p bcvy	bv	bcc
5	Portland Bill	995.6	+20	WNW	5	c	45	75	8	4	4	-	4-6	7-8	2500	998.3	+12	W	4	bc	45	65	8	4	-	-	2-3	2-3	2500	1	4	bcc	c bc	bcc	corr
	Plymouth	997.5	+24	NW	4	bjp	47	55	8	8	-	-	4-6	4-6	2500	999.4	+14	W	5	c	45	65	8	8	-	3	7-8	7-8	4000	1	2	bcpr₀y	bcjpy	cp r b	bcorrm₀
	The Lizard	999.0	+20	W'N	5	bc	47	65	8	2	-	-	4-6	4-6	2500	1000.6	+6	W	4	bc	45	75	8	8	-	-	2-3	2-3	2500	1	3	bc	bc	bcc	crrc
	Scilly (St. Mary's)	999.4	+20	WNW	4	bc	49	55	8	8	-	-	2-3	2-3	2500	999.7	-2	W's	4	c	45	65	8	8	1	-	4-6	7-8	1500	1	3	ph₀ bc	bc p₀ c	cbccr	crrdq
	Guernsey	996.2	+30	W	5	bc	47	65	8	2	-	-	2-3	2-3	2500	1000.8	+18	W's	4	bc	45	65	8	7	-	-	4-6	4-6	2500	1	3	bc	bcc	bbcc	orr
6	Pembroke	995.1	+16	W	4	bc/ps	44	65	7	7	6	-	4-6	4-6	5700	999.9	+4	W	4	q	44	65	7	5	-	-	2-3	2-3	4000	1	3	bq bcq	bcq	bcqc	crrm₀c
7	Holyhead	989.6	+16	W	7	q bc	44	65	7	5	3	-	4-6	7-8	1500	992.0	+20	W	5	bc	44	65	8	4	-	-	2-3	2-3	4000	1	3	bcq	bcq	bcb	b,c
	Chester (Sealand)	989.8	+16	W	6	bc	46	55	3	2	-	3	4-6	4-6	4000	991.9	+16	W's	5	pr	44	65	8	3	-	3	7-8	7-8	1500	1	*	bbcy v	cprhq	bcb	bbcx
8	L'pool (Bidston)	989.0	+10	WNW	7	q	42	65	8	8	-	-	4-6	4-6	4000	993.8	+12	WNW	7	q	42	75	8	8	-	8	2-3	4-6	4000	1	*	cq bcq	q p bc	bc	bcc
	Manchester	988.3	+18	WNW	6	c	43	65	8	8	-	-	7-8	7-8	2500	993.7	+6	WNW	6	c/ps	42	75	7	8	-	-	3	3	1500	1	*	ph bc	ph r q	cprcq	bcx
9	Harrogate	985.1	+6	WSW	5	q	42	65	3	3	-	3	2-3	4-6	4000	987.4	+6	SW	4	b/pr	38	95	8	3	8	-	4-6	4-6	2500	1	*	cbcq	PR c₀	cp b	bcbx
10	Spurn Head	985.8	+10	WSW	6	c	44	65	7	3	7	-	4-6	7-8	4000	987.3	+10	SW	5	pr	41	85	7	3	2	-	7-8	3	4000	1	3	bc	cpr	bcpr₀	bc
	Catterick	983.7	+8	SWW	5	bc	42	75	8	3	-	3	2-3	2-3	2500	986.9	+14	W's	3	c	40	75	8	7	8	-	4-6	7-8	4000	1	*	bvb	bbcpr c₀	bcbx	bxbc
	Tynemouth	981.5	+12	W	5	bc	42	65	7	2	-	-	4-6	4-6	2500	983.6	+12	W	3	b/pr	42	75	7	3	-	-	4-6	4-6	1500	1	2	bcq	bc p q	bcp₀	bc
11	Inchkeith	978.7	+4	WSW	4	bc	44	75	8	4	3	-	2-3	4-6	4000	982.8	+36	WSW	3	c	43	85	8	8	4	-	7-8	3	2500	1	2	bc	bc pr₀	cbc3₀	bcc
	Leuchars	978.3	+12	W	4	c j b	46	55	3	8	-	-	3	3	2500	982.5	+30	WNW	3	bjp	42	75	3	8	-	-	1	1	2500	1	*	bbccwy	ypr₀ bv	bjpvx	bx
12	Renfrew (Abbotsl)	980.7	+18	W'N	4	c	45	75	8	8	3	1	7-8	7-8	2500	985.1	+32	W	3	bc	41	85	8	8	4	-	1	2-3	2500	1	*	pr s p r₀	c p s b	bbc	bccm₀
	Eskdalemuir	981.3	+8	W	3	c/r s	37	85	8	8	-	-	3	3	1600	984.2	+22	W	3	c/pr	35	85	8	5	-	-	3	3	1500	1	*	s i s c s	bcc pr₀	cprbc	bcc
13A	Tiree	982.2	+20	NW'N	5	c/r	43	85	8	6	2	-	3	3+	800	985.8	+24	NWW	4	c/pr	42	95	8	8	7	-	3	3	1500	1	4	bcc	c i r₀	cpr	c
13B	Stornoway	979.6	+20	N	3	bc	46	65	3	8	7	3	4-6	4-6	2500	983.6	+18	WNW	2	c	42	85	8	8	7	-	4-6	7-8	2500	1	1	cbc	bcc	cpr₀	cpr₀
15	Dalwhinnie	978.5	+16	WNW	4	bc	37	95	7	4	4	-	4-6	4-6	800	983.7	+40	NW	2	c	38	95	8	4	4	-	4-6	7-8	2500	3		bc	bc	*	bc
	Aberdeen	977.5	+18	W's	3	c/r	42	85	7	6	2	-	3+	10	1500	982.0	+14	NW	3	bc	41	85	7	8	-	-	2-3	2-3	2500	1	1	bcc i r₀	cbc	bcc	bcb3₀
	Wick	977.1	+32	NNE	3	bc	43	95	8	8	6	-	4-6	4-6	1500	981.5	+22	NNE	3	c	42	95	8	8	8	1	4-6	7-8	1500	1	2	cbc	bc p r c	bc	bc
16	Lerwick	979.2	+16	ENE	4	c/ph(r)	41	85	8	8	7	8	4-6	9	1500	981.1	+14	ENE	3	c	42	85	8	8	2	-	4-6	7-8	1500	1	*	c p h r	c p r	c p r b c c	c
17	Blacksod Point	995.0	+20	WNW	5	bc	46	95	8	3	-	-	2-3	2-3	1500	998.8	-2	WNW	3	bc	45	95	8	2	-	-	2-3	2-3	2500	1	3	p r h c q	bc	bc	i r₀
18	Malin Head	985.3	+22	NWW	6	c/pr	43	85	7	6	-	-	3	3	800	988.1	+16	W	5	bc	44	75	7	2	-	-	4-6	4-6	1500	2	2	c i h r	c p r₀	bc	bc
	Aldergrove	987.5	+12	WNW	5	pr	40	85	8	3	-	-	3+	3+	1500	990.3	+22	W's	4	b	41	75	8	8	-	-	1	1	2500	1	*	b c p s p 4 h	c p r p l h q	b b x	b x c
	Donaghadee	986.0	+12	NW	5	ph(r)	44	75	7	6	-	-	4-6	4-6	1500	988.5	+6	WNW	4	bc	44	75	7	8	-	-	4-6	4-6	1500	1	2	c p r q	p r c b c	b b c	b c x
19	Birr Castle	994.5	+12	NW	3	c	45	55	8	8	-	-	7-8	7-8	2500	994.8	+2	NW	2	bc	45	65	8	8	-	-	2-3	2-3	2500	1	*	bc c p h	c b c	b c b	b x b c o
20	Valentia Obsy.	998.1	+6	WNW	3	bc/ph(r)	43	75	8	8	-	5	4-6	4-6	2500	995.6	-18	SW	3	bc	43	66	3	8	-	6	Tr.	4-6	2500	1	3	c p h r b c	b c y b c	b c c r₀ o	c r₀ f₀ c
	Roches Point	998.1	+10	NW	4	bc	45	75	3	3	-	-	4-6	4-6	1500	997.7	-2	NW	3	bc	46	75	3	3	-	-	4-6	4-6	1500	1	3	bc v	p h b c v	b c v c	c c r r

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

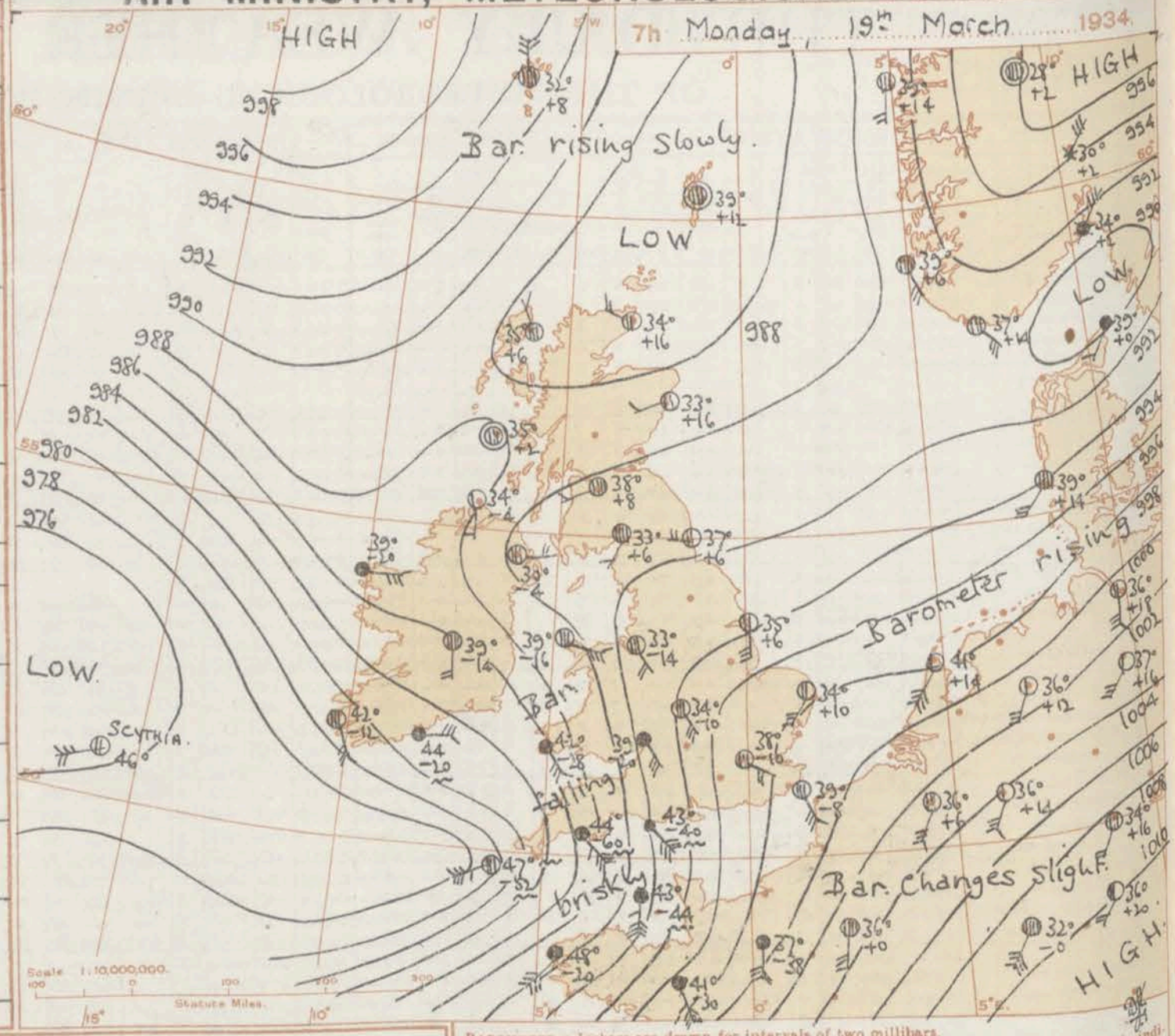
REPORTS from HEALTH RESORTS for 18th. March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 17th. to 9h. 18th.	Temperature. Max. 9h.—17h. 18th.	Rainfall. Night. 17h. 17th. to 9h. 18th.	Rainfall. Day. 9h.—17h. 18th.	Sunshine. Sunrise to 17h. 18th.	Sunshine. Sunrise to Sunset. 17th.
1	Tunbridge W.	pbcc	cpbc	33	48	5	Trace	6·7	1·3
	Bournemouth	b	b	35	50	-	-	8·0	2·0
	Ventnor ...	cbcb	bbc	37	48	2	-	7·1	2·2
	Southsea ...	b	b	37	49	0·2	-	9·4	2·1
	Bognor Regis	b	bcirb	37	49	2	Trace	9·7	2·2
	Littlehampton	bc	bc	35	48	1	-	8·2	2·1
	Worthing ...	bbcc	pcbcb	36	49	5	0·5	7·8	1·7
	Brighton ...	bcrc	cpcb	36	48	16	0·1	8·2	2·2
	Eastbourne†	bbc	bcpbcb	37	48	7	0·1	8·5	2·5
	Hastings† ...	bbc	bcbc	36	48	7	-	7·5	2·2
	Folkestone ...	bc	bcrc	36	46	8	0·2	6·0	2·6
	Dover... ...	bcc	cbc	37	48	5	-	6·4	2·9
	Deal	bcbbc	opbc	37	48	8	0·5	6·9	2·4
	Ramsgate ...	bc	cpsbc	37	48	8	0·1	7·8	3·0
	Margate ...	bc	bcp	38	47	8	Trace	7·4	3·5
2	Southend ...	bcpsc	cpsb	35	49	-	0·1	7·3	3·1
	Maldon ...	b	b	36	50	-	-	8·9	3·4
	Clacton-on-Sea	bc	bc	35	49	0·3	-	7·8	4·0
	Dovercourt ...	bcc	bcrps	35	49	-	0·4	7·3	4·7
	Lowestoft ...	bbcph	cphbc	33	47	-	Trace	6·6	4·3
	Skegness ...	bcps	bco	38	47	Trace	Trace	7·7	9·5
	Mablethorpe	bc	bcopv	33	48	-	Trace	8·0	8·0
	Cleethorpes ...	b	bcors	34	48	0·2	Trace	6·7	7·3
3	Leamington S.	bbc	bcprb	34	47	-	0·4	5·9	6·8
4	Cheltenham†	bcb.	bc	35	47	-	Trace	8·1	7·2
5	Bath	bcb	bcrhs	36	48	-	2	7·7	5·4
	Weymouth ...	bcb	bcb	37	51	0·1	-	8·7	2·5
	Jersey ...	rbcb	bc	41	49	3	-	9·5	4·3
	Torquay ...	pbbrpb	by	36	50	0·4	-	9·5	2·1
	Penzance ...	b	b	36	51	1	-	9·2	2·3
	St. Ives ...	b	b	36	48	0·5	-	8·6	1·8
	Bude	bc	bc	40	47	1	-	9·2	3·5
	Ilfracombe ...	bc	b	41	47	0·2	-	7·9	6·5
6	Aberystwyth	prhbc	bcc	38	45	6	-	6·6	5·0
7	Llandudno ...	bbc	cpbcc	39	45	0·5	Trace	4·8	2·8
	Colwyn Bay...	bcbcc	cbc	38	45	1	-	4·1	1·9
	Rhyl	bcbbc	bccpr	37	46	3	0·2	5·7	2·7
8	Wallasey ...	bbc	irhbc	35	46	1	0·3	4·4	3·6
	Southport‖ ...	bcc	cohpcc	37	44	1	0·3	5·2	3·0
	Blackpool ...	cbc	cp	38	45	0·5	1	5·4	0·8
	Morecambe ...	rabbc	bcrib	35	43	1	1	6·2	0·4
9	Ilkley	bpsb	bcpsb	33	44	3	3	5·6	1·9
10	Berwick-on-T.	bcc	c	34	46	1	-	6·6	6·3
11	Dunbar ...	rbc	bc	34	46	2	-	6·9	4·8
12	Troon... ...	corro	bcoc	35	46	5	-	2·8	1·0
	Douglas ...	xbcbc	cirbhc	35	45	5	1	6·5	2·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday, 19th March 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— Clear sky. Sky less than 1/10 clouded. Sky 1/10 to 2/10 clouded. Sky 3/10 to 5/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Wind southeast, fresh or strong, gale locally on coast, veering; dull and rainy at first, bright intervals and showers later; rather low to average temperature.
4. W. Midlands 5. S.W. England 6. South Wales	Wind southwest, fresh, strong or gale on coast; cloudy, bright intervals, showers, perhaps local thunder and hail; temperature average or rather low.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E. England	Wind southeast or east, fresh or strong; dull, rain, with sleet or snow on hills; rather cold.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind becoming southeast or east, fresh or strong; cloudy or dull; rain, sleet or snow later; rather cold.
13. A. W Scotld. B. N.W. Scotland.	Wind north or northeast, moderate or fresh; variable cloud, wintry showers; rather cold.
14. Mid-Scotland 15. N.E. Scotland 16 Orkneys and Shetlands.	Wind variable becoming northeast, moderate or fresh; variable cloud, wintry showers at first, possibly general rain or sleet later; rather cold.
17. N.W. Ireland	Wind mainly easterly, fresh or strong; dull, rainy at first; rather cold.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind south or southwest, fresh or strong, variable direction later; cloudy, showery or occasional rain, perhaps local thunder and hail; temperature rather low or average.

GENERAL INFERENCE.

A depression off Ireland and Southwest England will move east. Rain will spread to most districts, except perhaps North Scotland, and sleet or snow is probable locally in North England and South Scotland. Brighter intervals will occur later in the South.

FURTHER OUTLOOK.

Continuing unsettled and rather cold in most districts.

Times of issue of Gale Warnings.

South Cone at 1410 on 18th in 5, 20 & 12
South Cone at 1830 on 18th in 6 & 17.
South Cone at 0215 on 19th in 1, 2, 7 & 8.

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

Forecasts issued at 1020 G.M.T.

H.M. Stationery Office Press, Kingsway, W.C.2. Dd 766/2707 10m 9? S.800: Dd 908 22140 3/34

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

Morning of
MONDAY,
19th MARCH,
1934.

Clarke's Projection Scale 1·4 × 10⁷ along meridian at 55°N.
Statute Miles 0 100 200 300 400 500

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, 19th March 1934.

No. 26415

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

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	999.1	+4	S'W	3	b	35	85	8	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	999.8	+8	WSW	3	b	33	85	9	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	995.7	+10	SW'S	3	bc	39	85	7	8	-	-	2-3	2-3	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	998.3	-8	W'S	4	c	43	85	7	5	-	-	7-8	7-8	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	995.2	-36	S	4	c	45	85	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	163	993.0	-44	S'E	4	rr	45	95	6	6	-	-	10	10	1500
	Guernsey	175	1000.0	-20	S	4	c	43	85	7	8	-	-	10	10	2500
6	Pembroke	142	993.2	-4	SSW	2	c	43	75	7	5	1	-	4-6	7-8	4000
7	Holyhead	26	993.3	-6	SWW	2	b	40	85	7	-	-	-	0	0	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	991.5	+10	SWW	5	bc	39	85	7	-	2	-	0	2-3	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	988.5	+20	W	3	bc	39	85	7	2	-	-	2-3	2-3	2500
11	Inchkeith	190	988.0	+20	SW	3	bc	37	95	6	5	-	-	2-3	2-3	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	986.9	+8	NW	2	c/pr.	37	95	7	8	6	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	985.5	+14	WNW	2	bc	35	95	8	5	-	-	2-3	2-3	2500
16	Lerwick	54	984.4	+8	N	3	c	41	95	7	8	2	-	9	10	1500
17	Blacksod Point	18	991.4	-22	S	2	b	39	85	8	2	-	-	1	1	1500
18	Malin Head	52	988.6	-4	W	2	b	41	85	7	5	-	-	Tr.	Tr.	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	986.2	-34	S	S	rr	41	95	7	6	-	-	10	10	800
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
996.0	-14	SE'E	2	c	38	85	6	5	2	-	7-8	10	2500	1	*
997.5	-10	ESE	2	c	38	95	7	5	7	-	2-3	9+	2500	1	*
995.2	-18	SSE	3	c	38	95	6	6	2	-	9	10	1500	1	*
993.2	-22	SE'S	4	c/c	39	95	5	6	2	-	9	10	450	1	*
994.8	-10	SE'S	5	c/c	42	85	7	6	2	-	4-6	10	1500	1	3
*	*	SSE	4	o	*	*	7	4	-	*	10	10	1500	*	3
998.4	-8	SSE	4	c	39	85	8	5	7	6	2-3	9+	4000	1	*
997.5	-4	SSE	3	c	39	95	7	-	9	-	0	9+	-	1	*
997.8	+2	SSW	4	c	39	85	8	8	-	7	7-8	9+	2500	1	3
997.6	+10	S'W	3	bc	34	95	6	-	7	-	0	4-6	-	1	2
994.6	-2	S'E	2	c	35	85	7	-	3	6	0	9+	-	4	*
994.0	-10	SE	3	c	34	95	7	5	2	-	1	10	2500	1	*
994.6	-20	ESE	2	c	34	95	7	5	2	-	7-8	10	800	1	*
992.4	-20	SSE	3	id.	39	85	7	6	2	-	4-6	10	2500	1	*
992.0	-40	SSE	6	rr	43	95	6	5	-	-	10	10	1500	1	5
986.6	-60	SE	7	rr	44	95	6	6	-	-	10	10	800	1	4
984.0	-64	SSW	7	pr	46	95	7	5	-	-	10	10	1500	1	4
978.9	-52	WSW	7	c/d	47	95	6	5	-	-	9+	9+	1500	1	4
991.6	-44	S	7	rr	43	95	6	6	-	-	10	10	1500	2	4
986.0	-28	SSE	4	rr	42	95	6	3	-	-	10	10	800	1	3
989.2	-16	ESE	4	c	39	95	9	5	2	-	Tr	10	1500	1	1
992.3	-14	SE	2	c	33	95	6	-	7	-	0	9	-	1	*
991.8	-10	SSE	3	c	36	85	7	5	1	-	9+	10	2500	1	*
992.4	-8	SE'S	2	3c	35	95	5	-	1	8	0	9	-	4	*
993.1	0	S	2	bc	32	85	5	-	2	8	0	2-3	-	1	*
993.8	+6	S'W	3	bc	35	95	7	-	2	8	0	4-6	-	0	2
992.4	+2	S	2	bc	34	85	8	-	-	6	0	4-6	-	4	*
990.8	+6	W	2	bc	37	85	6	5	-	1	2-3	4-6	1500	1	1
989.5	+8	WSW	2	c	39	95	7	5	-	-	9+	9+	1500	0	1
989.3	+10	NW	1	b	31	95	7	7	3	1	Tr	1	4000	4	*
989.5	+8	WSW	1	3c	38	95	6	5	-	-	10	10	2500	1	*
990.5	+6	SW'W	1	c	33	95	7	5	-	-	10	10	1500	1	*
987.7	+2	-	0	c	35	95	8	8	-	8	7-8	7-8	1500	1	2
987.4	+6	NNW	1	c	35	95	8	5	8	-	4-6	7-8	2500	1	1
989.4	+10	S	1	b	22	95	9	-	1	-	0	1	-	9	*
989.3	+16	SW	1	bc	33	95	6	-	7	-	0	2-3	-	1	1
987.5	+16	WNW	2	bc	34	95	8	7	-	-	2-3	2-3	2500	1	2
986.3	+12	-	0	c	39	95	8	5	7	-	4-6	7-8	1500	1	*
987.2	-20	ESE	4	ic	39	95	8	9	-	-	10	10	1500	1	3
987.9	-4	S	1	bc	34	95	7	5	-	7	Tr	9+	1500	1	1
990.4	-4	E'N	2	c	30	95	8	-	9	6	0	9+	-	4	*
989.6	0	SSW	1	bc	33	95	7	5	-	-	4-6	4-6	1500	0	0
985.1	-14	S	2	0	39	95	7	5	-	-	10	10	2500	1	*
980.3	-12	SE	4	c/c	42	85	8	6	2	-	7-8	10	1500	1	3
983.0	-20	E	4	rr	44	95	6	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 18h-18h Hrs. (36)
48	35	28	-	-	8.6
49	33	29	Tr	-	7.6
49	33	29	0.1	0.2	8.3
49	34	28	0.1	0.2	9.8
47	30	26	Tr	0.2	8.9
46	36	32	-	1	*
48	38	*	0.5	Tr	*
45	33	27	Tr	-	5.7
48	34	27	-	-	8.1
47	36	32	0.2	-	6.1
48	34	32	Tr	0.1	6.6
46	32	26	Tr	Tr	7.1
45	33	29	1	-	6.9
48	30	24	-	-	*
47	36	29	Tr	(Tr)	9.3
47	40	*	-	2	*
47	37	33	Tr	5	7.7
49	43	*	-	8	*
50	42	*	0.3	8	10.0
48	41	34	-	4	9.9
46	39	*	-	2	9.7
46	38	31	-	-	8.5
47	33	23	0.3	-	7.1
44	34	32	0.2	-	4.7
45	32	23	1	0.5	4.8
43	32	25	4	Tr	6.1
46	34	*	Tr.	Tr	5.9
44	33	26	0.3	-	9.4
44	36	30	Tr	0.1	*
45	~~37~~ 36	33	Tr.	-	6.5
49	29	21	Tr.	-	8.1
46	34	28	0.6	-	5.1
43	32	30	3	0.6	4.0
45	34	25	0.4	0.6	3.3
46	35	*	1	2	5.5
39	19	19	-	-	3.5
46	31	23	0.5	-	5.3
44	32	*	0.1	-	*
43	39	*	1	~~T0.4~~	1.3
47	35	*	Tr.	Tr	*
45	33	*	4	-	3.1
44	29	24	2	-	3.3
45	32	*	1	-	*
48	31	19	0.1	-	5.4
47	41	37	2	4	6.6
49	42	*	0.2	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. (To-day.)
Kew	18	b3c	bcby	bwc3	48	35	28	-	-	8.6	*	*	6
Croydon	217	bccbc	bcyqpc	b3c	49	33	29	Tr	-	7.6	*	*	6
Greenwich (Royal Observatory)	149	cy	cby	bcr.	50	33	29	-	Tr	6.9	36	84	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	6.6	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	37	28	-	-	6.9	38	80	*
Regents Pk. (Botanic Gardens)	128	*	*	*	49	35	29	Tr	-	7.3	47	91	*
Camden Square	110	bcc	cbcc	*	49	36	29	-	Tr	*	*	81	*
Kensington	80	bc	bc	*	50	35	28	-	Tr	7.5	At 18h. 45	84	*
Hampstead Observatory	450	bcp	bc	bcp	49	33	24	Tr	Tr	7.3	*	93	*

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	9h 18h	Nil	0-4h 19h

Kew Observatory. Max.	Time.	Min.	Time.
0.2	11h 18h	<0.1	1h 19h

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 18th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 19th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1000.6	WSW	4	bc	43	1003.9	S	3	m	36
Brussels	997.5	SW	4	c	39	1002.6	SW'S	4	c	36
Berlin	993.5	SW	7	c	46	1005.4	SSW	2	3c	36
Zürich						1010.6	S	2	b	34
Rome										

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	36	2	-
48	32	0.6	-
55	32	Tr	-
	34		0.1

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 20th March 1934.

No. 26.416

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	990·9	-32	SSE	5	r.r.	44	95	6	5	-	-	10	10	1500
	Croydon	991·9	-30	S'E	5	rrr	42	95	6	6	-	-	10	10	800
	S. Farnborough	991·0	-10	S	5	r.r.	45	95	6	6	-	-	10	10	220
	Boscombe Dow.	987·9	-14	SSW	6	c/r	48	95	6	5	2	-	7-8	10	450
	Calshot, S'thmtn	990·1	-8	S	6	c	48	85	7	8	-	-	9+	9+	800
	Dungeness	*	*	SSE	7	RR	*	*	6	8	-	*	9+	9+	500
	Lympne	993·8	-34	SE'S	5	r.r.	40	95	6	6	2	-	9+	10	450
2	Shoeburyness	993·6	-26	S'E	5	oir	41	95	6	6	-	-	10	10	800
	Felixstowe	994·5	-26	SSE	5	rrr	40	95	7	6	-	-	10	10	800
	Gorleston	996·4	-10	S'E	6	r.r.	43	85	6	6	-	-	10	10	1500
	Cranwell	991·8	-22	SE	5	rrr	41	95	6	6	2	-	9+	10	800
3	Birmingham	987·9	-44	ESE	4	ir.	38	95	6	6	-	-	10	10	1500
	Upper Heyford	988·9	-24	SE	3	rrr	40	95	6	6	2	-	9+	10	450
4	Ross-on-Wye	985·5	-24	S	3	r.r.	45	95	6	6	-	-	10	10	1500
5	Portland Bill	986·0	-10	SSW	5	bc	48	95	7	5	-	-	4-6	4-6	2500
	Plymouth	987·2	+20	SSW	5	bc r.	50	85	6	1	-	1	2-3	4-6	1500
	The Lizard	987·2	+10	S'W	6	c	52	85	8	8	7	-	4-6	7-8	2500
	Scilly (St. Mary's)	985·1	+8	SSW	4	c	50	85	6	4	2	-	4-6	10	1500
	Guernsey	990·7	0	S'W	3	c	52	75	8	8	-	-	10	10	2500
6	Pembroke	983·0	-2	WSW	3	cq	46	95	6	5	-	-	9	9	2500
7	Holyhead	984·0	-30	E	6	ir.	43	75	8	5	7	-	4-6	9+	4000
	Chester (Sealand)	987·5	-26	ESE	5	rrr	41	95	6	6	-	-	10	10	1500
8	L'pool (Bidston)	984·4	-24	ESE	5	r.r.	41	85	6	6	1	-	7-8	10	1500
	Manchester	985·4	-26	SE'E	4	oz.	44	75	5	5	2	-	4-6	10	1500
9	Harrogate	991·0	-6	SE	3	c	43	75	7	3	2	-	2-3	10	2500
10	Spurn Head	992·5	-4	ESE	5	c	43	85	7	3	2	-	7-8	9+	4000
	Catterick	991·0	-16	SE	4	c	46	65	8	2	-	7	4-6	10	4000
	Tynemouth	991·7	-4	S	2	c	44	75	7	5	-	-	9	9	1500
11	Inchkeith	990·9	+4	W	1	c	43	85	8	6	3	-	7-8	9+	2500
	Leuchars	991·0	+4	SW	1	c	45	65	7	2	-	-	9+	9+	4000
12	Renfrew (Abbotsl.)	990·3	-2	SW	1	c	47	55	7	7	-	7	7-8	9+	2500
	Eskdalemuir	990·7	-4	SE'S	2	c	43	45	8	7	-	8	4-6	9+	2500
13A	Tiree	989·6	+8	S	2	c	46	75	8	8	7	6	4-6	9+	1500
13B	Stornoway	990·3	+10	E	1	bc	45	75	8	8	6	9	2-3	4-6	2500
15	Dalwhinnie	991·7	+12	-	0	b	38	95	8	-	-	1	0	Tr	-
	Aberdeen	991·2	+6	SSE	3	bc	47	65	7	8	-	1	2-3	2-3	2500
	Wick	990·5	+8	WNW	2	c	45	95	8	8	6	-	4-6	7-8	2500
16	Lerwick	986·6	+10	-	0	bc	44	75	8	8	7	-	4-6	4-6	2500
17	Blacksod Point	986·6	0	ESE	5	cr	42	95	8	9	-	-	10	10	800
18	Malin Head	986·2	+6	E	3	c	43	75	8	5	-	r7	Tr	9+	1500
	Aldergrove	986·9	-6	ENE	4	c	46	65	8	1	3	2	4-6	9	2500
	Donaghadee	986·7	-2	ESE	2	bc	44	75	8	8	3	-	2-3	4-6	2500
19	Birr Castle	984·6	0	E	2	rr	43	85	7	6	-	-	10	10	1500
20	Valentia Obsy.	980·7	0	NE'E	1	c	52	65	9	8	7	6	2-3	7-8	2500
	Roches Point	982·9	+14	SE	3	dd	43	95	6	5	-	-	10	10	800

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base. (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	991·0	+10	S'E	3	c	47	85	5	5	7	8	2-3	7-8	2500	1	*
	Croydon	992·1	+4	S	3	c	46	95	6	5	3	8	4-6	9	1500	1	*
	S. Farnborough	990·4	+8	S	4	c	47	85	6	2	-	2	Tr	7-8	1500	1	*
	Boscombe Dow.	989·1	+10	S	3	c	46	95	6	8	3	-	4-6	7-8	1500	1	*
	Calshot, S'thmtn	989·0	+2	S'E	4	c	46	85	7	-	7	6	0	9	-	1	3
	Dungeness	*	*	SSE	5	cq	*	*	6	4	-	*	9+	9+	1500	*	4
	Lympne	992·7	-2	S'E	4	c.	43	95	6	5	2	-	9	9+	1500	1	
2	Shoeburyness	992·2	0	SE	2	c	44	95	7	5	7	-	4-6	7-8	2500	1	*
	Felixstowe	993·0	-4	S'E	4	c	42	95	7	5	-	-	9	9	1500	1	3
	Gorleston	992·8	-4	S'E	6	o	42	95	6	6	-	-	10	10	1500	1	4
	Cranwell	989·0	-8	SE	3	c/d	42	95	4	5	-	-	9	9	2500	1	
3	Birmingham	987·8	+8	SSW	2	bc	47	65	8	2	7	-	1	2-3	2500	1	*
	Upper Heyford	988·0	+12	SSW	3	bc	47	75	7	7	1	-	2-3	4-6	1500	1	*
4	Ross-on-Wye	987·8	+10	SW	2	c/pr	48	75	7	8	6	1	4-6	7-8	4000	1	
5	Portland Bill	988·0	0	SSW	4	c	46	95	7	5	-	-	7-8	7-8	1500	1	5
	Plymouth	986·9	-2	S'E	5	c	49	85	7	8	7	9	2-3	9	1500	1	4
	The Lizard	985·3	-4	SSE	4	c	48	95	7	8	-	-	10	10	2500	1	4
	Scilly (St. Mary's)	983·1	-14	SW'S	4	cr	46	95	6	9	-	-	10	10	1500	1	4
	Guernsey	989·5	-10	SSE	3	c	48	85	7	8	3	-	4-6	7-8	2500	2	3
6	Pembroke	984·9	+16	-	0	c	46	65	6	5	-	-	7-8	7-8	2500	1	1
7	Holyhead	984·0	+10	ENE	4	c/r	41	95	5	6	-	-	9	9	2500	1	2
	Chester (Sealand)	985·6	-2	SE	2	c/r	43	95	5	5	-	-	9+	9+	2500	1	*
8	L'pool (Bidston)	985·4	-6	ESE	3	o/r	40	95	4	5	-	-	10	10	800	2	*
	Manchester	986·1	-4	E'S	2	rf	41	95	2	6	-	-	10	10	450	1	*
9	Harrogate	989·4	-6	E	1	r.r.	37	95	5	6	2	-	9+	10	2500	1	*
10	Spurn Head	988·9	-8	ESE	6	r.r.	41	95	7	6	-	-	10	10	1500	1	4
	Catterick	989·8	-4	E	2	cr.	40	85	7	6	-	-	10	10	1500	1	*
	Tynemouth	991·0	-4	SE	3	o	42	75	6	6	-	-	10	10	1500	1	2
11	Inchkeith	991·6	+4	E	2	c	42	85	8	8	7	-	7-8	9	2500	0	2
	Leuchars	992·4	+14	E	2	c	42	85	7	4	7	8	1	9	5700	1	*
12	Renfrew (Abbotsl.)	991·1	+10	NE	2	c	43	75	6	8	2	7	2-3	9+	4000	1	*
	Eskdalemuir	990·6	+6	E'N	3	c	39	65	6	5	3	8	4-6	7-8	1500	1	*
13A	Tiree	992·2	+18	N	1	c	43	75	8	8	7	8	4-6	9+	2500	1	2
13B	Stornoway	993·2	+14	NE	3	bc	43	85	8	8	7	-	2-3	2-3	2500	1	1
15	Dalwhinnie	992·7	+10	-	0	c	38	95	8	4	4	-	4-6	7-8	1500	9	
	Aberdeen	993·2	+16	SE'S	2	bc	42	85	6	5	8	2	Tr	2-3	1500	1	1
	Wick	992·8	+10	W	2	c	42	95	8	8	6	-	4-6	7-8	1500	1	2
16	Lerwick	992·4	+16	-	0	c/pr	42	85	8	8	7	-	4-6	7-8	2500	1	
17	Blacksod Point	989·2	+20	E	4	cr.	45	85	8	-	7	-	0	10	-	1	3
18	Malin Head	990·0	+18	NEE	3	c	43	85	8	5	-	7	Tr	9+	1500	1	1
	Aldergrove	989·4	+8	NNE	3	c	44	65	8	4	6	1	2-3	7-8	2500	1	
	Donaghadee	988·6	+2	E	3	c	45	75	8	5	-	-	7-8	7-8	1500	0	2
19	Birr Castle	986·4	+10	E	1	r.r.	44	75	8	6	2	-	2-3	10	2500	1	*
20	Valentia Obsy.	983·5	+22	E	3	c	46	75	9	5	2	-	4-6	9+	1500	1	3
	Roches Point	984·8	+6	NE	3	bc	44	85	8	3	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS. WEATHER.

District.	Stations. (For heights see p. 4.)	7h.–13h. 19th (37)	13h.–18h. 19th (38)	18h. 19th to 1h. 20th (39)	1h.–7h. 20th (40)
1	London (Kew)	crrr.	r.bccm.	bcm.c	cfr.r.
	Croydon	rrirs	rir.⊖	cm.b	bccr.r.
	S. Farnborough	orRrc	cr.c	ccprb	r.orrc
	Boscombe Dow.	rrm.q	cm.	cbcc	corrr.r.
	Calshot, S'thmtn	orrcq	c	c	r.
	Dungeness	r	o	*	r
	Lympne	crrr	cr.r.c	cm.bo	orrf
2	Shoeburyness	coirq	cir.bc	bcc	orrm.
	Felixstowe	corr	arrm.c	cbc	cr.cm.
	Gorleston	cqor.	or.oq	obcqo	oc3.
	Cranwell	cprrr	rrmd	cm.b	bcd.f
3	Birmingham	corsr	orbc	bbc	bcF
	Upper Heyford	cr.r.	orrbc	bcb	boRf
4	Ross-on-Wye	pr.m.n	r.bcycp.	copc	com
5	Portland Bill	cbc	bcc	orr	prrc
	Plymouth	orrbc.	bc3.c	cbcrr	crrigbc
	The Lizard	pr.c	cpric	errbc	bcpr.
	Scilly (St. Mary's)	cbcc	cpcr	cirbc	bcw
	Guernsey	olrbc.	cprbc	oirbc	bcc
6	Pembroke	cr.m.qc	bcc	cc	cr.c
7	Holyhead	c	cir.c	cm.c	cm.c
	Chester (Sealand)	m.cr.ro	arrm.	cr.bcm.	bcmc
8	L'pool (Bidston)	cm.ir	corrm	ocr.	c
	Manchester	cm.	arrmf	olbff	bcfx
9	Harrogate	bbcc	corr	cofr.	o
10	Spurn Head	bcc	crr	pr.c3	3ffw
	Catterick	bcc.c	cm.cr.	orrm.	om.r.c
	Tynemouth	bcc	co	oir	oir
11	Inchkeith	cpr3	c	cobc	bcc
	Leuchars	bxbcc	c	cbccw	cw
12	Renfrew (Abbotsl.)	cm.cy	c3.4	c3.b	bbccx
	Eskdalemuir	c	cyc	cbcpr.	cpr.
13A	Tiree	bcc	ccr	c	w
13B	Stornoway	cphbc	bc	cphrl	crrc
15	Dalwhinnie	b	b	*	c
	Aberdeen	bz.bc	bc3.	bcbx	bbccx
	Wick	bcc	c	c	cprc
16	Lerwick	cbc.	bccpr	cbc	bcc
17	Blacksod Point	cr.	cr.	bc	prcq
18	Malin Head	c	c⊖	bc⊖	bcc
	Aldergrove	c	cbc	cbc	bbcx
	Donaghadee	bc.	bcc	bc	bccq
19	Birr Castle	cr.rr	rr.r.	r.cb	bcx
20	Valentia Obsy.	cbcc	cbccvc	cbc	cbc
	Roches Point	orrdd	odbc	bcc	cbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

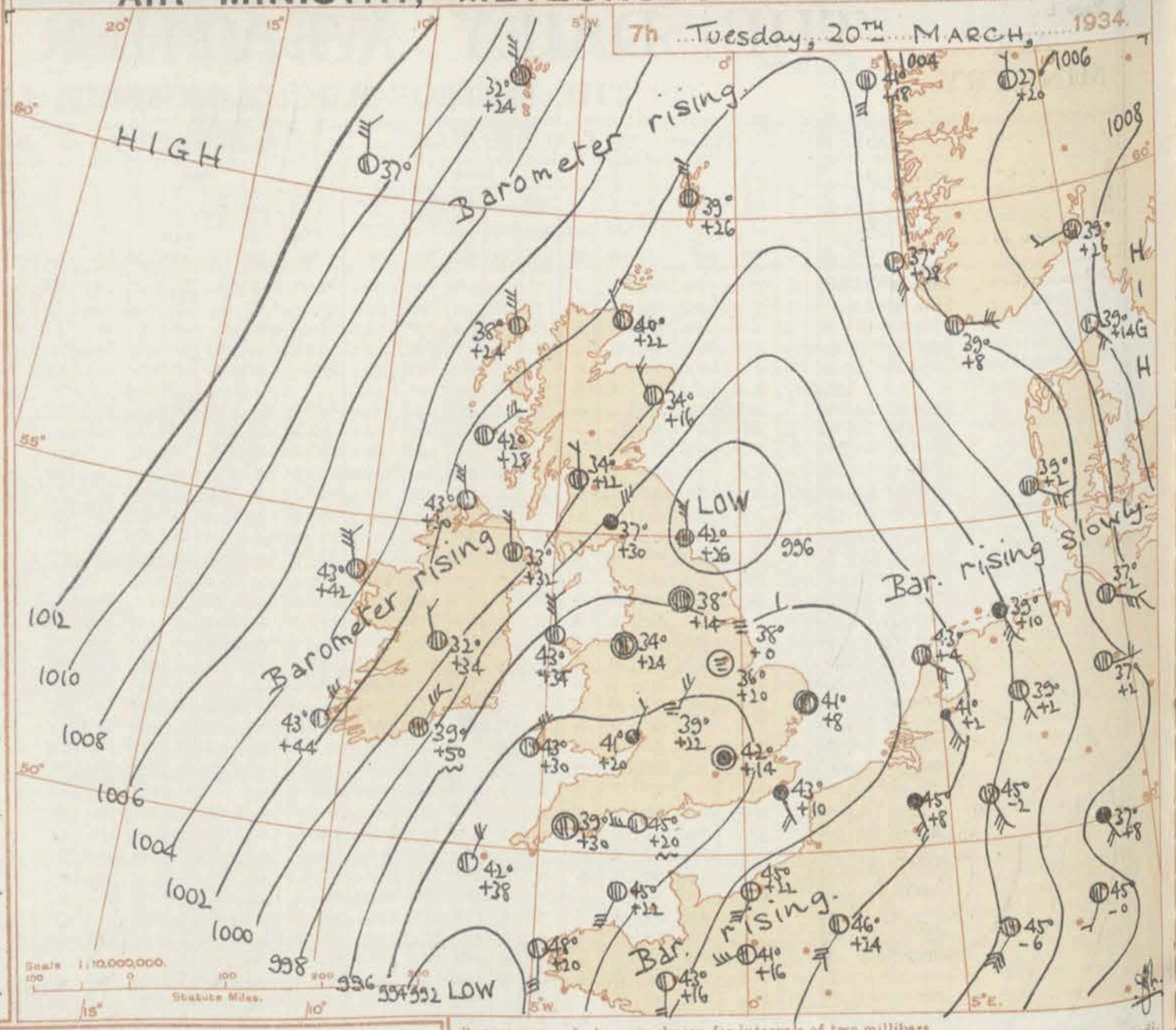
REPORTS from HEALTH RESORTS for 19th March 1934.

District	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 18th to 9h. 19th	Temperature. Max. 9h.—17h. 19th	Rainfall. Night. 17h. 18th to 9h. 19th	Rainfall. Day. 9h.—17h. 19th	Sunshine. Sunrise to 17h. 19th	Sunshine. Sunrise to Sunset. 18th
1	Tunbridge W.	orr	orco	30	47	0·5	8	0·0	6·9
	Bournemouth	rbc	c	37	52	5	2	2·3	8·4
	Ventnor ...	orb	bcm	40	51	4	2	3·6	7·4
	Southsea ...	orr	cbc	39	50	5	5	1·5	5·8
	Bognor Regis	rr	cbc	39	46	2	4	2·2	3·7
	Littlehampton	crcb	bcc	36	47	2	4	1·9	8·7
	Worthing ...	rro	pcbc	38	46	1	4	2·0	8·4
	Brighton ...	crc	bc	40	46	1	4	0·9	8·8
	Eastbourne†	r	rcco	40	47	0·5	4	0·2	9·3
	Hastings† ...	dcor	odc	36	45	0·1	4	0·1	7·9
	Folkestone ...	oir	oirc	35	46	-	3	0·0	6·0
	Dover... ...	or	roir	37	45	Tr	2	0·0	6·4
	Deal	or	r.o	38	46	-	3	0·0	7·1
	Ramsgate ...	cr	rdc	35	45	-	4	0·0	7·8
	Margate ...	cdr	cd.	35	45	-	3	0·0	7·4
2	Southend ...	or	orc	36	45	-	2	0·1	7·3
	Maldon ...	cor	rc	31	47	0·5	2	0·0	9·1
	Clacton-on-Sea	bcer	crc	37	44	0·0	1	0·0	8·4
	Dovercourt ...	oc	croc	34	44	0·0	2	0·0	7·3
	Lowestoft ...	bcco	oicr	33	43	0·0	2	0·6	6·7
	Skegness ...	obco	orb	37	43	0·2	2	0·5	7·7
	Mablethorpe	bccp	bcocr	32	45	Trace	2	1·5	8·0
	Cleethorpes ...	bc	cocr	33	46	0·1	3	2·0	6·7
3	Leamington S.	por	ptc	33	52	Trace	3	1·2	6·0
4	Cheltenham†	orr	cpbc	34	53	2	3	2·4	8·9
5	Bath	rrc	cbcb	33	55	3	3	4·0	8·7
	Weymouth ...	rcc	bc	40	52	6	0·2	3·0	8·7
	Jersey ...	cq	rc	42	52	5	2	0·2	10·2
	Torquay ...	ordq	dpq	38	55	7	0·4	3·4	9·8
	Penzance ...	b	cbc.	41	54	8	0·0	4·8	9·9
	St. Ives ...	b	c	37	53	14	0·0	4·2	9·3
	Bude	rpc	bcp	38	50	3	1	4·4	10·4
	Ilfracombe ...	cpc	bcp	38	63	3	2	3·7	8·3
6	Aberystwyth	cpr	p.bc	37	47	-	1	2·0	7·4
7	Llandudno ...	o	rr.or	36	44	-	3	0·0	4·9
	Colwyn Bay...	o	popr	36	43	-	2	0·0	4·1
	Rhyl	c	cprcr	38	43	-	1	0·0	5·7
8	Wallasey ...	fo	or	35	43	-	2	0·0	4·4
	Southport‖ ...	o	or	35	46	1	1	0·0	5·2
	Blackpool ...	o	or	33	45	0·6	1	0·0	5·4
	Morecambe ...	cbcc	c	34	47	Trace	-	0·2	6·3
9	Ilkley	bc	cr	34	43	3	4	0·8	5·6
10	Berwick-on-T.	c	c	35	47	1	-	3·1	6·6
11	Dunbar ...	r	bc	35	48	0·3	-	3·3	6·9
12	Troon... ...	rocb	cbc	28	49	3	-	4·3	2·8
	Douglas ...	occb	idmo	36	44	0·3	0·3	2·2	6·5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday, 20TH MARCH, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th March, 1934.
1. S.E. England 2. E. England...	Light variable or northerly wind; drizzle or slight rain at first, then less dull; local mist; rather low temperature.
3. E. Midlands 4. W. Midlands	Light or moderate northeast wind; cloudy; occasional local rain, chiefly at first; local mist or fog; rather low temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate northerly wind; variable cloud, local showers; rather low day temperature, local ground frost at night.
9. N Midlands 10. N.E England	As 2 - 3.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate northerly wind; variable cloud; local showers, perhaps snow on hills; rather cold, local night frost.
13. A. W Scotld. B. N.W. Scotland.	Light northerly wind, probably backing and freshening tomorrow; variable cloud, local showers; rather low to average day temperature, local frost at night.
14. Mid-Scotland 15. N.E Scotland 16 Orkneys and Shetlands.	As 11 - 12.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or light northerly wind, backing; variable cloud, local showers; rather low to average day temperature, local ground frost at night.

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

GENERAL INFERENCE.

A depression over England and the Bay of Biscay is filling up and drifting east. Apart from intermittent rain at first in the East and Southeast and a few showers elsewhere, conditions will be fair.

FURTHER OUTLOOK.

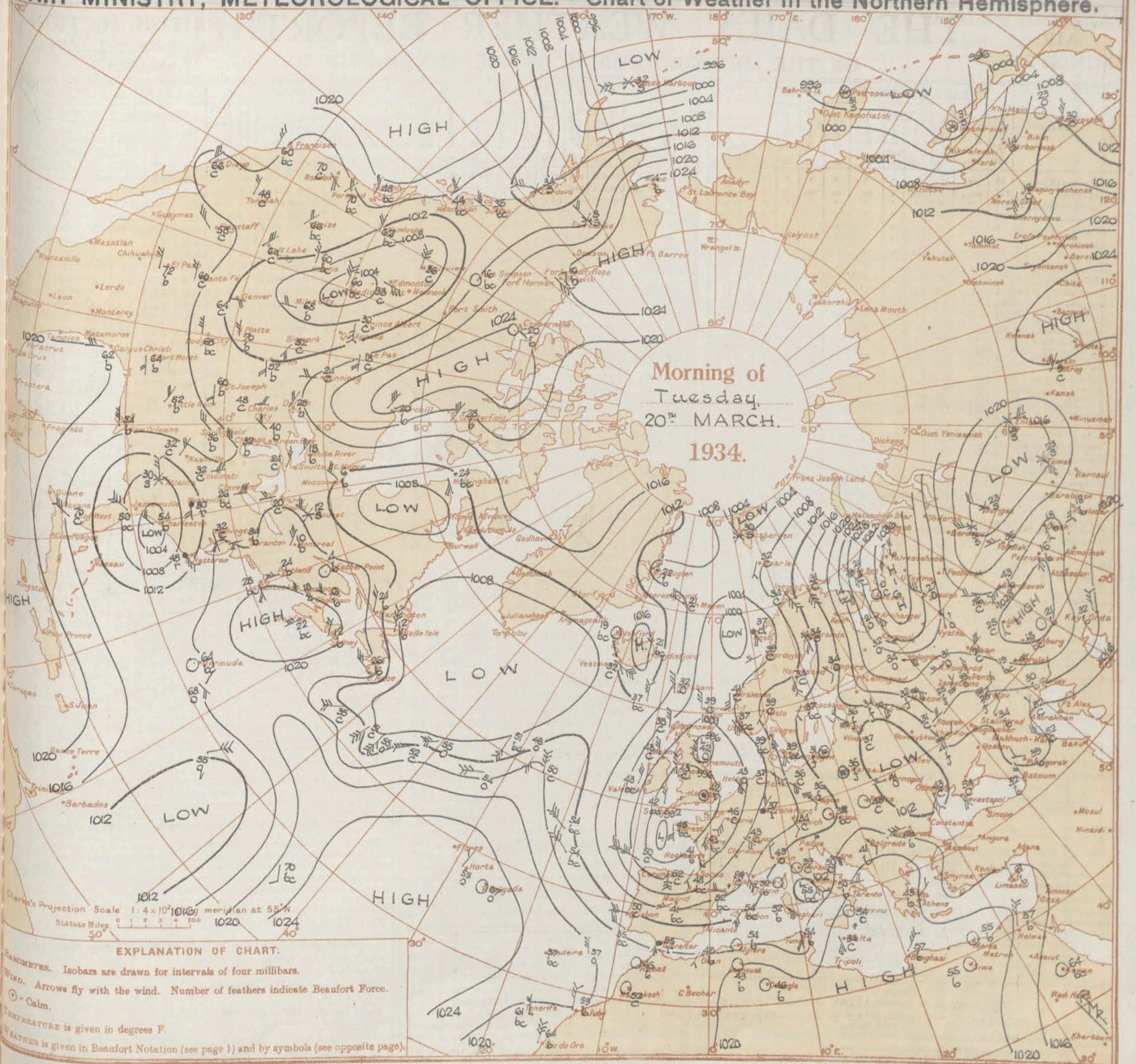
A renewal of unsettled weather from the West, but mainly fair at first.

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

Forecasts issued at 1020 G.M.T.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 20th March 1934.

No. 26.416

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

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	992.1	0	S'E	2	bc	41	95	7	5	3	-	4-6	4-6	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	992.7	-6	SE	3	o	43	95	8	5	-	-	10	10	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	994.2	+6	SSE	2	o	41	95	6	6	-	-	10	10	1500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	988.6	+4	SSW	4	r	45	95	7	5	-	-	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	988.1	+16	W	3	bc	44	95	8	8	-	-	2-3	2-3	2500
	Scilly (St. Mary's)	163	987.5	+18	WSW	3	bc	44	95	8	4	-	-	2-3	2-3	2500
	Guernsey	175	990.1	+14	SSW	3	bc	45	95	7	8	-	-	2-3	2-3	2500
6	Pembroke	142	987.0	+8	ENE	1	c	44	95	7	5	7	-	4-6	7-8	2500
7	Holyhead	26	989.4	+18	NNE	3	c	42	95	5	5	-	-	9	9	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	991.7	+6	SSE	2	3o	40	95	5	5	2	-	4-6	7-8	800
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	991.4	+6	E	3	ir	41	95	7	6	-	-	10	10	1500
11	Inchkeith	190	995.0	+10	NE	4	bc	39	95	8	5	1	-	4-6	4-6	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'l)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	993.6	+12	NE	4	phr	40	95	7	8	7	-	4-6	7-8	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	997.0	+12	WNW	2	c	36	95	8	8	1	-	4-6	7-8	1500
16	Lerwick	54	998.4	+24	NW	2	bc	39	85	8	5	-	-	2-3	2-3	2500
17	Blacksod Point	18	997.0	+40	N	3	bc	42	85	8	1	-	-	2-3	2-3	2500
18	Malin Head	52	995.1	+20	N	3	bc	43	95	8	5	3	-	2-3	2-3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	993.2	+34	E'N	4	o	43	95	8	5	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District.	Stations.	Eatrm. 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)	994.0	+16	E'N	2	drizzle	43	95	3	.	.	.	10	10	<150	1	*
	Croydon	993.8	+14	-	0	fog	42	95	4	5	2	-	7-8	10	1500	1	*
	S. Farnborough	993.2	+20	ESE	2	c	43	95	6	6	2	-	9	10	1500	1	*
	Boscombe Down	993.3	+22	E'S	2	fog	42	95	7	6	-	-	10	10	220	1	*
	Calshot, (S'thmtn)	993.1	+26	SSW	3	c/fog	44	95	7	9	8	-	7-8	9	800	1	1
	Dungeness	*	*	SW	2	io	*	*	6	8	-	*	9	9	800	*	2
	Lympne	994.1	+10	SSE	2	rain	43	95	2	6	-	-	10	10	<150	1	*
2	Shoeburyness	994.2	+14	SSE	2	rain	43	95	6	6	2	-	4-6	10	2500	1	*
	Felixstowe	994.8	+8	ESE	1	3o	42	95	6	5	-	-	10	10	800	1	1
	Gorleston	994.9	+8	-	0	c	41	95	5	5	-	-	9+	9+	2500	1	2
	Cranwell	995.4	+20	-	0	F	36	95	1	.	.	.	10	10	<150	1	*
3	Birmingham	995.1	+22	NNE	2	F	39	95	1	.	.	.	10	10	<150	1	*
	Upper Heyford	994.3	+20	NNE	2	rain	39	95	3	5	-	-	10	10	<150	1	*
4	Ross-on-Wye	993.9	+20	NE	1	io	41	95	4	6	-	-	10	10	800	1	*
5	Portland Bill	992.8	+20	W	3	bc	45	95	7	5	-	-	4-6	4-6	2500	1	4
	Plymouth	993.3	+30	-	0	m	39	95	4	8	7	6	4-6	4-6	1500	1	3
	The Lizard	993.1	+30	-	0	bc	43	95	7	8	6	-	2-3	4-6	2500	1	3
	Scilly (St. Mary's)	993.2	+38	N'E	2	bc	42	95	8	8	4	-	4-6	4-6	2500	1	3
	Guernsey	993.6	+22	SSW	3	c	45	95	8	8	-	-	10	10	4000	2	3
6	Pembroke	992.1	+30	NNE	3	c	43	95	6	5	-	-	9+	9+	2500	1	1
7	Holyhead	994.9	+34	N	4	c	43	95	6	5	2	-	4-6	10	800	1	2
	Chester (Sealand)	995.1	+24	-	0	m	34	95	4	5	-	-	7-8	7-8	4000	1	*
8	L'pool (Bidston)	995.2	+20	-	0	c	40	95	6	5	-	-	7-8	7-8	2500	1	*
	Manchester	994.6	+10	NE'N	3	cf	40	95	3	6	-	-	9+	9+	800	1	*
9	Harrogate	996.0	+14	-	0	0	38	95	5	5	-	-	10	10	2500	1	*
10	Spurn Head	995.2	+10	E'N	1	of	38	95	2	5	-	-	10	10	<150	1	1
	Catterick	995.9	+30	NW	2	c/fog	41	95	5	5	-	-	9+	9+	800	1	*
	Tynemouth	995.4	+26	N	3	o/r	42	95	7	6	-	-	10	10	1500	1	2
11	Inchkeith	998.7	+28	NNE	4	c	38	95	8	5	3	-	4-6	10	2500	0	3
	Leuchars	999.3	+26	N	3	c	38	85	8	1	7	8	1	9	4000	1	*
12	Renfrew (Abbotts'l)	1000.2	+22	N	1	c	34	85	8	5	7	9	4-6	9	5700	1	*
	Eskdalemuir	997.7	+30	NNE	3	pr	37	85	7	5	-	-	10	10	1500	1	*
13A	Tiree	1001.6	+28	N'E	4	c	42	85	8	8	4	8	4-6	7-8	2500	1	3
13B	Stornoway	1003.4	+24	N	3	c	38	85	9	8	7m	-	7-8	9	2500	1	2
15	Dalwhinnie	1000.7	+32	N	1	1o	34	95	6	4	-	-	10	10	450	8	*
	Aberdeen	1000.1	+16	NW'N	2	c	34	95	6	-	2	6	0	7-8	-	1	1
	Wick	1001.0	+22	NNW	2	bc	40	95	8	8	6	1	4-6	4-6	1500	1	2
16	Lerwick	1001.3	+16	N	3	c	39	95	8	8	8	-	7-8	7-8	1500	1	*
17	Blacksod Point	1004.1	+42	N	4	bc	43	95	8	9	7-	-	4-6	4-6	1500	1	3
18	Malin Head	1000.3	+30	N	3	c	43	95	8	5	9	-	2-3	9+	1500	1	1
	Aldergrove	1000.0	+32	N	2	3o	33	85	7	5	-	6	1	7-8	4000	4	*
	Donaghadee	999.0	+36	E	4	q	33	85	8	9	2	-	4-6	7-8	1500	0	3
19	Birr Castle	1000.7	+34	NNW	1	c	32	95	7	-	-	7	0	9	-	1	*
20	Valentia Obsy.†	1002.5	+44	NNE	3	bc	43	65	8	8	-	2	2-3	4-6	2500	1	3
	Roches Point	998.8	+50	NE	4	bc	39	85	8	3	-	-	4-6	4-6	1500	1	4

PAST 24 HOURS.

District.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 19h Hrs. (36)
1	London (Kew)	49	42	36	2	2	1.1
	Croydon	47	41	37	6	1	0.0
	S. Farnborough	50	41	32	6	3	1.0
	Boscombe Down	52	40	37	6	5	2.5
	Calshot, (S'thmtn)	49	43	40	6	6	2.8
	Dungeness	48	41	*	3	1	*
	Lympne	44	40	38	3	1	0.0
2	Shoeburyness	46	38	31	1	1	0.5
	Felixstowe	43	39	33	1-2	0.2	0.0
	Gorleston	45	40	39	1-2	-	0.0
	Cranwell	43	36	34	1-2	0.3	0.1
3	Birmingham	49	39	33	5	-	1.5
	Upper Heyford	52	38	32	3	2	*
4	Ross-on-Wye	53	39	31	7	0.4	2.3
5	Portland Bill	48	41	*	2	2	*
	Plymouth	51	39	35	2	4	3.0
	The Lizard	52	43	*	0.1	5	*
	Scilly (St. Mary's)	52	40	*	2	2	3.9
	Guernsey	53	43	38	2	3	2.5
6	Pembroke	48	42	*	3	6	3.2
7	Holyhead	46	41	38	0.2	-	0.1
	Chester (Sealand)	43	32	26	4	Tr	0.0
8	L'pool (Bidston)	42	37	35	2	0.2	0.0
	Manchester	45	33	26	4	Tr	0.0
9	Harrogate	43	37	37	5	2	1.0
10	Spurn Head	44	38	*	3	0.3	2.4
	Catterick	46	38	37	0.3	3	1.2
	Tynemouth	45	40	38	-	4	*
11	Inchkeith	47	38	31	0.1	-	1.6
	Leuchars	46	34	30	-	-	3.8
12	Renfrew (Abbotts'l)	47	31	25	-	-	0.4
	Eskdalemuir	44	35	34	-	0.1	3.1
13A	Tiree	47	39	33	0.2	-	2.4
13B	Stornoway	47	36	*	1	3	7.4
15	Dalwhinnie	42	25	24	-	1	7.7
	Aberdeen	48	33	29	-	-	9.9
	Wick	47	35	*	-	2	*
16	Lerwick	46	37	*	0.5	-	5.0
17	Blacksod Point	45	39	*	1	1	*
18	Malin Head	45	42	*	-	-	3.3
	Aldergrove	47	31	24	-	-	4.0
	Donaghadee	46	33	*	-	-	*
19	Birr Castle	44	31	21	2	Tr	0.0
20	Valentia Obsy.†	53	42	39	-	-	3.5
	Roches Point	46	37	*	7	-	*

LONDON OBSERVATIONS.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hrs. ended 9h.)	Weather. Afternoon. (24 hrs. ended 9h.)	Weather. Night. (24 hrs. ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
Kew	18	errr	rbccm	bcmcfgrc	49	42	36	2	2	1.1	*	*	3
Croydon	217	rrirs	rirs	rmbccgc	47	41	37	6	1	0.0	*	*	5
Greenwich (Royal Observatory)	149	rrr	rrc	cbcrr	50	39	32	2	2	0.5	83	98	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	41	38	4		0.3	79	91	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	49	40	36	2	2	0.4	89	100	*
Camden Square	110	epcr	crcbc	*	48	42	34	2	2	*	*	97	*
Kensington	80	cod	corbc	*	49	41	34	2	2	0.7	At 18h. 89	97	*
Hampstead Observatory	450	orbc	or	orf	46	39	30	2	2	0.3	*	100	*

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

South Kensington.

Max.	Time.	Min.	Time.
0.6	21h 19th	<0.3	1-6h 20th

Kew Observatory.

Max.	Time.	Min.	Time.
0.3	22h 19th	0.1	14h 19th

FOREIGN OBSERVATIONS.

18h. G.M.T. 19th March — 7h. G.M.T. 20th March

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	996.7	SSE	4	c	46	997.8	SW	4	c	46
Brussels	998.0	S	7	fo	46	996.3	SSE	3	fog	45
Berlin	1008.6	SSE	3.	bc	43	1009.2	ESE	3	c	36
Zürich	1007.2	S	1	c	46	1006.7	NNW	2	ir	39
Rome	1014.2	WSW	3	c	54	1011.5	SE	4	bc	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
48	45		1
46	41	Tr	3
52	32	-	-
52	36	-	1
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.

0	Dense fog	55 yards.
1	Thick fog	220 ,,
2	Fog	550 ,,
3	Moderate fog	1,100 ,,
4	Mist or haze	1¼ miles.
5	Poor visibility	2½ ,,
6	Moderate ,,	6½ ,,
7	Good ,,	12½ ,,
8	Very good ,,	31 ,,
9	Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 21st March 1934.

No. 26.417

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

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)	998.2	+22	N	2	rf	47	85	3	5	-	-	10	10	800
	Croydon	997.8	+16	N'E	2	c/pr	50	75	6	8	7	-	7-8	9+	2500
	S. Farnborough	997.5	+18	SW	1	r.	48	75	7	9	7	-	4-5	10	1500
	Boscombe Down	997.5	+24	-	0	c	45	95	6	5	2	-	9+	10	450
	Calshot, S'thmtn	997.3	+18	SW/S	4	c/p	49	75	7	8	7	-	4-6	9	1500
	Dungeness			SW	3	c				4	-	-	7-8	7-8	2500
	Lympne	997.4	+16	SW	3	bc	53	75	7	9	-	-	4-6	4-6	1500
2	Shoeburyness	997.8	+18	WNW	1	rr	46	95	5	6	2	-	7-8	10	1500
	Felixstowe	997.9	+16	-	0	rr	44	95	4	6	2	-	7-8	10	800
	Gorleston	998.0	+16	E'N	3	cd.	45	85	6	6	-	-	10	10	1500
	Cranwell	999.4	+18	NW/N	2	f	40	95	2	5	-	-	10	10	<150
3	Birmingham	999.1	+26	NNE	2	cf	46	85	3	6	-	-	9	9	1500
	Upper Heyford	998.7	+22	E	3	r.	42	95	4	3	-	-	10	10	<150
4	Ross-on-Wye	999.1	+20	NE	2	of	46	85	3	5	-	-	10	10	800
5	Portland Bill	998.2	+20	W'S	4	r.	47	95	8	5	-	-	10	10	1500
	Plymouth	998.6	+26	NNW	3	c	50	75	8	7	-	-	9	9	2500
	The Lizard	999.8	+30	NW	4	c	47	85	7	8	-	-	10	10	2500
	Scilly (St. Mary's)	1001.5	+40	N'E	5	r.	45	85	6	8	7	-	7-8	10	1500
	Guernsey	998.7	+22	SW	2	bc	53	75	8	8	-	-	4-6	4-6	2500
6	Pembroke	1000.4	+24	N	4	c	45	85	7	5	-	-	9	9	1500
7	Holyhead	1001.4	+34	NNE	6	c	44	85	6	5	-	-	10	10	1500
	Chester (Sealand)	1000.3	+24	NNW	3	3o	45	85	6	5	-	-	10	10	2500
8	L'pool (Bidston)	1000.6	+16	N'E	2	c	44	85	6	5	-	-	4-6	10	1500
	Manchester	999.3	+26	ENE	3	3o	48	75	5	5	-	-	9+	9+	2500
9	Harrogate	1000.2	+20	N	3	c	44	85	6	3	2	-	7-8	9+	2500
10	Spurn Head	999.5	+10	NNE	3	df	42	95	3	5	-	-	10	10	<150
	Catterick	1001.1	+22	N'W	4	c	43	85	7	8	-	-	10	10	1500
	Tynemouth	999.9	+20	NNE	5	o/r	42	95	7	6	-	-	10	10	1500
11	Inchkeith	1003.2	+18	NE	4	c	44	85	8	2	-	9	4-6	9+	4000
	Leuchars	1003.7	+18	N	3	c	47	65	8	2	3	1	4-6	7-8	2500
12	Renfrew (Abbotts'd)	1004.0	+14	N	4	c	47	55	9	8	-	-	7-8	7-8	7200
	Eskdalemuir	1002.4	+24	N'E	5	c	43	65	7	5	9	8	2-3	9	4000
13A	Tiree	1007.8	+24	N	5	c	44	75	9	8	3	-	2-3	7-8	2500
13B	Stornoway	1008.5	+20	N	3	c/pr	43	75	8	8	6	-	7-8	9+	1500
15	Dalwhinnie	1005.8	+20	N	2	c	39	95	8	4	4	-	4-6	9	1500
	Aberdeen	1003.6	+8	N	4	c	46	65	7	2	-	8	2-3	9	1500
	Wick	1005.3	+20	NNE	4	c	44	95	8	8	6	-	4-6	7-8	1500
16	Lerwick	1006.8	+24	N	3	c	43	65	9	5	4		4-6	7-8	2500
17	Blacksod Point	1010.5	+46	N	5	q	45	85	8	9	-	-	7-8	7-8	1500
18	Malin Head	1006.8	+32	N	4	c	44	85	7	8	-	-	9+	9+	1500
	Aldergrove	1005.1	+20	N'W	5	c	49	55	8	-	-	-	7-8	7-8	4000
	Donaghadee	1005.1	+28	NE	3	bc	48	65	8	8	3	-	4-6	4-6	2500
19	Birr Castle	1006.4	+24	N	3	bc	48	65	8	8	-	-	4-6	4-6	2500
20	Valentia Obsy.	1009.3	+34	N'W	5	bc	49	65	8	8	-	-	4-6	4-6	2500
	Roches Point	1005.7	+30	NE	4	bc	48	65	8	8	-	-	4-6	4-6	1500

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

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)	1002.8	+34	N	3	r.	45	95	5	6	2	-	7-8	10	1500	1	*
	Croydon	1002.3	+30	NW	2	rf	45	85	3	8	7	-	9	9+	2500	1	*
	S. Farnborough	1002.2	+32	N'E	1	r.	45	95	5	5	-	-	10	10	1500	1	*
	Boscombe Down	1002.3	+34	N'E	3	3o	45	95	5	5	7	-	7-8	9+	800	1	*
	Calshot, S'thmtn	1002.1	+28	NW/N	3	c	45	85	6	5	2	-	7-8	10	2500	1	*
	Dungeness			SW	3	c				4	-	*	7-8	7-8	2500	*	3
	Lympne	1000.8	+18	NW	1	pr.	46	95	6	9	2	-	9	9+	800	1	*
2	Shoeburyness	1001.6	+26	NNW	2	r.	44	95	6	6	2	-	4-6	10	1500	1	*
	Felixstowe	1001.2	+20	W	1	r.	44	95	4	6	2	-	7-8	10	1500	1	0
	Gorleston	1001.7	+20	N'E	3	cd.	44	95	5	6	-	-	10	10	1500	1	2
	Cranwell	1003.4	+24	NW	2	3o	43	95	6	5	-	9	7-8	9	800	1	*
3	Birmingham	1004.0	+30	NNW	3	of	44	95	3	6	-	-	10	10	800	1	*
	Upper Heyford	1003.1	+30	NE	2	m	42	95	4	5	-	-	9+	9+	1500	1	*
4	Ross-on-Wye	1004.1	+30	N	3	m	46	75	4	5	-	-	10	10	450	1	*
5	Portland Bill	1002.9	+34	WNW	3	c	47	95	7	5	-	-	10	10	1500	1	3
	Plymouth	1003.7	+28	NNW	4	3o	48	75	6	7	3	-	4-6	4-6	2500	1	2
	The Lizard	1005.7	+40	NNW	4	c	44	95	7	8	6	-	7-8	9	2500	1	3
	Scilly (St. Mary's)	1007.5	+36	N	6	c	46	75	7	8	-	-	9	9	2500	1	4
	Guernsey	1003.9	+34	W	1	bc	47	95	7	8	-	-	4-6	4-6	2500	1	3
6	Pembroke	1004.6	+36	NNE	3	q	44	85	7	8	7	-	4-6	9+	4000	1	2
7	Holyhead	1007.0	+32	N	5	bc	45	85	6	8	-	-	2-3	2-3	2500	1	2
	Chester (Sealand)	1006.5	+40	NNW	3	r.	42	95	6	6	-	-	10	10	1500	1	*
8	L'pool (Bidston)	1006.6	+32	N'E	3	c/r	43	85	7	5	1	-	4-6	10	1500	1	*
	Manchester	1004.9	+40	NNE	3	c/r	44	85	5	5	-	-	9+	9+	1500	1	*
9	Harrogate	1004.5	+34	NNW	3	c	42	85	7	3	-	-	9+	9+	2500	1	*
10	Spurn Head	1002.4	+12	NW/N	4	c	42	95	7	5	2	-	7-8	9	4000	1	2
	Catterick	1005.4	+26	N'W	4	c	43	75	7	7	3	1	7-8	9+	1500	1	*
	Tynemouth	1003.7	+28	NNE	4	c	43	85	7	6	-	-	9	9	1500	1	3
11	Inchkeith	1007.9	+28	NNE	5	c	45	75	8	8	-	-	9+	9+	2500	0	3
	Leuchars	1008.1	+40	N	3	c/pr	44	75	8	8	-	-	9	9	2500	1	*
12	Renfrew (Abbotts'd)	1008.9	+34	N	4	bc	45	65	9	7	-	-	2-3	2-3	4000	1	*
	Eskdalemuir	1007.5	+32	N'E	2	c/pr	38	85	8	8	-	-	7-8	7-8	2500	1	*
13A	Tiree	1011.8	+26	N/W	4	bc	43	75	8	8	4	-	2-3	2-3	2500	0	3
13B	Stornoway	1013.6	+30	NE	3	c	41	65	8	5	7	-	7-8	9+	1500	1	1
15	Dalwhinnie	1010.1	+38	N	2	c3o	35	95	7	3	-	-	10	10	800	3	*
	Aberdeen	1008.4	+36	N	4	c/pr	41	85	7	9	-	8	7-8	9	1500	1	2
	Wick	1010.5	+28	N	5	bc	42	85	8	7	7	-	2-3	7-8	2500	1	3
16	Lerwick	1010.1	+24	NNE	3	bc	40	85	9	4	4	1	2-3	4-6	2500	0	*
17	Blacksod Point	1015.5	+34	N	4	bc	44	75	8	-	5	-	0	4-6	-	1	3
18	Malin Head	1011.7	+26	N	4	c	43	85	7	8	-	-	7-8	7-8	1500	0	*
	Aldergrove	1010.3	+36	NNE	4	bc	42	85	8	8	-	-	4-6	4-6	2500	1	*
	Donaghadee	1009.6	+28	NNE	3	bc	45	85	8	8	3	-	4-6	4-6	2500	0	2
19	Birr Castle	1012.0	+36	N	3	bc	45	75	8	8	-	-	2-3	2-3	2500	1	*
20	Valentia Obsy.	1014.8	+34	N	5	b	46	65	8	2	-	-	1	1	1500	1	4
	Roches Point	1010.8	+28	NE	5	bc	48	55	8	3	-	-	4-6	4-6	1500	0	4

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 20th (37)	13h.–18h. 20th (38)	18h. 20th to 1h. 21st (39)	1h.–7h. 21st (40)
London (Kew)	cfr.	fr.	cr.	cc3.
Croydon	cr.d.pr.	fr.r.	cr.r.fo	cm.cr.
S. Farnborough	cd.d.cr.	or.gr.r.	or.m.o	om.cm.
Boscombe Down	or.r.	ccr.m.	cm.bc	bc3.
Calshot, S'thmtn	c	cr.r.	cr.c	cbc
Dungeness	bc	o		c
Lympne	orfdc	Rr. PHr	r.rrd	cid.d.
Shoeburyness	crr.m.	crr.m.	crrc	cir.
Felixstowe	crr.m.	crr.m	cr.r.Rm	cmom.
Gorleston	c3.	o3.id.	ir. do	03.
Cranwell	o f fe	off m.	cm.	or.
Birmingham	f f	cogrf	ofr.c	c
Upper Heyford	rr.m	r.r.o	cm.m.	c
Ross-on-Wye	r.r.m.dm.f	ofdgom	omrmc	cbbc
Portland Bill	cr.	cr.c	o3.	ocbc
Plymouth	cmc	cbc3.	bcm	bc
The Lizard	bcc	cprc	cbcq	bcw
Scilly (St. Mary's)	crcr.	r.c	cbcb	bcc
Guernsey	cprbc	bcc	oidbc	oprc
Pembroke	c	cm.qc	bc	bcqcq
Holyhead	cm.c	cbcr.	bcbW	b
Chester (Sealand)	bcfom.c	cocr.m.	cbcbm.	bm.xbc
L'pool (Bidston)	cmc	ccr.	db	bc
Manchester	cf	cr.	bc	bccr.
Harrogate	oc	c	c	cr.
Spurn Head	ffd	fdc	odd	oddc
Catterick	om.r.c	cpr.c	cr.	cd.
Tynemouth	ocr.	oc	orrq	orro
Inchkeith	c	cpr	cbc	bc
Leuchars	cwc	jpp.	cpr.bv	bvx
Renfrew (Abbotts'd)	cxbcc	cbcvy	bbc	bx
Eskdalemuir	ccr.c	bcprh	pr.bc	bx
Tiree	bc	bc	bc	x
Stornoway	cpr.	cpr.c	bc	bc
Dalwhinnie	c3oc	c3o	*	b
Aberdeen	cprq	cbcbx	bx	
Wick	c	cprbc	bc	bcc
Lerwick	c	c bc	bcpb	bcepr
Blacksod Point	prcq	pr.bc	cbc	cbc
Malin Head	c	c	c	cbc
Aldergrove	bcbm.	bccp.	c, bx	bx
Donaghadee	cbc	bc	bc	bcx
Birr Castle	cbc	bc	bcb	bx
Valentia Obsy.	bc	bcb	bbccy	cyc
Roches Point	bc	bcy	bc	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$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⊗ lunar halo. ⚡ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

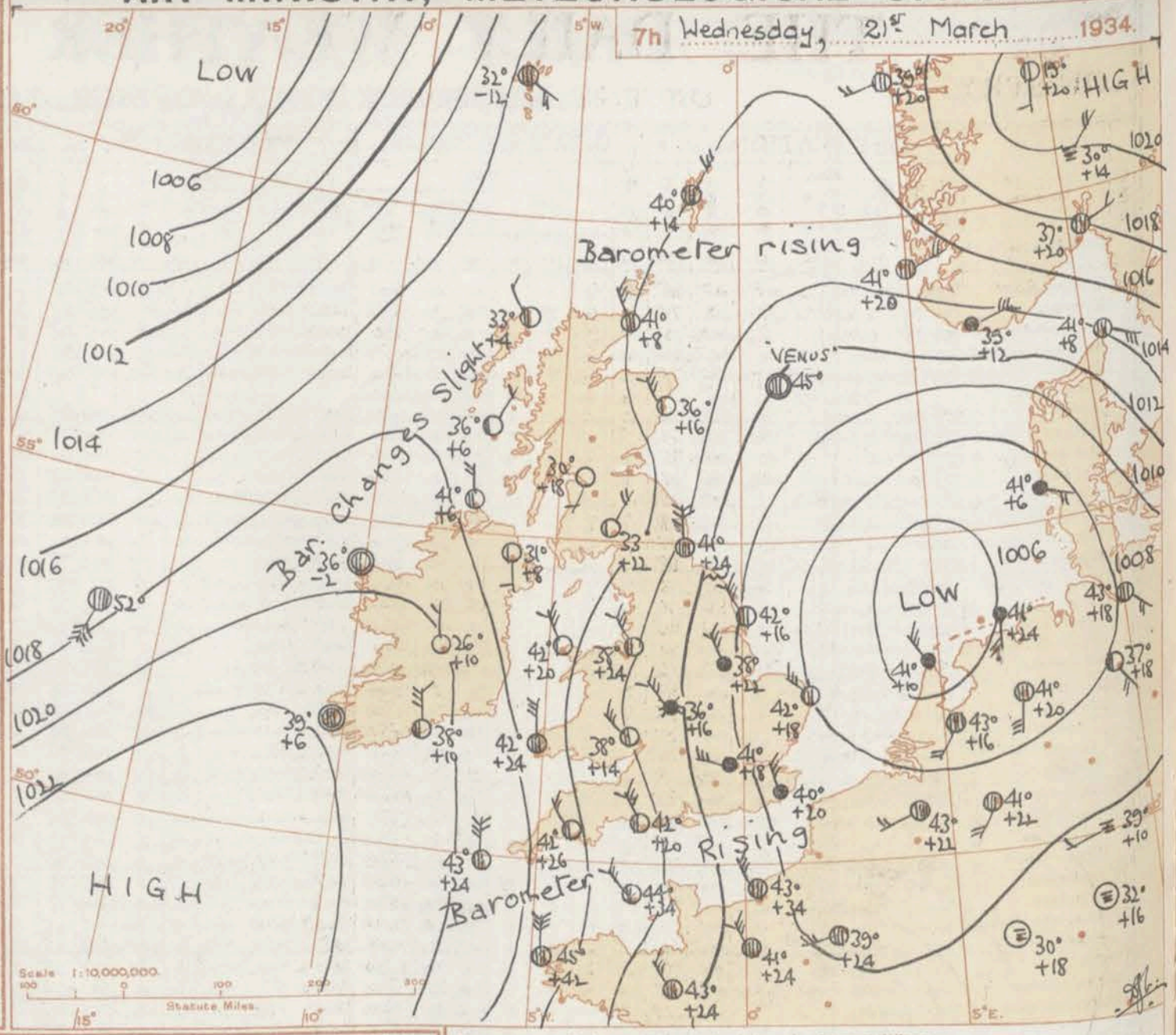
REPORTS from HEALTH RESORTS for 20th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 19th to 9h. 20th	Temperature. Max. 9h.—17h. 20th	Rainfall. Night. 17h. 19th to 9h. 20th	Rainfall. Day. 9h.—17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset. 19th
1	Tunbridge W.	obc	bcbcm	38	52	0.5	0.3	1.2	0.0
	Bournemouth	dco	o	41	50	3	0.3	0.4	2.3
	Ventnor ...	rombc	bcow	41	50	8	trace	1.5	3.6
	Southsea ...	co	orr	41	51	5	0.6	0.5	1.5
	Bognor Regis	bcbc	cbcc	42	49	3	–	2.7	2.2
	Littlehampton	bc	bc	41	49	2	–	3.5	1.9
	Worthing ...	cbcc	bcc	41	49	2	–	4.8	2.0
	Brighton ...	cbc	bc	41	50	2	–	6.0	0.9
	Eastbourne†	bbcc	cbc	42	50	2	–	4.1	0.2
	Hastings† ...	cbcc	cbcc	42	50	1	–	5.1	0.1
	Folkestone ...	odcbc	bccb	39	50	3	3	3.9	0.0
	Dover... ...	cbc	bccb	41	49	4	2	4.1	0.0
	Deal	roc	crdr	45	52	3	5	1.1	0.0
	Ramsgate ...	dc	bcrcrc	39	51	3	1	1.2	0.0
	Margate ...	cd	bccd	40	48	3	0.4	1.1	0.0
2	Southend ...	orr	orm	40	47	1	4	0.0	0.1
	Maldon ...	orr	orr	39	46	2	7	0.0	0.0
	Clacton-on-Sea	corr	orr	41	46	0.4	4 6	0.0	0.0
	Dovercourt ...	roc	roc	40	46	0.2	6	0.0	0.0
	Lowestoft ...	o3	o1r0r	39	44	–	1	0.0	0.6
	Skegness ...	o	o	38	43	0.2	–	0.0	0.5
	Mablethorpe	o	orm	36	45	0.5	trace	0.0	1.5
	Cleethorpes ...	o	o	38	43	1	trace	0.0	2.0
3	Leamington S.	o	o	37	48	0.6	–	0.0	1.2
4	Cheltenham†	o	orm	39	48	4	0.5	0.0	2.5
5	Bath	rrc	dc	41	49	5	1	0.0	4.0
	Weymouth ...	ber	rc	43	51	1	0.2	2.3	3.0
	Jersey ...	rcbc	cpbc	45	52	2	0.4	4.5	0.2
	Torquay ...	rpbcw	bcbpc	38	50	3	1	2.5	3.4
	Penzance ...	bd	bccd	37	49	6	Trace	1.2	4.8
	St. Ives ...	p	p	40	47	8	0.5	0.2	4.2
	Bude	cbc	odm	42	47	5	–	0.0	4.4
	Ilfracombe ...	rp	oco	43	49	3	.1	0.0	4.1
6	Aberystwyth	cbc	cbrc	37	46	0.3	1	2.8	2.0
7	Llandudno ...	o	dr0	40	44	1	1	0.3	0.0
	Colwyn Bay...	bco	or0	38	44	0.3	0.5	0.1	0.0
	Rhyl	om	omrr	38	44	trace	1	0.0	0.0
8	Wallasey ...	ocbc	cb	38	44	1	0.3	0.1	0.0
	Southport‖ ...	o	oroc	37	44	2	0.4	0.0	0.0
	Blackpool ...	o	bo	37	45	0.4	0.1	0.0	0.0
	Morecambe ...	idc	cbbco	39	45	2	–	0.5	0.2
9	Ilkley... ...	c	c	37	45	4	–	0.0	0.8
10	Berwick-on-T.	orc	oc	40	44	3	0.1	0.1	3.1
11	Dunbar ...	cr	bc	39	45	1	–	1.4	3.3
12	Troon... ...	bcx	bcbbc	35	48	–	–	5.8	4.5
	Douglas ...	xcbc	cbbc	39	49	0.3	–	3.6	2.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday, 21st March 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate or light northerly wind; local slight rain at first; brighter intervals later, but mainly cloudy near East Coast; rather cold.
5. S.W. England 6. South Wales 7. North Wales	Light or moderate north or northwest wind, backing; mainly fair; day temperature about normal for season, perhaps local ground frost at night.
8. N.W. England	As 11 - 12.
9. N Midlands 10. N.E. England	Moderate or light northerly wind, becoming variable; local slight rain at first, brighter later; local morning fog; rather cold.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable wind; mainly fair; local fog in morning; day temperature about normal; local night frost.
13. {A. W Scotld. B. N.W. Scotland.	Moderate wind between south and west, perhaps fresh locally; rain later followed by showers; temperature about normal for season.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate or light northerly wind, becoming variable; mainly fair; temperature about normal.
17. N.W. Ireland	As 13.
18. N.E. Ireland 19. S.E. Ireland	Moderate west or southwest wind; cloudy, perhaps slight rain later; temperature about normal for season.
20. S.W. Ireland	As 13.

H.M. Stationery Office Press, Kingsway, W.C.2. No. 765/9705. No. 47. 2,500. 10/06. 29140. 9/34.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 1/5 clouded. ◑ Sky 1/10 to 1/5 clouded. ◑ Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. ₹ 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.

In the rear of a dying depression over the North Sea, a ridge of high pressure is spreading eastwards across the country. Westward of the ridge is a rather feeble trough of low pressure. Weather will be mainly fair, except at first in the Southeast and later in the extreme West and Northwest.

FURTHER OUTLOOK.

Unsettled in the Northwest; probably mainly fair in the Southeast.

Forecasts issued at 1010 G.M.T.

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

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

Morning of
Wednesday,
21st MARCH
1934.

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

Wednesday, 21st March 1934.

No. 26.417

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

Dist.	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1007.7	+14	NW	3	o	43	85	6	5	-	-	10	10	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1006.7	+22	NNW	3	c	41	96	7	5	2	-	4-6	10	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1004.1	+8	WNW	3	o	42	96	6	5	-	-	10	10	1500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1009.1	+20	NNE	4	o	44	95	6	5	-	-	10	10	1500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1012.2	+30	N'W	5	bc	43	85	6	4	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	163	1014.6	+24	N	5	bc	45	75	7	1	-	-	2-3	2-3	4000
	Guernsey ...	175	1009.1	+22	NW	1	ir	45	96	6	6	-	-	10	10	1500
6	Pembroke ...	142	1011.9	+22	NNE	3	bc	43	96	7	5	-	-	4-6	4-6	4000
7	Holyhead ...	26	1013.2	+22	N	4	b	44	75	7	3	-	-	1	1	4000
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1005.6	+6	NW	5	dd	41	95	7	-	2	-	o	10	-
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1006.2	+6	N	6	rr	42	96	7	6	-	-	10	10	1500
11	Inchkeith ...	190	1013.6	+12	NNW	4	bc	37	85	6	5	-	-	2-3	2-3	4000
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1017.0	+6	N	2	bc	32	95	8	4	-	-	2-3	2-3	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1014.6	+12	NNW	3	bc	37	95	8	5	1	-	2-3	2-3	2500
16	Lerwick ...	54	1013.9	+16	N	3	bc	38	95	8	8	-	-	2-3	2-3	1500
17	Blacksod Point	18	1019.8	+10	N	3	c	42	65	8	-	7	-	o	7-8	-
18	Malin Head ...	52	1019.0	+10	NW	3	c	43	95	7	4	-	-	7-8	7-8	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1020.7	+10	NNW	4	c	41	95	8	5	-	-	9	9	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

Dist.	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1011.3	+24	NW'N	3	c	41	75	6	5	-	-	10	10	1500	1	*
	Croydon ...	1010.7	+18	WNW	3	c.c.	41	85	6	5	2	-	9	10	1500	1	*
	S. Farnborough	1011.9	+26	NW	3	c	39	85	6	5	1	-	9	10	2500	1	*
	Boscombe Down	1012.7	+18	NW	4	j.	37	85	6	7	3	-	4-6	4-6	5700	1	*
	Calshot, (S'thmtn)	1012.6	+22	NW'W	4	bc	39	75	7	5	7	-	4-6	4-6	4000	1	1
	Dungeness ...	*	*	NW	2	c	*	*	6	5	-	*	9+	9+	1500	*	2
	Lympne ...	1009.7	+20	NW'N	3	id.	40	95	6	6	2	-	9	10	800	1	*
2	Shoeburyness	1009.8	+24	NNW	3	ic	41	95	6	6	-	-	10	10	800	1	*
	Felixstowe ...	1009.0	+20	NW	2	o	41	95	6	5	-	-	10	10	450	1	1
	Gorleston ...	1008.2	+18	NW	3	c	42	95	6	5	-	-	10	10	2500	1	2
	Cranwell ...	1011.0	+22	NNW	4	dd.	38	95	6	6	-	-	10	10	220	1	*
3	Birmingham ...	1013.0	+16	NW	4	prs	36	85	6	6	2	-	2-3	10	1500	1	*
	Upper Heyford	1012.5	+18	NW	4	c	39	85	7	5	2	-	7-8	10	800	1	*
4	Ross-on-Wye ...	1013.9	+14	NW	3	bc	38	75	8	5	8	1	2-3	2-3	4000	1	*
5	Portland Bill...	1014.2	+20	NNW	4	bc	42	85	8	4	-	-	2-3	2-3	2500	1	3
	Plymouth ...	1016.4	+26	N'W	2	bc	42	85	7	8	-	-	4-6	4-6	1500	1	1
	The Lizard ...	1017.5	+20	NNW	4	bc	40	95	8	4	-	-	2-3	2-3	2500	1	3
	Scilly (St. Mary's)	1019.3	+24	N	5	c	43	95	8	8	-	-	9+	9+	2500	1	3
	Guernsey ...	1014.1	+34	NW	4	bc	44	75	7	5	-	-	4-6	4-6	4000	1	3
6	Pembroke ...	(1017.6)	+24	N	3	q	42	95	7	8	6	-	4-6	7-8	2500	1	2
7	Holyhead ...	1016.7	+20	NNW	4	b	42	95	8	5	-	-	Tr	Tr	1500	1	2
	Chester (Sealand)	1015.6	+24	NW	4	bc	38	75	7	5	-	-	4-6	4-6	5700	1	*
8	L'pool (Bidston)	1015.7	+16	N'W	4	bc	39	75	8	7	7	-	2-3	4-6	2500	0	*
	Manchester	1013.8	+22	NW	4	ic	37	85	7	6	2	-	7-8	9+	2500	1	*
9	Harrogate ...	1013.2	+30	N	3	ic	37	85	7	6	2	-	9	10	2500	1	*
10	Spurn Head ...	1009.7	+16	NW	4	c	42	95	6	5	2	-	7-8	9	2500	1	3
	Catterick ...	1014.1	+24	NNW	4	c/r	38	75	7	5	2	-	9	10	1500	1	*
	Tynemouth ...	1012.7	+24	N	5	o	41	85	6	6	-	-	10	10	1500	1	4
11	Inchkeith ...	1016.4	+14	NW	3	bc	36	85	8	4	-	-	2-3	2-3	2500	4	2
	Leuchars ...	1016.1	+18	W	2	b	31	85	9	5	-	-	1	1	5700	4	*
12	Renfrew (Abbotts L)	1017.6	+18	SSW	1	b	30	85	8	-	-	-	o	o	-	4	*
	Eskdalemuir ...	1016.5	+22	NNE	2	b	33	65	8	5	-	-	Tr	Tr	4000	4	*
13A	Tiree	1017.5	+6	~~SW~~ NEN	5	b	36	65	9	8	-	3	Tr	1	4000	0	‡2
13B	Stornoway ...	1017.3	+4	NEN	1	bc	33	95	9	8	3	-	‡2	2-3	4000	1	1
15	Dalwhinnie ...	x	+12	N	1	b	23	95	8	4	-	-	Tr	Tr	4000	8	*
	Aberdeen ...	1015.2	+16	NW	4	b	36	95	8	8	7	-	1	1	4000	1	2
	Wick	1016.1	+8	NNW	3	c	41	95	8	8	1	8	4.6	7.8	2500	1	2
16	Lerwick ...	1015.9	+14	NNE	3	c	40	85	8	8	7	1	4.6	7.8	1500	1	*
17	Blacksod Point	1013.4	-2	-	0	bc	36	85	8	-	-	7	o	4.6	-	1	2
18	Malin Head ...	1017.0	+6	N	2	bc	41	85	9	8	-	-	4.6	4.6	1500	0	1
	Aldergrove ...	1018.2	+8	S	1	b	31	95	9	5	-	-	Tr	Tr	4000	4	*
	Donaghadee ...	1017.5	+10	W	2	bc	36	85	8	8	3	-	2-3	4.6	2500	0	0
19	Birr Castle ...	1020.6	+10	N	1	b	26	95	8	-	-	-	o	o	-	4	*
20	Valentia Obsy.†	1021.9	+6	-	0	c	39	75	8	7	-	8	4.6	7.8	4000	1	3
	Roches Point...	1020.5	+10	N	4	bc	38	75	6	3	-	-	2-3	2-3	1500	0	3

PAST 24 HOURS.

Dist.	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 20th Hrs. (36)
1	London (Kew)...	48	41	39	2	0.2	0.0
	Croydon ...	50	41	38	1	1	0.0
	S. Farnborough	50	38	34	0.6	0.1	0.4
	Boscombe Down	46	36	33	1	-	0.0
	Calshot, (S'thmtn)	50	39	35	1	Tr	0.0
	Dungeness ...	50	40	*	Tr	0.4	*
	Lympne ...	54	40	39	4	1	2.2
2	Shoeburyness	47	41	40	5	1	0.0
	Felixstowe ...	45	41	40	9	3	0.0
	Gorleston ...	45	41	39	Tr	0.6	0.0
	Cranwell ...	43	37	37	Tr	1	0.0
3	Birmingham ...	47	36	32	1	1	0.0
	Upper Heyford	45	37	33	5	-	*
4	Ross-on-Wye ...	48	37	29	3	2	0.0
5	Portland Bill...	49	39	*	0.5	-	*
	Plymouth ...	50	41	38	-	-	3.9
	The Lizard ...	48	39	*	Tr	-	*
	Scilly (St. Mary's)	47	42	*	1	-	1.4
	Guernsey ...	54	44	40	0.5	1	5.6
6	Pembroke ...	48	40	*	0.2	-	1.2
7	Holyhead ...	45	42	39	-	-	0.3
	Chester (Sealand)	45	36	28	0.3	-	0.4
8	L'pool (Bidston)	44	37	35	0.1	-	0.1
	Manchester	49	35	29	0.2	0.1	0.1
9	Harrogate ...	44	37	35	-	Tr	0.1
10	Spurn Head ...	43	40	*	0.1	2	0.0
	Catterick ...	43	37	36	0.1	0.1	*
	Tynemouth ...	43	40	38	0.2	6	
11	Inchkeith ...	47	35	27	Tr	-	0.6
	Leuchars ...	50	31	25	0.2	Tr	1.9
12	Renfrew (Abbotts L)	50	27	20	-	-	6.9
	Eskdalemuir ...	45	29	26	0.2	0.3	2.9
13A	Tiree	45	35	29	-	-	3.0
13B	Stornoway ...	46	31	*	0.1	-	1.8
15	Dalwhinnie ...	39	22	15	1	-	0.4
	Aberdeen ...	47	33	32	1	-	0.7
	Wick	45	35	*	0.1	-	*
16	Lerwick ...	44	37	*	-	1	4.5
17	Blacksod Point	46	35	*	0.4	-	*
18	Malin Head ...	46	40	*	-	-	4.9
	Aldergrove ...	50	31	23	Tr	-	8.1
	Donaghadee ...	48	35	*	-	-	*
19	Birr Castle ...	51	26	13	-	-	8.3
20	Valentia Obsy.†	50	38	34	-	-	8.1
	Roches Point...	52	36	*	-	-	*

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	cfr o	fr o	cr o c	48	41	39	2	0.2	0.0	*	*	.6
Croydon	217	cr d. p	fr o	cc fr c	50	41	38	1	1	0.0	*	*	5
Greenwich (Royal Observatory) ...	149	rr m.	rfr r m	rc. o l m	47	40	38	4	2	0.0	88	88	4
City (Bunhill Row)	—				*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	48	41	39	5		0.0	85	81	*
‡Regents Pk. (Botanic Gardens) ...	129	*	*	*	46	40	39	5	0.5	0.0	92	95	*
Camden Square	110	fo d for	for cr	*	45	40	38	6	0.5	*	*	89	*
Kensington	80	o m r	c or	*	46	41	39	4	0.5	0.0	At 18h. 83		*
Hampstead Observatory	450	o fr	or	o p	44	37	35	7	0.3	0.0	92	95	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1.1	13h 20d	0.3	22h 20d to 7h 21st

Kew Observatory. Max.	Time.	Min.	Time.
0.7	13h 20d	0.1	24h 20d

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 20th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 21st March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1003.1	SSW	3	bc	54	1009.8	W	3	m	39
Brussels	1002.4	WSW	3	c	46	1008.4	WSW	2	o	43
Berlin	1007.2	E'S	3	c	50	1009.8	E	1	3o	45
Zürich	1008.7	SW	1	o	43	1010.7	NW	1	m	37
Rome	1013.5	SSE	8	c	57					

Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	32	-	-
54	41	3	1
54	43	-	-
55	34	3	0.1
x	x	-	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.
Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 22nd March 1934.

No. 26.418

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

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) ...	1014·4	+10	NW	3	c	43	85	6	5	-	-	10	10	1500
	Croydon ...	1014·2	+14	WNW	2	do do	41	95	4	5	-	-	10	10	450
	S. Farnborough	1014·9	+14	NW	3	o/do	40	95	6	5	-	-	10	10	800
	Boscombe Down	1015·7	+10	NNW	3	o3o	39	85	6	5	-	-	10	10	800
	Calshot, S'thmtn	1015·3	+10	NW'N	4	o	41	85	6	6	-	-	10	10	1500
	Dungeness ...	*	*	NW	2	c	*	*	5	9	2	*	4-6	9+	1500
	Lympne ...	1013·3	+14	NW'W	2	c	42	95	6	5	-	-	10	10	450
2	Shoeburyness	1013·0	+14	NW'N	3	o/do	45	85	6	5	-	-	10	10	1500
	Felixstowe ...	1012·2	+14	NW'N	4	do	45	85	7	5	2	-	7-8	10	1500
	Gorleston ...	1011·1	+10	NW'N	4	c	45	85	6	5	-	-	10	10	2500
	Cranwell ...	1014·1	+12	NW	4	c	43	85	6	5	-	-	10	10	1500
3	Birmingham ...	1015·5	+10	NNW	4	c3o	42	85	5	-	3	-	0	7-8	-
	Upper Heyford	1015·9	+14	NNW	4	o/ro	41	85	5	5	-	-	10	10	800
4	Ross-on-Wye ...	1016·1	+8	N'E	3	bc	49	55	8	7	-	-	4-6	4-6	4000
5	Portland Bill...	1015·6	+6	N	5	c	45	75	7	5	-	-	3	9	2500
	Plymouth ...	1017·9	+10	NNW	5	bc	49	65	8	1	3	-	2-3	2-3	4000
	The Lizard ...	1019·2	+10	NNW	4	bc	47	75	8	8	-	-	4-6	4-6	2500
	Scilly (St. Mary's)	1021·7	+6	NNW	4	c	47	75	7	8	-	-	7-8	7-8	4000
	Guernsey ...	1017·0	+10	NNW	4	bc	48	65	7	1	-	-	2-3	2-3	2500
6	Pembroke ...	1018·1	+6	NW	3	bc	45	75	7	7	7	-	4-6	4-6	4000
7	Holyhead ...	1018·1	+2	NW'W	3	bc/jp	44	85	8	4	-	-	4-6	4-6	1500
	Chester (Sealand)	1017·3	+4	WNW	5	b	44	55	8	7	-	1	1	1	4000
8	L'pool (Bidston)	1017·1	+4	NW'N	4	b	43	65	8	1	-	1	1	1	4000
	Manchester	1015·8	+2	NNW	4	bc	47	65	7	7	-	-	4-6	4-6	2500
9	Harrogate ...	1014·5	+6	NNW	3	c	46	65	7	8	8	-	7-8	9	4000
10	Spurn Head ...	1012·4	+6	NNW	6	c	45	95	7	3	7	-	4-6	7-8	4000
	Catterick ...	1015·1	+4	NW'N	3	c	44	75	7	7	-	-	10	10	2500
	Tynemouth ...	1014·3	0	N	3	c	43	75	7	9	-	-	7-8	7-8	1500
11	Inchkeith ...	1015·6	-4	W	1	b	44	75	8	-	4	-	0	1	-
	Leuchars ...	1015·7	-8	WSW	2	bc	50	45	9	5	-	4	2-3	2-3	5700
12	Renfrew (Abbotsl)	1015·8	-12	W'N	1	bc	48	45	8	-	-	1	0	2-3	-
	Eskdalemuir ...	1015·1	-8	N	2	bc	46	44	8	5	-	-	2-3	2-3	4000
13A	Tiree	1015·1	-18	SSE	3	c	45	65	9	4	5	6	1	9+	4000
13B	Stornoway ...	1014·9	-16	S	2	c	42	75	8	8	6	-	4-6	9+	2500
15	Dalwhinnie ...	1015·7	-12	N	1	bc	44	95	8	-	-	5	0	2-3	-
	Aberdeen ...	1015·1	-4	NW'N	3	c	45	85	8	8	7	-	7-8	9	2500
	Wick	1016·0	-6	NE	3	bc	44	85	8	2	3	-	2-3	4-6	2500
16	Lerwick ...	1015·6	-12	E	3	c/pr	43	85	8	8	7	-	4-6	7-8	2500
17	Blacksod Point	1015·2	-20	S	4	cr	45	85	8	5	-	-	10	10	800
18	Malin Head ...	1014·7	-16	SW	1	c	45	85	9	5	7	-	1	9+	1500
	Aldergrove ...	1016·9	-14	SSW	3	c	48	55	9	7	-	6	4-6	7-8	4000
	Donaghadee ...	1016·8	-6	SE	1	bc	45	75	8	8	-	-	4-6	4-6	1500
19	Birr Castle ...	1018·7	-10	S	1	c	47	55	8	-	-	7	0	10	-
20	Valentia Obsy.	1019·7	-20	S'W	4	cc	49	65	8	5	2	-	7-8	10	1500
	Roches Point...	1020·2	-6	SW	2	bc	46	65	8	5	-	-	4-6	4-6	2500

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

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) ...	1015·5	+6	NW	3	c	45	75	5	5	-	-	9	9	2500	1	*
	Croydon ...	1015·2	+6	NW'W	2	m	45	85	4	5	-	-	9+	9+	4000	1	*
	S. Farnborough	1015·5	+6	NW	1	3o	44	75	5	5	-	-	9	9	2500	1	*
	Boscombe Down	1016·0	+2	NNW	1	bc	44	85	6	8	3	-	2-3	4-6	2500	1	*
	Calshot, S'thmtn	1015·9	+6	NW'N	2	bc	45	75	6	5	-	-	4-6	4-6	2500	1	1
	Dungeness ...	*	*	NW'W	1	c	*	*	5	8	2	*	4-6	9+	1500	*	0
	Lympne ...	1014·4	+6	NW	2	c/d	43	85	5	5	2	-	7-8	10	1500	1	*
2	Shoeburyness	1014·1	+6	NNW	2	c	44	85	6	5	-	-	9	9	1500	1	*
	Felixstowe ...	1013·8	+8	NW	3	c	44	85	7	5	7	-	9	10	1500	1	2
	Gorleston ...	1012·3	+6	NW'W	4	c	44	95	6	4	3	-	4-6	7-8	2500	1	2
	Cranwell ...	1014·4	+2	NW	2	c	43	85	6	5	-	-	9+	9+	4000	1	*
3	Birmingham ...	1015·4	0	NW	2	b	43	45	6	-	-	1	0	1	-	1	*
	Upper Heyford	1015·8	0	SW	1	3o	42	85	6	7	4	-	4-6	7-8	1500	1	*
4	Ross-on-Wye ...	1015·5	0	WNW	2	c	46	55	8	5	-	8	4-6	7-8	4000	0	
5	Portland Bill...	1016·5	+10	S	2	bc	45	85	7	5	-	1	2-3	4-6	2500	1	2
	Plymouth ...	1018·7	+10	WNW	4	c	46	65	8	1	-	6	Tr	9	4000	1	2
	The Lizard ...	1019·5	0	W'N	3	c	43	75	8	4	2	-	4-6	9+	2500	1	2
	Scilly (St. Mary's)	1020·2	-8	WNW	4	c	44	65	7	-	7	-	0	9	-	1	2
	Guernsey ...	1017·9	+10	-	0	bc	46	75	7	7	-	-	4-6	4-6	4000	1	3
6	Pembroke ...	1015·5	-6	WNW	2	c	43	65	7	2	2	-	2-3	9+	2500	1	1
7	Holyhead ...	1015·4	-10	SSW	2	c	43	75	9	4	2	6	1	9	4000	1	1
	Chester (Sealand)	1016·0	-6	NW'N	2	bc	41	75	7	4	-	4	1	4-6	4000	1	*
8	L'pool (Bidston)	1015·8	-12	WNW	3	bc	(41)	85	8	1	-	6	1	4-6	4000	0	*
	Manchester	1015·2	+4	NW	4	b	40	55	7	-	-	1	0	Tr	-	1	*
9	Harrogate ...	1013·7	0	WSW	1	c	44	65	7	5	-	-	7-8	7-8	4000	1	*
10	Spurn Head ...	1013·0	+2	NW	4	c	43	95	7	3	7	-	4-6	7-8	2500	0	3
	Catterick ...	1013·6	-10	W'N	1	c	44	65	7	4	-	1	7-8	7-8	4000	1	*
	Tynemouth ...	1013·3	-4	N	3	be	42	85	7	2	-	-	4-6	4-6	2500	1	2
11	Inchkeith ...	1013·6	-14	E	1	bc	43	85	8	2	6	2	2-3	4-6	2500	0	0
	Leuchars ...	1013·2	-18	SSW	1	bc	41	65	7	-	-	4	0	4-6	-	1	*
12	Renfrew (Abbotsl)	1013·4	-6	SW'S	2	c	42	65	7	-	1	2	0	9+	-	1	*
	Eskdalemuir ...	1013·6	-8	SW	3	bc	39	65	9	5	-	6	1	4-6	4000	1	*
13A	Tiree	1010·3	-22	SSE	4	ir	41	85	7	6	2	-	1	10	2500	1	3
13B	Stornoway ...	1010·5	-12	S	4	c	42	65	9	8	2	-	2-3	9	2500	1	3
15	Dalwhinnie ...	1013·2	-8	S	1	c	34	95	8	-	2	5	0	7-8	-	6	
	Aberdeen ...	1013·2	-10	NE	1	c	42	95	7	8	-	-	9	9	4000	1	1
	Wick	1013·1	-8	SSE	3	c	43	95	8	8	1	-	7-8	9	1500	1	2
16	Lerwick ...	1014·5	-6	SE	3	c	43	85	8	8	7	-	4-6	7-8	1500	0	*
17	Blacksod Point	1010·4	-22	NW	2	RR	46	95	7	6	-	-	10	10	450	2	2
18	Malin Head ...	1009·7	-30	S'W	3	rr	41	95	7	6	2	-	9	10	800	1	1
	Aldergrove ...	1012·9	-28	S'W	2	c	44	65	8	-	7	-	0	10	-	1	*
	Donaghadee ...	1013·3	-6	SW	2	c	45	65	8	5	-	-	9	9	1500	0	0
19	Birr Castle ...	1013·5	-32	S	1	ir	44	85	8	6	2	-	9	10	2500	1	*
20	Valentia Obsy.	1012·4	-40	SW'S	5	rr	49	95	6	6	-	-	10	10	800	1	4
	Roches Point...	1015·3	-40	SW	3	ir	46	85	7	6	-	-	10	10	1500	1	3

PAST 24 HOURS.

Weather. 7h.–13h. 21st (37)	13h.–18h. 21st (38)	18h. 21st to 1h. 22nd (39)	1h.–7h. 22nd (40)
cm o	cm o	cbm o	bfo Fx
cr o do f	d d o rcm	cb m o w	bm o wx
or o id o o	cg o	cm o bx	bx bf
gir o c	cbcm o	bcm o	bbcx
cd o d o c	cm o bg	bc bm o	bbcxm o
c	o	*	o
cid o om	cid m o	cm o	bmxcm o
om id o	cm o	cm o	cmf
od d o mid o	circ	circ	cbcm o
cq	cg3 o	c3 c	c3 o
cidr o	cpnc	cbc	bcx
prs o	bcb	bbc	bcxc
rr o r	cdcm	bcb	bbccx
cc	by bcy	cbcc w	c
cc	cbc	bbcc	c
bcb	bcc	c or	orrdd
be	bcc	crr	crrc
cbcc	c	crrcp	clpq
bbc	bc bc	bcc	cpr
bc	bcc	crrc	crrmc
bbc	bcc	r o r o o	r o r o o
bcbv	bvybc	bcxm o	xcm r o
bcbb	bybc	bcb	b, cr o
crmc	by	bf	bfod o
c	cbc	bcb	bccx
bc	cpnc	o3c	cbcfx
cbbcc	cbc	bcx	bccx
bc	cbc	bcc	c
bcb	bbc	bc	bcc3 o
bcxyv	bcyv bc	bbcxm	bbccxm
xbbcy	bccy	c	crr o r
bxbcy	bcy	bcx	cxcs o
bbcc	c	rr R	bc
bcc	c	crro	cpr
b	b	*	iso
bbcc	cpr o	c	cbcx
cbc	bcc	c	cbc
bc cpr o	c	bcc	cor o
cbc	RR	prhcq	prcq
bcc	cr o r	crr	cpr
bxc	c	cr o r r	cr o r
bc	bcc	c	or o r
bcy	cir o	r o rr	rrbc
ccir	cir o rr	crrirpr	cphqr
bc	bcoir ⊕	orrc	cqbc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

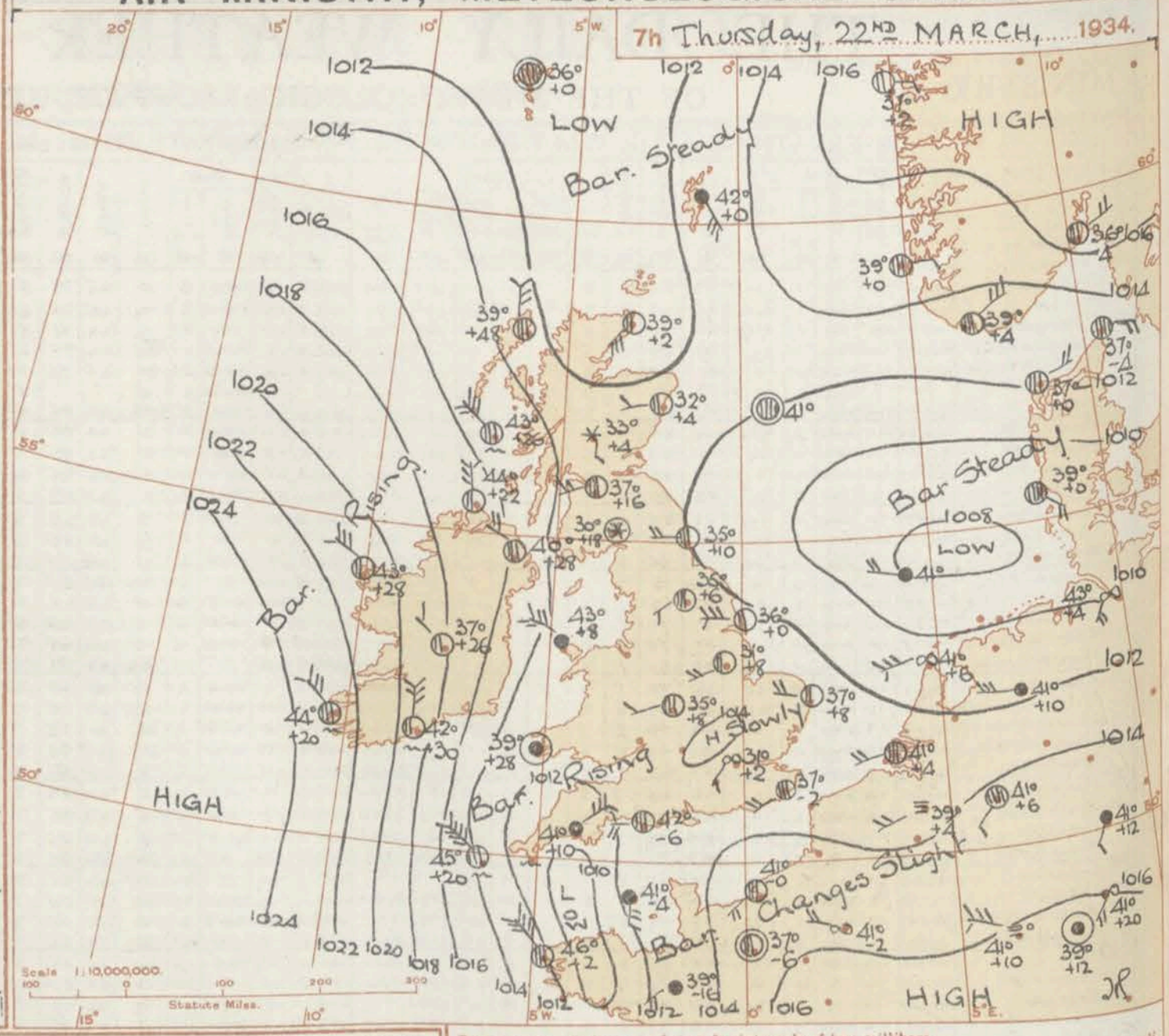
REPORTS from HEALTH RESORTS for 21st March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 20th. to 9h. 21st	Temperature. Max. 9h.—17h. 21st	Rainfall. Night. 17h. 20th. to 9h. 21st	Rainfall. Day. 9h.—17h. 21st	Sunshine. Sunrise to 17h. 21st	Sunshine. Sunrise to Sunset. 20th.
1	Tunbridge W.	o	obo	39	43	1	0.3	0.0	1.2
	Bournemouth	bco	cbbc	36	46	1	–	3.5	0.4
	Ventnor ...	bbtcw	cco3	39	45	trace	–	1.6	1.5
	Southsea ...	o	oc	37	46	0.4	–	0.1	0.5
	Bognor Regis	oc	cbcco	40	47	trace	–	0.7	2.7
	Littlehampton	c	c	41	46	0.2	–	0.0	3.7
	Worthing ...	c	c	41	46	0.3	–	0.1	4.8
	Brighton ...	o	c	42	45	0.2	–	0.0	6.0
	Eastbourne†	o	o	42	45	1	–	0.0	4.1
	Hastings† ...	o	odo	41	45	0.6	0.2	0.0	5.1
	Folkestone ...	omdo	o	41	46	1	trace	0.0	3.9
	Dover... ...	mo	mo3o	41	46	1	trace	0.0	4.1
	Deal	o	2o	41	45	2	trace	0.0	1.1
	Ramsgate ...	c	oc	40	45	3	–	0.0	1.2
	Margate ...	c	c	41	43	2	–	0.0	1.1
2	Southend ...	om	odcm	39	46	2	trace	0.0	0.0
	Maldon ...	c	od°	40	46	3	trace	0.1	0.0
	Clacton-on-Sea	ogc	c	41	46	3	–	0.0	0.0
	Dovercourt ...	dbcc	bcc	41	46	5 4	trace	0.0	0.0
	Lowestoft ...	cio	c	40	45	1	–	0.0	0.0
	Skegness ...	o	o	40	46	–	–	0.0	0.0
	Mablethorpe	omc°	opm°	36	46	trace	trace	0.0	0.0
	Cleethorpes...	oc	c°o	39	46	0.4	0.2	0.2	0.0
3	Leamington S.	oc	obc	36	48	0.4	–	0.9	0.0
4	Cheltenham†	oirc	cbbcb	36	49	3	1	2.4	0.0
5	Bath	cr	cbcb	38	52	1	0.5	2.4	0.0
	Weymouth ...	bbc	c°cb	38	50	1	0.1	4.8	2.3
	Jersey ...	bcc	c°bcc	44	47	–	–	5.5	4.5
	Torquay ...	cbbng	b	40	53	0.1	–	9.9	2.5
	Penzance ...	bbcb	bbcbc	43	51	trace	–	6.0	1.2
	St. Ives ...	b	bc	43	47	0.3	–	3.2	0.2
	Bude	bc	bcc	44	48	–	–	7.5	0.0
	Ilfracombe ...	b	b	42	49	–	–	8.2	0.0
6	Aberystwyth	cbc	bcc	35	47	–	–	9.6	2.8
7	Llandudno ...	b	bbc	39	48	–	–	8.7	0.3
	Colwyn Bay...	b	bbc	39	47	–	–	9.2	0.1
	Rhyl	b	b	40	46	trace	–	9.6	0.0
8	Wallasey ...	b	b	39	47	–	–	9.6	0.1
	Southport‖ ...	b	b	37	47	–	–	9.4	0.0
	Blackpool ...	bcb	bc	38	46	0.1	–	9.3	0.0
	Morecambe ...	b	b	38	49	–	–	10.0	0.5
9	Ilkley... ...	cbc	bcc	38	47	–	–	3.6	0.0
10	Berwick-on-T.	bc	bc	38	46	–	–	7.2	0.4
11	Dunbar ...	cs	bc	32	47	0.3	–	5.6	1.4
12	Troon... ...	bcsbm	bbc	32	47	–	–	8.5	6.6
	Douglas ...	xbc	bccb	36	49	trace	–	8.6	3.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 22ND MARCH, 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd March, 1934.
1. S.E. England	Light variable wind becoming northerly; cloud increasing, perhaps local rain tonight; normal temperature.
2. E. England...	Light variable wind becoming northerly; mainly fair; local morning mist or fog; normal day temperature, perhaps ground frost in morning.
3. E. Midlands	
4. W. Midlands	As 1.
5. S.W. England	Moderate or light northwest wind; occasional rain, bright intervals and perhaps showers later; normal day temperature, local morning frost.
6. South Wales	Fresh or moderate northwest wind; bright intervals, local showers; temperature about normal.
7. North Wales	
8. N.W. England	
9. N Midlands	As 4.
10. N.E England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Moderate northwest wind, backing; variable cloud, local showers of rain or hail; normal day temperature, local morning frost.
13. A. W Scotld. B. N.W. Scotland.	
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands.	Light or moderate variable wind; variable cloud, occasional rain or showers; rather low temperature.
17. N.W. Ireland	Moderate northwest wind, backing; bright intervals, local showers; temperature about normal.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

H.M. Stationery Office Press, Kingsway, W.C.2. No. 765/2707 500 47. 2,500/34. (No. 908. 22/40 3/34.

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

GENERAL INFERENCE.

A complex trough of low pressure from the Faeroes to Western France is moving slowly east, and filling up over the British Isles. A ridge of high pressure is likely to develop over the country temporarily. After rain or showers at first, chiefly in the North and West, a fair interval is probable.

FURTHER OUTLOOK.

Becoming unsettled after a fair interval.

Forecasts issued at 1018 G.M.T.

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

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

Morning of
Thursday,
22nd MARCH,
1934.

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, 22nd March 1934.

No. 26.418

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1014.6	-6	E'S	1	3o	36	95	6	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1014.3	-4	WNW	2	3o	40	95	6	5	-	-	9	9	1500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1012.6	-2	WSW	2	c	41	95	7	5	-	-	10	10	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1016.2	-18	NW	3	c	43	86	8	4	-	-	7-8	7-8	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1011.3	-44	S'W	5	r r	45	95	6	5	-	-	10	10	1500
	Scilly (St. Mary's)	163	1012.0	-20	NW	6	c/pr	47	96	7	8	-	-	9+	9+	2600
	Guernsey ...	175	1012.9	-16	WSW	1	c	44	75	8	8	-	-	10	10	2500
6	Pembroke ...	142	1009.6	-24	SSW	3	r r	42	95	6	5	-	-	10	10	1500
7	Holyhead ...	26	1011.8	-4	SW	3	r.r.	41	95	6	6	-	-	10	10	800
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1011.5	-2	W'S	3	c	40	75	6	5	2	-	4-6	7-8	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1011.5	-8	NNW	2	c	37	75	6	4	-	-	7-8	7-8	4000
11	Inchkeith ...	190	1012.7	-2	-	0	bc.	36	95	6	5	-	-	4-6	4-6	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Scornoway ...	34	1007.6	-24	S	4	c	41	85	7	5	-	-	10	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1010.5	-8	SSE	4	c	43	95	8	8	3	-	4-6	9	1500
16	Lerwick ...	54	1012.9	-6	S	3	c	43	85	7	8	2	-	7-8	9	1500
17	Blacksod Point	18	1017.1	+34	NW	5	q	44	75	7	9	-	-	10	10	800
18	Malin Head ...	52	1011.0	+32	N'W	4	c/pr	44	85	7	8	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1019.0	[illegible]	NW	5	c/r	43	95	8	9		-	7-8	7-8	1500
	Roches Point ..	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)...	1013.7	+6	-	0	F	31	95	1	5	-	-	10	10	<150	4	*
	Croydon ...	1014.0	+2	SW'W	1	3o	31	95	6	-	3	1	0	1	-	5	*
	S. Farnborough	1013.8	+4	WNW	1	bcf	27	95	3	-	3	1	0	2·3	-	4	*
	Boscombe Down	1013.8	+8	-	0	ir.	33	95	5	5	-	-	9+	9+	1500	1	*
	Calshot (S'thmtn)	1013.6	+2	NNE	1	c	36	85	6	8	3	1	7·8	9	2500	1	0
	Dungeness ...	*	*	SW	1	3o	*	*	5	8	6	*	4·6	7·8	2500	*	0
	Lympne ...	1013.5	-2	SW'W	2	c	37	95	5	5	-	8	7·8	7·8	5700	1	*
2	Shoeburyness	1013.8	+4	NW	1	cf	34	95	3	-	3	-	0	9+	-	4	*
	Felixstowe ...	1013.5	+4	NW	2	3o	36	75	5	1	-	1	2·3	4·6	4000	1	1
	Gorleston ...	1013.9	+8	W	2	bc	37	95	6	4	3	-	2·3	4·6	2500	1	2
	Cranwell ...	1013.7	+8	WSW	2	bc	31	85	6	-	3	2	0	4·6	-	4	*
3	Birmingham ...	1013.7	+8	WSW	1	c	35	85	6	5	7	-	2·3	9+	4000	1	*
	Upper Heyford	1014·3	+8	-	0	c	30	96	6	5	9	6	2·3	7·8	4000	4	*
4	Ross-on-Wye ...	1013.7	+6	W	1	3o	35	95	5	-	1	-	0	9+	-	1	*
5	Portland Bill...	1012.5	-6	W	2	c	42	85	8	5	-	-	10	10	2500	1	2
	Plymouth ...	1011·2	+10	E'N	4	dd	41	95	6	5	-	-	9+	9+	450	1	3
	The Lizard ...	1010.6	0	NW	6	ir.	44	95	7	8	7	-	4·6	7·8	2500	1	4
	Scilly (St. Mary's)	1013·5	+20	N'W	8	q	45	75	6	8	7	-	7·8	9	2500	1	5
	Guernsey ...	1012·3	-4	S	3	ir.	41	85	9	6	-	-	10	10	800	1	3
6	Pembroke ...	1013·2	+28	-	0	r.r.	39	95	6	5·6	-	-	10	10	1500	1	1
7	Holyhead ...	1012·6	+8	NW'N	5	r.r.	43	85	6	6	-	-	10	10	800	1	2
	Chester (Sealand)	1013.7	+14	-	0	ir.	36	95	5	5	2	-	7·8	9+	1500	1	*
8	L'pool (Bidston)	1013·5	+6	-	0	dd	37	95	7	5	1	-	7·8	10	1500	1	*
	Manchester	1013.6	+12	-	0	df	33	95	2	5	-	-	10	10	800	1	*
9	Harrogate ...	1012·9	+6	SW	1	c	36	85	9	5	4	-	9	9+	4000	1	*
10	Spurn Head ...	1011·6	0	W	4	m/f	35	95	4	5	1	-	4·6	4·6	800	0	2
	Catterick ...	1013·1	+10	-	0	c	30	96	8	-	9	-	0	7·8	-	4	*
	Tynemouth ...	1011.4	+10	W	2	c	35	75	6	4	-	-	7·8	7·8	4000	1	1
11	Inchkeith ...	1013.0	+6	WSW	1	3o	37	95	5	5	2	-	4·6	10	1500	0	0
	Leuchars ...	1012·9	+10	SW	1	c	33	85	6	5	4	8	7·8	7·8	5700	4	*
12	Renfrew (Abbotts D	1013.7	+16	WSW	2	c/r	37	95	6	5	2	-	4·6	10	2500	1	*
	Eskdalemuir ...	1013·8	+18	-	0	s→	30	95	6	5	2	-	4·6	10	4000	4	
13A	Tiree	1014.9	+26	NW	5	bc	43	75	8	8	-	8	1	4·6	2500	1	4
13B	Scornoway ...	1012.7	+48	N	4	c/pr	39	95	7	5	6	-	7·8	10	1500	1	2
15	Dalwhinnie ...	1013·2	+4	S	1	3o	33	95	6	4	2	-	7·8	10	800	7	*
	Aberdeen ...	1012·1	+4	W'S	1	bc	32	95	7	-	3	-	0	4·6	-	1	1
	Wick	1011·0	+2	SSW	3	bc	39	85	8	7	1	-	4·6	4·6	2500	1	3
16	Lerwick ...	1012.7	0	SSE	3	r.r.	42	95	7	6	-	-	10	10	800	1	*
17	Blacksod Point	1021.6	+28	NW	4	bc	43	75	8	9	-	-	4·6	4·6	1500	1	3
18	Malin Head ...	1017.6	+22	N'W	4	bc	44	85	7	3	-	-	2·3	2·3	1500	1	2
	Aldergrove ...	1015·9	+28	NW'N	2	c/r	40	95	8	6	2	-	4·6	9	1500	1	*
	Donaghadee ...	1014.4	+20	N	4	r.r.	42	85	7	6	-	-	10	10	800	1	2
19	Birr Castle ...	1018·9	+26	NW	1	bc	37	85	8	5	-	-	2·3	2·3	2500	1	*
20	Valentia Obsy.†	1023.5	+20	NNW	4	jp	44	75	8	9	3	4	4·6	7·8	2500	1	4
	Roches Point ..	1019·3	+30	N	5	bc	42	85	8	3	-	1	2·3	4·6	1500	1	4

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 21st Hrs. (36)
1	London (Kew)...	46	30	22	-	Tr.	0·2
	Croydon ...	45	30	27	0·3	-	0.0
	S. Farnborough	47	26	20	Tr	Tr.	0·3
	Boscombe Down	45	32	27	0·2	Tr.	0.6
	Calshot (S'thmtn)	45	32	27	Tr	-	0.3
	Dungeness ...	45	35	27	Tr	-	*
	Lympne ...	45	38	*	-	-	*
2	Shoeburyness	44	33	25	Tr	-	0.0
	Felixstowe ...	47	32	27	Tr.	-	0.0
	Gorleston ...	46	33	25	Tr	Tr.	0.2
	Cranwell ...	45	36	35	-	-	0.0
3	Birmingham ...	46	30	23	0·1	-	0.5
	Upper Heyford	47	34	21	0·3	-	4·0
4	Ross-on-Wye ...	44	27	19	1	-	*
5	Portland Bill...	51	34	28	-	-	5·0
	Plymouth ...	47	39	*	-	-	*
	The Lizard ...	49	41	39	-	7	9·1
	Scilly (St. Mary's)	48	42	*	-	6	*
	Guernsey ...	47	43	*	-	5	5.4
		49	41	39	-	0·2	8·1
6	Pembroke ...	47	39	*	-	5	7.6
7	Holyhead ...	47	40	39	-	6	8.4
	Chester (Sealand)	46	32	24	-	Tr.	9.2
8	L'pool (Bidston)	46	35	34	-	Tr.	9.3
	Manchester	49	30	22	Tr	0.1	6·5
9	Harrogate ...	46	30	25	-	-	1·7
10	Spurn Head ...	46	35	*	Tr	-	1·2
	Catterick ...	45	27	23	-	-	2·8
	Tynemouth ...	43	34	31	-	-	*
11	Inchkeith ...	48	36	31	-	-	10.1
	Leuchars ...	52	27	18	-	-	10.1
12	Renfrew (Abbotts D	49	36	31	0·1	1	8·6
	Eskdalemuir ...	49	24	21	-	Tr.	9.9
13A	Tiree	46	40	38	Tr	5	5.0
13B	Scornoway ...	44	38	*	-	3	4·2
15	Dalwhinnie ...	44	30	23	-	1	7.2
	Aberdeen ...	46	31	27	Tr	-	3·2
	Wick	45	39	*	-	-	*
16	Lerwick ...	45	41	*	Tr	1	5.5
17	Blacksod Point	47	41	*	7	3	*
18	Malin Head ...	46	40	*	2	5	1·5
	Aldergrove ...	49	38	36	-	7	6.4
	Donaghadee ...	48	33	*	-	4	*
19	Birr Castle ...	48	36	32	0·4	7	4·6
20	Valentia Obsy.†	50	42	39	3	2	1·5
	Roches Point ..	49	41	*	0·1	9	*

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	cm.	cm.	cb/o/f/x	46	30	22	-	Tr.	0·2	*	*	1
Croydon	217	cr/o/f	dd/r/cm	cb/m/w/x	45	30	27	0·3	-	0.0	*	*	4
Greenwich (Royal Observatory) ...	149	c/dm	cm.	cm/b/c/b/f	46	33	28	Tr.	-	0.0	80	73	3
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	47	32	27	3·8		0.1	66	79	*
1 Regents Pk. (Botanic Gardens) ...	129	*	*	*	46	32	25	0·1	-	0.1	88	85	*
Camden Square	110	c	cpc	*	45	33	28	Tr.	-	*	*	89	*
Kensington	80	oc	c	*	46	33	26	Tr.	-	0.1	At 18h. 78	86	*
Hampstead Observatory	450	o/d	oc	o/x/m	43	30	25	Tr.	0.1	0.2	*	80	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 21st March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 22nd March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1015.1	-	-	-	45	1015.7	W	2	3o	41
Brussels	1013·2	WNW	3	c	43	1013·9	WSW	2	f	41
Berlin	1011.0	E	1	ir.	46	1011·1	W	1	m	45
Zürich	1014·6	WSW	1	bc	45	1016·3	SSE	1	o/r	37
Rome	1015·8	SW	5	bc	57	1015·5	SE	4	c	55

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
1.0	21h 21m	<0.3	0-7h, 22-24

Kew Observatory.

Max.	Time.	Min.	Time.
0.6	13h 21m	0·1	12h.21m

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
46	39	0·2	-
46	41	-	1
55	43	0·3	0.4
52	34	1	3
*	*	Tr.	0.1

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 23rd March 1934.

No. 24,419.

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

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)	1015·4	-4	W'S	2	c	47	55	6	8	-	2	7-8	9+	4000
	Croydon	1014·9	+2	W	2	3c	47	55	6	8	5	5	4·6	9	2500
	S. Farnborough	1014·6	-2	NW	3	c	48	55	8	8	-	6	7-8	9+	4000
	Boscombe Down	1015·2	+2	WNW	2	c	43	75	9	8	2	-	4·6	10	1500
	Calshot, S'thmtn	1015·4	+2	W	2	c	47	65	7	2	7	-	4·6	9+	4000
	Dungeness			SW	2	c			5	8	3	-	4·6	7-8	2500
	Lympne	1014·0	-2	SW	2	bc	50	65	7	8	-	1	4·6	4·6	2500
2	Shoeburyness	1014·2	+2	NNW	1	c	49	55	7	7	6	-	2·3	7-8	4000
	Felixstowe	1014·1	0	SE	3	3c	48	55	5	7	-	1	4·6	4·6	4000
	Gorleston	1013·7	+2	WNW	3	bc	49	55	7	8	-	-	4·6	4·6	2500
	Cranwell	1014·6	+2	WNW	2	3c	42	75	4	5	2	-	7-8	9+	2500
3	Birmingham	1015·5	+10	NW	2	c	41	85	4	6	-	-	9+	9+	1500
	Upper Heyford	1015·4	+2	NW	3	c	44	75	7	6	1	-	4·6	9+	2500
4	Ross-on-Wye	1015·9	+8	N	2	10	42	85	7	4	6	-	10	10	4000
5	Portland Bill	1016·1	+10	NW	2	c	45	85	8	5	-	-	10	10	1500
	Plymouth	1016·8	+14	WNW	6	c	44	85	8	9	1	-	9	10	1500
	The Lizard	1013·1	+14	N	7	9	47	75	8	8	-	-	9	9	2500
	Scilly (St. Mary's)	1020·4	+20	NW	7	bc	48	65	7	2	-	3	2·3	4·6	2500
	Guernsey	1016·2	+24	ENE	1	c/r	44	85	8	8	-	-	10	10	1500
6	Pembroke	1016·8	+12	N	4	9	48	65	8	8	8	-	4·6	4·6	5700
7	Holyhead	1017·6	+22	NW	5	bc/pr	46	85	7	4	3	-	2·3	4·6	2500
	Chester (Sealand)	1017·0	+16	NW	4	r	41	95	6	6	2	-	9	10	1500
8	L'pool (Bidston)	1016·8	+10	NNW	3	0	41	95	6	5	-	-	10	10	1500
	Manchester	1016·3	+14	NW	3	r	41	95	5	6	-	-	10	10	800
9	Harrogate	1014·3	+6	W	1	c	45	65	8	7	1	8	7-8	9	4000
10	Spurn Head	1013·7	+4	NW	3	c	45	75	6	3	7	-	4·6	7-8	4000
	Catterick	1014·6	+6	NW	3	c	45	85	8	1	-	7	2·3	10	4000
	Tynemouth	1013·6	+8	NNE	2	bc	44	85	7	2	-	-	4·6	4·6	2500
11	Inchkeith	1015·0	+8	NW	3	c	43	85	7	8	2	-	7-8	10	2500
	Leuchars	1014·8	+10	NW	3	r	45	75	8	6	1	-	2·3	9+	1500
12	Renfrew (Abbotsl.)	1015·5	+10	NW	4	c	48	55	9	8	-	-	9+	9+	4000
	Eskdalemuir	1014·9	+6	NW	4	c	43	75	7	5	-	8	7-8	9+	2500
13A	Tiree	1019·3	+16	NNW	5	bc	47	65	8	8	-	3	2·3	2·3	2500
13B	Stornoway	1017·0	+20	NW	4	bc	46	65	8	2	7	-	4·6	4·6	2500
15	Dalwhinnie	1016·9	+24	NW	3	c	39	95	8	4	4	-	7-8	9	800
	Aberdeen	1014·5	+14	NNE	2	c	43	55	7	8	3	9	2·3	7-8	4000
	Wick	1014·9	+16	WNW	3	c	44	95	8	8	-	-	7-8	9+	1500
16	Lerwick	1013·5	+4	SW	3	c/jp	44	85	7	8	3	-	7-8	10	800
17	Blacksod Point	1024·2	+24	W	4	bc	48	65	9	2	-	4	2·3	4·6	2500
18	Malin Head	1020·1	+16	NW	4	bc	45	85	8	2	-	3	1	2·3	1500
	Aldergrove	1019·7	+12	NW	5	c	47	65	9	8	-	-	7-8	7-8	2500
	Donaghadee	1018·5	+12	N	4	q	47	65	8	8	3	-	2·3	4·6	2500
19	Birr Castle	1023·2	+6	NW	2	c/shr	42	85	8	3	-	8	4·6	7-8	2500
20	Valentia Obsy.	1026·7	+12	NW	5	c	47	55	8	8	-	6	7-8	9	1500
	Roches Point	1022·2	+6	N	5	bc	49	55	8	8	-	-	4·6	4·6	1500

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

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)	1017·8	+30	NNE	3	c	45	65	5	5	-	-	7-8	7-8	4000	1	•
	Croydon	1017·2	+20	NW	3	3c	46	65	5	7	7	8	4·6	7-8	4000	1	•
	S. Farnborough	1018·0	+18	NW	2	3c	44	75	6	7	5	8	9	10	5700	1	•
	Boscombe Down	1018·3	+22	NW	3	c/r	42	85	7	8	-	8	4·6	7-8	1500	1	•
	Calshot, S'thmtn	1018·1	+22	NW	3	c	44	85	6	8	7	-	4·6	9	4000	1	-
	Dungeness			SW	3	c			8	8	-	-	9+	9+	1500	•	2
	Lympne	1016·5	+18	NW	2	c	44	55	6	8	-	-	9	9	4000	1	-
2	Shoeburyness	1017·0	+22	NNE	1	bc	43	65	7	4	2	-	4·6	4·6	4000	1	•
	Felixstowe	1016·6	+20	N	2	c	45	65	6	5	4	-	7-8	7-8	4000	1	1
	Gorleston	1016·3	+12	NNE	1	bc	45	65	6	4	-	-	4·6	4·6	2500	1	2
	Cranwell	1017·2	+18	NW	2	3c	42	75	6	1	6	-	1	2·3	4000	1	•
3	Birmingham	1018·8	+14	NW	3	c	41	85	5	4	3	-	4·6	9	2500	1	•
	Upper Heyford	1018·8	+28	NW	3	3c	42	85	5	5	-	-	9+	9+	1500	1	•
4	Ross-on-Wye	1019·1	+14	NW	1	c/pr	43	75	6	8	1	-	9	9	2500	1	•
5	Portland Bill	1019·0	+24	NNE	3	c	43	95	7	8	-	-	10	10	1500	1	3
	Plymouth	1020·2	+30	NNE	6	c	45	65	7	8	3	-	4·6	7-8	2500	1	3
	The Lizard	1022·0	+24	NNE	4	c	45	75	8	8	7	-	2·3	7-8	2500	1	3
	Scilly (St. Mary's)	1023·2	+12	NNE	6	bc	47	65	7	2	5	5	2·3	4·6	2500	1	4
	Guernsey	1018·2	+18	NNE	2	c	43	95	8	8	-	-	9+	9+	1500	1	2
6	Pembroke	1020·3	+18	N	1	c	45	65	7	7	2	1	7-8	9	4000	1	1
7	Holyhead	1021·0	+18	NNE	5	c	45	75	8	4	-	6	7r	7-8	2500	1	3
	Chester (Sealand)	1019·4	+18	NNW	4	c	44	85	7	5	-	-	9	9	1500	1	•
8	L'pool (Bidston)	1019·4	+8	NNE	4	c	43	75	8	5	-	-	4·6	7-8	4000	0	•
	Manchester	1018·0	+14	NNE	3	3c	44	85	6	5	-	-	9+	9+	4000	1	•
9	Harrogate	1017·3	+26	W	1	c	43	75	7	5	-	-	9+	9+	4000	1	•
10	Spurn Head	1016·1	+8	NW	3	c	43	85	7	5	2	-	4·6	9+	4000	0	2
	Catterick	1017·6	+22	NNW	2	c	43	75	7	9	-	-	9+	9+	4000	1	•
	Tynemouth	1016·7	+20	NNE	3	bc	43	85	7	9	-	-	4·6	4·6	1500	1	2
11	Inchkeith	1019·1	+36	N	1	c	43	95	8	5	-	-	9+	9+	4000	0	1
	Leuchars	1018·9	+24	N	2	c	44	65	8	5	-	-	7-8	7-8	4000	1	•
12	Renfrew (Abbotsl.)	1019·4	+22	NNW	1	c	44	65	8	8	-	6	4·6	7-8	5700	1	•
	Eskdalemuir	1019·2	+26	NNW	4	c	39	85	8	5	-	-	7-8	7-8	2500	1	•
13A	Tiree	1021·8	+12	NW	4	bc	43	75	8	2	5	6	1	4·6	2500	0	3
13B	Stornoway	1019·7	+10	NW	1	bc	44	65	8	8	7	2	2·3	4·6	2500	1	6
15	Dalwhinnie	1018·9	+20	NW	2	c	39	95	8	4	4	-	4·6	7-8	2500	6	•
	Aberdeen	1018·4	+18	NNW	3	bc	44	75	7	7	3	-	2·3	4·6	2500	1	1
	Wick	1016·9	+16	WNW	4	bc	43	95	8	7	3	-	2·3	4·6	2500	1	2
16	Lerwick	1015·2	+8	SW	2	c	44	85	7	5	3	9	4·6	7-8	1500	1	•
17	Blacksod Point	1025·2	+2	W	2	c	45	65	9	7	5	-	4·6	7-8	2500	0	3
18	Malin Head	1022·2	+12	NW	3	bc	44	85	8	2	-	2	2·3	4·6	1500	1	•
	Aldergrove	1022·4	+16	NW	5	c	44	65	8	2	-	2	2·3	9	2500	1	•
	Donaghadee	1021·3	+8	NNW	4	q	45	75	8	8	3	-	4·6	4·6	1500	8	2
19	Birr Castle	1024·4	+10	NW	2	c	47	55	8	1	-	8	2·3	7-8	2500	1	•
20	Valentia Obsy.	1027·5	+6	NNW	4	c	46	75	9	5	3	-	Tr	9+	2500	1	3
	Roches Point	1025·0	+20	N	5	bc	47	65	8	5	-	-	4·6	4·6	1500	1	4

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–18h. 22nd (37)	Weather. 18h.–18h. 22nd (38)	Weather. 18h. 22nd to 1h. 23rd (39)	Weather. 1h.–7h. 23rd (40)
London (Kew)	bfcm.	cycm.	bm.	ofjx
Croydon	bcc3.6y	cbc3.4	cbm.	bomx
S. Farnborough	bfbcc	cyo3.	cbx	bbcx
Boscombe Down	ccr.	cir.bc	bcb	bcxm.
Calshot, S'thmtn	cmbcm.	bcr.c		bx
Dungeness	bc	o	•	f-3
Lympne	cbcm.	bcc3.	cbm.	bbcmx
Shoeburyness	cfbm	bc	bc	bmx
Felixstowe	bc3.4	bcyrc3	c3.c	cmcm
Gorleston	bc3.	bc	bcc	c3.
Cranwell	bccm	f3b3.	cbcbm	bcbmx
Birmingham	ccr.	cr.c	c	cbcm
Upper Heyford	c	cr.	c bcc	com.
Ross-on-Wye	cmdscr	r.op.	pcbc	bcbx
Portland Bill	ccr.	ccr.	cbc	b
Plymouth	cr.r.cr.	ccr.bc	bc	bccw.
The Lizard	cpr.q	bcqc	cbc	bcc
Scilly (St. Mary's)	cbc	bc	bcc	cir.
Guernsey	ccr.	ocr.c	oidsh	bwbc
Pembroke	cir.qbc	bcqc	c	c
Holyhead	r.r.opr.	b	c	c
Chester (Sealand)	d.omr.	r.c	bcc	bcxm.
L'pool (Bidston)	r.d.co	c	cbc	bcw
Manchester	cofr.	cr.m.	cm.bc	bbcfx
Harrogate	c	cbc	cb	bcbx
Spurn Head	fc	bc	bc	c3
Catterick	cy	cybcc	cbc	c
Tynemouth	cb'c	bc	c	cbc
Inchkeith	rr3.c	c	cbc	bc3.x
Leuchars	cxcr.m.	cr.r.v	b bcx	bccxm.
Renfrew (Abbotsl.)	cr.cu	pr.cvy	cbx	bxcf
Eskdalemuir	shrsc.	cpr.	cbcx	bxbcx
Tiree	bcb	bbc	bcw.c	bc
Stornoway	pr.bo	bc	bcc	c
Dalwhinnie	c	bc	•	c
Aberdeen	bc3.bcy	bcybc	b bc	bccx
Wick	bcc	pr.bc	bc	bc
Lerwick	cr.r.cpr	c	cbc	bcc
Blacksod Point	pr.w	bc	R	R
Malin Head	bc	bcpr.	c	c
Aldergrove	bccpr	bcvcjp	c	c
Donaghadee	bcbcq	bcq	cpr.c	c
Birr Castle	bcphr	cy	c	cxorr
Valentia Obsy.	phrqc	cbcyc	cir rr	crrirc
Roches Point	bcy	p.bc	bcc	corr

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

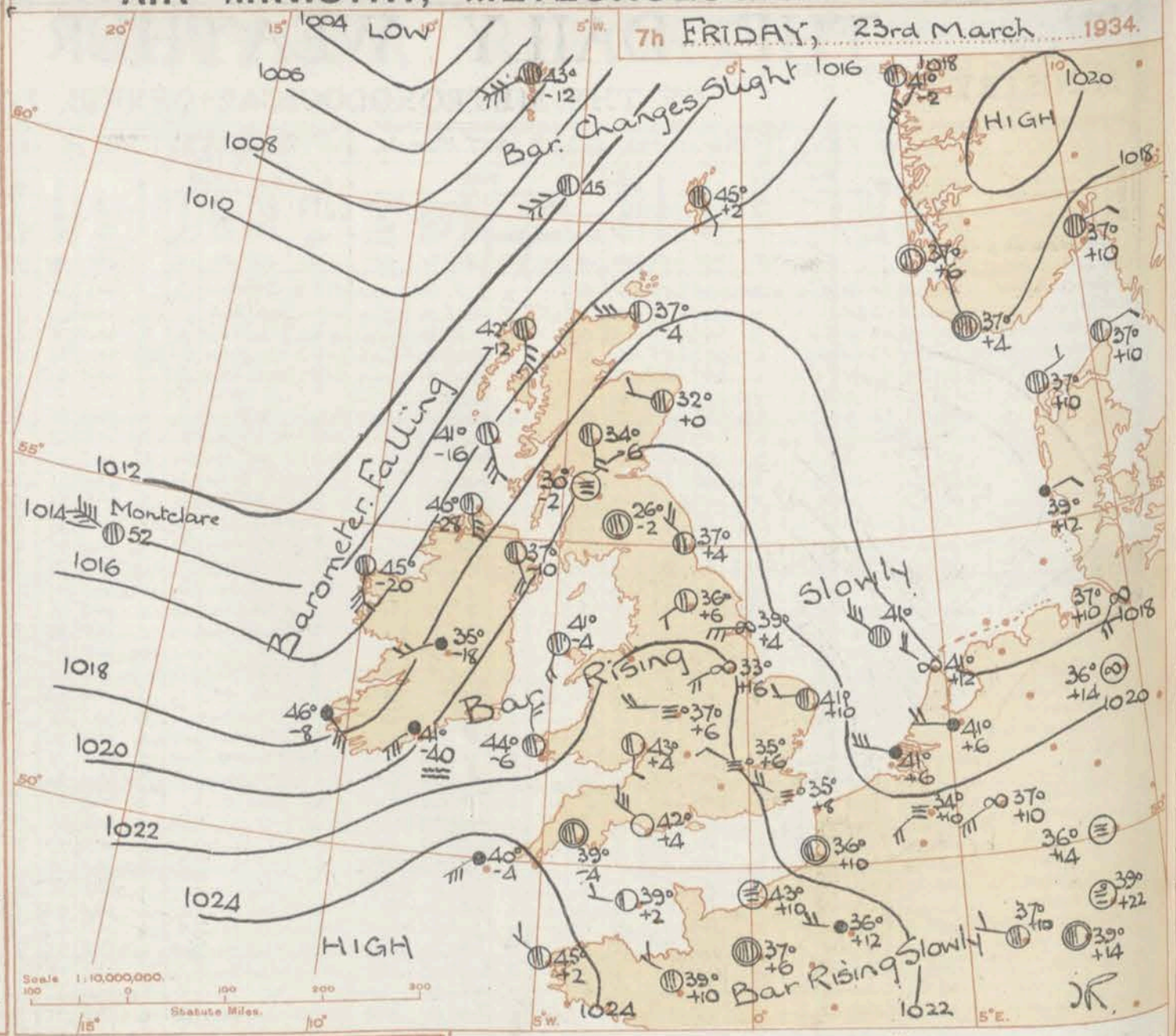
REPORTS from HEALTH RESORTS for 22nd MARCH 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 21st to 9h. 22nd	Temperature. Max. 9h.—17h. 22nd	Rainfall. Night. 17h. 21st to 9h. 22nd	Rainfall. Day. 9h.—17h. 22nd	Sunshine. Sunrise to 17h. 22nd	Sunshine. Sunrise to Sunset. 21st
1	Tunbridge W.	bbc	bcb	28	49	-	-	8·0	0·0
	Bournemouth	o	ocdo	35	46	1	0·3	0·1	3·8
	Ventnor ...	orbou	copcw	39	49	0·5	0·5	2·1	1·6
	Southsea ...	ocbc	c	34	49	-	-	1·5	0·1
	Bognor Regis	bcbc	bccbc	33	49	-	-	3·7	0·7
	Littlehampton	bc	bc	31	48	-	-	3·0	0·0
	Worthing ...	bc	bcc	32	49	-	-	4·1	0·1
	Brighton ...	bc	bcb	32	47	-	-	4·9	0·0
	Eastbourne†	b	bbcb	36	50	-	-	8·4	0·0
	Hastings† ...	bbc	bcc	38	49	Trace	-	7·4	0·0
	Folkestone ...	bbc	b	36	49	-	-	5·7	0·0
	Dover... ...	bc	bcy	36	49	-	-	6·2	0·0
	Deal	cbcb	c	36	50	-	-	4·4	0·0
	Ramsgate ...	bcbm	bm	37	50	-	-	6·8	0·0
	Margate ...	b,bc	bcc	37	50	-	-	6·6	0·0
2	Southend ...	bf	bbcm	36	50	Trace	-	6·2	0·0
	Maldon ...	b	bbc	32	50	-	-	7·2	0·1
	Clacton-on-Sea	cbc	bcy	35	50	-	-	9·2	0·0
	Dovercourt ...	bbc	bc	34	52	-	-	8·7	+0·7
	Lowestoft ...	bc	bcc	33	51	-	-	6·8	0·0
	Skegness ...	bbco	bco	31	47	-	-	6·5	0·0
	Mablethorpe	bcm	bccm	31	48	-	-	6·9	0·0
	Cleethorpes...	bc	co	32	49	-	-	5·7	0·2
3	Leamington S.	co	prc	27	45	-	0·4	0·0	0·9
4	Cheltenham†	ornep	opc	31	44	-	0·5	0·1	3·2
5	Bath	roc	roc	36	44	Trace	1	0·0	2·8
	Weymouth ...	ccr	roc	37	45	0·2	1	0·0	5·0
	Jersey ...	c	cpc	41	47	-	Trace	0·0	5·5
	Torquay ...	ordm	pocq	40	47	3	3	0·0	9·9
	Penzance ...	ccbcb	bbcb	43	51	10	-	4·9	6·0
	St. Ives ...	c	b	41	47	9	-	3·8	3·2
	Bude	r	rcbc	44	46	4	2	1·1	7·5
	Ilfracombe ...	ro	ocbc	39	47	6	1	0·8	8·2
6	Aberystwyth	errc	bcpbc	37	45	4	2	3·8	9·6
7	Llandudno ...	roc	cbcb	39	48	3	1	2·0	8·7
	Colwyn Bay...	rro	obc	39	46	3	0·5	1·5	9·2
	Rhyl	orde	dbc	37	45	2	2	0·9	9·6
8	Wallasey ...	ir	rcbc	38	45	2	1	0·9	9·6
	Southport‖ ...	ro	cbc	36	46	3	1	1·9	9·4
	Blackpool ...	orc	c	36	46	3	1	2·1	9·3
	Morecambe ...	dcd	dbcc	34	45	2	0·3	0·2	10·5
9	Ilkley... ...	o	cbcc	29	47	Trace	-	1·9	3·5
10	Berwick-on-T.	bcc	cbc	30	45	-	-	5·3	7·4
11	Dunbar ...	cmx	bc	29	45	-	-	0·0	5·9
12	Troon... ...	cbroc	cbc	38	51	3	-	5·3	8·5
	Douglas ...	ocs,cb	bcq	38	47	5	0·5	6·4	8·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h FRIDAY, 23rd March 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Wind southwest, light or moderate, fresh locally later; mainly cloudy, probably rain or drizzle tonight; becoming milder.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind between south and west, moderate or fresh, strong locally on coast; dull or cloudy, rain or drizzle; local coastal fog; becoming milder.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 3.
12. S.W. Scotland & Isle of Man 13. {A. W Scotld. B. N.W. Scotland. 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Wind southerly, moderate or fresh, veering; cloudy, occasional rain, perhaps snow on hills; showers tomorrow; temperature about normal.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwest or west, moderate or fresh; dull or cloudy, occasional drizzle or rain; local fog on Southwest coast; milder.

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

GENERAL INFERENCE.

A wedge of high pressure over England will give way as a trough of low pressure moves east from west of Ireland. Rain or drizzle will occur in most districts but not till evening in Eastern England. Weather will become milder in the South.

FURTHER OUTLOOK.

Unsettled; milder in the South.

Forecasts issued at 1010 G.M.T.

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

H.M.Stationery Office Press, Kingsway, W.C.2. No. 765/2707 No. 47. 8,500/34. 908. 23/140. 3/34.

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

Morning of
Friday.
23rd MARCH.
1934.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 23rd March 1934.

No. 26,412

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

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	1021.0	+6	W	1	3o	36	95	5	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot,(S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1020.3	+6	NNW	3	3o	37	85	5	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1018.6	+4	WNW	2	c	41	86	6	5	-	-	10	10	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill....	32	1021.9	+2	NNW	3	b	40	86	8	-	-	-	0	0	-
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1024.6	0	NNW	2	bc	40	95	8	4	1	1	4.6	4.6	4000
	Scilly(St.Mary's)	163	1026.0	-2	NW	3	c	44	76	7	2	7	-	2.3	7.8	4000
	Guernsey ...	175	1022.6	+4	NW	2	b	43	86	8	-	-	-	0	0	-
6	Pembroke ...	142	1022.5	+4	N	2	c	43	76	7	5	1	-	2.3	10	5700
7	Holyhead ...	26	1022.6	0	NW	4	c	43	85	7	-	1	8	0	9	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1019.2	+2	WN	4	c	40	95	6	5	2	-	7.8	10	2500
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1019.9	0	W	2	c	41	85	7	4	-	-	7.8	7.8	4000
11	Inchkeith ...	190	1021.2	+2	WSW	1	bc	37	95	6	5	-	-	2.3	2.3	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew(Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1018.2	-22	SW	1	c	39	85	7	8	6	-	7.8	9	2500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1018.9	-2	W	2	bc	34	95	8	5	1	-	1	2.3	2500
16	Lerwick ...	54	1016.6	0	NNW	1	bc	41	95	7	5	3	-	2.3	4.6	2500
17	Blacksod Point	18	1020.2	-28	SW	4	RR	41	95	7	6	-	-	10	10	460
18	Malin Head ...	52	1020.2	-20	S	2	c	40	95	8	-	-	7	0	3+	-
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1024.3	-20	WN	2	rr	46	95	7	6	-	-	10	10	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)...	1022.3	+6	NWN	1	F	34	85	1	5	-	-	10	10	<150	4	*
	Croydon ...	1021.9	+4	NW	1	m	35	95	4	5	-	-	10	10	450	1	*
	S. Farnborough	1022.5	+4	W	1	fg	30	95	6	5	-	-	4.6	4.6	5700	4	*
	Boscombe Down	1022.5	+6	WNW	1	3o	33	95	5	-	3	4	0	2.3	-	0	*
	Calshot,(S'thmtn)	1022.4	+6	NWN	2	b	35	85	7	-	-	-	0	0	-	0	1
	Dungeness ...	*	*	NW	2	bcf	*	*	2	5	-	*	2.3	2.3	1500	*	0
	Lympne ...	1021.3	+8	NWN	2	m	35	95	4	5	-	-	2.3	2.3	7200	1	*
2	Shoeburyness	1021.6	+6	WNW	1	m	35	95	4	-	4	-	0	1	-	4	*
	Felixstowe ...	1020.8	+12	WNW	2	m	37	95	4	5	-	-	9+	9+	4000	1	1
	Gorleston ...	1020.6	+10	WN	1	c	41	95	6	5	-	-	10	10	2500	1	2
	Cranwell ...	1021.7	+16	WS	2	m	33	95	4	5	2	1	1	2.3	4000	1	*
3	Birmingham ...	1022.3	+6	WNW	2	m	37	95	4	-	3	-	0	4.6	-	1	*
	Upper Heyford	1022.5	+4	N	1	c	37	95	6	5	-	-	9+	9+	1500	1	*
4	Ross-on-Wye ...	1022.4	+4	S	1	bc	33	95	8	2	7	9	Tr.	2.3	4000	1	*
5	Portland Bill....	1022.3	+4	NNW	3	b	42	85	8	-	-	-	0	0	-	1	2
	Plymouth ...	1023.5	-4	-	0	c	39	95	8	-	3	-	0	3	-	1	1
	The Lizard ...	1023.8	-6	WSW	2	c	43	85	8	3	2	-	2.3	9+	2500	1	2
	Scilly(St.Mary's)	1024.5	-4	WS	3	rr	40	95	7	6	-	-	9+	9+	2500	1	2
	Guernsey ...	1023.1	+2	NW	1	bc	39	95	7	1	3	-	1	2.3	4000	1	2
6	Pembroke ...	1021.1	-6	N	2	c	44	75	7	4	1	-	4.6	7.8	4000	1	1
7	Holyhead ...	1021.0	-4	SW	2	c	41	85	8	5	-	-	7.8	7.8	5700	1	1
	Chester (Sealand)	1022.0	+2	W	1	3o	33	95	6	5	4	-	7.8	7.8	5700	1	*
8	L'pool (Bidston)	1022.0	+2	W	2	bc	39	95	7	5	5	-	2.3	4.6	2500	1	*
	Manchester	1021.8	+4	SE	1	bcf	33	95	2	-	-	9	0	4.6	-	4	*
9	Harrogate ...	1021.2	+6	SW	1	bc	36	85	8	-	3	4	0	2.3	-	1	*
10	Spurn Head ...	1020.4	+4	W	3	3o	39	95	5	6	2	-	4.6	7.8	1500	0	2
	Catterick ...	1021.3	+6	WN	1	c	35	85	7	5	-	-	9	9	2500	1	*
	Tynemouth ...	1020.4	+4	NNW	2	bc	37	75	6	4	-	-	4.6	4.6	4000	1	2
11	Inchkeith ...	1020.2	-4	WSW	1	3o	36	95	5	5	3	-	4.6	9+	800	4	0
	Leuchars ...	1020.2	0	W	1	c	29	85	6	6	3	1	9	9	7200	4	*
12	Renfrew(Abbotts I)	1020.2	-2	-	0	cf	30	95	3	-	3	8	0	9+	-	4	*
	Eskdalemuir ...	1021.8	-2	-	0	c	26	95	8	-	3	-	0	7.8	-	4	*
13A	Tiree	1016.0	-16	SE	4	c	41	85	8	2	7	-	Tr.	10	2500	0	3
13B	Stornoway ...	1015.3	-12	S	4	c	42	85	8	8	6	-	4.6	10	2500	1	2
15	Dalwhinnie ...	1018.9	-6	S	2	c	34	95	8	4	-	-	9	9	4000	6	*
	Aberdeen ...	1019.5	0	WNW	1	c	32	95	6	-	3	-	0	9	-	4	1
	Wick	1017.5	-4	W	3	bc	37	95	8	5	1	-	2.3	4.6	2500	1	2
16	Lerwick ...	1015.8	+2	SE	1	c	45	85	8	5	3	-	4.6	7.8	1500	1	*
17	Blacksod Point	1013.4	-20	S	4	c	45	95	8	5	-	-	10	10	800	1	3
18	Malin Head ...	1015.2	-28	S	3	c	40	95	8	5	7	-	1	10	1500	1	1
	Aldergrove ...	1019.2	-10	SE	2	c	37	85	8	-	7	-	0	10	-	1	*
	Donaghadee ...	1019.5	-10	SW	2	c	38	85	7	8	3	-	4.6	7.8	1500	0	1
19	Birr Castle ...	1018.5	-18	WSW	2	rr	35	95	7	6	-	-	10	10	2500	1	*
20	Valentia Obsy.†	1017.8	-8	SE	3	c/r	46	95	8	6	2	-	7.8	10	1500	1	3
	Roches Point...	1019.9	-40	SW	3	rr	41	95	76	6	-	-	10	10	1500	1	5

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 22.7 Hrs. (36)
1	London (Kew)...	48	32	24	-	Tr.	6.0
	Croydon ...	49	31	28	-	-	5.7
	S. Farnborough	49	28	21	-	Tr.	4.8
	Boscombe Down	44	31	28	Tr.	-	0.3
	Calshot,(S'thmtn)	48	33	27	Tr.	Tr.	0.4
	Dungeness ...	49	29	*	-	-	*
	Lympne ...	51	33	31	-	-	6.6
2	Shoeburyness	50	33	27	-	-	5.2
	Felixstowe ...	51	37	29	-	-	9.9
	Gorleston ...	51	39	37	-	-	8.6
	Cranwell ...	46	32	29	-	-	4.4
3	Birmingham ...	42	36	29	0.2	-	0.1
	Upper Heyford	44	37	31	Tr.	-	*
4	Ross-on-Wye ...	44	32	23	1	0.3	0.4
5	Portland Bill....	46	36	*	1	Tr.	*
	Plymouth ...	47	39	35	1	-	2.5
	The Lizard ...	48	39	*	0.1	-	*
	Scilly(St.Mary's)	48	40	*	-	2	8.1
	Guernsey ...	45	39	31	0.5	0.1	0.0
6	Pembroke ...	49	39	*	1	-	5.1
7	Holyhead ...	47	37	30	2	-	4.9
	Chester (Sealand)	44	30	22	3	-	0.1
8	L'pool (Bidston)	45	36	31	2	-	1.1
	Manchester	46	31	23	2	-	0.0
9	Harrogate ...	48	33	28	-	-	4.5
10	Spurn Head ...	47	38	*	-	-	5.7
	Catterick ...	47	34	30	-	-	4.3
	Tynemouth ...	45	36	31	-	-	*
11	Inchkeith ...	45	35	25	1	-	0.0
	Leuchars ...	47	28	19	Tr.	-	0.2
12	Renfrew(Abbotts I)	50	27	20	0.1	-	1.5
	Eskdalemuir ...	44	23	19	1	-	0.5
13A	Tiree	47	35	27	-	-	8.6
13B	Stornoway ...	47	35	*	0.2	-	6.5
15	Dalwhinnie ...	42	22	10	Tr.	-	3.0
	Aberdeen ...	49	32	24	-	-	6.1
	Wick	46	31	*	Tr.	-	*
16	Lerwick ...	45	39	*	1	-	0.7
17	Blacksod Point	48	39	*	-	9	*
18	Malin Head ...	46	38	*	Tr.	-	2.5
	Aldergrove ...	43	35	29	0.1	-	7.0
	Donaghadee ...	44	33	*	1	0.2	*
19	Birr Castle ...	49	34	24	1	5	8.2
20	Valentia Obsy.†	49	42	43	0.2	10	7.1
	Roches Point...	50	37	*	Tr.	9	*

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	bfcm	cycm	bmofx	48	32	24	-	Tr.	5.0	*	*	2
Croydon	217	bcz@y	cbz3y	cbwomx	49	31	28	-	-	5.7	*	*	1
Greenwich (Royal Observatory) ...	149	bfcy	cy	cbxf	51	33	25	-	Tr.	4.1	53	98	2
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2.7	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	51	33	28	-		4.2	45	97	*
†Regents Pk. (Botanic Gardens) ...	128	*	*	*	49	34	27	-	-	4.7	54	100	*
Camden Square	110	x bc	cbcc	*	51	35	29	-	-	*	*	98	*
Kensington	80	bcmbc	cbc	*	50	34	27	-	-	4.6	At 18h. 66	94	*
Hampstead Observatory	450	bc	bc	bcomx	50	32	23	-	Tr.	6.7	*	94	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
1.0	9h. 22nd	<0.3	4-5h. 23rd

Kew Observatory. Max.	Time.	Min.	Time.
0.6	22h. 22nd	0.1	12h. 22nd

FOREIGN OBSERVATIONS.

18h. G.M.T. 22nd March

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1017.1	-	0	3o	45
Brussels	1016.8	-	0	c/r	41
Berlin	1014.7	NW	2	bc	46
Zürich	1016.7	S	1	c	43
Rome	1014.1	-	0	ir	54

7h. G.M.T. 23rd March

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1022.5	WNW	2	df	36
Brussels	1020.6	SSW	2	f	34
Berlin	1019.4	-	0	cf	41
Zürich	1019.8	NW	1	0	41
Rome					

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	48	32	Tr.	-
Brussels	45	32	0.3	0.1
Berlin	54	34	-	-
Zürich	50	39	0.3	-
Rome	*	*	1	

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 24th March 1934.

No. 26,420.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1021·9	-4	W	2	bc	47	65	6	1	-	9	1	4·6	4000
	Croydon	1021·5	-10	NW	1		51	55	6	1	-	9	1	2·3	4000
	S. Farnborough	1021·7	-10	NNW	3	3o	49	55	6	2	-	9	7-8	7-8	4000
	Boscombe Down	1021·8	-10	NNW	2	bc	51	55	6	2	-	9	4·6	4·6	4000
	Calshot, S'thmtn	1022·1	-4	S'W	3	c	58	75	6	2	-	4·	4·6	7-8	4000
	Dungeness			SW	1	f S			55						
	Lympne	1021·5	0	NNW	1	3o	49	55	6	2	7·	9	2·3	7-8	1500
2	Shoeburyness	1021·9	-4	NNW	2	bc	51	65	7	7	-	-	4·6	4·6	4000
	Felixstowe	1021·6	0	N	2	c	49	65	7	7	-	-	7-8	7-8	2500
	Gorleston	1022·1	+8	N'E	3	c	45	55 85	6	5	-	-	10	10	2500
	Cranwell	1021·3	-6	-	0	3o	49	65	6	2	-	9	4·6	7-8	4000
3	Birmingham	1020·8	-4	W	1	c	47	65	8	8	3	-	4·6	7-8	4000
	Upper Heyford	1021·5	-14	W	2	c	48	65	7	8	-	6	7-8	9	1500
4	Ross-on-Wye	1020·6	0	WSW	1	c	51	45	8	2	-	-	2·3	7-8	4000
5	Portland Bill	1022·3	0	NW	3	bc	46	85	7	5	4	-	4·6	4·6	2500
	Plymouth	1022·6	-6	SW'W	3	c	46	85	8	5	7	-	2·3	10	1500
	The Lizard	1022·6	-12	NNW	2	c	44	95	8	8	2	-	9	10	2500
	Scilly (St. Mary's)	1021·6	-14	SSW	4	cd	44	95	8	5	-	-	9+	9+	1500
	Guernsey	1022·9	-4	NW	2	c	49	55	8	1	7	8	2·3	7-8	2500
6	Pembroke	1019·2	-6	S	2	c	44	85	7	5	-	-	10	10	2500
7	Holyhead	1020·0	-6	SSW	4	c	46	75	8	6	2	-	4·6	10	1500
	Chester (Sealand)	1020·6	-14	SE	2	c	51	55	8	1	4	6	4·6	7-8	4000
8	L'pool (Bidston)	1020·3	-8	SSE	2	bc	49	55	8	2	-	8	2·3	4·6	4000
	Manchester	1020·4	-14	WSW	2	c	49	55	7	2	3	-	4·6	7-8	4000
9	Harrogate	1020·0	-6	S	2	c	48	55	7	5	3	-	2·3	9+	4000
10	Spurn Head	1020·8	+2	ENE	1	3o	46	85	7	5	3	-	7-8	7-8	800
	Catterick	1020·0	-12	S	1		50	55	8	4	3	-	4·6	9	4000
	Tynemouth	1020·1	-8	SE	2	c	45	75	7	4	-	-	7-8	7-8	4000
11	Inchkeith	1018·9	-8	SSW	2	c	47	85	8	4	-	5	4·6	7-8	2500
	Leuchars	1018·5	-8	SSW	3	bc	49	55	7	1	3	6	2·3	4·6	4000
12	Renfrew (Abbotsl)	1017·6	-12	S	4	c	47	55	8	7	1	8	7-8	10	4000
	Eskdalemuir	1019·2	-6	SSW	4	c	43	75 65	7	1	3	-	2·3	9+	2500
13A	Tiree	1014·0	-6	S'E	6	c	45	85	7	5	1	-	9+	10	1500
13B	Stornoway	1012·6	-10	S	5	c	45	75	8	5	7	-	7-8	9	2500
15	Dalwhinnie	1016·5	-4	S	4	bc	44	95	8	4	-	1	2·3	4·6	2500
	Aberdeen	1017·4	-12	S'E	4	b	47	65	6	1	3	-	Tr	Tr	2500
	Wick	1015·9	-8	SSE	4	bc	45	75	8	5	-	-	2·3	2·3	2500
16	Lerwick	1014·6	-10	SSW	3	bc	44	55	8	7	-	-	2·3	4·6	2500
17	Blacksod Point	1014·8	+18	WSW	4	c	51	95	7	5	-	-	9+	9+	450
18	Malin Head	1013·6	-4	S	3	rr	43	95	6	6	2	-	9	10	800
	Aldergrove	1016·8	-14	S	5A	cr	46	85	8	5	-	-	10	10	1500
	Donaghadee	1017·5	-8	SSW	3	c	45	75	8	5	-	-	9	9	1500
19	Birr Castle	1016·7	-6	S	2	r	46	95	7	6	-	-	10	10	2500
20	Valentia Obsy.	1018·3	-4	NW	3	c/d	51	95	6	5	-	-	9+	9+	450
	Roches Point	1018·0	-8	SW	4	dd	47	95	6	5	-	-	10	10	800

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low. (23)	Form. Med. (24)	Form. High. (25)	Amount. Low. 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1022·0	+4	-	0	m	47	75	4	1	3	-	4·6	7-8	4000	1	*
	Croydon	1021·6	+6	NNW	1	m	49	55	4	7	7	-	2·3	7-8	4000	1	*
	S. Farnborough	1021·7	+6	-	0	c	49	55	6	4	4	8	9	9+	4000	1	*
	Boscombe Down	1021·6	+6	WSW	1	bc	49	55	6	2	3	9	4·6	4·6	4000	0	*
	Calshot, S'thmtn	1022·0	+8	SW'S	3	bc	45	75	7	7	6	9	2·3	4·6	4000	0	-
	Dungeness			E	2	c											
	Lympne	1022·4	+8	ESE	1	3o	41	95	5	5	7	9	2·3	7-8	1500	-	-
2	Shoeburyness	1022·2	+6	ESE	2	c	43	85	6	4	2	-	4·6	9	4000	0	*
	Felixstowe	1022·3	+6	-	0	3o	42	95	5	4	-	-	1	1	4000	1	1
	Gorleston	1022·2	+4	SE'E	1	3o	42	95	5	4	-	-	4·6	4·6	2500	0	2
	Cranwell	1021·4	+2	SSE	1	3o	44	75	6	-	-	6	0	7-8	-	-	-
3	Birmingham	1021·0	+2	SSW	1	bc	47	55	6	-	7	5	0	4·6	-	1	*
	Upper Heyford	1021·5	+2	SW	2	bc	47	65	8	7·	3	9	1	2·3	2500	1	*
4	Ross-on-Wye	1021·0	+4	SW'W	2	c	47	65	8		2	6	0	9	-	-	*
5	Portland Bill	1021·7	-6	W	3	bc	45	85	8	5	4	-	2·3	4·6	2500	1	2
	Plymouth	1021·8	0	S	2	c	45	85	8 8	5	7	-	7-8	9	2500	1	1
	The Lizard	1021·8	+2	S'E	3	d	44	95	7		-	-	10	10	1500	1	2
	Scilly (St. Mary's)	1020·3	-4	SSW	4	cd	45	95	6	5	-	-	9+	9+	1500	1	2
	Guernsey	1022·5	+4	W'N	1	bc	46	75	8	5·	7	-	0	2·3	-	-	2
6	Pembroke	1020·7	-4	SSW	2	3o	44	95	6	5	-	-	10	10	2500	1	2
7	Holyhead	1019·5	0	SSW	4	d	43	95	6	5	-	-	10	10	450	1	2
	Chester (Sealand)	1020·7	+4	SW	2	c	49	65	8	5	-	-	9+	9+	4000	1	*
8	L'pool (Bidston)	1020·4	0	WNW	3	c	46	65	9	5	7	-	7-8	9+	4000	0	*
	Manchester	1019·8	-2	W	2	3o	43	55	6	5	7	-	7-8	9+	4000	1	*
9	Harrogate	1019·9	0	-	0	m	42	75	4	5	-	-	7-8	7-8	4150	1	*
10	Spurn Head	1021·2	0	SE'E	3	c	42	95	7	5	7	-	2·3	2·3	4000	0	2
	Catterick	1020·0	+4	S	2	c	46	65	7	4	6	-	7-8	7-8	4000	1	*
	Tynemouth	1019·4	0	SE	2	bc	43	85	7	2	-	-	4·6	4·6	2500	1	2
11	Inchkeith	1018·2	+2	SSW	3	c	45	75	8	4	7	-	4·6	9+	2500	0	2
	Leuchars	1017·9	-2	SSW	4	c	47	55	8	4	7	-	1	9+	4000	1	*
12	Renfrew (Abbotsl)	1017·3	+2	S'W	3	cr	45	75	6	5	2	-	9+	10	2500	1	*
	Eskdalemuir	1019·2	+4	SSW	4	c	41	75	8	5	3	-	4·6	7-8	1500	1	*
13A	Tiree	1004·1	+6	S'E	4	dd	44	95	6	5	-	-	10	10	1500	1	4
13B	Stornoway	1011·8	-6	S	4	d	44	95	6	5	7	-	7-8	10	800	1	3
15	Dalwhinnie	1017·0	+2	S	4	c	39	95	8	4	2	-	4·6	10	1500	6	
	Aberdeen	1016·7	-2	S	3	bc	43	85	6	-	-	8	0	2·3	-	1	1
	Wick	1014·0	-4	SSW	3	bc	44	95	8	5	3	2	2·3	4·8	2500	1	2
16	Lerwick	1013·9	-4	SSW	5	bc	43	75	8	5	7	9	2·3	4·6	2500	0	*
17	Blacksod Point	1017·7	+16	WSW	3	cd	49	95	7	5	-	-	10	10	450	1	3
18	Malin Head	1014·4	+8	S	3	cjp	46	95	6	6	2	-	9	10	800	1	1
	Aldergrove	1016·7	+2	S	2	d	44	95	5	5	-	-	10	10	800	1	*
	Donaghadee	1017·3	0	SSW	2	c	45	85	8	5	-	-	9	9	1500	0	1
19	Birr Castle	1017·5	+6	W	1	c	51	95	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.	1020·8	+18	NW'N	4	c	50	95	7	5	-	-	10	10	450	1	3
	Roches Point	(1019·1)	+6	SW	3	f	47	95	3	5	-	-	10	10	450	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 23rd (37)	13h.–18h. 23rd (38)	18h. 23rd to 1h. 24th (39)	1h.–7h. 24th (40)
of bc	bcc3o	c3o bcf	cbc fx
off bm	bc3 4c3	c3 bcm	bm m m
cb, cbc	c3o 4c4	cb, cbx	bx bc
bcm	bc4	bcy	bcb, c
bm	bc4 bc	bc bx	bx o F
f	bc		f-3
bcm	c3o bcm	bcbm	bm Fe
bmbc	bccm	cm b	bm x
cmbc	bccbm	bm	bm bcm
c3o3o	c3o3o	boff	ff oe
mbc3o	bc3 4c	c bx	bcm
cbc	cbc	bcc	c
cm	cbc4	b bm	b, cm, cor
bccbc4	c4bcc	c	
bbc	bc	bbc	bcc
c	cv	cv d d	cd d c
cpr c	cp d o	if d d	id ff d
r r d	c i d	i d f f e	o f f e
bcc	c b c b	b c w	b c w c
cpr c	c u d m c	c f d c	c f d c
c	d d o	d d o	r r d o
m c b c v	y v c	c o	o r r
w c b c	b c c	c o	o c i d v
c F bc	b c c y	c m	o r r
b c c	c b c m	b c c	c i r
bc	3c	c z b c	b c 3 f
c y	c y b c y	b c	com r r
b c c	c b c	b c c m	o r r
b c 3 o c	c	c	c o r r
c x m bc	b c c y	c y c	c i r
f f x 3 o c	c y c r	c r m	c r r m
c x c	c y c	d d m	d d f
bc	c d r r	c d r d r	r r c
c	c d d o	c d d	p r i d
bc	c		c
c b c 3 o	b 3 o	b b c c	c r r
bc	bc	corr	o r r c
bc	bc	b c c o r r	o r r c
c D	c d	i d	i d
c r r 3 o	c u r 3 o	c i d	f
c u r	o d d m	o i d m	o d d d m
c	b c	c i d c	c i r c
r r	r r c	f	c o i r
D D d c	c i d o	~~p p d s~~ o i d	o i d i d
o r d d	o d f f e	o f e 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).
fK, fog on lower ground (inland station).
m, mist, visibility 1100–2200 yds.
h, hail. i, intermittent.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s$_o$, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s$_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus,
R, heavy rain. r$_o$, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ⏀ lunar halo. ⸗ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; −, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

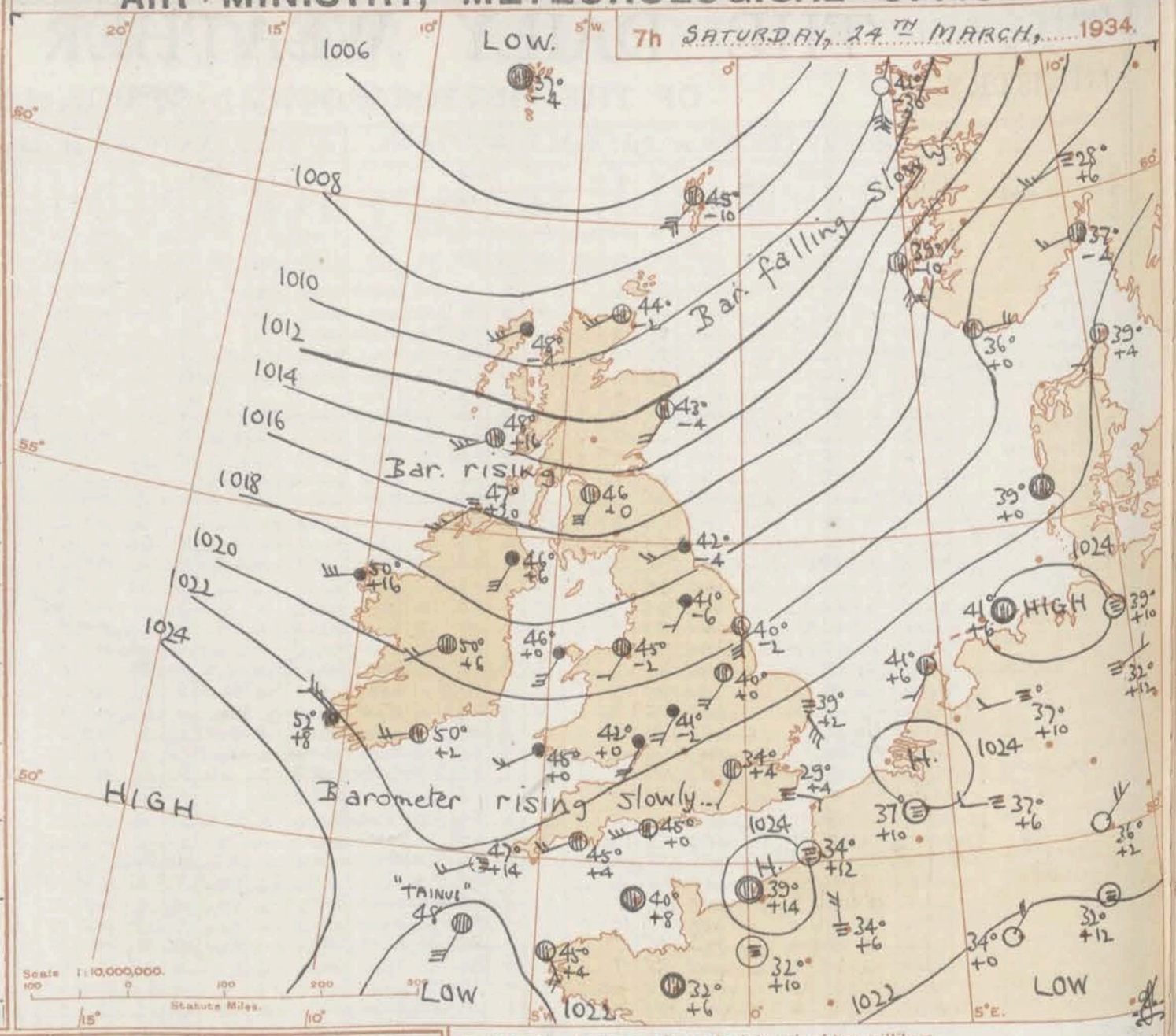
REPORTS from HEALTH RESORTS for 23rd MARCH 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 22nd to 9h. 23rd	Temperature. Max. 9h.—17h. 23rd	Rainfall. Night. 17h. 22nd to 9h. 23rd	Rainfall. Day. 9h.—17h. 23rd	Sunshine. Sunrise to 17h. 23rd	Sunshine. Sunrise to Sunset. 22nd
1	Tunbridge W.	ofebc	bcc	28	50	-	-	2.6	8.0
	Bournemouth	b	b	33	54	-	-	7.5	0.1
	Ventnor ...	xbbc	beb	36	50	-	-	7.0	2.1
	Southsea ...	b	bcc	35	52	-	-	5.5	1.5
	Bognor Regis	bcbc	bc	34	51	-	-	5.5	3.7
	Littlehampton	bc	bc	32	49	-	-	4.0	3.0
	Worthing ...	bcb	bcc	36	49	-	-	5.7	4.1
	Brighton ...	bc	bc	36	48	-	-	6.2	5.1
	Eastbourne†	mb	bcc	35	51	-	-	6.6	8.5
	Hastings† ...	bzbc	bcc3	36	49	-	-	7.1	7.6
	Folkestone ...	xbc	bc	36	50	-	-	6.8	5.7
	Dover... ...	ybmc	cbc	36	51	-	-	7.2	6.7
	Deal	b	b	35	50	-	-	7.2	4.4
	Ramsgate ...	beb	b	36	48	-	-	8.6	6.8
	Margate ...	bc	bc	38	47	-	-	8.3	6.6
2	Southend ...	bfb	bcc	33	50	-	-	5.7	6.2
	Maldon ...	b	bcc	35	52	-	-	6.5	7.2
	Clacton-on-Sea	bcm	bc	35	49	-	-	8.6	9.4
	Dovercourt ...	xbcc	bc	36	51	-	-	4.8	8.7
	Lowestoft ...	c	cbcb	38	47	-	-	1.0	6.8
	Skegness ...	obc	bcb	36	47	-	-	3.1	6.5
	Mablethorpe	omc	cbcm	38	47	-	-	2.3	6.9
	Cleethorpes...	omc	c	38	45	-	-	2.3	5.7
3	Leamington S.	bc	bc	37	52	-	-	4.3	0.0
4	Cheltenham†	bcgc	cbcc	34	47	-	-	5.4	0.1
5	Bath	bbc	bc	32	53	-	-	8.9	0.0
	Weymouth ...	bc	cbcb	36	52	-	-	5.5	0.0
	Jersey ...	pcbc	bc	40	52	0.3	-	9.8	0.0
	Torquay ...	bcw5	bc	36	51	-	-	2.1	0.0
	Penzance ...	dccc	omdc	41	46	1	Trace	0.0	4.9
	St. Ives ...	p	p	41	47	Trace	Trace	0.1	3.8
	Bude	c	c	37	41	-	-	0.6	1.1
	Ilfracombe ...	co	oc	40	48	-	-	0.6	1.0
6	Aberystwyth	cbcc	c	35	46	-	-	0.3	4.2
7	Llandudno ...	c	cdcc	40	49	-	Trace	0.5	2.5
	Colwyn Bay...	cbcc	cop	38	50	-	Trace	0.5	1.5
	Rhyl	c	c	35	50	-	-	0.4	1.1
8	Wallasey ...	b	bcc	35	52	-	-	3.6	1.1
	Southport‖ ...	cbc	bcco	34	50	-	-	3.0	2.2
	Blackpool ...	c	c	33	51	-	-	3.0	2.1
	Morecambe ...	cbc	bcbc	31	48	-	-	4.7	0.2
9	Ilkley	bcc	cbc	31	50	-	-	2.9	1.9
10	Berwick-on-T.	oc	c	32	51	-	-	4.1	5.7
11	Dunbar ...	bcx	bc	31	50	-	-	3.5	0.0
12	Troon... ...	bcxbc	o	35	48	-	-	0.1	5.3
	Douglas ...	cbco	mc	36	45	-	0.5	0.6	6.4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SATURDAY, 24TH MARCH, 1934.



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th March, 1934.
1. S.E. England 2. E. England...	Light southerly or variable wind; mainly fair; local coastal fog and morning fog or mist inland; rather mild.
3. E. Midlands 4. W. Midlands	Light southwest wind; cloudy, slight rain or drizzle today locally; probably brighter tomorrow; local mist or fog; rather mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate southwest or west wind; cloudy, local drizzle; local coastal and hill fog; mild.
9. N Midlands 10. N.E England	Light or moderate southwest wind; cloudy, slight rain or drizzle today, probably brighter tomorrow; mild.
11. S.E. Scotland	As 14 - 15.
12. S.W. Scotland & Isle of Man 13. A. W Scotld. B. N.W. Scotland.	Moderate westerly wind; cloudy, local drizzle or slight rain; mainly mild.
14. Mid Scotland 15. N.E. Scotland	Light or moderate southwest or west wind; cloudy, occasional drizzle; brighter locally; mild.
16. Orkneys and Shetlands.	Moderate southwest or west wind; cloudy, occasional rain; mostly rather mild.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate westerly wind; cloudy, occasional drizzle; mild.

GENERAL INFERENCE.

An anticyclone southwest of Ireland is spreading slowly northeast and a milder air current is spreading eastwards across Great Britain.

Weather will be mainly fair in Southeast England, but there will be occasional drizzle in most other districts, but chiefly in the West and Northwest.

FURTHER OUTLOOK.

Mainly mild; local drizzle in the West and Northwest.

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. No. 765/2707. 10m. 9/1. P.500/1. 6a. 908. 23190. 3/34

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

Morning of
SATURDAY
24th MARCH
1934.

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

Saturday, 24th March 1934.

No. 26,420.

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

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	1022.6	0	S'E	3	ʒo	38	95	5	4	-	-	2-3	2-3	5700
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1023.3	0	SE'S	1	ʒo	39	95	5	-	-	-	0	0	-
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1023.5	0	S'W	2	f	38	95	2	5	-	-	10	10	<150
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1022.8	-2	W'S	2	bc	43	95	8	4	-	-	4-6	4-6	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1022.2	0	S	2	id.	45	95	3	5	-	-	10	10	800
	Scilly (St. Mary's)	163	1021.2	0	S	3	F	47	95	1	5	-	-	10	10	<150
	Guernsey	175	1023.1	-6	-	0	be	40	95	7	-	3	-	0	4-6	-
6	Pembroke	142	1019.8	0	SW	3	df	44	95	2	5	-	-	10	10	800
7	Holyhead	28	1019.0	-6	SSW	4	r.r.	45	95	5	6	-	-	10	10	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1021.0	-2	SSE	3	bc	40	95	6	-	2	-	0	4-6	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1018.6	-8	SW	2	c	41	95	6	5	-	-	1-8	7-8	1500
11	Inchkeith	190	1016.5	-14	SW	3	c	43	95	8	5	2	-	4-6	10	2500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1011.0	0	WSW	2	c/d	45	95	7	8	2	-	4-6	10	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012.3	-10	SSW	4	rr	42	95	7	6	-	-	10	10	1500
16	Lerwick	54	1010.2	-20	SSW	5	rr	44	95	7	6	-	-	10	10	800
17	Blacksod Point	18	1018.8	+2	WSW	3	id	50	95	7	5	-	-	10	10	450
18	Malin Head	52	1014.7	-2	SW	3	c	45	95	7	8	-	-	10	10	800
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1021.7	0	SW	3	dd	49	95	3	6	-	-	10	10	1500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1023.1	+6	-	0	c.f	32	95	2	-	9	6	0	7-8	-	4	*
	Croydon	1022.9	+4	SSW	1	3.	34	95	5	-	3	9	0	7-8	-	1	*
	S. Farnborough	1023.0	+2	-	0	fg	30	95	6	5	7	-	4-6	4-6	5700	4	*
	Boscombe Down	1022.7	+4	-	0	3.	38	95	6	-	-	7	0	9+	-	0	*
	Calshot (S'thmtn)	1023.1	+8	-	0	F	35	95	0	5	-	-	10	10	<150	1	0
	Dungeness	*	*	-	0	F	*	*	0	5	-	*	10	10	<150	*	0
	Lympne	1023.5	+4	ESE	1	F	39	95	1	5	-	-	10	10	<150	1	*
2	Shoeburyness	1023.1	+4	SSW	1	m	34	95	4	-	3	-	0	4-6	-	4	*
	Felixstowe	1022.9	+2	S	1	m	40	95	4	-	6	-	0	4-6	-	1	1
	Gorleston	1022.1	+2	SSE	3	f	39	95	2	5	-	-	10	10	<150	1	2
	Cranwell	1021.3	0	SW	2	c	40	85	6	-	7	-	0	10	-	1	*
3	Birmingham	1021.2	-2	SSW	2	r.r.	41	95	6	6	2	-	7-8	10	2500	1	*
	Upper Heyford	1022.6	+2	S	1	3.	36	95	5	-	2	-	0	10	-	1	*
4	Ross-on-Wye	1021.2	0	SW'S	2	r.r.	42	96	6	6	-	-	10	10	1500	1	*
5	Portland Bill	1022.8	0	W'S	3	c	45	95	8	5	-	-	10	10	2500	1	2
	Plymouth	1022.6	+4	SW	2	c	45	95	7	5	-	-	10	10	800	1	2
	The Lizard	1023.1	+10	S'E	2	df	46	95	2	5	-	-	10	10	800	1	2
	Scilly (St. Mary's)	1022.3	+14	W'S	2	F	47	95	1	5	-	-	10	10	<150	1	2
	Guernsey	1023.2	+8	-	0	c	40	95	8	-	3	-	0	7-8	-	1	1
6	Pembroke	1019.9	0	SW	2	df	45	95	2	5	-	-	10	10	<150	1	1
7	Holyhead	1018.8	0	SW	3	dd	46	95	5	5	-	-	10	10	450	1	2
	Chester (Sealand)	1019.5	-2	SW	1	o/r	45	95	6	6	-	-	10	10	1500	1	*
8	L'pool (Bidston)	1019.3	-2	W'S	3	id.	45	85	8	5	1	-	7-8	10	2500	1	*
	Manchester	1019.3	-2	SW'S	3	r.r.	42	95	6	6	-	-	10	10	800	1	*
9	Harrogate	1018.7	-6	SSW	1	r.r.	41	95	5	5	-	-	10	10	2500	1	*
10	Spurn Head	1019.9	-2	S	3	m/f	40	95	4	5	2	-	7-8	9	450	0	1
	Catterick	1018.2	0	SSE	2	r.r.	40	95	4	6	-	-	10	10	800	1	*
	Tynemouth	1017.0	-4	SW	2	r.r.	42	95	5	6	-	-	10	10	1500	1	1
11	Inchkeith	1015.0	-6	SW	3	c	45	95	8	8	7	-	4-6	9+	1500	1	2
	Leuchars	1014.6	-2	W	2	ir.	44	95	7	6	1	-	7-8	10	450	1	*
12	Renfrew (Abbotts D	1014.8	0	SW'W	3	c	46	95	6	5	1	-	9+	10	800	1	*
	Eskdalemuir	1016.4	-2	SSW	3	rf	41	95	2	5	-	-	10	10	<150	1	
13A	Tiree	1013.9	+16	W'S	3	o	48	95	6	5	-	-	10	10	220	1	3
13B	Stornoway	1009.3	-4	WSW	3	id.	48	95	8	6	6	-	7-8	10	800	1	2
15	Dalwhinnie	1013.3	-4	SW	3	c	42	95	7	3	1	-	4-6	7-8	800	1	*
	Aberdeen	1012.5	-4	SSW	2	c	43	95	6	-	7	-	0	9+ 10	-	1	1
	Wick	1009.8	-2	SW	3	c	44	95	8	5	1	8	4-6	9	1500	1	2
16	Lerwick	1006.1	-10	SW	5	c	45	95	7	8	1	-	7-8	9+	800	1	*
17	Blacksod Point	1019.4	+16	W	3	id	50	95	7	5	-	-	10	10	450	1	3
18	Malin Head	1016.2	+20	SW	3	f	47	95	3	5	-	-	10	10	<150	1	1
	Aldergrove	1017.0	+6	SSW	3	id.	46	95	6	5	-	-	10	10	<150	1	*
	Donaghadee	1016.4	+2	WSW	2	c	47	95	7	5	-	-	7-8	7-8	1500	1	1
19	Birr Castle	1019.8	+6	WSW	2	o/r	50	95	7	5	-	-	10	10	1500	1	*
20	Valentia Obsy.†	1022.9	+8	NW'W	4	id.	52	95	4	5	-	-	10	10	220	1	3
	Roches Point	1020.4	+2	W	2	c	50	95	8	5	-	-	9	9	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 23 Hrs. (36)
1	London (Kew)	50	31	24	Tr.	-	2.7
	Croydon	53	33	29	Tr.	Tr.	5.3
	S. Farnborough	51	27	21	-	Tr.	4.0
	Boscombe Down	52	35	32	-	-	7.3
	Calshot (S'thmtn)	51	32	25	-	Tr.	6.6
	Dungeness	51	27	*	-	-	*
	Lympne	49	34	25	-	Tr.	5.9
2	Shoeburyness	52	32	24	-	-	7.7
	Felixstowe	51	37	26	-	-	4.2
	Gorleston	46	36	35	-	-	0.1
	Cranwell	50	36	27	-	-	5.3
3	Birmingham	51	41	37	-	0.3	5.8
	Upper Heyford	53	34	22	-	-	*
4	Ross-on-Wye	53	41	35	-	1	7.0
5	Portland Bill	48	41	*	-	-	*
	Plymouth	48	43	42	-	0.5	0.6
	The Lizard	45	43	*	0.1	1	*
	Scilly (St. Mary's)	45	44	*	3	0.6	0.0
	Guernsey	50	38	32	-	-	10.7
6	Pembroke	49	43	*	-	1	0.0
7	Holyhead	46	43	43	0.2	5	0.0
	Chester (Sealand)	54	43	41	-	0.6	3.2
8	L'pool (Bidston)	51	41	41	-	0.4	4.5
	Manchester	53	40	33	-	1	3.3
9	Harrogate	50	38	29	-	Tr.	3.8
10	Spurn Head	47	38	*	-	-	2.8
	Catterick	52	36	31	-	0.2	4.7
	Tynemouth	45	41	35	-	1	*
11	Inchkeith	49	42	41	-	1	3.2
	Leuchars	50	42	42	-	1	3.7
12	Renfrew (Abbotts D	49	43	43	Tr.	0.6	0.0
	Eskdalemuir	47	38	38	-	4	2.1
13A	Tiree	45	44	44	0.2	4	0.0
13B	Stornoway	46	43	*	Tr.	1	0.8
15	Dalwhinnie	45	38	36	-	2	3.2
	Aberdeen	47	41	39	-	3	6.1
	Wick	46	43	*	-	3	*
16	Lerwick	45	42	*	-	0.3	7.6
17	Blacksod Point	52	45	*	1	1	*
18	Malin Head	46	45	*	3	3	0.0
	Aldergrove	46	45	42	Tr.	1	0.0
	Donaghadee	47	43	*	-	2	*
19	Birr Castle	51	46	45	1	0.2	0.0
20	Valentia Obsy.†	53	48	47	1	1	0.3
	Roches Point	48	46	*	2	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	of bc	bcc 3o	c3bcfx	50	31	24	Tr.	-	2.7	*	*	4
Croydon	217	off bm	bc3o yc3	c3bcmm	53	33	29	Tr.	Tr.	5.3	*	*	5
Greenwich (Royal Observatory)	149	f	fc m	cmbxcm	48	31	24	-	Tr.	0.0	65	66	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	35	27	-		1.9	65	69	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	50	35	26	-	-	2.1	71	71	*
Camden Square	110			*	51	35	28	-	-	*	*	69	*
Kensington	80	x bcc	c	*	52	34	28	-	-	2.9	At 18h. 65	73	*
Hampstead Observatory	450	of bm	bc	of	50	34	25	-	-	3.6	*	81	*
		of bc	bc	of									

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington.

Max.	Time.	Min.	Time.
2.0	22h 23m	<0.3	1-7h. 24th

Kew Observatory.

Max.	Time.	Min.	Time.
0.9	22h 23m	0.1	14h. 23m

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 23rd March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 24th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1021.8	-	0	3o	46	1023.4	N	2	F	34	50	34	-	-
Brussels	1022.0	N	2	c	45	1024.0	-	0	f	37	48	36	0.2	-
Berlin	1021.2	NW	1	3o	45	1022.9	-	0	bcf	41	50	36	-	-
Zürich	1020.0	NNW	1	c	43	1018.4	NNE	3	ir.	39	54	37	-	0.3
Rome	1006.2	SSW	4	c	57	1009.7	SSE	4	c	55	"	"	-	12

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2½	,,
6	Moderate ,,	6½	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 25th March 1934.

No. 26,421

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

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)	1022·9	+2	SW'w	2	r.	48	65	6	5	1	-	4-6	10	2500
	Croydon	1022·8	+2	W'S	3	r.	49	55	6	5	2	-	7-8	10	4000
	S. Farnborough	1022·9	+2	WSW	3	r.r.	47	85	6	6	-	-	10	10	4000
	Boscombe Down	1022·5	0	SW	2	r.r.	46	95	6	6	-	-	10	10	800
	Calshot, S'thmtn	1023·3	0	SSW	3	r.r.	46	85	6	5	-	-	10	10	1500
	Dungeness	*	*	SW	1	F	*	*	1	5	-	*	10	10	4150
	Lympne	1023·2	-6	SSE	2	c/f	43	85	5	5	-	-	9+	9+	450
2	Shoeburyness	1022·6	-4	SSW	2	c	51	55	7	-	2	-	0	10	-
	Felixstowe	1022·5	-2	SSE	3	m	43	95	4	-	2	-	0	10	-
	Gorleston	1021·8	+2	SSE	3	oir.	43	85	4	6	-	-	10	10	1500
	Cranwell	1021·0	+2	SW's	3	od.	46	95	6	6	-	-	10	10	1500
3	Birmingham	1021·1	+2	SSW	2	m	45	95	4	6	2	-	4-6	10	2500
	Upper Heyford	1022·5	+2	SSW	3	rr	45	95	6	6	2	-	9	10	800
4	Ross-on-Wye	1021·1	0	SW	2	od.	48	85	6	6	-	-	10	10	2500
5	Portland Bill	1022·9	0	SW	3	ir.	45	95	8	5	-	-	10	10	1500
	Plymouth	1022·7	0	SSW	2	dd	46	95	4	5	-	-	10	10	4150
	The Lizard	1022·9	0	S'W	2	f	48	95	1	5	-	-	10	10	450
	Scilly (St. Mary's)	1022·7	0	W	2	df	48	95	2	5	-	-	10	10	4150
	Guernsey	1023·2	+2	-	0	c	50	66	8	8	1	-	4-6	10	4000
6	Pembroke	1018·5	+2	SSW	1	f	47	95	2	5	-	-	10	10	4150
7	Holyhead	1020·7	+10	WNW	4	c	49	95	7	5	-	-	10	10	1500
	Chester (Sealand)	1020·7	+6	-	0	c/d	50	95	6	5	2	-	7-8	10	1500
8	L'pool (Bidston)	1020·8	+2	NW	4	c	49	85	8	5	2	-	4-6	10	2500
	Manchester	1020·2	+2	NW'w	3	df	48	95	3	5	-	-	10	10	450
9	Harrogate	1018·5	0	WSW	3	c	49	95	7	6	2	-	9	10	2500
10	Spurn Head	1019·9	0	S'W	3	id.	40	95	5	6	2	-	7-8	10	800
	Catterick	1017·7	-4	W	2	c	55	65	8	5	-	-	7-8	7-8	2500
	Tynemouth	1016·9	0	WSW	3	bc	52	75	6	2	-	-	4-6	4-6	1500
11	Inchkeith	1015·0	0	SW	4	c	51	95	6	8	-	-	7-8	7-8	1500
	Leuchars	1014·6	-2	SW	3	bc	59	75	8	7	-	-	4-6	4-6	2500
12	Renfrew (Abbotsf.)	1016·6	+12	WSW	4	c	56	75	8	8	-	-	7-8	7-8	1500
	Eskdalemuir	1017·6	+10	SSW	3	c	48	95	5	5	-	-	9+	9+	4150
13A	Tiree	1020·0	+34	NNW	4	bc	49	85	7	5	-	-	4-6	4-6	2500
13B	Stornoway	1017·7	+62	NW	4	c	49	65	8	8	6	-	4-6	7-8	1500
15	Dalwhinnie	1016·2	+14	SW	5	bc	52	65	8	4	-	-	4-6	4-6	2500
	Aberdeen	1013·9	+16	W'N	6	bc	59	55	8	1	-	-	4-6	4-6	4000
	Wick	1011·1	+44	WNW	7	c	50	95	8	7	6	-	4-6	7-8	1500
16	Lerwick	1006·4	+87	NNW	3	ir	41	95	6	6	-	-	10	10	800
17	Blacksod Point	1023·2	+18	W	2	c	52	95	7	6	-	-	7-8	7-8	450
18	Malin Head	1020·6	+26	W'N	3	c	49	95	7	8	-	-	9+	9+	800
	Aldergrove	1020·3	+14	W'N	2	c	52	85	8	5	-	-	9+	9+	1600
	Donaghadee	1020·0	+20	WSW	2	c	52	85	7	5	-	-	7-8	7-8	1500
19	Birr Castle	1022·6	+12	WSW	1	c/d	53	95	7	6	2	-	7-8	10	2500
20	Valentia Obsy.	1024·5	+2	NW'N	4	c	52	95	7	5	5	-	7-8	9	800
	Roches Point	1022·3	+10	NW	3	c	53	95	8	3	-	-	7-8	7-8	1500

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

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)
1023·1	+4	SW's	2	c	48	85	6	5	-	-	10	10	2500	1	*
1022·7	+2	SW	2	cz.	47	85	6	5	7	-	4-6	9+	1500	1	*
1023·1	+2	SW	3	c	47	85	6	5	1	-	9+	10	1500	1	*
1022·9	+6	SSW	1	d.	46	95	6	5	-	-	10	10	220	1	
1023·8	+8	SW	2	c	46	85	7	5	7	*	4-6	9+	800	1	1
*	*	NW	2	bc	*	*	6	6	3	*	4-6	7-8	1500	*	1
1023·6	+4	NE	1	bcz.	42	95	6	-	3	1	0	4-6	-	1	
1022·9	+2	SW	1	bc	47	75	6	-	7	8	0	4-6	-	1	*
1022·3	-2	SW'S	1	bcz.	45	85	5	-	-	8	0	2-3	-	1	1
1022·0	0	SSW	2	bc	47	75	6	5	-	-	4-6	4-6	2500	1	2
1021·4	+4	SW'S	2	c	47	75	5	5	-	-	9+	9+	1500	1	
1021·9	+6	SSW	2	m	48	95	4	6	2	-	4-6	10	1500	1	*
1023·0	+8	SW	1	c	46	95	6	6	2	-	9+	10	1500	1	*
1023·0	+6	SW'w	2	cz.	50	85	6	5	-	-	9+	9+	4000	1	
1023·5	+10	WSW	3	c	45	95	8	5	-	-	9	9	1500	1	2
1023·2	+8	-	0	f	47	95	2	5	-	-	10	10	<150	1	1
1023·7	+12	W	2	dF	48	95	1	5	-	-	10	10	220	1	2
1023·5	+8	N'E	3	o	49	95	7	5	-	-	10	10	1500	1	2
1023·5	+4	-	0	bc/r	46	85	8	5	3	-	2-3	4-6	4000	1	1
(1023·4)	+12	-	0	c	50	95	7	5	-	-	9+	9+	2500	1	1
1023·4	+22	N'W	3	c	48	95	7	5	-	-	9+	9+	1500	1	0
1022·8	+18	NW'W	4	id.	50	95	6	5	-	-	9+	9+	1500	1	*
1023·2	+12	NW	3	id.	47	95	7	5	1	-	7-8	10	1500	1	*
1022·1	+8	NW	3	m	50	95	4	5	2	-	7-8	9+	450	2	*
1021·3	+10	SW	1	b	50	85	7	-	4	-	0	Tr	-	1	*
1020·5	0	S'W	3	m	47	95	4	5	2	-	7-8	10	450	0	2
1020·6	+24	NW	2	b	54	75	8	4	-	-	Tr	Tr	4000	1	*
1018·9	+30	W	2	bc	55	75	7	2	-	-	2-3	2-3	2500	1	1
1020·9	+30	NW	2	bc	56	75	8	4	-	-	2-3	2-3	4000	0	1
1021·1	+52	SW	1	bc	54	45	9	1	-	-	Tr	Tr	4000	1	*
1020·9	+34	W'N	3	b	52	65	8	-	-	-	0	0	-	1	*
1020·8	+26	NNW	3	bc	50	75	9	5	-	-	Tr	Tr	2500	1	d
1023·6	+22	NNW	4	b	46	75	8	-	4	-	0	Tr	-	1	3
1023·8	+22	WNW	2	bc	46	65	8	8	4	-	2-3	4-6	2500	1	1
1021·9	+26	NE	2	b	44	95	8	4	-	-	Tr	Tr	4000	0	
1020·4	+52	NW	6	bc	48	55	8	1	-	-	Tr	Tr	4000	1	2
1019·7	+40	NW	6	bc	46	85	8	8	7	-	4-6	4-6	2500	1	3
1019·8	+48	NW	5	c/pc	42	85	7	8	7	-	7-8	9	1500	2	*
1025·2	+20	N	2	c	49	85	8	-	5	-	0	7-8	-	1	2
1023·8	+20	N'W	3	bc	47	85	7	5	-	-	Tr	Tr	1500	1	1
1024·1	+24	NW	2	bc	47	75	8	5	-	-	2-3	2-3	2500	1	
1023·3	+20	NW	2	bc	48	75	8	5	2	-	2-3	4-6	1500	0	1
1022·8	+16	W	1	c	54	85	7	5	-	-	10	10	2500	1	*
1026·0	+10	NW	3	c	51	95	8	5	-	-	9+	9+	1500	1	3
1024·0	+10	NW	2	c	52	95	8	5	-	-	7-8	7-8	2500	1	2

PAST 24 HOURS.

Weather. 7h.–18h. 24th (37)	Weather. 18h.–18h. 24th (38)	Weather. 18h. 24th to 1h. 25th (39)	Weather. 1h.–7h. 25th (40)
fbccr.	crc	or.m.	om
cz.ir.y	r.r.s	md d.m	d.d.Fe f.
bccfcr.	er.rc	c -odd.m	odd.d.f
cid.r.	cccdd.	od.d.ir.	oid.m
ofccr	crmoc	c	bcof
f	bc	bmbc	o
Fe.m.	cmabcm.	bm.c	cm.offF
bm.cy	cpr.bcm.	bm.cm.	cme
bmcm	cmcir.bz.	b3.-c3.	c3.- b
ofm	or bcx	bcc3.	cbc
orr.r.	edam.	cm.bc	bcbw
crr	d.c	cid.	cbc
cr.cr	crrdd	r.d.	od.
rnom.	d.oc	com.	om.
oir.	circ	oddd	d.fo
coddm	oddfff	offm.	ocm.
FfD	Ffd	ffdc	c
ofcmd.	dfffo	ocoif	oc
cbcc	cirr	bwbcc	co
cfdc	cfmm.c	bcc	c
r.d.c	c	cbcbw	bwm.f
ir.do	r.eid.	od.bm	cFFe
ddc	cid.	cc	cFe
crmfd	ddfcm	cmbo	obcfx
rrc	cb	b	bx
frrzid	fdf	fc	cbcw
omrnc	cbcb	bx	bx
oirbc	bc	bc	bc
c	cbc	bcb	bc
cir.m.bc	bcbcy	by bx	bx
cmd.c	cby	b	bbcwm
fidm	obcb	bx	bx
bc	bcb	bw	cir.
cid.q	cbc	bcb	bbcc
bc	b	*	b
cbcq.y	bcbq.y	bq b	bbx
c	cbc	bc	bcc
corrirm.	oirc.bc	cbc	bc.p.s.c.
id	id.	bc	id.
cid.f	cbc	bc	bcc.
omdc	cbc	bcb	b f cm.
c	cbc	b	bx
od.d.	c	c	c
oid.c	c	c	cid.c
c	c	c	co.d.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

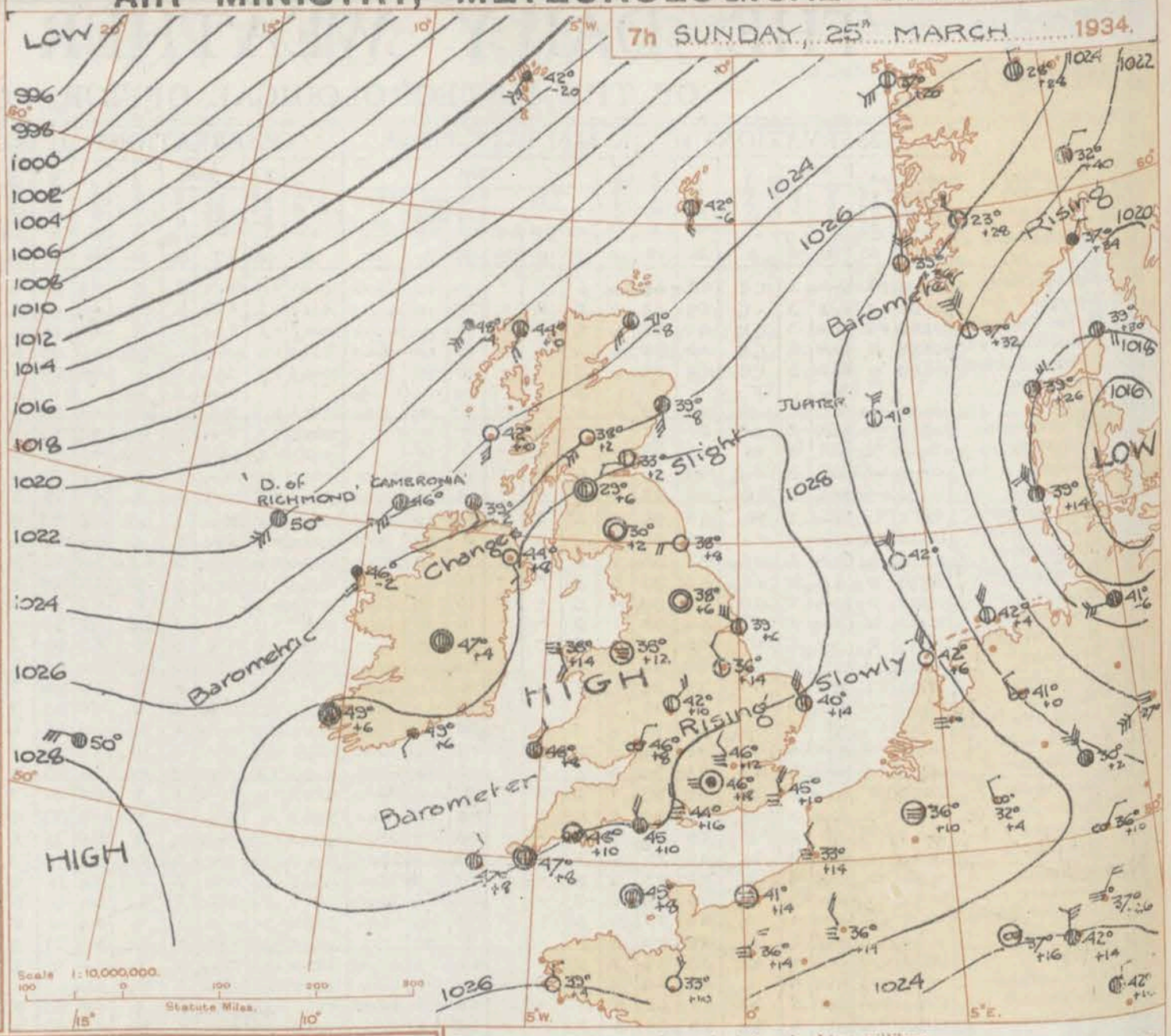
REPORTS from HEALTH RESORTS for 24th MARCH 1934.

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.	bco	bcc	27	52	-	-	4·2	2·6
	Bournemouth	odo	odo	38	47	-	1	0·0	7·9
	Ventnor ...	xcou	orcu	38	48	-	2	0·9	7·8
	Southsea ...	co	oro	34	48	-	2	0·2	6·0
	Bognor Regis	bcbc	rrcc	33	48	-	1	2·3	5·5
	Littlehampton	bcc	crc	29	47	-	1	2·4	4·0
	Worthing ...	bccbc	cbc	33	50	-	1	2·2	5·7
	Brighton ...	bc	cbbc	32	47	-	Trace	3·6	6·2
	Eastbourne†	fbbcc	coc	30	50	-	-	3·6	6·6
	Hastings† ...	ofcbc	bccoc	36	49	Trace	-	2·0	7·1
	Folkestone ...	ofc	ofcbc	33	43	Trace	-	0·0	6·8
	Dover... ...	fcoc	fomc	33	43	Trace	-	0·0	7·2
	Deal	ffco	o	32	47	-	-	0·6	7·2
	Ramsgate ...	ofcm	cm	37	47	Trace	-	0·5	6·6
	Margate ...	cfbc	c	37	49	-	-	1·0	8·3
2	Southend ...	bmbc	orcbc	38	51	Trace	0·1	4·5	5·7
	Maldon ...	bbcc	rcbc	36	53	-	0·3	3·5	6·5
	Clacton-on-Sea	bcmcm	cm	40	47	-	-	3·0	8·6
	Dovercourt ...	obm	bcc	39	48	-	-	2·8	4·8
	Lowestoft ...	fcco	cbcb	37	47	-	-	0·5	1·0
	Skegness ...	oro	o	38	47	0·1	3	0·0	3·1
	Mablethorpe	orm	o	35	48	1	1	0·0	2·3
	Cleethorpes...	oro	o	35	49	0·4	3	0·0	2·3
3	Leamington S.	or	orc	34	47	Trace	4	0·0	4·6
4	Cheltenham†	orrib	oibco	39	49	Trace	2	0·0	5·4
5	Bath	crr	dor	40	49	1	2	0·0	8·9
	Weymouth ...	rcr	rcc	38	48	0·1	0·5	0·0	5·5
	Jersey ...	bcc	cr	36	50	-	1	2·3	10·8
	Torquay ...	boz	bro	44	49	0·2	0·2	0·0	2·1
	Penzance ...	mod	dcc	48	52	3	0·5	0·0	0·0
	St. Ives ...	dod	odof	41	51	1	Trace	0·0	0·1
	Bude	rod	df	43	49	1	2	0·0	0·0
	Ilfracombe ...	odo	od	44	50	0·2	0·3	0·0	0·9
6	Aberystwyth	cdd	dcff	43	47	1	1	0·0	0·3
7	Llandudno ...	od·o	od·	44	51	1	Trace	0·0	0·5
	Colwyn Bay...	robcc	o	43	55	1	-	0·0	0·5
	Rhyl	orc	c	43	52	1	0·1	0·1	0·4
8	Wallasey ...	ir	iro	43	49	1	Trace	0·0	3·6
	Southport‖ ...	ro	oc	42	48	2	0·4	0·0	3·0
	Blackpool ...	oro	o	43	48	3	1	0·0	3·0
	Morecambe ...	rorr	irec	38	47	5	1	0·0	4·7
9	Ilkley... ...	rc	o	35	54	4	1	0·0	2·9
10	Berwick-on-T.	ocbc	bcc	37	60	1	-	6·1	4·1
11	Dunbar ...	rbc	bc	40	59	1	-	6·7	3·5
12	Troon... ...	cocrc	cbcbb	41	55	1	-	3·8	0·1
	Douglas ...	ormdo	cbbeq	42	53	5	0·5	1·6	0·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SUNDAY, 25th MARCH 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◎ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ○ Clear sky. ◔ Sky less than 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.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light variable or northeasterly wind; fair or fine; local morning fog; mild during day.
5. S.W. England 6. South Wales	Light variable or northeasterly wind; dull with local drizzle at first; fair later; mild.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Light or moderate variable wind; fair or fine; local morning mist or fog; mild during day.
12. S.W. Scotland & Isle of Man	Moderate southwest wind; cloudy; local drizzle; mild.
13. {A. W. Scotld. B. N.W. Scotland.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate southwesterly wind; mainly fair; mild.
17. N.W. Ireland 18. N.E. Ireland	Moderate southwest wind; cloudy; local drizzle; mild.
19. S.E. Ireland 20. S.W. Ireland	Light variable or southwest wind; cloudy with local drizzle at first; brighter later; mild.

GENERAL INFERENCE.

An anticyclone over England and Wales is increasing in intensity. After local drizzle in the South weather will be mainly fair or fine.

FURTHER OUTLOOK.

Unsettled in Northwest; mainly fair and mild 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. Ap. 765/2707 Wt. 47. 2,600; 6/34 706. 23/160. 3/34.

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

Morning of
Sunday,
25TH MARCH
1934.

Lambert's Projection Scale 1·4 x 10⁷ along meridian at 55°N.
Statute Miles 0 100 200 300 400 500

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 25th March 1934.

No. 26,421

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

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	1025.9	+1.0	SSW	1	do	45	95	4	5	–	–	10	10	450
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1026.7	+1.0	NW	2	3o	41	85	5	5	–	–	9+	9+	1800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1025.1	+1.0	W'N	2	3o	45	95	6	5	–	–	10	10	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1026.3	+1.6	NW	3	dd	45	95	6	5	–	–	10	10	1500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1026.5	+1.0	NW	2	c	47	95	8	4	–	–	10	10	2500
	Scilly (St. Mary's)	163	1026.9	+1.4	E'S	2	o	47	95	7	5	–	–	10	10	1500
	Guernsey	175	1026.1	+1.4	–	o	c	44	85	8	5	–	–	7-8	7-8	4000
6	Pembroke	142	1026.3	+1.5	NE	1	c	50	85	7	5	–	–	7-8	7-8	2500
7	Holyhead	26	1026.9	+1.0	NNW	1	b	43	95	6	–	–	1	0	Tr	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1026.9	+1.4	NE	3	c	44	85	7	5	4	–	4-6	7-8	4000
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1027.1	+1.4	NW	2	bc	45	85	7	7	–	–	2-3	2-3	4000
11	Inchkeith	190	1026.8	+1.4	SE	1	b	43	85	8	–	4	–	0	Tr	–
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1024.2	0	SSW	3	bc	42	85	7	2	–	–	2-3	2-3	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1025.0	+1.0	W	3	bc	38	95	8	5	1	–	2-3	2-3	1500
16	Lerwick	54	1022.8	+1.2	WNW	1	b	39	85	8	5	–	–	Tr	Tr	2500
17	Blacksod Point	18	1026.6	+.8	–	0	bc	47	85	8	–	5	–	0	4-6	–
18	Malin Head	52	1025.6	-.2	S	1	bc	39	95	7	–	–	5	0	2-3	–
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1027.1	+1.0	W'N	1	c	49	95	8	5	–	–	10	10	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)
1028.4	+1.2	N	1	m	47	95	4	5	–	–	1.0	1.0	1500	1	*
1027.6	+1.2	NW	1	f	46	95	2	5	–	–	1.0	1.0	<150	1	*
1028.1	+1.8	–	0	df	46	95	3	5	–	–	1.0	1.0	<150	1	*
1027.3	+1.6	NNW	1	ld.	46	95	4	5	–	–	1.0	1.0	<150	1	*
1027.8	+1.6	WNW	1	f	44	95	3	5	–	–	1.0	1.0	<150	1	0
*	*	NW	1	f	*	*	2	5	–	*	9	9	1500	*	1
1027.5	+1.0	NNW	2	F	45	95	1	5	–	–	1.0	1.0	<150	1	*
1027.9	+1.8	NE	3	cm	46	95	4	5	2	–	7-8	1.0	800	1	*
1027.8	+1.8	N	1	bc	42	85	7	–	–	1	0	2-3	–	1	1
1027.9	+1.4	NNW	3	bc	40	85	6	–	–	1	0	2-3	–	1	2
1029.5	+1.4	NNW	1	b	36	95	7	–	–	1	0	1	–	1	*
1029.3	+1.0	NE	2	bc	42	75	7	–	–	1	0	2-3	–	1	*
1028.9	+1.8	ENE	3	o/d.	43	95	6	5	–	–	1.0	1.0	800	1	*
1029.2	+1.8	NNE	1	c3o	46	95	6	5	–	–	1.0	1.0	2500	1	*
1028.1	+1.0	NW	2	o	45	95	6	5	–	–	1.0	1.0	1500	1	3
1027.9	+1.0	–	0	c3o	48	95	6	5	–	–	9+	9+	2500	1	0
1029.0	+.8	–	0	c	47	95	8	4	6	–	7-8	9+	2500	1	2
1028.2	+.8	NE'E	1	c	47	95	7	5	–	–	9+	9+	2500	1	2
1027.5	+.8	–	0	o	45	95	8	5	–	–	1.0	1.0	2500	1	2
(1028.3)	+.8	NE	1	c	48	85	7	5	7	–	4-6	7-8	4000	1	1
1028.7	+1.4	SE	2	cf	38	95	3	–	–	1	0	2-3	–	1	0
1029.6	+1.2	–	0	F	35	95	1	5	–	–	1.0	1.0	<150	1	*
1029.6	+.8	SE'S	2	F	40	95	1	5	–	–	1.0	1.0	<150	1	*
1029.5	+1.0	NNE	1	f	30	95	3	–	–	1	0	2-3	–	1	*
1029.4	+.6	–	0	b	38	85	7	–	–	1	0	1	–	1	*
1028.6	+.6	W'N	3	bc	39	95	7	–	2	1	0	2-3	–	0	2
1029.7	+1.0	W'N	1	b	32	95	7	–	–	1	0	1	–	4	*
1028.7	+.8	W	2	bc	38	85	6	2	6	–	2-3	4-6	2500	1	1
1027.5	+.4	SE	1	bc	39	95	7	–	4	–	0	2-3	–	0	0
1028.0	+.2	W	1	b	33	95	8	–	4	4	0	1	–	4	*
1027.8	+.6	–	0	m	23	95	4	5	–	–	4-6	4-6	2500	4	*
1029.4	+.2	–	0	b	30	95	7	–	–	1	0	1	–	4	
1025.1	0	S	3	c	42	95	8	5	7	–	9+	9+	1500	1	2
1022.7	0	SSW	2	c	44	85	8	5	6	9	4-6	7-8	1500	1	1
1027.0	+.2	SSW	4	bc	38	95	8	–	–	2	0	2-3	–	0	*
1026.1	-.8	S	3	b	39	75	8	–	–	9	0	1	–	1	1
1023.9	-.8	SSW	3	c	41	95	8	5	1	–	7-8	9	2500	1	2
1023.1	-.6	S'W	2	c	42	85	8	5	3	9	4-6	7-8	2500	1	*
1026.1	-.2	S	2	ir.	46	95	7	6	–	–	10	10	450	1	2
1025.7	-.2	S'E	1	c	39	95	7	8	9	–	4-6	9	1500	1	1
1028.2	+.8	SE	1	c/f	34	95	5	5	–	2	7-8	9	800	1	*
1028.0	+.4	W	1	b	36	95	8	–	–	–	0	0	–	0	0
1026.9	+.4	–	0	c	47	95	7	5	–	–	9+	9+	2500	1	*
1028.2	+.6	–	0	c	49	95	8	5	–	–	10	10	800	1	2
1027.8	+.6	SW	1	ld.	49	95	7	5	–	–	10	10	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 24th Hrs. (36)
1	London (Kew)	51	46	45	1	0.2	1.4
	Croydon	52	45	44	0.5	0.2	0.6
	S. Farnborough	50	45	43	1	0.4	0.3
	Boscombe Down	47	45	46	1	0.4	0.0
	Calshot, (S'thmtn)	46	42	34	2	0.1	0.0
	Dungeness	47	29	*	Tr	–	*
	Lympne	43	38	28	Tr	Tr	0.5
2	Shoeburyness	53	43	31	Tr	–	1.9
	Felixstowe	47	40	37	Tr	–	2.9
	Gorleston	48	39	38	0.2	–	0.2
	Cranwell	48	35	30	3	–	0.0
3	Birmingham	49	41	34	3	Tr	0.0
	Upper Heyford	47	43	42	2	0.1	*
4	Ross-on-Wye	51	45	42	1	–	0.0
5	Portland Bill	46	42	*	1	Tr	*
	Plymouth	47	46	46	1	–	0.0
	The Lizard	49	46	*	1	Tr	*
	Scilly (St. Mary's)	50	47	*	2	–	0.2
	Guernsey	51	43	37	1	–	0.7
6	Pembroke	52	47	*	2	–	0.1
7	Holyhead	51	37	29	3	0.1	0.1
	Chester (Sealand)	52	34	29	1	Tr	0.0
8	L'pool (Bidston)	49	39	38	0.3	Tr	0.0
	Manchester	50	28	25	2	–	0.0
9	Harrogate	53	35	27	2	–	2.6
10	Spurn Head	47	38	*	4	Tr	0.0
	Catterick	59	31	25	1	–	3.7
	Tynemouth	56	38	33	2	–	*
11	Inchkeith	56	39	32	–	–	7.3
	Leuchars	61	30	21	Tr	–	7.7
12	Renfrew (Abbotts I)	57	27	23	0.1	–	4.5
	Eskdalemuir	54	27	22	0.6	–	3.2
13A	Tiree	50	32	23	–	0.1	6.3
13B	Stornoway	50	37	*	Tr	–	7.7
15	Dalwhinnie	52	21	11	–	–	7.5
	Aberdeen	60	33	26	–	–	7.9
	Wick	55	34	*	–	–	*
16	Lerwick	48	38	*	–	0.1	0.2
17	Blacksod Point	54	45	*	0.2	Tr	*
18	Malin Head	50	35	*	0.3	–	3.1
	Aldergrove	53	32	27	Tr	Tr	0.3
	Donaghadee	54	33	*	–	–	*
19	Birr Castle	55	46	45	0.3	–	0.0
20	Valentia Obsy.†	54	48	47	0.1	Tr	0.6
	Roches Point	56	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. (To-day.)
Kew	18	fbccro	crc	or.mon	51	46	45	1	0.2	1.4	*	*	5
Croydon	217	c3oiry	crmc	ormfe	52	45	44	0.5	0.2	0.6	*	*	3
Greenwich (Royal Observatory)	149	fco	rrc	cmdfon	53	45	42	0.5	0.3	0.9	73	94	4
City (Bunhill Row)	—				*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Park)	27	*	*	*	51	44	44	0.4		0.2	78	91	*
‡Regents Pk. (Botanic Gardens)	129	*	*	*	52	43	45	1	0.2	0.3	80	96	*
Camden Square	110	bcc	crc	*	50	47	45	0.5	0.3	*	*	94	*
Kensington	80	bcoro	co	*	51	46	44	1	0.3	0.7	At 18h. 83	93	*
Hampstead Observatory	450	od	od	od	49	44	40	1	0.4	1.0	*	97	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 24th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 25th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1022.3	N	3	c	48	1026.7	NNW	2	f	36
Brussels						1026.4	–	0	f	36
Berlin	1021.8	S	2	3o	46	1020.9	SW	2	c3o	46
Zürich						1021.5	N	1	o	43
Rome						1011.5	SE'E	4	c	55

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	36	–	–
	32		–
52	30	–	–
	43		0.1
	*		0.2

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	21h 24h	0.3	24h 6h 25th.

Kew Observatory. Max.	Time.	Min.	Time.
0.4	21h 24h	0.1	11h 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 ,,	6¼	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

COLUMN 30.—Code for State of Sea.

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

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

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

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

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 26th March 1934.

No. 26422

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

Div.	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)	1028.8	-8	NNE	2	b	55	55	5	-	-	-	0	0	-
	Croydon	1028.8	-7	ENE	2	3o	55	55	5	-	-	1	0	Tr.	-
	S. Farnborough	1028.5	-6	ENE	2	3o	57	65	6	1	-	-	Tr.	Tr.	1500
	Boscombe Down	1029.0	0	NNE	1	c	51	85	5	5	2	-	9+	10	800
	Calshot, S'thmtn	1028.4	-2	NE	1	3o	58	65	6	8	-	-	4·6	4·6	2500
	Dungeness	*	*	NE'E	4	bc	*	*	6	4	3	*	2·3	4·6	2500
	Lympne	1029.1	+4	NE	3	c	49	65	8	1	-	9	Tr.	7·8	2500
2	Shoeburyness	1029·1	0	E'S	3	c	50	65	8	-	-	6	0	7·8	-
	Felixstowe	1029.2	+2	NE	3	bc	47	75	7	-	-	8	0	4·6	-
	Gorleston	1029.5	+4	N	4	bc	48	75	6	-	-	6	0	4·6	-
	Cranwell	1029·3	-10	-	0	bc	54	55	8	-	-	2	0	2·3	-
3	Birmingham	1028·8	-4	SSE	1	3o	55	55	5	-	-	-	0	0	-
	Upper Heyford	1028.7	-10	E	2	bc	57	55	7	1	-	1	1	2·3	2600
4	Ross-on-Wye	1028·2	-6	S	2	3o	56	65	6	1	-	1	1	1	4000
5	Portland Bill	1028·1	0	E	3	bc	53	95	6	4	-	-	2·3	2·3	2500
	Plymouth	1028·3	-6	W	2	3o	58	65	6	7	-	-	4·6	4·6	4000
	The Lizard	1029·3	0	-	0	c	54	85	8	4	-	-	9+	9+	2500
	Scilly (St. Mary's)	1029.7	0	NW'W	1	c	53	85	7	8	-	-	9+	9+	2500
	Guernsey	1028·1	-4	-	0	c	50	85	7	5	1	8	4·6	7·8	4000
6	Pembroke	1028·3	+6	W	1	c	52	85	7	5	5	-	4·6	9+	4000
7	Holyhead	1028.3	-10	S'E	3	c	53	75	8	5	-	-	9+	9+	4000
	Chester (Sealand)	1029.1	-12	WNW	2	c	53	66	6	7	-	-	9	9	4000
8	L'pool (Bidston)	1029·3	-4	NW'N	1	c	49	75	8	5	7	-	2·3	9	4000
	Manchester	1028.9	-18	SW	2	bc	56	55	7	1	-	-	2·3	2·3	4000
9	Harrogate	1028·0	-6	SSW	1	3o	55	55	5	5	-	-	2·3	2·3	<150
10	Spurn Head	1029.2	+4	E'N	1	bc	49	75	7	-	1	8	0	4·6	-
	Catterick	1027.1	-22	SSE	2	b	59	45	8	-	-	-	0	0	-
	Tynemouth	1026·9	-20	SSE	3	bc	48	75	6	5	1	-	2·3	4·6	1500
11	Inchkeith	1025.7	-14	W	3	c	46	85	6	5	3	-	4·6	9+	1500
	Leuchars	1025.4	-14	WSW	4	c	52	65	7	1	3	8	2·3	9	4000
12	Renfrew (Abbotts'l)	1026·0	-18	SW'S	4	c	48	65	8	5	-	-	9	9	2500
	Eskdalemuir	1026.7	-18	SW	4	c	47	75	7	5	3	-	7·8	9+	2500
13A	Tiree	1023·3	-14	S	4	o	46	95	7	5	-	-	10	10	1500
13B	Stornoway	1019.8	-10	SW	5	c	46	95	7	8	2	-	4·6	10	1500
15	Dalwhinnie	1024·5	-6	S	4	bc	50	95	8	4	1	-	1	4·6	2500
	Aberdeen	1022·7	-18	SSW	4	bc	56	55	6	-	3	6	0	2·3	-
	Wick	1022·2	-14	S	43	c	45	95	8	5	9	-	4·6	9	2500
16	Lerwick	1021.0	-20	SSW	4	c	46	75	8	6	7	-	4·6	7·8	2500
17	Blacksod Point	1024.8	-4	S	2	ir	49	95	7	6	-	-	10	10	450
18	Malin Head	1023.7	-12	SW'S	2	c	50	85	8	5	7	-	4·6	9+	1500
	Aldergrove	1026·3	-10	S'W	3	c	52	75	8	5	-	-	10	10	2500
	Donaghadee	1026.9	-10	SSW	3	c	47	85	8	5	-	-	9	9	1500
19	Birr Castle	1026·8	-6	S	1	c	54	85	7	5	-	-	9+	9+	2500
20	Valentia Obsy.	1027.7	-8	S	3	c	53	95	8	5	-	-	10	10	800
	Roches Point	1028·5	0	SE	2	c	51	95	7	5	-	-	9	9	1500

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

Div.	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)	1027.1	-4	E	2	m	55	45	4	5	-	1	2·3	4·6	1500	1	*
	Croydon	1027.1	-2	E	2	3o	51	65	5	-	3	1	0	2·3	-	1	*
	S. Farnborough	1027.1	-4	ENE	1	3o	55	55	6	-	-	4	0	2·3	-	1	*
	Boscombe Down	1027·3	-4	NW	1	3o	53	75	5	-	3	-	0	Tr.	-	1	*
	Calshot, S'thmtn	1027.4	-2	SSE	2	3o	47	95	6	-	-	9	0	Tr.	-	1	0
	Dungeness	*	*	NE'E	2	bc	*	*	7	5	7	*	2·3	4·6	2500	*	0
	Lympne	1027.8	-4	NNE	2	bc	43	75	8	-	-	1	0	4·6	-	1	*
2	Shoeburyness	1028.1	-6	E	1	c	41	85	7	-	9	2	0	7·8	-	0	*
	Felixstowe	1027.7	-6	NE'N	2	bc	43	85	7	-	-	9	0	4·6	-	1	1
	Gorleston	1027.8	-6	N'E	2	bc	45	85	7	-	3	9	0	4·6	-	0	1
	Cranwell	1027·3	-10	SE'E	2	bc	53	65	7	-	3	4	0	4·6	-	1	*
3	Birmingham	1026·5	-8	SSW	1	3o	56	55	6	-	-	2	0	4·6	-	1	*
	Upper Heyford	1027.4	-6	E	1	bc	55	65	7	-	-	9	0	2·3	-	1	*
4	Ross-on-Wye	1026·4	-6	SSE	1	3o	54	75	6	5	8	9	4·6	4·6	4000	1	*
5	Portland Bill	1027·1	-6	S	2	bc	48	95	6	6	-	1	2·3	4·6	2500	1	2
	Plymouth	1027.6	0	S	1	3o	50	95	6	7	-	1	1	2·3	4000	1	1
	The Lizard	1027.7	-2	-	0	bc	53	85	8	7	5	-	4·6	4·6	2500	1	1
	Scilly (St. Mary's)	1028.2	-10	NW'W	2	bc	52	85	7	-	3	3	0	4·6	-	1	1
	Guernsey	1027·2	-6	-	0	F	46	95	1	5	-	-	10	10	<150	1	1
6	Pembroke	1026·1	-10	-	0	3o	50	95	8	7	7	-	2·3	4·6	5700	1	1
7	Holyhead	1026·1	-12	S'W	3	c	49	75	9	5	-	-	9	9	4000	1	0
	Chester (Sealand)	1027.3	-10	WNW	2	c	51	75	6	5	-	4	7·8	7·8	4000	1	*
8	L'pool (Bidston)	1027·2	-12	-	0	c	49	65	8	2	7	-	2·3	9	4000	0	*
	Manchester	1026·7	-10	NW'N	3	3o	48	75	6	5	-	1	Tr.	2·3	4000	1	*
9	Harrogate	1025.8	-6	SW	2	bc	49	75	7	-	-	2	0	4·6	-	1	*
10	Spurn Head	1027.0	-6	SE	4	bc	43	95	7	-	2	9	0	4·6	-	0	3
	Catterick	1025·9	-2	WSW	2	bc	49	75	7	-	8	6	0	4·6	-	0	*
	Tynemouth	1024.7	+4	W	2	bc	52	75	6	2	4	-	2·3	4·6	2500	1	1
11	Inchkeith	1023·9	-6	SW	3	c	48	75	8	5	-	-	9+	9+	2500	0	2
	Leuchars	1023·2	-12	W	4	bc	48	65	7	7	4	5	1	4·6	4000	1	*
12	Renfrew (Abbotts'l)	1023.7	-12	SW	2	c	49	75	7	5	-	-	9+	9+	2500	1	*
	Eskdalemuir	1024.8	-10	SSW	4	c	44	85	8	6	-	-	9+	9+	4000	1	*
13A	Tiree	1020.7	-18	S	4	dd	47	95	4	5	-	-	10	10	220	1	3
13B	Stornoway	1017.8	-8	SSW	5	id.	46	95	7	5	2	-	7·8	10	800	1	3
15	Dalwhinnie	1022·3	-8	SW	5	c	43	95	8	3	4	-	7·8	9	1500	0	*
	Aberdeen	1020.7	-12	SSW	3	bc	51	65	6	-	3	9	0	2·3	-	1	1
	Wick	1019.0	-14	SSW	3	c	47	75	8	8	1	-	4·6	7·8	2500	0	2
16	Lerwick	1018.6	-10	SSW	4	c	44	85	8	5	7	-	4·6	9	1500	1	*
17	Blacksod Point	1022·2	-10	S	3	c	50	95	8	5	-	-	7·8	7·8	800	1	3
18	Malin Head	1021·0	-14	SW	1	c	50	95	7	8	-	-	9+	9+	1500	1	0
	Aldergrove	1023.6	-12	S	2	c	50	85	8	5	-	-	10	10	1500	1	*
	Donaghadee	1024·1	-8	SW	2	c	48	85	8	5	-	-	9+	9+	1500	0	1
19	Birr Castle	1024.9	-12	S	1	c	54	85	7	5	-	-	10	10	2500	1	*
20	Valentia Obsy.	1025·1	-14	SSW	3	id.	51	95	6	5	-	-	10	10	220	1	2
	Roches Point	1026·3	-8	SE	2	o	49	95	7	5	-	-	10	10	1500	1	2

PAST 24 HOURS. WEATHER.

Div.	Stations.	7h.–13h. 25th (37)	13h.–18h. 25th (38)	18h. 25th to 1h. 26th (39)	1h.–7h. 26th (40)
1	London (Kew)	cm. by	by bcy 3	bc 3 fm	o m f
	Croydon	off m b 3o	bbc 3. y	3 o b r m. o	b w x f m
	S. Farnborough	od. f c b 3.	b 3. o y	bc c f x	bc f ec
	Boscombe Down	o i d. m c	c b c b	b m. F F c	co F F e
	Calshot, S'thmtn	o f c m.	b c b m.	b m. o F F	o f b m.
	Dungeness	f-3	b	b	f
	Lympne	Fe bc	c bc	bc i f w c	c f r m
2	Shoeburyness	b bc	c bc	bc	c m
	Felixstowe	bc b	bc	bc b	b-c
	Gorleston	bc	bc	bc w	bc f w c
	Cranwell	b bc y	by bc	b	b c r m. o
3	Birmingham	b 3	b b 3	bc b	b, c
	Upper Heyford	o bc by	bc y	bc b	b F
4	Ross-on-Wye	o m. c b 3o	b 3 bc 3	bc m b m	b m w c m
5	Portland Bill	o 3. bc	bc 3o	o f f	o f f
	Plymouth	c bc 3.	bc 3.	bc 3. f c	o F i m.
	The Lizard	c	c bc	bc F F	F F e
	Scilly (St. Mary's)	c	c bc	P c w	c f d d m
	Guernsey	o m i f c	c bc i f	o F f w	bc o f f
6	Pembroke	c	c bc	bc c f c	cd. d. m c
7	Holyhead	f bcc	c	co	r. d. o
	Chester (Sealand)	F f bcc	c bcc	bc	bcc
8	L'pool (Bidston)	b f c	c bcc	cbc	bcc
	Manchester	bc f by	by cbc	bc m.	c m.
9	Harrogate	b 3	b bc	bc b	b b c c
10	Spurn Head	bc	bc	bc w	bc c 3
	Catterick	by	by bc	bc b	b b c c m
	Tynemouth	bc	bc	bc c	c
11	Inchkeith	bcc	c	cd. b	c p r.
	Leuchars	b x bc q	c bc q m.	bc c	cr. cr. cr.
12	Renfrew (Abbotts'l)	m x f f c	c	cd. d. r r	o r r. cr.
	Eskdalemuir	b x b. c	c	c	cr. cr F
13A	Tiree	bc	o m d d	od. c	c R R
13B	Stornoway	c p r	id. c	cid.	cr. cr.
15	Dalwhinnie	bc	bc	*	cr o
	Aberdeen	b b c 3o	b c y 3	bc 3. c	c m.
	Wick	c	c	c	c
16	Lerwick	c	c p r	cid.	cid.
17	Blacksod Point	id	id	c	P R
18	Malin Head	c	c p r	c p r.	c p r
	Aldergrove	c m m	c	cod.	o r. c
	Donaghadee	b b c c	c	c s d. c	c s r.
19	Birr Castle	c	c	cr.	cr. bc
20	Valentia Obsy.	c	c o id.	cd. r.	cr. bc
	Roches Point	odd c	od f e o	o d d	o d 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.
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: thps.
R, heavy rain. r$_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☽ lunar halo. ⟋ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

COLUMN 29.—STATE OF GROUND.

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

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

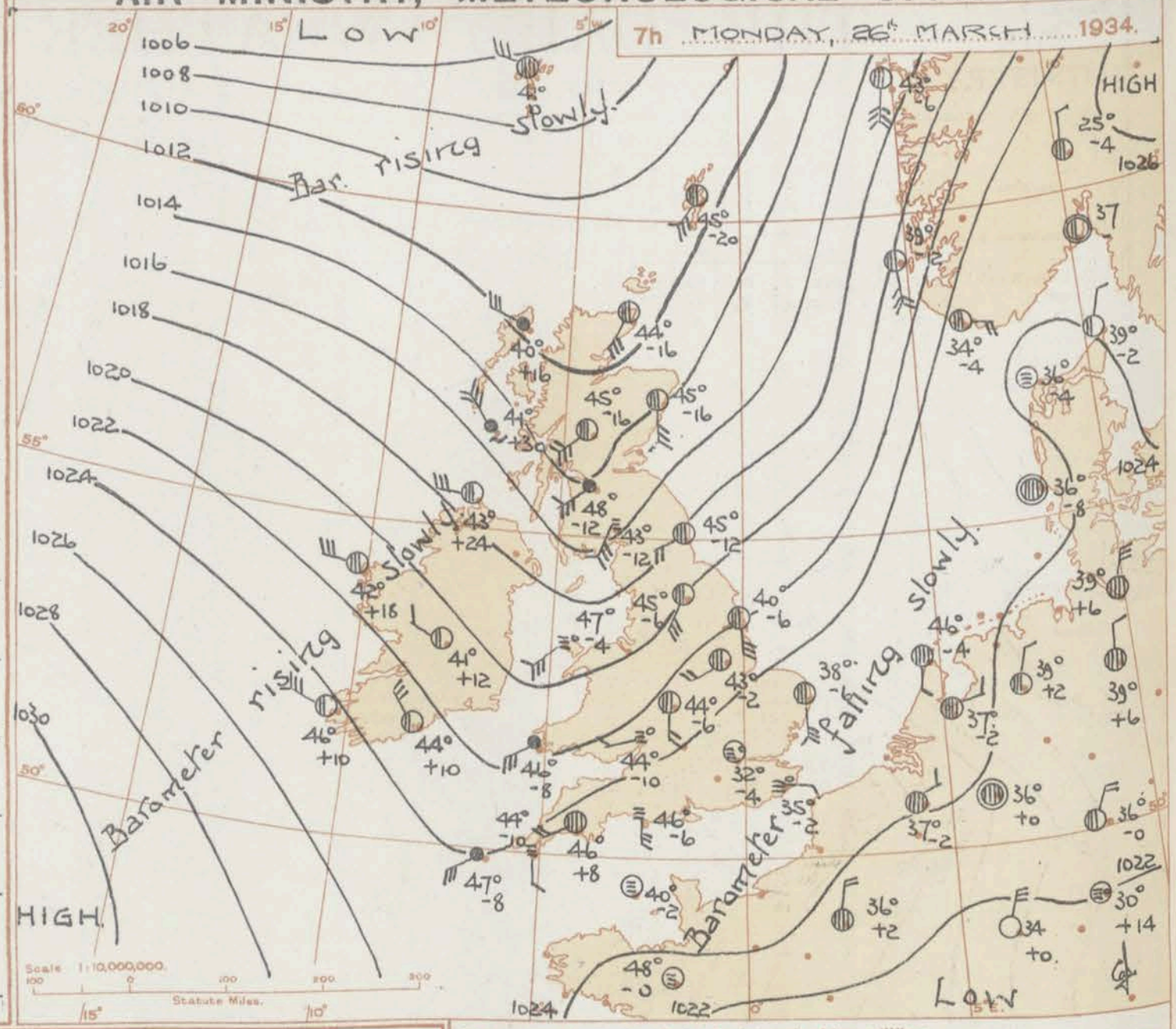
REPORTS from HEALTH RESORTS for 25th MARCH 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 24th to 9h. 25th.	Temperature. Max. 9h.—17h. 25th.	Rainfall. Night. 17h. 24th to 9h. 25th.	Rainfall. Day. 9h.—17h. 25th.	Sunshine. Sunrise to 17h. 25th.	Sunshine. Sunrise to Sunset. 24th.
1	Tunbridge W.	ombc	bbc	40	55	Trace	-	5.7	4·2
	Bournemouth	obc	bbco	44	59	0·3	-	4·1	0.0
	Ventnor ...	pbbc	bmcgm	42	56	0.3	-	6·6	0.9
	Southsea ...	b	b b3	41	59	-	-	6·9	0.2
	Bognor Regis	bc	bcff	44	59	0.6	-	5·2	2.3
	Littlehampton	cbc	bc	42	57	-	-	5.40	2.4
	Worthing ...	cbcb	b	41	56	Trace	-	7.5	2.2
	Brighton ...	b	bc	43	58	-	-	8.6	3.6
	Eastbourne†	ocb	bbcc	40	53	-	-	3.98	3·6
	Hastings† ...	omcbcb	bbc	42	55	-	-	4·2	3·2
	Folkestone ...	cbcb	bbc	36	51	-	-	6.4	0.0
	Dover... ...	ybcbbc	bc	35	53	-	-	7.0	0.0
	Deal	fcb	b	37	50	-	-	7.4	0.6
	Ramsgate ...	b	bbc	40	48	-	-	7·2	0.5
	Margate ...	bc	bc	40	46	-	-	7.3	1·0
2	Southend ...	b	bbc	42	52	Trace	-	6·9	4·5
	Maldon ...	b	bbcb	43	54	-	-	8.6	3.5
	Clacton-on-Sea	bcbbc	bccbc	42	50	-	-	7·4	3.0
	Dovercourt ...	bc	bc	41	50	-	-	8·5	2·8
	Lowestoft ...	b	bbc	37	49	-	-	7.5	0.5
	Skegness ...	b	b	40	47	-	-	9.8	0.0
	Mablethorpe	bc	b	35	48	-	-	10.4	0.0
	Cleethorpes...	b	b	39	51	-	-	10·3	0.0
3	Leamington S.	b	b	41	60	-	-	9.6	0.0
4	Cheltenham†	bcm.b	bbc	44	59	0·3	-	8·8	0.0
5	Bath	c	cbcb	46	55	Trace	-	1.7	0.0
	Weymouth ...	cb	b3	45	59	0.1	-	5·6	0.0
	Jersey ...	obcc	cb	38	53	0·2	-	3·5	2.3
	Torquay ...	cmwlbc	b	46	58	-	-	7.4	0.0
	Penzance ...	c	cbcb	47	57	0.2	-	1·4	0.0
	St. Ives ...	o	c	47	53	-	-	1·5	0.0
	Bude	mc	bcb	46	52	Trace	-	4·5	0.0
	Ilfracombe ...	fc	cbcb	46	54	-	-	4·3	0.0
6	Aberystwyth	cbcc	bc	40	52	Trace	-	3.8	0.0
7	Llandudno ...	c	bcv	37	54	Trace	-	5.1	0.0
	Colwyn Bay...	bcobo	bcb	39	55	-	-	5·6	0.0
	Rhyl	bbcc	cbcc	38	53	-	-	5.0	0.1
8	Wallasey ...	bc	bc	39	51	-	-	4·5	0.0
	Southport‖ ...	bco	obc	35	54	-	-	5·3	0.0
	Blackpool ...	cbc	bcc	37	52	-	-	6·2	0.0
	Morecambe ...	bbcc	cbc	32	50	Trace	-	7.5	0.0
9	Ilkley... ...	b	b	31	58	-	-	9.4	0.0
10	Berwick-on-T.	b	bccbc	33	56	-	-	8.4	6.4
11	Dunbar ...	bc	bc	37	55	-	-	8.0	7.4
12	Troon... ...	bcxbx	cbcc	38	49	-	-	2·2	5·2
	Douglas ...	cbc	c	38	50	-	-	2·0	2·6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h MONDAY, 26th MARCH 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Wind southwest, veering northwest, light or moderate; dull, a short period of rain, fair later; average day temperature, ground frost at night.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N Midlands	Moderate northwest to west wind, fresh locally at first; bright intervals, local showers at first; rather cold, ground frost locally at night.
10. N.E. England	As 1 - 4.
11. S.E. Scotland	As 5 - 9.
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	Moderate or fresh northwest to west wind, backing southwest later; bright intervals and showers, becoming mainly fair; rather cold, ground frost at most places at night.

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 1/10 to 9/10 clouded ●Overcast sky. ●Rain falling. ✳Snow. ✳Sleet ▲Hail ≡Fog. ≡Mist. T Thunder. ⚡Thunderstorm. ∞Slight haze.
SEA DISTURBANCE.~~Rough. ≈≈High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A trough of low pressure extending from North Scotland to the Scilly Isles is moving east and will be accompanied by a short period of rain. A wedge of high pressure will follow and weather will be fair, apart from local showers in the West and North.

FURTHER OUTLOOK.

Unsettled in the Northwest; fair tomorrow over most of England.

Forecasts issued at 0950 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,
26TH MARCH,
1934.

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 26th March 1934.

No. 26422

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

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	1026.6	-6	-	0	fo	36	95	6	–	–	–	0	0	–
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot, (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1027.0	-8	NE'N	2	cf	34	95	2	–	–	6	0	7-8	–
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1026.6	+10	–	0	bcf	41	95	2	5	–	–	4-6	4-6	450
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1025.9	-8	S'E	3	of	45	95	3	5	–	–	10	10	<150
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1026.4	-6	NW	1	of	45	95	1	5	–	–	10	10	220
	Scilly (St. Mary's)	163	1026.2	-8	W'S	2	c	45	95	7	7	–	6	Tr	7-8	4000
	Guernsey ...	175	1026.0	-6	–	0	bcfs	43	95	6	–	3	–	0	4-6	–
6	Pembroke ...	142	1023.3	-10	SW	2	c	47	95	7	6	–	–	10	10	2500
7	Holyhead ...	26	1021.8	-22	SSW	4	id	47	95	5	5	–	–	10	10	450
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1023.3	-6	SE	4	bc	41	95	7	–	2	9	0	4-6	–
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1022.0	-20	W	2	c	43	75	6	4	–	–	7-8	7-8	4000
11	Inchkeith ...	190	1019.4	-20	E	1	dd	46	95	7	8	–	–	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	34	1012.3	-30	SSW	4	dd	47	95	7	5	2	–	7-8	10	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1015.1	-14	SW	4	c	46	85	8	5	2	–	7-8	10	1500
16	Lerwick ...	54	1014.4	-20	SSW	4	c	45	95	7	8	2	–	7-8	9+	1500
17	Blacksod Point	18	1018.3	-10	S	5	rr	49	95	7	6	–	–	10	10	450
18	Malin Head ...	52	1015.0	-30	S	2	c	48	95	7	3	8	–	4-6	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1012.3	-6	SSW	5	DD	45	95	5	5	–	–	10	10	800
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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	-8	SSE	1	f-	36	95	2	5	-	-	10	10	<150	1	*
1024.5	-4	-	0	c/f	32	95	4	-	4	1	0	Tr	-	1	*
1024.1	-8	SW'S	1	fo	37	95	5	-	-	-	9+	9+	800	1	*
1023.8	0	SSW	2	fo	43	95	5-6	-	-	-	10	10	<150	1	*
1024.4	-6	E	1	c	41	95	6	-	-	1	Tr	1	1500	1	0
*	*	NE	1	c	*	*	*	*	*	*	9+	9+	1500	*	*
1025.5	-2	E	1	fo	35	95	6	5	-	-	10	10	800	1	*
1024.9	-8	SE'S	2	f	37	95	4	5	-	-	9	9	1500	1	*
1024.7	-4	SW	1	c	38	85	7	5	-	-	10	10	800	1	1
1024.6	-6	S'E	4	c	38	95	6	5	-	-	9	9	2500	0	2
1023.2	-2	SW	2	fo	43	95	5	5	-	-	9+	9+	4000	1	2
1022.6	-6	S	2	c	44	95	6	5	-	-	9+	9+	4000	1	*
1024.0	-8	SW	2	c	41	95	6-7	5	-	-	10	10	<150	1	*
1021.9	-10	WSW	1	f	44	95	7	5	-	9	9	9+	4000	1	*
1024.3	-6	S	2	f	46	95	3	5	-	-	10	10	<150	1	2
1024.2	-8	SW	2	fo	46	95	6	5	-	-	10	10	450	1	0
1023.8	-10	S	1	f-	44	95	2	5	-	-	10	10	450	1	–
1024.0	-8	WSW	3	dd	47	95	4	5	-	-	10	10	800	1	1
1024.6	-2	-	0	of-	40	95	3	5	-	-	10	10	800	1	2
1020.2	-8	SW	3	do	46	95	6	5	-	-	10	10	800	1	2
1018.7	-4	SW	4	f	47	95	4	5	-	-	10	10	450	1	2
1020.5	-16	S'E	3	c	45	85	6	5	4	-	7-8	7-8	1500	1	*
1019.8	-8	S'W	3	c	46	85	6	5	-	-	7-8	7-8	2500	0	*
1020.3	-10	SW'S	3	fo	45	85	6	5	-	-	9+	9+	2500	1	*
1019.7	-6	SSW	3	c	45	85	5	5	-	-	9+	9+	2500	1	*
1021.0	-6	S	3	fo	40	95	5	5	7	-	7-8	9+	800	0	2
1019.1	-12	SE'S	3	f	43	95	4	9	-	1	9	9	2500	0	*
1018.1	-12	SW	2	c	45	85	6	4	-	-	9	9	4000	1	1
1014.5	-18	SW	3	c	47	95	8	8	-	-	7-8	7-8	2500	0	2
1014.3	-14	SSW	3	co	47	85	7	6	1	-	4-6	9+	800	1	*
1013.6	-12	SW'S	4	co	48	95	6	6	2	-	7-8	10	800	1	*
1015.7	-12	SSW	4	F	43	95	1	5	-	-	10	10	<150	1	*
1014.4	+30	NW'N	5	co	41	95	7	6	7	-	4-6	9+	800	1	4
1011.4	+16	WNW	3	co	40	95	7	5	2	-	7-8	10	1500	1	1
1011.9	-16	SSW	5	c	45	95	8	3	4	-	7-8	9	800	1	*
1013.3	-16	S	4	c	45	95	6	5	7	9	7-8	9	1500	1	1
1011.5	-16	SSW	3	c	44	85	8	8	3	-	4-6	7-8	1500	0	2
1010.9	-20	SSW	4	c/d	45	95	7	8	7	1	4-6	7-8	800	1	*
1020.7	+18	W	3	c	42	85	8	9	-	-	7-8	7-8	800	1	3
1016.5	+24	W	3	c/po	43	85	7	3	-	-	9	9	1500	1	1
1018.0	+20	W	2	c	43	85	8	5	-	-	9+	9+	1500	1	*
1017.1	+18	NNW	3	co	45	85	7	6	-	-	9+	9+	800	1	2
1020.9	+12	WNW	1	bc	41	95	8	8	-	-	4-6	4-6	2500	1	*
1024.7	+10	W'N	4	bc	46	65	8	8	-	-	4-6	4-6	2500	1	3
1022.7	+10	NW	3	bc	44	85	8	3	-	-	4-6	4-6	1500	1	3

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 25m Hrs. (36)
1	London (Kew)...	57	36	27	Tr	-	7.2
	Croydon ...	56	32	28	-	-	6.0
	S. Farnborough	60	32	26	Tr	Tr	5.9
	Boscombe Down	55	39	38	Tr	0.1	3.2
	Calshot, (S'thmtn)	60	39	35	-	Tr	4.6
	Dungeness ...	49	29	*	-	-	*
	Lympne ...	50	30	23	-	Tr	5.7
2	Shoeburyness	52	30	19	-	Tr	7.1
	Felixstowe ...	49	33	27	-	-	7.7
	Gorleston ...	49	35	33	-	-	9.0
	Cranwell ...	58	35	30	-	-	10.3
3	Birmingham ...	60	41	38	-	-	10.2
	Upper Heyford	60	36	29	-	-	*
4	Ross-on-Wye ...	58	39	29	-	-	5.3
5	Portland Bill...	55	41	*	-	Tr	*
	Plymouth ...	58	45	37	-	Tr	5.7
	The Lizard ...	57	44	*	-	0.1	*
	Scilly (St. Mary's)	53	44	*	-	1	0.9
	Guernsey ...	52	38	30	-	-	2.6
6	Pembroke ...	55	45	*	Tr	Tr	2.6
7	Holyhead ...	54	47	46	-	1	3.9
	Chester (Sealand)	55	37	28	-	-	4.6
8	L'pool (Bidston)	52	42	40	-	-	5.1
	Manchester	57	40	32	-	-	8.1
9	Harrogate ...	58	41	33	-	-	10.1
10	Spurn Head ...	51	39	*	-	-	10.7
	Catterick ...	60	37	30	-	-	9.1
	Tynemouth ...	53	43	37	-	-	*
11	Inchkeith ...	51	45	42	-	Tr	7.3
	Leuchars ...	54	43	33	-	1	7.6
12	Renfrew (Abbotts D	52	45	39	-	3	2.3
	Eskdalemuir ...	49	41	41	-	4	3.5
13A	Tiree	47	41	39	1	3	0.0
13B	Stornoway ...	48	40	*	Tr	4	0.5
15	Dalwhinnie ...	50	41	38	-	0.2	3.5
	Aberdeen ...	57	43	40	-	-	6.7
	Wick	49	40	*	-	-	*
16	Lerwick ...	45	43	*	Tr	Tr	2.1
17	Blacksod Point	51	40	*	0.1	5	*
18	Malin Head ...	52	41	*	Tr	1	0.0
	Aldergrove ...	52	42	39	-	2	0.4
	Donaghadee ...	51	43	*	-	1	*
19	Birr Castle ...	55	40	36	-	1	0.3
20	Valentia Obsy.†	54	45	41	Tr	2	0.1
	Roches Point...	51	42	*	1	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.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
					Yesterday.							To-day.	
Kew	18	cm,by	by,bc,y3	bc,om,f	57	36	27	Tr	-	7.2	•	•	1
Croydon	217	ofm,by3	bc,y3,4	bm,wm,fm	56	32	28	-	-	6.0	•	•	4
Greenwich (Royal Observatory) ...	149	oby.	by.	bc,xm	57	31	22	•	Tr	6.8	37	89	4
City (Bunhill Row)	—	•	•	•	•	•	•	•	•	6.3	•	•	•
Westminster (St. James' Park) ...	27	•	•	•	59	37	28	-	-	6.5	35	93	•
‡Regents Pk. (Botanic Gardens) ...	129	•	•	•	58	35	29	-	-	7.3	47	100	•
Camden Square	110	cb	b	•	60	37	29	-	-	•	•	98	•
Kensington	80	odmbc	bc	bc	58	36	29	-	-	6.4	At 18h. 97		•
Hampstead Observatory	450	bc	b	bcom	56	33	29	-	Tr	7.4	60	100	•

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 25th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 26th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1024.9	NNE	2	3o	48	1023.9	NNE	2	3o	36
Brussels	1025.4		3	6	46	1024.3	NE	1	0	37
Berlin	1020.3	WSW	3	c/d	41	1020.5	NNE	2	3o	41
Zurich						1019.9	N	2	0	41
Rome	1014.5	NNW	1	c	57	1009.7	NE	4	c	54

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 26th

South Kensington. Kew	Max.	Time.	Min.	Time.
	0.9	21h 25th	0.1	15h 25th

Kew Observatory. S. Kew	Max.	Time.	Min.	Time.
	1.0	21h 25½	<0.3	05.7h. 26th.

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
55	34	-	-
54	36	-	-
43	39	0.5	0.5
	39		-
			-

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2¼ ,,
6 Moderate ,,	6¼ ,,
7 Good ,,	12¼ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 27th March 1934.

No. 26423

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

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)	1021·7	-10	S	2	c	49	85	5	5	-	-	9	9	800
	Croydon	1021·8	-16	SW'W	2	3o	50	75	6	7	-	-	9	9	2500
	S. Farnborough	1021·2	-18	SSW	3	3o	51	75	6	5	-	-	9+	9+	800
	Boscombe Down	1021·0	-14	SSE	4	m	52	85	4	5	-	-	4-6	4-6	800
	Calshot, S'thmtn	1022·3	-10	S'W	2	id.	45	85	5	5	-	-	10	10	450
	Dungeness	*	*	SE	2	bc	*	*	7	4	-	*	4-6	4-6	2500
	Lympne	1023·0	-14	SSE	2	bc	42	85	7	5	-	4	1	4-6	1500
2	Shoeburyness	1022·1	-18	SE	3	bc	48	75	7	-	9	6	0	4-6	-
	Felixstowe	1022·2	-14	SE'S	3	bc	45	65	8	5	-	8	1	4-6	1500
	Gorleston	1022·0	-12	SE'S	5	bc	43	75	7	-	4	2	0	4-6	-
	Cranwell	1019·9	-12	SW	3	c	56	55	7	5	1	-	9	9+	4000
3	Birmingham	1020·2	-10	SW	2	d.d.	50	85	6	6	2	-	4-6	10	1500
	Upper Heyford	1020·1	-22	SW	3	c	55	65	6	9	-	-	7-8	7-8	1500
4	Ross-on-Wye	1019·8	-10	W'S	3	c	51	75	6	5	2	-	4-6	10	2500
5	Portland Bill	1021·7	-10	SW	3	3o	45	95	5	5	-	-	10	10	1500
	Plymouth	1021·8	-10	SSW	2	dd	47	95	5	5	-	-	10	10	<150
	The Lizard	1023·0	0	NNW	4	c	45	95	8	8	-	-	10	10	2500
	Scilly (St. Mary's)	1024·6	+6	NW	5	c	48	75	7	8	-	-	7-8	7-8	4000
	Guernsey	1022·2	-12	-	0	3o	50	75	6	-	1	8	0	7-8	-
6	Pembroke	1021·4	+8	NW	3	c	47	85	7	8	7	-	4-6	7-8	4000
7	Holyhead	1021·3	+14	NW'W	4	:	46	85	8	5	-	-	7-8	7-8	5700
	Chester (Sealand)	1021·1	+14	NW'W	5	ir.	46	75	7	5	2	-	7-8	9+	1500
8	L'pool (Bidston)	1021·3	+8	NW'W	4	ir.	43	95	8	5	2	-	4-6	9+	2500
	Manchester	1019·8	+10	NW	4	ir.	45	86	6	5	-	-	9+	9+	1500
9	Harrogate	1018·4	-6	SW	3	c	47	85	7	6	7	1	7-8	9+	2500
10	Spurn Head	1018·8	-4	SW	3	c	55	65	7	5	7	-	4-6	7-8	4000
	Catterick	1017·9	-4	W	3	pr.	49	75	7	8	-	-	9+	9+	2500
	Tynemouth	1016·8	-4	W	3	bc	51	75	7	9	-	-	4-6	4-6	1500
11	Inchkeith	1015·3	+6	SW	4	bc	47	75	8	2	6	-	4-6	4-6	4000
	Leuchars	1014·8	+12	WNW	4	bc	52	55	9	8	3	-	4-6	4-6	4000
12	Renfrew (Abbotsl)	1017·3	+18	WNW	4	c/pr	47	65	8	9	-	-	7-8	7-8	2500
	Eskdalemuir	1017·7	+14	W'N	3	c	44	75	8	8	9	3	7-8	9+	2500
13A	Tiree	1018·6	+14	WNW	4	bc	46	75	8	3	4	-	2-3	2-3	1500
13B	Stornoway	1014·8	+8	WNW	4	c/pr.	45	75	8	2	7	3	4-6	7-8	1500
15	Dalwhinnie	1016·5	+18	W	3	c	41	85	8	4	4	-	4-6	7-8	1500
	Aberdeen	1014·0	-16	WNW	4	c/pr	47	65	8	9	7	-	4-6	9+	1500
	Wick	1013·0	+24	WNW	4	c	44	85	8	8	1	-	7-8	9+	1500
16	Lerwick	1008·6	-10	S	4	ir.	45	95	6	9	2	-	9	10	450
17	Blacksod Point	1023·8	+20	WNW	4	bc	46	75	8	9	-	-	4-6	4-6	800
18	Malin Head	1019·7	+18	W	4	bc	46	75	7	3	-	-	4-6	4-6	1500
	Aldergrove	1021·0	+18	WNW	2	psh	44	75	9	9	-	3	9	9	1500
	Donaghadee	1020·1	+8	NNW	3	bc	47	65	8	8	3	-	4-6	4-6	1500
19	Birr Castle	1023·8	+12	NW	3	ph.r.	47	95	8	3	-	6	9	9	2500
20	Valentia Obsy.	1027·3	+12	NW'N	5	bc	48	65	8	2	-	-	2-3	2-3	2500
	Roches Point	1023·9	+6	NW	4	bc	48	65	8	3	-	-	4-6	4-6	1500

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

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)	1020·1	0	SSW	3	c	49	75	5	5	3	-	4-6	7-8	2500	1	*
	Croydon	1020·0	+2	S'W	3	3o	46	85	6	5	7	1	2-3	4-6	4000	1	*
	S. Farnborough	1020·0	+2	SSW	3	c	47	85	5	5	-	-	10	10	800	1	*
	Boscombe Down	1019·6	-4	-	0	r.r.	45	95	4	5	-	-	10	10	450	1	*
	Calshot, S'thmtn	1020·9	-4	SSW	2	o	44	85	6	5	-	-	10	10	450	1	1
	Dungeness	*	*	SW	2	bc	*	*	7	4	8	*	2-3	4-6	4000	*	0
	Lympne	1020·8	-4	SW'S	1	bc	45	75	7	-	-	1	0	2-3	-	1	*
2	Shoeburyness	1020·2	-6	ESE	2	b	44	85	6	-	-	1	0	Tr.	-	0	*
	Felixstowe	1020·7	-6	SE	2	bc	41	85	8	-	-	1	0	2-3	-	0	1
	Gorleston	1020·4	-6	S'E	4	bc	42	85	6	-	7	1	0	4-6	-	0	2
	Cranwell	1020·0	+2	NW'W	4	c/d	46	85	6	5	7	-	4-6	10	1500	1	*
3	Birmingham	1021·0	+4	NNW	3	ir.	43	85	6	6	2	-	4-6	10	2500	1	*
	Upper Heyford	1020·4	+14	NNW	4	ir.	44	95	6	6	2	-	9	10	800	1	*
4	Ross-on-Wye	1021·0	+6	NE	1	ir.	43	95	7	6	-	-	10	10	1500	1	*
5	Portland Bill	1020·2	-10	N	4	o	46	95	8	5	-	-	10	10	1500	1	3
	Plymouth	1021·5	+2	NW	4	c	46	75	8	5	-	-	7-8	7-8	4000	1	2
	The Lizard	1023·1	+2	NNW	4	bc	46	85	8	8	-	-	4-6	4-6	2500	1	2
	Scilly (St. Mary's)	1024·9	-2	NNW	5	b	46	75	7	-	-	-	0	0	-	1	2
	Guernsey	1020·4	-8	WNW	1	3o	48	85	6	5	-	-	10	10	1500	1	1
6	Pembroke	*	+22	NW	2	bc	46	85	7	5	8	-	4-6	4-6	4000	1	2
7	Holyhead	1022·3	+10	N	3	bc	45	75	8	4	-	-	2-3	2-3	4000	1	2
	Chester (Sealand)	1022·1	+8	NW'W	4	c	46	75	7	5	3	-	4-6	9	1500	1	*
8	L'pool (Bidston)	1022·1	+2	NW	4	c	44	85	8	5	4	-	2-3	7-8	4000	1	*
	Manchester	1022·5	+12	NW'N	4	c	45	65	6	5	3	-	Tr.	9+	1500	1	*
9	Harrogate	1019·6	+6	WSW	2	c	45	85	9	5	-	-	9+	9+	4000	1	*
10	Spurn Head	1018·7	0	W	3	3o	46	95	5	5	2	-	7-8	9+	800	0	2
	Catterick	1019·6	+8	W'N	2	c	47	65	8	8	7	-	2-3	9	2500	0	*
	Tynemouth	1018·2	+8	NW	3	c	50	55	7	4	-	-	7-8	7-8	4000	1	1
11	Inchkeith	1019·1	+16	W	4	bc	45	75	8	2	4	-	2-3	4-6	4000	0	3
	Leuchars	1018·6	+22	NW	4	b	47	45	9	1	-	-	1	1	4000	1	*
12	Renfrew (Abbotsl)	1020·4	+18	W'N	4	bcjp	43	65	8	9	-	-	4-6	4-6	2500	1	*
	Eskdalemuir	1020·0	+18	W'N	3	bc	43	55	8	4	4	-	1	2-3	2500	1	*
13A	Tiree	1021·2	+20	W	4	bc	43	75	8	3	4	-	2-3	2-3	1500	1	4
13B	Stornoway	1017·7	+12	WSW	2	c	42	75	8	3	7	-	4-6	7-8	2500	1	4
15	Dalwhinnie	1020·0	+24	W	2	is.	38	85	6	3	4	-	4-6	7-8	800	1	4
	Aberdeen	1017·9	+20	NW'W	3	bc	46	65	8	8	-	-	2-3	2-3	4000	0	1
	Wick	1016·7	+16	NW	3	c	42	75	8	8	6	-	4-6	7-8	1500	0	2
16	Lerwick	1012·8	+36	W'N	3	bc	42	85	8	5	6	-	4-6	4-6	1500	1	*
17	Blacksod Point	1026·4	+12	WNW	4	bc	45	65	8	9	-	-	4-6	4-6	800	1	3
18	Malin Head	1022·2	+2	NW	4	bc	45	75	7	3	8	-	2-3	2-3	1500	1	2
	Aldergrove	1023·4	+16	NW	4	bc	44	65	8	8	-	3	2-3	2-3	2500	1	*
	Donaghadee	1022·2	+6	N	2	bc	46	65	8	8	-	-	4-6	4-6	1500	1	1
19	Birr Castle	1025·8	+8	NW	3	c/pr.	45	65	8	3	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	1028·3	+2	NW'N	5	b	47	55	8	2	-	-	1	1	2500	1	3
	Roches Point	1025·1	+6	N	5	bc	47	65	8	3	-	-	2-3	2-3	1500	1	4

PAST 24 HOURS.

Weather. 7h.–13h. 26th (37)	13h.–18h. 26th (38)	18h. 26th to 1h. 27th (39)	1h.–7h. 27th (40)
ofom	bc.c3.	c3.o	o3.c
bmem.	c-bbc3.	bc.om.	oc m.
cm.omem.	cbcbc3.c	c o	o od.c
oFFm	d.r.r.	r.r.rr	c m.
cm.od.m.	oid.om.	om.c m.	c m.
bc	bc		f
cm.bc	bbc	bcbmcw	ci f om.
ofebc	bcb	bbc m.	c m.
cbcv	bcbv	b, c	cbc3.
cbcq	bc	bcc	c
c3.bc	cr.d.	cd.c	bc
c	cdir	r.c	cbm
fcmbc	cr.q	cr.r.	c m.
cm.c	cp.or	r.oc	ccb
om	mo	c	c
om.edd	oddc	cb	bw
ffrc	cpr.	bcb	bbc
cd.c	cbcb	bbcb	bbcc
ofcm	cbcc3	oid.	o
ciDmc	cbc	bc	bc
d.r.mc	cb	bcb	bw
bcir.	ir.c	bcb	bm.x
c cir	ir.c	cbcb	b bw
cr.q	cr.c	bc bx	bxm
c	c	cbc	bx
fbcc	cifd	idc	cbc
cmcpr.	cpr.	cbc	bc
cbc	bcc	cbc	bc
cpr.	cbc	bc	bc3.
ir.id.q	cpr.by	by b bx	bx bxv
cr.prc	bcpr.	bcb	b x
Firc	cbcby	y bw	b x
PRq	pr.q	b	bw
cir.c	cph.r.	bcpr.	bcw
ir	ish	*	bc
ckqpr	cbc	bc b	b bx
cpr.c	cpr.	bc	bc
cir.m.	cir.bc	bcpc phr	bc pr.
phrc	bc	bc	pr.c
cpr	bcpr.	bc	bc
bccPRv	cprbc	b	b
ir.bc	phrbc	bc	bcx
bccpr	cpr.	bc b	bx
pr.bc	pr.bcb	bbc	bc bx
p.bc	bc	bc bx	b bc x

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

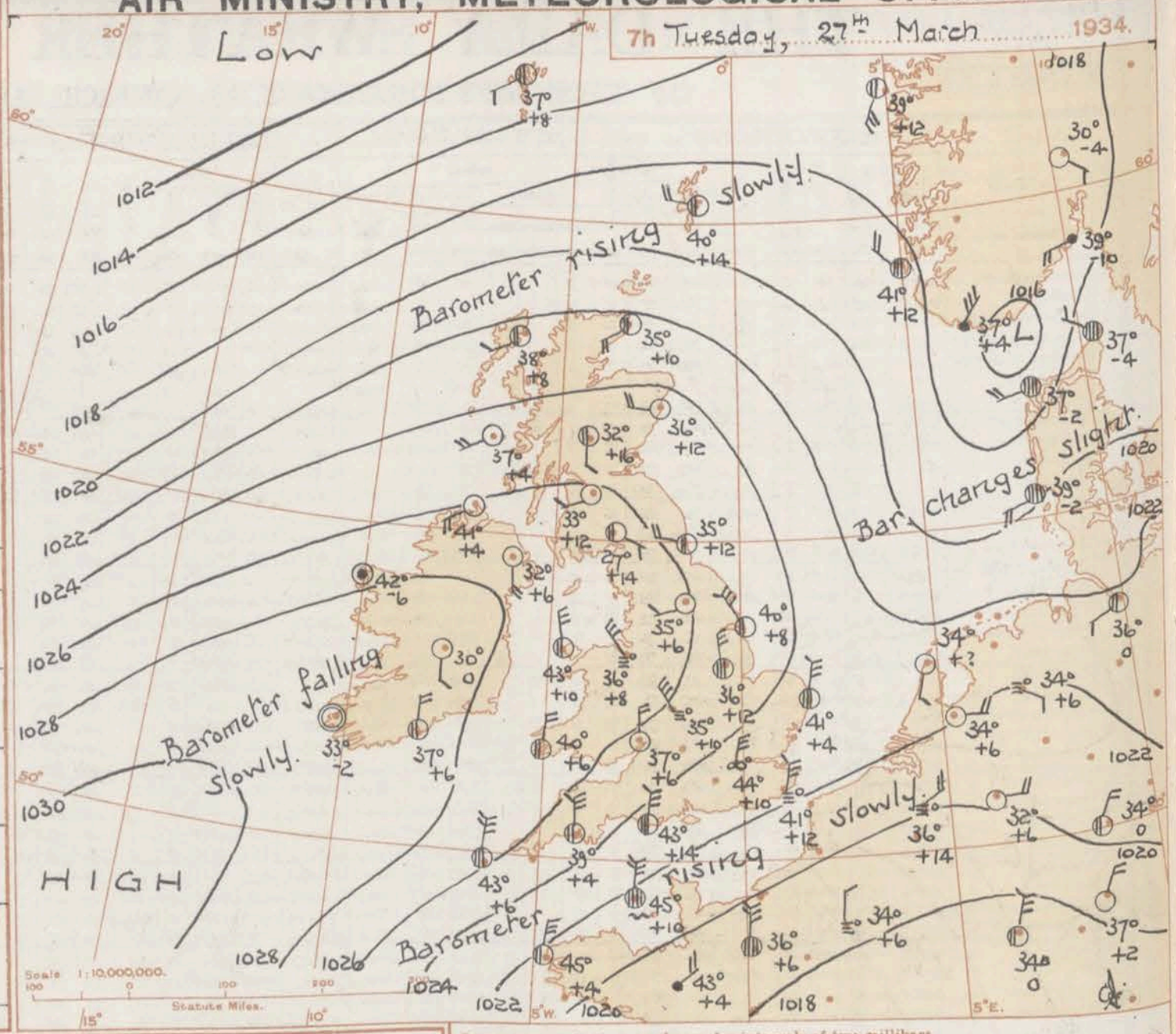
REPORTS from HEALTH RESORTS for 26th March 1934.

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.	bbc	bbc	325	53	-	-	7·0	6·0
	Bournemouth	o	om	42	47	-	-	0·0	4·1
	Ventnor ...	omcou	ocoj	37	45	-	-	0·1	6·6
	Southsea ...	cb	o	37	48	-	-	2·7	6·9
	Bognor Regis	c	cbco	35	45	-	-	0·8	5·2
	Littlehampton	c	cbc	30	45	-	-	0·6	5·0
	Worthing ...	c	c	32	45	-	-	0·8	7·6
	Brighton ...	bcc	c	31	44	-	-	1·6	8·6
	Eastbourne†	bcc	cbbc	31	45	-	-	4·7	3·8
	Hastings† ...	bbcc	cbcb	35	45	-	-	5·2	4·2
	Folkestone ...	xbcb	b	34	49	-	-	8·1	6·6
	Dover... ...	bc	bcb	35	47	-	-	7·5	7·1
	Deal	b	b	36	45	-	-	8·4	7·5
	Ramsgate ...	bbc	bcb	36	45	-	-	8·3	7·3
	Margate ...	bc	bc	37	47	-	-	8·0	7·3
2	Southend ...	ofbc	bcm	31	50	Trace	-	6·5	7·4
	Maldon ...	xmobb	b	30	52	-	-	4·6	9·0
	Clacton-on-Sea	bccbc	bc	38	44	-	-	6·9	7·7
	Dovercourt ...	bcw	bc	35	46	-	-	6·3	8·5
	Lowestoft ...	cbcb	b	35	44	-	-	8·3	8·0
	Skegness ...	o	bcbo	38	52	-	-	4·0	10·4
	Mablethorpe	bcm	bccm	35	55	-	Trace	6·5	10·8
	Cleethorpes...	bc	cobo	36	60	-	Trace	4·7	10·9
3	Leamington S.	ocbc	or	36	56	-	1	0·7	10·2
4	Cheltenham†	co	opor	39	52	-	0·3	0·2	9·5
5	Bath	cbo	cr	38	56	-	0·3	1·9	2·2
	Weymouth ...	mc	c	43	49	-	-	0·2	5·6
	Jersey ...	ec3bc	bcc	37	49	Trace	-	6·7	4·2
	Torquay ...	wmbc	corp	46	54	-	0·6	1·0	7·6
	Penzance ...	orrco	cbcb	42	57	1	1	3·3	1·4
	St. Ives ...	d	drcbc	43	49	0·3	0·5	2·9	1·6
	Bude	mcd	irbc	43	55	Trace	2	0·8	4·5
	Ilfracombe ...	or	ocbc	47	51	-	2	0·4	4·3
6	Aberystwyth	cor	irbc	42	46	1	3	0·8	3·9
7	Llandudno ...	ror	cbc	44	48	1	3	1·6	5·6
	Colwyn Bay...	orrod	dobcc	44	49	1	1	0·3	5·8
	Rhyl	cidc	dbcc	42	50	-	1	0·5	5·0
8	Wallasey ...	cor	c	39	52	-	0·5	0·3	4·5
	Southport‖ ...	do	doc	43	48	0·2	0·5	0·8	5·3
	Blackpool ...	oro	oc	42	48	0·5	-	0·8	6·2
	Morecambe ...	rco	rcbc	42	48	1	0·3	0·8	7·6
9	Ilkley... ...	cdoc	c	36	50	Trace	Trace	0·9	9·4
10	Berwick-on-T.	cbc	cbcc	43	52	-	-	3·9	8·4
11	Dunbar ...	bc	bc	45	52	-	-	5·1	8·2
12	Troon... ...	dedrc	cbbcb	43	49	4	-	5·9	2·2
	Douglas ...	cb	cbbc	43	50	1	-	4·4	2·0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday, 27th March 1934.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol :— ◯ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS :— ◯ Clear sky. ◔ Sky less than 1/10 clouded. ◑ Sky 1/10 to 5/10 clouded. ◕ Sky 6/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✳ Snow. ✳ Sleet ▲ Hail ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~ Rough. ≈ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate to light northeast or north wind, becoming variable, finally southwest; fair; local morning fog; average day temperature; ground frost at night.
7. North Wales 8. N.W. England 9. N Midlands 10. N.E England	Light variable wind, freshening from southwest later; fair at first, perhaps occasional rain tomorrow; rather mild during day, ground frost at night.
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light or moderate southwest wind, freshening; fair at first, occasional rain later; milder.
13. A. W. Scotld. B. N.W. Scotland.	Freshening southwest wind, strong locally, veering west tomorrow; cloudy, occasional rain; milder.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 11 - 12.
17. N.W. Ireland	As 13.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 11 - 12.

GENERAL INFERENCE.

A wedge of high pressure is moving southeast over the British Isles and a depression near Iceland is moving E.N.E., and an associated trough is approaching our northwest coasts. Weather will be fair at first but rain will spread over the northwestern area later.

FURTHER OUTLOOK.

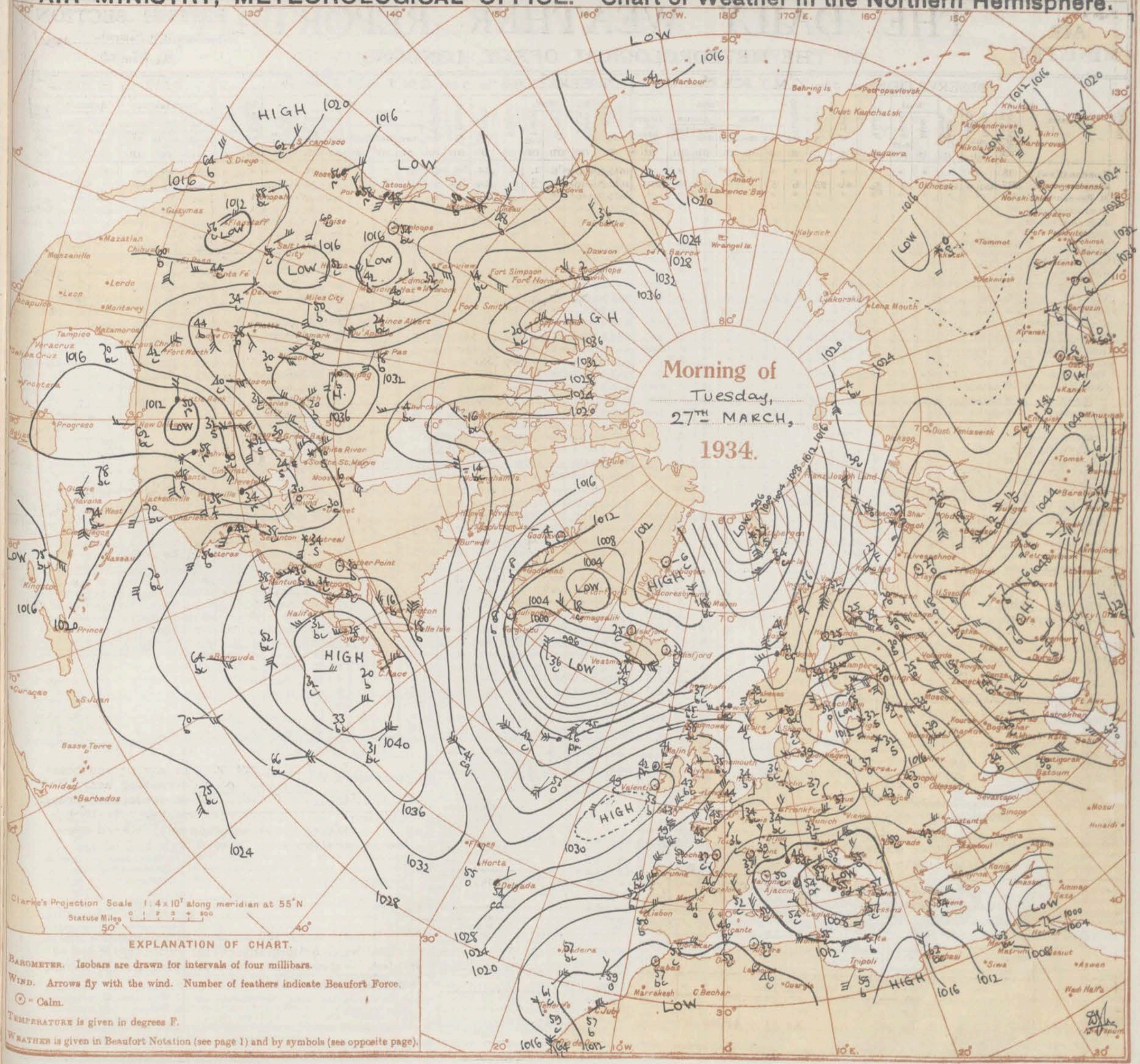
Rather unsettled in northern districts and Ireland with bright intervals; becoming somewhat colder. Fair periods predominating in the South, but not quite settled.

Forecasts issued at 1015 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. Ap. 755/2709 m 41 8,500 3/34

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 27th March 1934.

No. 26423

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

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	+10	N	2	30	46	85	6	5	–	–	10	10	1500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1021.4	-2	NE'N	1	m	40	95	4	5	–	–	9+	9+	5700
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1022.0	+4	SWS	2	c	39	95	6	5	–	–	9+	9+	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021.6	+6	N'E	4	c	44	95	7	5	–	–	10	10	2500
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1025.2	+8	NNW	3	b	41	95	8	–	–	–	0	0	–
	Scilly (St. Mary's)	163	1026.5	+8	N'E	5	b	45	75	8	1	–	–	Tr	Tr	4000
	Guernsey	175	1024.2	+4	NNE	5	id.	45	85	7	5	–	–	10	10	1500
6	Pembroke	142	1024.7	+16	N	3	bc	41	85	7	5	–	–	2-3	2-3	5700
7	Holyhead	26	1026.1	+14	NNW	4	b	43	85	8	–	–	–	0	0	–
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1021.4	+4	NW'N	3	c	44	85	7	–	2	–	0	9+	–
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1022.9	+20	W	2	bc	37	85	7	4	–	–	2-3	2-3	4000
11	Inchkeith	190	1023.7	+20	W	2	bc	38	85	6	5	–	–	2-3	2-3	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts'D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1020.9	+10	SW	2	bc	39	85	8	8	6	–	2-3	2-3	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1020.4	+10	SW	3	bc	35	85	8	5	–	–	2-3	2-3	2500
16	Lerwick	54	1016.3	+10	WSW	4	bc/pr	40	75	8	8	–	–	4-6	4-6	800
17	Blacksod Point	18	1030.9	+24	–	0	bc	39	85	8	2	–	–	2-3	2-3	2500
18	Malin Head	52	1024.7	+4	WSW	3	bc	41	85	7	2	–	–	2-3	2-3	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1029.7	+4	NW'W	3	bc	44	85	8	1	–	–	2-3	2-3	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

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)	1023.6	+10	N'E	2	c	44	75	6	5	–	–	10	10	2500	1	*
	Croydon	1022.9	+10	N'E	3	3o	44	75	5	5	7	–	Tr	10	2500	1	*
	S. Farnborough	1023.7	+10	N'E	3	o	43	75	6	5	–	–	10	10	4000	1	*
	Boscombe Down	1024.1	+12	N	4	3o	40	95	5	5	–	–	10	10	5700	1	*
	Calshot (S'thmtn)	1023.2	+10	N	4	c	44	75	6	5	–	–	7-8	7-8	2500	1	1
	Dungeness	*	*	NE	2	wcf	*	*	43	5	–	*	10	10	1500	*	0
	Lympne	1022.4	+12	N'E	4	3o	41	95	5	5	–	–	10	10	800	1	*
2	Shoeburyness	1023.2	+10	N	1	c	42	95	5	5	–	–	9+	9+	4000 4500	0	*
	Felixstowe	1022.7	+10	N'E	2	3o	42	95	6	7	3	8	4-6	7-8	5700	0	1
	Gorleston	1022.6	+4	N'E	4	c	41	95	6	5	–	–	9+	9+	2500	0	2
	Cranwell	1025.6	+12	NNW	3	c	36	85	7	5	4	–	7-8	7-8	4000	1	*
3	Birmingham	1026.0	+10	NW	3	m	35	95	4	–	–	9	0	1	–	1	*
	Upper Heyford	1025.1	+12	N	3	c	39	85	6	5	–	–	9+	9+	1500	1	*
4	Ross-on-Wye	1025.5	+6	N	2	b	37	85	8	5	–	–	Tr	Tr	4000	1	*
5	Portland Bill	1023.3	+14	NNE	4	c	43	85	8	5	4	–	4-6	9	1500	1	3
	Plymouth	1024.6	+4	N	4	bq	39	95	8	–	3	–	0	1	–	1	2
	The Lizard	1025.7	+4	N'W	3	bc	41	85	8	7	–	–	2-3	2-3	4000	1	2
	Scilly (St. Mary's)	1026.9	+6	N'E	5	c	43	85	7	8	–	–	7-8	7-8	4000	1	3
	Guernsey	1022.0	+10	N'E	5	o	45	75	6	5	–	–	10	10	1500	1	4
6	Pembroke	1027.4	+6	NNE	2	bc	40	85	7	2	–	–	4-6	4-6	4000	1	1
7	Holyhead	1027.1	+10	N'W	3	bc	43	85	8	4	–	–	2-3	2-3	4000	1	1
	Chester (Sealand)	1027.3	+8	NWW	3	3o	36	95	5	–	–	–	0	0	–	1	*
8	L'pool (Bidston)	1027.3	+6	N	2	b	39	95	8	7	–	–	1	1	4000	1	*
	Manchester	1026.2	+12	–	0	m	28	95	4	–	–	–	0	0	–	4	*
9	Harrogate	1026.0	+6	WSW	1	b	36	75	8	–	–	–	0	0	–	1	*
10	Spurn Head	1025.5	+8	NW	4	bc	40	95	7	–	2	9	0	4-6	–	0	3
	Catterick	1026.6	+12	W'N	2	b	36	75	8	–	–	–	0	0	–	0	*
	Tynemouth	1024.5	+12	W	2	bc	35	75	6	5	–	–	2-3	2-3	1500	1	1
11	Inchkeith	1025.8	+16	WSW	2	3o	37	95	6	5	–	–	2-3	2-3	1500	0	1
	Leuchars	1025.6	+16	WSW	2	b	31	85	9	–	–	–	0	0	–	4	*
12	Renfrew (Abbotts'D)	1026.0	+12	SW	1	b	33	95	7	7	–	–	1	1	4000	04	*
	Eskdalemuir	1027.3	+14	E	1	bc	27	95	8	4	–	–	4-6	4-6	1500	4	
13A	Tiree	1024.6	+4	SW	2	b	37	85	7	3	5	–	3Tr	1	1500	1	3
13B	Stornoway	1022.3	+8	SW	1	bc	38	95	8	5	4	–	2-3	2-3	2500	1	1
15	Dalwhinnie	1025.7	+16	S	1	bc	32	85	8	4	–	–	4-6	4-6	4000	5	*
	Aberdeen	1024.1	+12	W	2	b	36	75	8	–	–	–	0	0	–	0	1
	Wick	1021.7	+16	SW	2	bc	35	85	8	7	–	–	2-3	2-3	2500	0	2
16	Lerwick	1018.8	+14	W	2	bc/jp	40	75	8	8	–	–	4-6	4-6	1500	1	*
17	Blacksod Point	1027.1	-6	–	0	c/pr	42	95	8	6	–	–	7-8	7-8	800	1	2
18	Malin Head	1025.3	+4	SW'S	2	b	41	95	8	5	4	–	1	1	1500	0	2
	Aldergrove	1027.6	+6	SSE	2	b	32	95	7	5	–	–	1	1	800	4	*
	Donaghadee	1026.9	+4	SW	1	bc	35	95	8	5	–	–	4-6	4-6	1500	0	0
19	Birr Castle	1028.8	0	S	1	b	30	95	8	–	–	–	0	0	–	4	*
20	Valentia Obsy.†	1029.4	-2	–	0	b	33	95	8	1	–	S	Tr	1	2500	1	3
	Roches Point	1029.2	+6	N	2	bc	37	95	8	5	–	–	2-3	2-3	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 26th Hrs. (36)
1	London (Kew)	53	44	41	Tr.	–	3·7
	Croydon	54	43	40	–	–	6·0
	S. Farnborough	54	42	41	–	Tr	3·2
	Boscombe Down	53	39	38	0·3	4	2·3
	Calshot (S'thmtn)	46	43	41	Tr.	–	0·0
	Dungeness	45	33	*	–	–	*
	Lympne	48	35	28	–	–	8·1
2	Shoeburyness	49	33 39	33	–	–	6·1
	Felixstowe	45	36	31	–	–	6·9
	Gorleston	45	39	36	–	–	8·5
	Cranwell	58	36	35	0·2	Tr	2·7
3	Birmingham	51	35	31	1	0·1	0·1
	Upper Heyford	57	39	38	0·1	1	*
4	Ross-on-Wye	52	37	30	2	0·1	0·1
5	Portland Bill	48	40	*	–	–	*
	Plymouth	49	39	36	1	–	0·1
	The Lizard	48	40	*	1	–	*
	Scilly (St. Mary's)	49	42	*	1	–	5·9
	Guernsey	51	44	43	–	0·1	3·0
6	Pembroke	50	38	*	1	–	4·2
7	Holyhead	48	42	38	1	–	4·9
	Chester (Sealand)	52	35	31	Tr.	–	0·2
8	L'pool (Bidston)	49	38	35	0·3	–	0·1
	Manchester	51	27	20	Tr.	–	0·0
9	Harrogate	50	34	27	–	–	0·1
10	Spurn Head	57	39	*	Tr.	0·1	3·3
	Catterick	53	32	23	Tr.	–	0·8
	Tynemouth	52	34	31	–	–	*
11	Inchkeith	49	36	30	–	–	7·7
	Leuchars	54	29	22	0·1	–	5·4
12	Renfrew (Abbotts'D)	48	28	22	0·2	–	4·0
	Eskdalemuir	49	25	21	2	–	5·0
13A	Tiree	47	37	30	2	–	7·3
13B	Stornoway	47	35	*	1	0·5	4·8
15	Dalwhinnie	45	29	22	3	Tr	2·7
	Aberdeen	52	33	22	Tr.	–	3·5
	Wick	48	33	*	Tr.	–	*
16	Lerwick	46	38	*	0·4	1	0·1
17	Blacksod Point	50	38	*	1	0·6	*
18	Malin Head	48	38	*	1	–	8·2
	Aldergrove	51	30	22	2	–	7·3
	Donaghadee	51	32	*	0·5	–	*
19	Birr Castle	49	28	16	0·5	–	7·5
20	Valentia Obsy.†	49	33	29	Tr.	Tr	4·4
	Roches Point	50	36	*	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. (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. 18h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
								Yesterday.			To-day.		
Kew	18	o/om	b3,c3,	c03,c	53	44	41	Tr	–	3·7	*	*	6
Croydon	217	bmcm,	c/bc3,	bc3cm,	54	43	40	–	–	6·0	*	*	4
Greenwich (Royal Observatory)	149	cm,	b3,m,	cr,m,	56	43	37	–	Tr	5·0	68	85	5
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2·5	*	*	*
Westminster (St. James' Park)	27	*	*	*	54	41	40	–		3·1	67	79	*
†Regents Pk. (Botanic Gardens)	128	*	*	*	54	41	41	–	Tr	2·9	73	84	*
Camden Square	110	omc	c/bbc	*	55	45	42	–	–	*	*	75	*
Kensington	80	f/bcb	b	*	55	44	39	–	–	2·9	At 18h.	84	*
Hampstead Observatory	450	o	bc	o/d	53	40	37	–	Tr	2·8	*	94	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 27th.

South Kensington. Max.	Time.	Min.	Time.
0·6	22h. 26th.	<0·3	23h. 26th. 8h. 27th.

Kew Observatory. Max.	Time.	Min.	Time.
0·7	10h. 26th.	0·1	15h. 26th.

FOREIGN OBSERVATIONS.

18h. G.M.T. 26th March

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1018·9	NNW	2	b	46
Brussels	1020·3	ENE	2	c	43
Berlin	1021·4	N	3	o	39
Zürich	1017·2	E	2	b	50
Rome					

7h. G.M.T. 27th March

Stations	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1019·3	N	1	bcm	34
Brussels	1021·0	NE	2	bm	36
Berlin	1023·3	WSW	2	c3o	37
Zürich	1016·4	WNW	1	bc	34
Rome	1006·3	NNW	3	d.d.	55

Past 24 Hours.

Stations	Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	52	32	–	–
Brussels	48	32	–	–
Berlin	43	34	Tr	–
Zürich	55	32	–	–
Rome	x	x		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 ,,	6¼ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 28th March 1934.

No. 26424

District.	Stations. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 27th March. 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	-2	NNE	4	c	51	55	6	5	-	-	7-8	7-8	2500
	Croydon ...	1023·7	-2	NNE	4	3_o	49	65	6	5	-	-	9+	9+	2500
	S. Farnborough	1024·0	-2	NNE	4	c	51	65	7	7	-	-	7-8	7-8	2500
	Boscombe Down	1023·9	-4	NNE	4	bc	52	65	7	1	-	-	4-6	4-6	4000
	Calshot, S'thmtn	1023·6	0	N'E	3	3_o	53	55	6	7	-	-	9+	9+	4000
	Dungeness ...	*	*	NE	3	c	*	*	5	4	-	*	9+	9+	2500
	Lympne ...	1023·4	+2	NNE	5	3_o	45	85	6	5	-	-	10	10	1500
2	Shoeburyness	1024·2	+4	NE'N	4	c	46	86	7	5	-	-	10	10	1500
	Felixstowe ...	1024·6	+6	NNE	4	c	46	75	7	5	-	-	10	10	1500
	Gorleston ...	1025·8	+14	N	4	bc	47	85	6	4	-	-	4-6	4-6	4000
	Cranwell ...	1026·0	-2	N'E	2	bc	50	55	7	1	-	-	4-6	4-6	4000
3	Birmingham ...	1025·8	-4	N	2	bc	48	45	6	1	-	-	4-6	4-6	4000
	Upper Heyford	1025·0	-2	NE	4	bc	51	55	8	2	-	-	4-6	4-6	2500
4	Ross-on-Wye ...	1025·0	-4	N'E	3	bc	51	65	7	1	-	-	4-6	4-6	4000
5	Portland Bill...	1023·1	-4	NE	4	c	53	65	7	4	-	-	7-8	7-8	2500
	Plymouth ...	1024·1	-10	NNE	4	b	53	45	8	1	-	-	Tr.	Tr.	4000
	The Lizard ...	1024·9	-4	N'E	4	b	49	65	8	1	-	-	1	1	4000
	Scilly (St. Mary's)	1026·6	-2	NNE	5	b	48	65	8	1	-	-	1	1	4000
	Guernsey ...	1022·5	-2	NE'E	4	o	46	75	5	5	-	-	10	10	2500
6	Pembroke ...	1025·3	-2	NNE	3	bc	49	55	8	5	4	-	1	2-3	5700
7	Holyhead ...	1027·7	0	NNW	1	b	47	75	8	4	-	-	1	1	4000
	Chester (Sealand)	1027·6	-2	WNW	3	bc	48	65	7	1	-	-	2-3	2-3	2500
8	L'pool (Bidston)	1027·4	0	N'W	3	b	45	75	8	1	-	-	Tr.	Tr.	4000
	Manchester	1026·5	-4	NNW	2	b	50	45	7	1	-	-	Tr.	Tr.	2500
9	Harrogate ...	1026·1	0	E	1	b	50	55	8	1	-	-	Tr.	Tr.	4000
10	Spurn Head ...	1026·5	+4	N'W	4	bc	48	75	7	5	-	-	2-3	2-3	4000
	Catterick ...	1026·1	-6	NNE	1	b	50	35	8	1	-	-	Tr.	Tr.	4000
	Tynemouth ...	1025·8	0	ENE	2	bc	47	65	8	1	-	-	2-3	2-3	4000
11	Inchkeith ...	1025·6	-2	SW	2	c	47	75	6	2	-	-	7-8	7-8	1500
	Leuchars ...	1025·3	-6	W	2	bc	50	55	8	1	-	-	4-6	4-6	4000
12	Renfrew (Abbotsl)	1025·3	-6	SW'W	4	c	51	55	8	8	-	-	7-8	7-8	4000
	Eskdalemuir ...	1025·8	-2	SSW	3	c	46	55	8	8	-	-	7-8	7-8	2500
13A	Tiree	1023·9	-6	SSW	6	bc	49	75	8	2	5	-	2-3	2-3	2500
13B	Stornoway ...	1020·7	-10	SW	4	pr	46	75	8	3	7	-	4-6	7-8	1500
15	Dalwhinnie ...	1023·8	0	S	4	bc	48	85	8	4	-	-	4-6	4-6	4000
	Aberdeen ...	1024·1	-2	S'W	2	c	49	55	7	7	-	-	7-8	7-8	4000
	Wick	1022·2	0	WSW	3	bc	48	65	8	7	6	-	2-3	4-6	2500
16	Lerwick ...	1020·1	+10	W	3	bc	45	65	8	8	-	-	4-6	4-6	2500
17	Blacksod Point	1025·0	-4	WSW	4	bc	50	65	8	2	5	-	4-6	4-6	2500
18	Malin Head ...	1024·6	-8	SW	3	c	48	75	7	8	-	-	9	9	1500
	Aldergrove ...	1026·8	-10	SW	3	bc	50	55	9	1	-	1	2-3	2-3	2500
	Donaghadee ...	1026·8	-2	E	1	bc	47	65	8	8	3	-	4-6	4-6	2500
19	Birr Castle ...	1027·5	-4	SW	2	c	53	55	8	7	-	-	7-8	7-8	2500
20	Valentia Obsy.	1028·1	-14	SW'S	2	bc	51	65	9	8	-	1	4-6	4-6	2500
	Roches Point...	1028·8	-6	SW	2	bc	49	65	8	5	-	-	4-6	4-6	2500

District.	Stations.	OBSERVATIONS at 18h. G.M.T. 27th March. 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) ...	1023·5	+2	NE'N	4	bc	50	45	5	5	-	-	2-3	2-3	2500	1	*
	Croydon ...	1023·1	0	E'N	3	3_o	46	75	6	7	-	-	2-3	2-3	4000	1	*
	S. Farnborough	1023·0	0	NE'N	3	c	49	55	7	4	-	-	7-8	7-8	4000	0	*
	Boscombe Down	1022·9	-4	NE'N	4	bc	50	55	7	8	-	-	4-6	4-6	2500	0	*
	Calshot, S'thmtn	1022·6	-4	NNE	4	c	51	55	7	7	-	-	7-8	7-8	4000	0	1
	Dungeness ...	*	*	NE	6	u	*	*	6	3	-	*	9+	9+	800	*	2
	Lympne ...	1023·1	-2	NNE	5	c	42	86	7	5	-	-	9+	9+	800	0	*
2	Shoeburyness	1023·8	0	NE	4	b	43	86	7	-	1	-	0	Tr.	-	0	*
	Felixstowe ...	1024·1	0	NE'N	3	b	44	86	7	1	-	-	1	1	1500	0	2
	Gorleston ...	1024·8	0	N'E	4	b	44	95	7	1	-	-	1	1	2500	0	2
	Cranwell ...	1025·8	0	ENE	2	b	46	65	7	4	-	-	1	1	4000	1	*
3	Birmingham ...	1024·6	-4	NNE	2	3_o	48	45	5	4	3	-	1	2-3	4000	1	*
	Upper Heyford	1024·4	-2	NE	3	b	47	65	8	7	-	-	Tr.	Tr.	2500	1	*
4	Ross-on-Wye ...	1023·8	-8	NE'E	2	3_o	49	65	5	2	-	-	4-6	4-6	4000	1	*
5	Portland Bill...	1022·3	-6	NE	3	c	49	75	7	4	-	-	10	10	2500	1	3
	Plymouth ...	1022·6	-2	N	3	3_o	52	65	6	7	-	-	7-8	7-8	4000	1	1
	The Lizard ...	1023·2	-10	N	3	bc	47	75	8	7	-	-	2-3	2-3	4000	1	2
	Scilly (St. Mary's)	1024·5	-6	NNE	5	b	45	75	8	-	-	5	0	1	-	1	3
	Guernsey ...	1021·8	-4	NE	3	bc	46	85	6	7	-	-	4-6	4-6	4000	1	3
6	Pembroke ...	1024·2	-12	N	2	bc	44	75	8	5	-	-	2-3	2-3	5700	1	1
7	Holyhead ...	1025·9	-6	N'W	1	b	43	85	8	-	-	5	0	1	-	1	0
	Chester (Sealand)	1026·1	-6	WNW	3	b	44	65	6	-	-	-	0	0	-	1	*
8	L'pool (Bidston)	1026·1	-12	NNW	2	b	44	75	8	-	-	-	0	0	-	0	*
	Manchester	1025·3	0	NNW	3	b	44	65	6	-	-	-	0	0	-	1	*
9	Harrogate ...	1024·9	-6	SSE	1	b	48	45	7	5	-	-	Tr.	Tr.	4000	1	*
10	Spurn Head ...	1025·6	-2	NE	2	bc	43	95	7	-	1	8	0	2-3	-	0	1
	Catterick ...	1025·2	-2	WNW	2	b	49	35	8	4	-	-	1	1	4000	0	*
	Tynemouth ...	1024·7	-4	E	2	bc	43	75	8	1	-	-	2-3	2-3	4000	0	1
11	Inchkeith ...	1024·0	-8	WSW	2	bc	47	75	7	4	-	-	2-3	2-3	2500	0	1
	Leuchars ...	1023·9	-6	WSW	3	bc	47	55	7	4	-	1	2-3	2-3	5700	1	*
12	Renfrew (Abbotsl)	1024·1	-6	SW'S	3	b	46	55	8	1	-	-	1	1	4000	1	*
	Eskdalemuir ...	1024·8	-4	SSW	3	c	43	75	8	4	-	-	7-8	7-8	4000	1	*
13A	Tiree	1021·7	-14	S'W	4	c	46	75	9	5	7	-	7-8	9+	2500	0	4
13B	Stornoway ...	1018·1	-16	SSW	5	c	45	85	7	8	6	-	7-8	9+	1500	1	3
15	Dalwhinnie ...	1023·2	-14	SW	3	bc	43	65	8	4	-	-	2-3	2-3	4000	0	*
	Aberdeen ...	1022·7	-10	S	2	b	45	75	6	7	-	-	1	1	4000	0	1
	Wick	1021·2	-4	SSW	4	c	46	65	8	8	6	-	4-6	7-8	1500	0	2
16	Lerwick ...	1020·3	+4	SW	3	bc	44	75	8	5	-	9	2-3	4-6	2500	1	*
17	Blacksod Point	1022·5	-26	WSW	4	c	47	75	8	8	-	-	7-8	7-8	800	1	3
18	Malin Head ...	1022·0	-14	SW	3	bc	48	75	8	5	8	-	2-3	4-6	1500	0	1
	Aldergrove ...	1024·3	-10	S'W	2	bc	48	55	8	5	-	-	2-3	2-3	4000	1	*
	Donaghadee ...	1024·6	-6	SW	1	bc	46	75	8	8	3	-	4-6	4-6	1500	0	0
19	Birr Castle ...	1024·6	-12	S	1	bc	50	65	8	4	-	8	1	2-3	2500	0	*
20	Valentia Obsy.	1025·1	-14	S'W	4	bc	49	65	9	1	-	1	2-3	2-3	2500	1	2
	Roches Point...	1026·1	-12	SW	3	bc	46	75	8	5	-	-	2-3	2-3	1500	1	2

District.	Stations.	PAST 24 HOURS. WEATHER. 7h.–18h. 27th (37)	18h.–18h. 27th (38)	18h. 27th to 1h. 28th (39)	1h.–7h. 28th (40)
1	London (Kew) ...	$c3_o$	$cbcm_oy$	$b3_o$	$bbc3_o$
	Croydon ...	cm_o3	$bcc3_o$	bwm_oc	c
	S. Farnborough	om_obc3_o	bccbcy	bcbx	b,c
	Boscombe Down	bm_obc	bcy	bcyb	bbcc
	Calshot, S'thmtn	$bccy3_o$	bcq,y	bcbbc	bcc
	Dungeness ...	c	c	*	c
	Lympne ...	od_ocm_o	cd_obcc	c	c
2	Shoeburyness	cm_oc	bcb	bbc	bc
	Felixstowe ...	$bc3_oc$	c-b	bbc	bccbc
	Gorleston ...	cbc	bcb	bw	bbcc
	Cranwell ...	bc	bcy	bx	bxoF
3	Birmingham ...	bbc	bc3	bbcb	bf
	Upper Heyford	cbbcy	cbcyb	bx	bofec
4	Ross-on-Wye ...	bbc	bcq3	$c3_obm$	bf_xo
5	Portland Bill...	c	c	bcb	bbc
	Plymouth ...	by	bycy	$c3_ob$	bm_oc
	The Lizard ...	bcb	bcb	bcb	bo
	Scilly (St. Mary's)	cbcb	b	bbcc	cbcc
	Guernsey ...	o	ocbc	bbcc	co
6	Pembroke ...	bcby	bbcb	b	bc
7	Holyhead ...	b	b	bw ⊕	bx
	Chester (Sealand)	3_ob	b	b_fx	f_fbx
8	L'pool (Bidston)	b	b	b	b_f
	Manchester	bxby	by	bx_f	bx_fF
9	Harrogate ...	b	b	b	bf_x
10	Spurn Head ...	bc	bcwf	if_cw	
	Catterick ...	bby	bybcy	yb_xf	xb_fbF
	Tynemouth ...	bc	bc	bcm	bcm
11	Inchkeith ...	$bc3_o$	cbc	bc	bcx
	Leuchars ...	bxvy	bcbvy	$bbcx_m$	cx_m
12	Renfrew (Abbotsl)	bxbcc	bcy	bcyb	bxm
	Eskdalemuir ...	bbcy	bcyc	bx	bcx
13A	Tiree	b	bbcc	c	bc
13B	Stornoway ...	bccpr	c	c	c
15	Dalwhinnie ...	bc	b	*	bc
	Aberdeen ...	bxbbc	bcyb	b_3b_3	b_3bx
	Wick	bc	bcc	bcc	c
16	Lerwick ...	$bcpr_o$	bc	bcc	c
17	Blacksod Point	cbc	cbcq	c	prc
18	Malin Head ...	bcc	cbc	c ⊕	cbc
	Aldergrove ...	bbc	bcv	bcbx	bxb
	Donaghadee ...	bc	bc	b	bx
19	Birr Castle ...	bcy	cbc	bc	bcbx
20	Valentia Obsy.	bxbc	bcv	bcvb	bbcv
	Roches Point...	bc	bc	bc⊕bw	bbcx

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

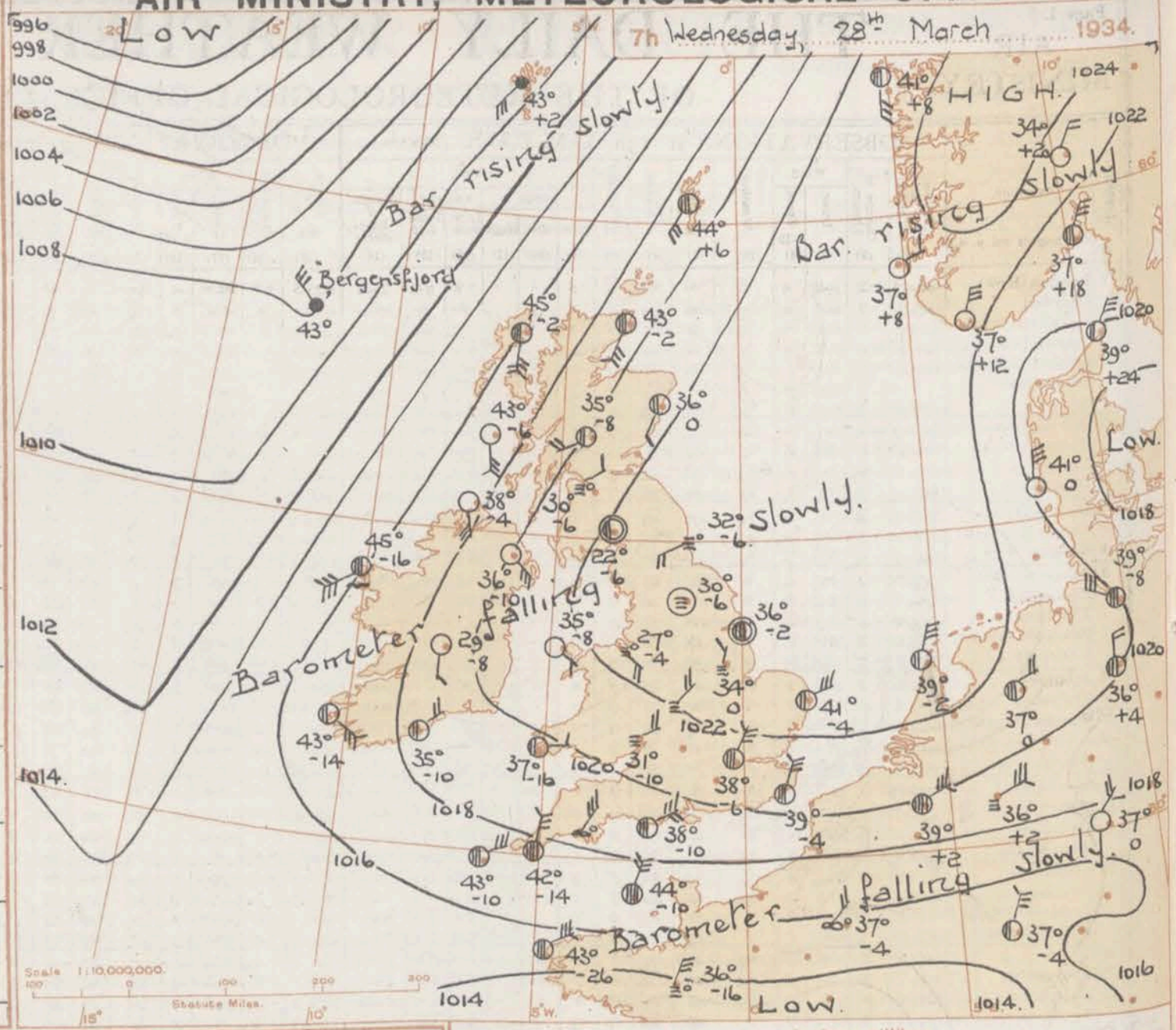
0 Dry.
1 Wet.
2 Flooded.
3 Covered with thawing snow.
4 Frozen hard and dry.
5 Covered with ice or glazed frost.
6 Partly covered by snow or hail.
7 Covered with snow, less than 6 ins., but ground not frozen.
8 Covered with snow, less than 6 ins., and ground frozen.
9 Covered with snow greater than 6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

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

REPORTS from HEALTH RESORTS for 27th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 26th to 9h. 27th	Temperature. Max. 9h.—17h. 27th	Rainfall. Night. 17h. 26th to 9h. 27th	Rainfall. Day. 9h.—17h. 27th	Sunshine. Sunrise to 17h. 27th	Sunshine. Sunrise to Sunset. 26th
1	Tunbridge W.	o	cbc	40	48	–	–	1·9	7·0
	Bournemouth	b	b	42	55	–	–	7·5	0·0
	Ventnor ...	cb	bbcc3	39	54	–	–	7·7	0·1
	Southsea ...	b	cbc	43	55	–	–	6·9	2·7
	Bognor Regis	bc	bc	42	52	–	–	6·8	0·8
	Littlehampton	bc	bc	42	52	–	–	6·0	0·6
	Worthing ...	bbcc	cbc	41	51	–	–	5·4	0·8
	Brighton ...	bc	cbc	41	52	–	–	4·1	1·6
	Eastbourne†	o	ob	41	49	–	–	1·6	4·7
	Hastings† ...	b	oc	40	47	–	–	1·0	5·2
	Folkestone ...	bcco	ocbc	35	48	–	–	2·3	8·4
	Dover... ...	bcmo	moc	36	48	–	–	3·3	9·0
	Deal	cbo	o	34	47	–	–	2·1	8·7
	Ramsgate ...	bcc	c	38	46	–	–	1·5	8·4
	Margate ...	c	c	39	44	–	–	0·0	8·1
2	Southend ...	cm	obcb	36	49	trace	–	2·1	6·5
	Maldon ...	oc	cbc	41	50	–	–	1·8	4·6
	Clacton-on-Sea	bcc	cbc	40	49	–	–	2·7	6·9
	Dovercourt ...	oc	bcv	38	49	–	–	3·0	6·3
	Lowestoft ...	ocbc	b	38	48	–	–	4·5	8·3
	Skegness ...	b	b	38	47	trace	–	9·0	4·0
	Mablethorpe	cbcbm	bbc	40	47	0·3	–	9·7	6·5
	Cleethorpes ...	b	b	39	48	0·2	–	10·3	4·7
3	Leamington S.	bcb	b	38	53	1	–	9·4	0·7
4	Cheltenham†	mbc	bcby	36	53	0·5	–	9·0	0·2
5	Bath	b	bbc	41	55	1	–	8·4	1·9
	Weymouth ...	b	bbc	42	55	–	–	6·7	0·2
	Jersey ...	fcbc	cb	40	50	–	–	0·7	6·7
	Torquay ...	by	bbcy	40	55	–	–	9·1	1·0
	Penzance ...	b	b	42	51	–	–	9·4	3·6
	St. Ives ...	b	b	43	47	–	–	6·9	3·8
	Bude	b	b	38	51	–	–	10·5	0·9
	Ilfracombe ...	b	b	41	51	–	–	10·2	1·5
6	Aberystwyth	bcb	bc	33	48	–	–	10·2	2·8
7	Llandudno ...	bcb	b	40	48	–	–	9·0	2·2
	Colwyn Bay...	bcbbc	bcb	36	46	–	–	10·2	0·7
	Rhyl	b	b	41	46	–	–	10·1	0·5
8	Wallasey ...	b	b	38	48	–	–	10·2	0·3
	Southport‖ ...	b	b	35	50	–	–	10·0	1·0
	Blackpool ...	cbc	bcb	36	48	–	–	10·4	1·8
	Morecambe ...	cbcb	b	31	49	–	–	10·4	1·7
9	Ilkley	b	b	31	57	–	–	9·4	0·9
10	Berwick-on-T.	bbc	bc	33	48	–	–	7·1	4·7
11	Dunbar ...	bm	bcm	35	50	–	–	5·9	5·3
12	Troon... ...	bcbcb	bcbc	39	48	–	–	9·1	7·0
	Douglas ...	bccb	bccb	37	50	–	–	8·7	4·7

† 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. 28th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Moderate east or northeast wind; fair; average day temperature; ground frost locally at night.
5. S.W. England	Moderate easterly wind; mainly fair, perhaps rain in Cornwall tomorrow; average day temperature, ground frost locally at night.
6. South Wales 7. North Wales	As 1 - 4.
8. N.W. England 9. N Midlands 10. N.E. England 11. S.E. Scotland	Light or moderate southeast to east wind; fair; rather mild during day, frost locally at night.
12. S.W. Scotland & Isle of Man 13. {A. W Scotld. B. N W Scotland} 14. Mid-Scotland 15. N.E Scotland 16. Orkneys and Shetlands.	Moderate or fresh south wind, backing southeast; fair; rather mild during day, frost locally at night.
17. N.W. Ireland	Moderate southeast to variable wind; variable cloud, local rain later; average temperature.
18. N.E. Ireland 19. S.E. Ireland	Moderate southeast wind; fair; average day temperature, ground frost inland at night.
20. S.W. Ireland	As 17.

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

An anticyclone is developing over Scandinavia and its extension to the British Isles is decreasing in intensity. A depression over Iceland is filling up but a trough of relatively low pressure is developing to west and southwest of Ireland. Weather will continue fair except possibly in the extreme West and Southwest.

FURTHER OUTLOOK.

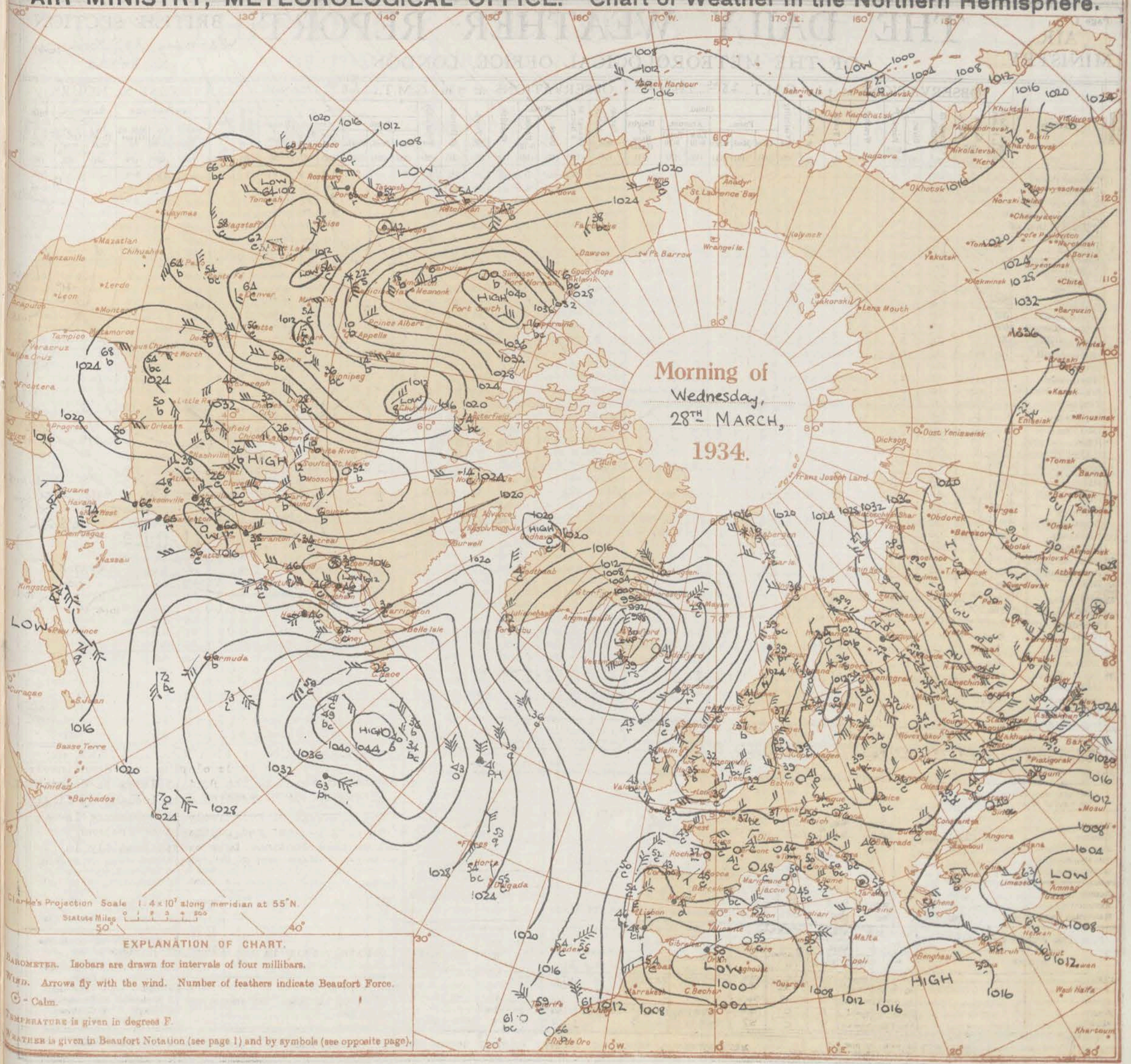
Mainly fair in the East and North.

Forecasts issued at 1025 G.M.T.

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

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

Page 4.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 28th March 1934.

No. 26424

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1023.1	-6	E	3	c	37	95	7	5	-	-	7-8	7-8	800
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1022.5	-6	NE'N	4	c	39	85	8	5	-	-	9+	9+	800
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1024.4	-6	NE	4	b	41	95	7	-	-	-	0	0	-
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1021.5	-4	ENE	4	b	43	86	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1021.6	-6	NNE	3	b	43	85	8	-	-	-	0	0	-
	Scilly (St. Mary's)	163	1021.8	-14	NE'E	3	c	45	75	7	5	-	-	7-8	7-8	4000
	Guernsey	175	1020.2	-4	NE'E	6	o	43	95	7	5	-	-	10	10	2500
6	Pembroke	142	1021.4	-6	ENE	2	b	40	85	7	-	-	-	0	0	-
7	Holyhead	26	1023.3	-14	S	2	b	36	85	8	-	-	8	0	1	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1024.6	-2	-	0	oF	38	95	1	5	-	-	10	10	<150
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1024.1	-8	SW	2	m	37	85	4	5	-	-	2-3	2-3	1500
11	Inchkeith	190	1023.6	-2	WSW	2	bc	39	95	6	5	-	6	2-3	4-6	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotsl)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1016.6	0	SW	6	c	45	95	7	8	2	-	4-6	10	2500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1019.5	-8	SW	4	c	43	85	8	5	1	-	7-8	9+	1500
16	Lerwick	54	1019.1	-6	SW	4	c	44	86	7	5	2	-	4-6	9+	1500
17	Blacksod Point	18	1017.8	-22	SW	6	q	48	85	7	8	-	-	10	10	450
18	Malin Head	52	1019.3	-12	S	3	c	41	85	8	-	9	-	0	9	-
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1021.4	-26	SW'W	2	bc	46	95	8	5	-	-	4-6	4-6	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

District	Stations	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1021.5	-6	NE	3	c	39	75	6	5	-	-	7-8	7-8	1500	1	*
	Croydon	1021.4	-6	NE	4	c	38	85	6	5	-	-	9	9	1500	1	*
	S. Farnborough	1020.8	-4	NE'N	3	c	37	85	6	5	-	-	9	9	1500	10	*
	Boscombe Down	1020.5	-4	ENE	3	c	35	95	7	5	-	-	9+	9+	1500	0	*
	Calshot (S'thmtn)	1020.3	-6	NNE	3	c	39	75	7	5	-	-	9+	9+	1500	0	1
	Dungeness	*	*	NE	5	q	*	*	6	4	-	*	10	10	1500	*	3
	Lympne	1020.8	-4	NE'N	4	c	39	85	7	5	-	-	10	10	800	1	*
2	Shoeburyness	1021.7	0	NE	4	c	41	85	7	5	-	-	7-8	7-8	4000	0	*
	Felixstowe	1021.8	-4	NE	3	c	41	85	8	5	-	-	7-8	7-8	1500	0	3
	Gorleston	1022.6	0	ENE	3	c	40	95	7	5	-	-	7-8	7-8	2500	0	2
	Cranwell	1024.0	0	NNE	1	F	34	95	1	.	.	.	10	10	<150	1	*
3	Birmingham	1023.2	-4	ENE	2	oF-	31	95	3	5	-	-	10	10	450	1	*
	Upper Heyford	1022.2	-6	NE'E	4	oF	33	95	6	5	-	-	9+	9+	450	1	*
4	Ross-on-Wye	1021.9	-10	ENE	2	oF	31	95	1	5	-	-	10	10	<150	1	*
5	Portland Bill	1018.5	-10	ENE	5	o	38	95	7	5	-	-	10	10	1500	1	3
	Plymouth	1018.8	-16	NE	3	3o	40	78	6	5	-	-	9+	9+	1500	1	1
	The Lizard	1017.5	-14	NNE	4	c	42	85	8	4	-	-	10	10	2500	1	2
	Scilly (St. Mary's)	1017.7	-10	E'N	3	c	43	95	6	8	7	6	4-6	7-8	2500	1	2
	Guernsey	1017.1	-10	NE'E	5	c	44	85	6	8	-	-	10	10	2500	1	3
6	Pembroke	1019.4	-16	E	1	bc	37	85	7	5	-	4	2-3	2-3	4000	1	1
7	Holyhead	1020.9	-8	SE	1	b	35	85	7	-	-	-	0	0	-	1	0
	Chester (Sealand)	1022.7	-4	SE'E	2	3o	27	95	5	-	4	-	0	Tr	-	4	*
8	L'pool (Bidston)	1022.3	0	SSE	3	bc	33	95	3	-	-	-	0	0	-	0	*
	Manchester	1022.8	-4	ENE	1	bc	29	95	2	-	-	-	0	0	-	4	*
9	Harrogate	1023.4	-6	-	0	bcF	30	95	1	5	-	-	2-3	2-3	<150	1	*
10	Spurn Head	1023.3	-2	-	0	c	36	95	6	5	2	-	7-8	7-8	2500	1	1
	Catterick	1023.3	-2	-	0	bF	26	95	1	-	-	-	0	0	-	0	*
	Tynemouth	1022.5	-6	WSW	2	m	32	95	4	5	-	-	2-3	2-3	1500	1	1
11	Inchkeith	1022.4	-4	SW	1	bc	37	95	6	5	4	-	2-3	4-6	1500	0	0
	Leuchars	1021.7	-2	W	1	c	32	95	5	-	-	8	0	7-8	-	4	*
12	Renfrew (Abbotsl)	1021.5	-6	ENE	1	m	30	95	4	-	-	4	0	4-6	-	40	*
	Eskdalemuir	1023.0	-6	-	0	bc	22	95	7	-	-	2	0	4-6	-	4	*
13A	Tiree	1017.2	-6	S'E	4	b	43	85	7	-	4	8	0	1	-	0	3
13B	Stornoway	1015.0	-2	S	5	c	45	85	9	8	7	3	4-6	9+	4000	1	3
15	Dalwhinnie	1021.1	-8	SW	2	bc	35	85	8	4	-	2	1	4-6	2500	0	*
	Aberdeen	1020.5	0	S'W	1	bc	36	85	7	-	-	1	0	2-3	-	0	1
	Wick	1018.4	-2	SSW	4	c	43	85	8	5	1	-	4-6	7-8	1500	0	2
16	Lerwick	1018.8	+6	SSW	3	c	44	85	7	5	7	-	4-6	9	1500	0	*
17	Blacksod Point	1015.3	-16	SW	6	q	45	85	8	9	-	-	7-8	7-8	800	1	4
18	Malin Head	1017.7	-4	S'E	3	b	38	95	8	-	4	-	0	Tr	-	0	1
	Aldergrove	1020.3	-10	SE	3	b	36	85	8	-	-	9	0	Tr	-	1	*
	Donaghadee	1020.6	-4	SW	2	b	39	95	8	-	-	-	0	0	-	0	0
19	Birr Castle	1019.7	-8	S	1	b	29	95	8	-	-	-	0	0	-	4	*
20	Valentia Obsy.†	1017.4	-14	SE'S	4	bc	43	75	9	7	-	1	4-6	4-6	1500	1	2
	Roches Point	1019.0	-10	NE	2	bc	35	95	8	5	-	-	2-3	2-3	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 27th Hrs. (36)
1	London (Kew)	53	38	34	-	-	3.7
	Croydon	53	37	35	-	-	2.4
	S. Farnborough	54	34	26	-	-	5.5
	Boscombe Down	53	31	26	-	-	7.2
	Calshot (S'thmtn)	53	36	29	-	-	6.2
	Dungeness	49	39	*	-	-	*
	Lympne	45	38	36	Tr	-	0.2
2	Shoeburyness	50	36	31	-	-	3.5
	Felixstowe	49	35	32	-	-	4.7
	Gorleston	48	39	38	-	-	6.3
	Cranwell	54	31	23	-	Tr	7.8
3	Birmingham	52	30	22	-	-	6.4
	Upper Heyford	53	32	26	-	0.1	*
4	Ross-on-Wye	52	29	17	-	-	9.0
5	Portland Bill	55	36	*	-	-	*
	Plymouth	55	39	31	-	-	9.7
	The Lizard	51	41	*	-	-	*
	Scilly (St. Mary's)	48	42	*	-	-	11.1
	Guernsey	47	43	39	-	-	1.5
6	Pembroke	51	36	*	-	-	10.7
7	Holyhead	47	33	26	-	-	11.1
	Chester (Sealand)	49	25	19	-	Tr	11.0
8	L'pool (Bidston)	47	31	30	-	-	5.8
	Manchester	52	27	19	-	-	9.6
9	Harrogate	52	29	23	-	-	11.0
10	Spurn Head	48	36	*	-	Tr	10.7
	Catterick	54	26	25	-	-	10.7
	Tynemouth	49	32	29	-	-	*
11	Inchkeith	49	36	24	-	-	9.3
	Leuchars	53	30	22	-	-	8.9
12	Renfrew (Abbotsl)	51	28	23	-	-	8.7
	Eskdalemuir	49	21	17	-	-	6.3
13A	Tiree	49	42	39	-	-	9.1
13B	Stornoway	48	43	*	0.1	-	4.8
15	Dalwhinnie	49	32	24	-	-	7.0
	Aberdeen	50	34	25	-	-	8.6
	Wick	51	40	*	-	-	*
16	Lerwick	46	42	*	0.2	-	10.3
17	Blacksod Point	50	45	*	-	Tr	*
18	Malin Head	50	37	*	-	-	6.4
	Aldergrove	52	34	25	-	-	10.2
	Donaghadee	52	34	*	-	-	*
19	Birr Castle	53	29	15	-	-	10.5
20	Valentia Obsy.†	52	42	38	Tr	-	10.0
	Roches Point	49	33	*	-	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	c_{3o}	$cbcm_2y$	bbc_{3o}	53	38	34	-	-	3.2	*	*	6
Croydon	217	cm_2	bcc_{3o}	bwm_2c	53	37	35	-	-	2.4	*	*	6
Greenwich (Royal Observatory)	149	c	cbc_2y	bc	53	36	30	-	-	2.6	82	71	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	2.3	*	*	*
Westminster (St. James' Park)	27	*	*	*	53	38	34	-	-	2.3	49	69	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	54	37	31	-	-	3.3	57	70	*
Camden Square	110	c	cb	*	54	36	31	-	-	*	*	71	*
Kensington	80	co	bc	*	55	37	32	-	-	3.0	At 18h. 59	73	*
Hampstead Observatory	450	o	bc	bcm	52	33	27	-	-	5.4	*	83	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington. Max.	Time.	Min.	Time.
0.6	20h 27d	Nil	3-6h 28th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	20h 27th	<0.1	5h 28th

FOREIGN OBSERVATIONS.

Stations	18h. G.M.T. 27th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 28th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Past 24 Hours. Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
Paris	1017.5	NNE	3	c	50	1015.9	NE	2	3_o	37	54	36	-	-
Brussels	1019.9	NE	3	b	48	1019.5	NE	4	o	39	52	37	-	-
Berlin	1021.4	WNW	2	c	45	1018.5	-	0	3_o	41	48	36	-	-
Zürich	1015.1	NNE	1	c	52	1017.7	NNW	1	bc	36	57	34	-	-
Rome	1007.0	WNW	5	c	57	1009.1	ENE	3	bc	55	*	*	0.1	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 8, 22.—Code for surface visibility.

Objects not visible at

0	Dense fog	55	yards.
1	Thick fog	220	,,
2	Fog	550	,,
3	Moderate fog	1,100	,,
4	Mist or haze	1¼	miles.
5	Poor visibility	2¼	,,
6	Moderate ,,	6¼	,,
7	Good ,,	12½	,,
8	Very good ,,	31	,,
9	Excellent ,,	beyond 31m.	

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

COLUMN 30.—Code for State of Sea.

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 29th March 1934.

No. 26.425

OBSERVATIONS at 13h. G.M.T. 28th March

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)	1018·4	-16	E'N	5	b	48	45	6	-	-	-	0	0	-
	Croydon	1018·9	-10	ENE	4	b	47	55	8	1	-	1	Tr.	Tr.	2500
	S. Farnborough	1018·1	-16	ENE	5	3o	50	45	6	-	-	8	0	Tr.	-
	Boscombe Down	1017·0	-18	ENE	4	3o	49	56	6	1	-	-	Tr.	Tr.	2500
	Calshot, S'thmtn	1017·3	-12	E'N	5	b	51	55	7	1	-	-	Tr.	Tr.	2500
	Dungeness		*	NE'E	5	a	*	*	6	5	-	*	2·3	2·3	2500
	Lympne	1018·7	-8	NE	5	b	45	65	8	1	-	-	Tr.	Tr.	1500
2	Shoeburyness	1020·0	-10	NE	5	bc	45	65	8	5	-	-	4·6	4·6	1500
	Felixstowe	1020·5	-12	NE	4	bc	44	65	8	4	-	-	2·3	2·3	1500
	Gorleston	1021·3	-6	NE'E	4	bc	44	75	7	4	-	-	4·6	4·6	2500
	Cranwell	1021·2	-20	ENE	2	bc	47	55	8	1	-	1	4·6	4·6	2500
3	Birmingham	1019·8	-16	ENE	4	b	45	55	6	-	-	-	0	0	-
	Upper Heyford	1018·8	-22	E	4	bc	49	55	8	-	-	8	0	2·3	-
4	Ross-on-Wye	1017·9	-20	E'N	4	b	47	55	7	1	-	1	Tr.	Tr.	4000
5	Portland Bill	1015·9	-18	E	5	bc	45	85	7	4	-	-	2·3	2·3	2500
	Plymouth	1016·5	-14	NE	4	3o	42	85	6	5	-	-	10	10	800
	The Lizard	1015·4	-6	ENE	5	c	43	85	8	5	-	-	10	10	2500
	Scilly (St. Mary's)	1015·5	-12	E	4	c	43	85	6	5	-	-	10	10	2500
	Guernsey	1014·7	-10	NE'E	5	o	45	75	6	5	-	-	10	10	2500
6	Pembroke	1017·1	-20	SE	3	b	48	75	6	-	-	-	0	0	-
7	Holyhead	1018·2	-18	E	3	3o	51	55	6	1	-	1	Tr.	Tr.	4000
	Chester (Sealand)	1020·1	-16	ESE	4	bc	52	45	6	-	-	2	0	2·3	-
8	L'pool (Bidston)	1019·5	-12	SSE	3	b	48	55	6	-	-	-	0	0	-
	Manchester	1019·9	-16	SSE	4	b	53	25	7	-	-	-	0	0	-
9	Harrogate	1021·4	-6	ESE	2	b	46	65	7	5	-	1	Tr.	Tr.	4000
10	Spurn Head	1021·9	-2	ENE	3	bc	45	75	8	4	-	-	4·6	4·6	4000
	Catterick	1021·1	-12	SE'S	2	b	49	45	7	-	-	1	0	Tr.	-
	Tynemouth	1021·8	-6	SE	3	bc	45	75	6	5	-	-	4·6	4·6	800
11	Inchkeith	1020·6	-8	ENE	1	bc	47	85	7	5	-	-	2·3	2·3	1500
	Leuchars	1020·4	-10	E	2	b	52	45	7	-	-	1	0	1	-
12	Renfrew (Abbotts l.)	1019·4	-14	S'W	1	c	52	35	8	-	-	2	0	9	-
	Eskdalemuir	1019·8	-14	S	2	b	49	45	7	-	-	1	0	1	-
13A	Tiree	1017·4	0	SSE	5	bc	49	65	8	2	4	5	Tr.	2·3	4000
13B	Stornoway	1016·4	+14	S	5	c	48	65	7	8	7	-	7·8	9	1500
15	Dalwhinnie	1019·2	-2	S	4	bc	48	55	8	4	1	-	2·3	4·6	2500
	Aberdeen	1020·3	-2	SE	3	b	49	55	6	-	-	8	0	Tr.	-
	Wick	1018·4	+2	S	3	c	48	75	8	8	1	8	4·6	7·8	1500
16	Lerwick	1019·3	-2	S	4	c	46	85	7	5	-	-	7·8	7·8	1500
17	Blacksod Point	1014·8	0	S	2	c	49	65	9	-	7	-	0	7·8	-
18	Malin Head	1016·4	0	SE	4	b	51	85	8	5	-	5	Tr.	Tr.	1500
	Aldergrove	1018·3	-10	SSE	4	3o	52	45	8	8	-	-	4·6	4·6	2500
	Donaghadee	1019·5	-10	SSE	2	bc	46	75	8	7	3	-	2·3	4·6	4000
19	Birr Castle	1016·9	-14	SE	2	bc	52	55	7	2	-	-	4·6	4·6	2500
20	Valentia Obsy.	1015·0	-14	SSE	4	b	52	35	9	3	3	1	0	Tr.	-
	Roches Point	1016·4	-10	SE	3	bc	49	75	8	5	-	-	4·6	4·6	2500

OBSERVATIONS at 18h. G.M.T. 28th March

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	-6	E'N	4	bc	44	55	5	1	-	8	1	2·3	4000	1	*
1017·2	-4	NE'E	4	b	42	75	7	7	-	1	1	1	2500	1	*
1016·3	-6	ENE	4	3o	43	55	6	-	-	1	0	Tr.	-	0	*
1015·4	-6	ENE	4	3o	46	45	6	-	-	1	0	2·3	-	0	*
1015·0	-10	NE'N	4	b	48	65	7	-	5	-	0	Tr.	-	0	2
	*	NE'E	5	4	*	*	7	5	-	*	2·3	2·3	2500	*	4
1017·0	-6	NE	4	b	40	85	8	1	-	-	1	1	1500	0	*
1017·1	-14	NE	4	b	40	85	8	5	-	-	1	1	1500	0	*
1018·1	-12	NE	4	bc	41	85	8	5	-	-	2·3	2·3	1500	0	3
1019·4	-8	NE	5	bc	42	85	7	7	-	-	4·6	4·6	4000	0	3
1019·5	-8	ENE	2	b	42	75	8	4	-	1	Tr.	Tr.	4000	1	*
1017·1	-10	ENE	4	b	47	55	6	1	-	1	Tr.	1	2500	1	*
1016·6	-10	E'N	3	b	48	55	8	-	-	8	0	1	-	1	*
1015·8	-10	E'N	3	b	49	45	8	-	-	1	0	1	-	1	*
1013·4	-20	E	4	bc	45	75	7	4	-	-	4·6	4·6	2500	1	4
1012·6	-10	E	5	b	48	55	8	-	-	5	0	1	-	1	2
1011·9	-10	NE	5	c	45	85	8	8	6	-	4·6	7·8	2500	1	3
1012·2	-14	E E	4	c	44	85	6	5	-	-	9+	9+	2500	1	3
1011·6	-10	NE E	5	bc	46	85	6	-	3	-	0	4·6	-	0	3
1014·7	-16	SE	2	3o	46	65	6	-	1	-	0	1	-	0	2
1016·2	-10	-	0	bc	47	55	7	-	-	6	0	4·6	-	1	0
1018·0	-6	SE	2	3o	47	55	6	-	-	1	0	1	-	1	*
1017·6	-10	SE'S	2	bc	48	45	6	-	-	5	0	2·3	-	0	*
1018·2	-3	ESE	4	b	48	45	6	-	-	-	0	0	-	0	*
1019·7	-6	ESE	2	b	44	55	8	-	4	-	0	Tr.	-	1	*
1019·7	-4	ENE	3	bc	42	75	8	-	7	-	0	2·3	-	0	2
1019·5	0	ESE	2	b	45	55	8	-	-	1	0	Tr.	-	0	*
1020·2	-8	SSE	2	bc	43	75	8	5	-	-	2·3	2·3	1500	1	2
1018·3	-12	NE	2	bc	43	95	6	5	-	-	2·3	2·3	1500	0	1
1019·7	-2	E	4	b	44	85	6	-	-	1	0	Tr.	-	1	*
1017·9	-2	S	1	3o	50	45	6	-	-	-	0	0	-	1	*
1018·1	-8	ESE	2	bc	47	35	7	5	-	1	1	2·3	5700	1	*
1016·9	0	SE'S	3	bc	46	75	6	-	-	5	0	2·3	-	0	4
1017·0	+8	SSW	3	c	47	55	7	7	7	-	4·6	7·8	1500	1	3
1019·2	-4	S	3	b	44	85	8	-	-	1	0	Tr.	-	0	*
1019·9	-2	SSE	3	b	44	75	6	-	-	8	0	Tr.	-	0	1
1018·6	0	SE	3	bc	45	95	8	5	-	8	2·3	4·6	4000	0	2
1020·4	+8	S'E	4	bc	45	75	7	5	3	8	2·3	4·6	2500	0	*
1013·9	-4	S	1	bc	48	65	8	-	3	5	0	4·6	-	0	2
1015·4	0	SE	1	bc	49	65	7	8	8	-	2·3	4·6	1500	0	1
1017·3	-2	SE	1	3o	47	55	7	-	-	8	0	4·6	-	1	*
1017·6	-6	SE	2	bc	46	85	8	7	3	2	2·3	4·6	4000	0	1
1014·9	-8	SE	2	c	50	45	8	-	-	4	0	7·8	-	0	*
1013·6	-4	SSE	3	c	49	65	8	1	-	2	1	9	2500	0	2
1014·7	-6	SE	3	bc	45	65	8	5	-	1	2·3	4·6	2500	0	3

PAST 24 HOURS.

Weather. 7h.–13h. 28th (37)	Weather. 13h.–18h. 28th (38)	Weather. 18h. 28th to 1h. 29th (39)	Weather. 1h.–7h. 29th (40)
bcb3o	by3o	bcmo	cmo
bc3ob	b	bm o,c	ecmo
cbcb3o y	by3o	bbccmo	cmo
cby3o	b3o y	b3oy	bbc
cbcby	by	b	bmox
bc	bc	*	o
cb	b	b	c
bc	bcb	bc	bc
bccbcv	bv	bcb	b,c
cbc	bcq	bcq	bccq
oFbc	bcbyv	bxbc	bcc
mbcb	b	bbc	bcc
cby	by	bybx	bxc
Fcb	by	bbcb	bwc
obc	bc	b	bbc
com o	cm oby	by	bq
oc	c	cq	cq
c	c	bcc	cpo
co	ococ	bc	bc
b	b3o	b	bbc
bm 3o	bbcy	b3o	b
mobc3o	b3oy	bmox	bmoxbc
3bby	bby	yb	bbcx
bxfby	by	byx	bxc3o
Fb	b	vc	c
cbc	bc	c	bc
xFbby	by	b	b,cprdo
bcm	bc	bccbc	bcoio
bc	bbc	bc	bcc
bcxmob3o	bybmo	bxbcmo	bxmoc
xmbcc	cbb3oy	b3o	bmx
bcxby	by	bybx	bxcps o
b	b	bw	bcw
c	c	cbcb	bbcc
bc	b	*	b
bcb3o	b3o	b3o	bxbc
c	cbc	bc	bc
c	cbc	bc b	bbc
cbc	bc	bc	b
bc	bc	bc	3r
bbc	bc3o	b3ox	bxcmo
bbc	bc	bc	bc
bbcy	bccy	bcb	bx
bcbvy	bccvyc	cbcb	bxbc
bc	bc	bc	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/so, slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
so/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. ro, slight rain.
rr, continuous rain.
<, less than (for cloud height).
⊕, Solar halo. ☾ lunar halo. ⌒ gale.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

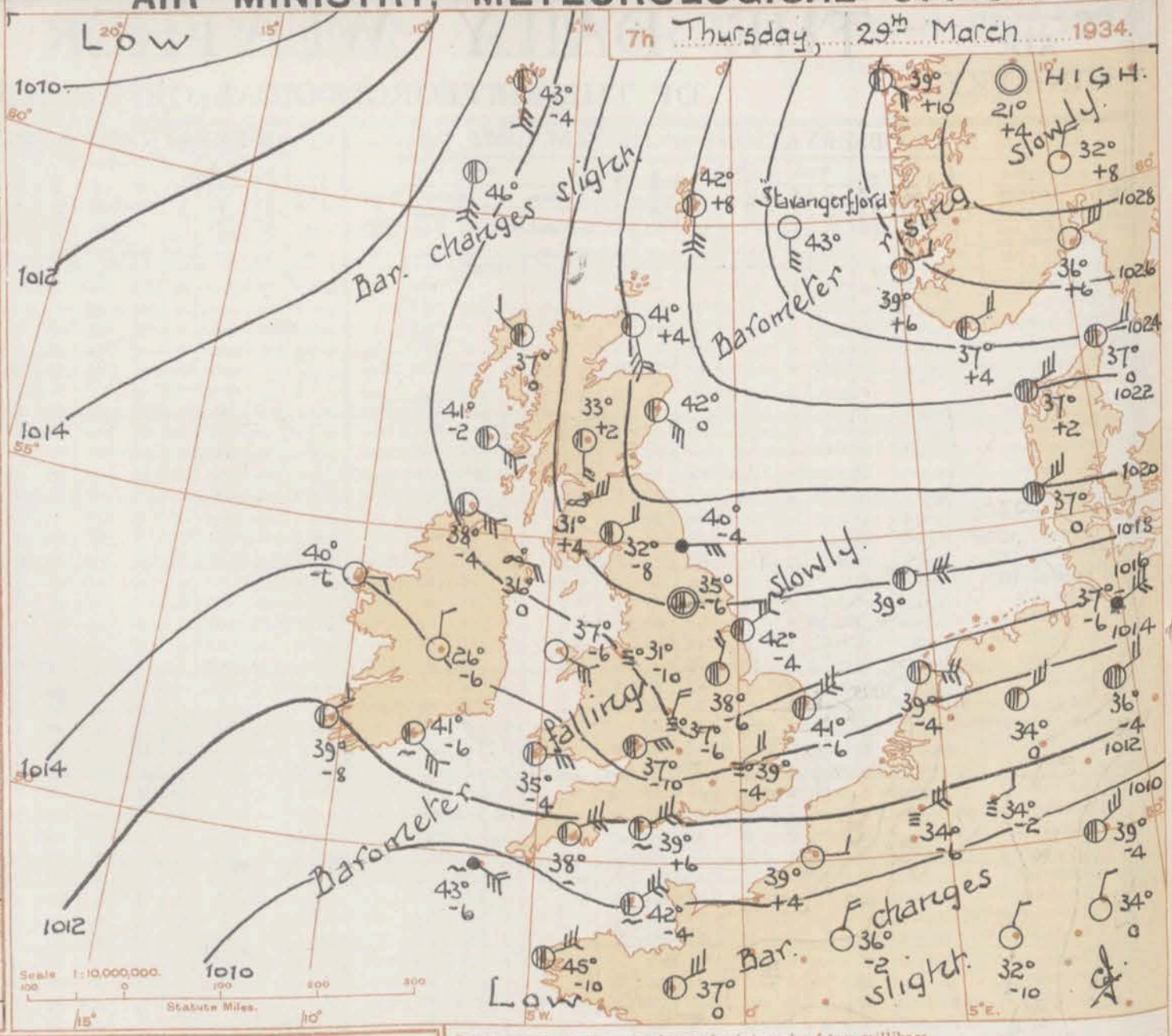
REPORTS from HEALTH RESORTS for 28th March 1934.

Districts.	Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 27th to 28th 9h.	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.	b	bbc	37	48	-	-	9.2	2.1
	Bournemouth	cb	b	34	53	-	-	8.1	7.5
	Ventnor ...	ob	b	39	49	-	-	6.8	7.7
	Southsea ...	b	b	37	54	-	-	8.4	6.3
	Bognor Regis	b	b	37	51	-	-	8.8	6.8
	Littlehampton	bcb	b	37	53	-	-	8.9	6.1
	Worthing ...	b	b	38	52	-	-	8.5	5.4
	Brighton ...	b	b	39	53	-	-	9.2	4.3
	Eastbourne†	cb	b	40	46	-	-	7.9	2.2
	Hastings† ...	bcb	b	39	47	-	-	8.4	1.0
	Folkestone ...	bcb	b	40	46	-	-	8.9	2.3
	Dover... ...	bc	bcb	41	46	-	-	8.7	3.3
	Deal	cb	b	40	46	-	-	9.5	2.1
	Ramsgate ...	b	b	39	45	-	-	9.8	1.5
	Margate ...	bcb	bc	40	43	-	-	10.3	0.0
2	Southend ...	b	b	37	49	-	-	10.2	2.7
	Maldon ...	b	b	37	47	-	-	9.8	2.4
	Clacton-on-Sea	bc	bc	38	45	-	-	8.9	3.4
	Dovercourt ...	bcv	bc	37	45	-	-	9.9	3.7
	Lowestoft ...	b	b	38	46	-	-	10.0	5.0
	Skegness ...	bcb	b	36	45	0.1	-	8.8	9.4
	Mablethorpe	bv	bcb	29	44	-	-	10.3	9.7
	Cleethorpes...	womcb	bv	33	45	0.1	-	8.6	11.0
3	Leamington S.	bcb	b	34	52	-	-	8.2	5.4
4	Cheltenham†	cbcb	bbq	29	53	-	-	7.7	9.7
5	Bath	b	b	32	53	-	-	8.0	9.1
	Weymouth ...	cb	b	37	51	-	-	6.0	6.8
	Jersey ...	c3	cbc3	43	49	-	-	2.3	0.8
	Torquay ...	o3	b3	38	49	-	-	4.7	9.1
	Penzance ...	o	ob	39	46	-	-	0.9	10.0
	St. Ives ...	o	ocbcb	40	47	-	-	1.2	10.0
	Bude	x6	b	38	51	-	-	10.5	10.9
	Ilfracombe ...	b	b	38	48	-	-	10.1	11.3
6	Aberystwyth	bcb	bc	36	54	-	-	10.4	11.5
7	Llandudno ...	b	b	32	53	-	-	9.3	10.2
	Colwyn Bay...	b	b	31	51	-	-	9.5	11.2
	Rhyl	b	b	30	52	-	-	9.8	11.0
8	Wallasey ...	mbcb	b	34	53	-	-	9.3	11.4
	Southport‖ ...	b3	b3	31	54	-	-	9.3	11.0
	Blackpool ...	b3b	bc3	31	52	-	-	8.5	11.4
	Morecambe ...	b	bc	30	54	-	-	9.6	11.5
9	Ilkley	fb	b	26	47	-	-	8.8	9.3
10	Berwick-on-T.	b	b	31	50	-	-	10.2	7.5
11	Dunbar ...	bx	bm	32	49	-	-	10.2	10.2
12	Troon... ...	bcbc	bc	34	52	-	-	9.8	9.8
	Douglas ...	bbq	bc3	34	47	-	-	8.4	9.5

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday, 29th March 1934.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th March, 1934.
1. S.E. England 2. E. England... 3. E. Midlands	Moderate or fresh northeast wind; cloudy or dull, occasional slight rain or drizzle; rather cold.
4. W. Midlands 5. S.W. England	Moderate or fresh east or northeast wind; mainly cloudy; rather cold.
6. South Wales 7. North Wales	Moderate east wind; cloudy, bright intervals in west; rather cold.
8. N.W. England	Moderate east wind; mainly cloudy; rather cold.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate east wind; cloudy or dull, showers with local sleet; rather cold.
12. S.W. Scotland & Isle of Man	As 8.
13. { A. W. Scotld. B. N.W. Scotland.	Moderate or light southeast wind; fair with variable cloud; normal day temperature.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	Moderate southeast wind; cloudy, perhaps local showers; rather cold.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 13.

H.M. Stationery Office Press, Kingsway, W.C.2. 28. 7.34.

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

GENERAL INFERENCE.

Pressure is high over Scandinavia and low over the Mediterranean, and a small secondary over Germany will move west. A deepening depression in Mid-Atlantic is moving southeast. Weather will be mainly cloudy, and occasional slight rain will occur in eastern districts.

FURTHER OUTLOOK.

Similar.

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.

Morning of
THURSDAY
29th MARCH
1934.

Clarke's Projection Scale 1 : 4 × 10⁷ along meridian at 95°W

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, 29th March 1934.

No. 26.425

OBSERVATIONS at 1 hr. G.M.T. 29th March

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	°F. Temp. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon	217	1016.4	-6	ENE	2	c	38	85	7	5	-	-	9+	9+	2500
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1015.6	-6	ENE	3	c	39	85	8	5	-	-	9+	9+	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1017.3	+6	NE'E	4	bc	41	86	7	5	-	-	4-6	4-6	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1012.6	-6	E	5	b	40	85	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1010.8	-2	NE	5	q	44	85	8	8	1	-	4-6	9+	2500
	Scilly (St. Mary's)	163	1010.4	-2	E'S	5	c	45	85	6	5	-	-	10	10	2500
	Guernsey	175	1011.6	-2	ENE	5	bc	43	85	7	-	1	-	0	4-6	-
6	Pembroke	142	1015.1	+4	SE	3	b	41	65	7	-	-	-	0	0	-
7	Holyhead	26	1016.2	0	E	4	b	40	75	7	-	-	1	0	9	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	ENE	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1018.3	-4	NNE	4	c	42	75	7	3	7	-	4-6	9	4000
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1020.6	0	ESE	2	bc	38	85	8	4	-	-	4-6	4-6	4000
11	Inchkeith	190	1020.8	+2	ESE	1	bc	40	96	7	5	-	-	2-3	2-3	1500
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1017.3	+2	SE	2	b	44	85	7	-	-	-	0	0	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1012.8	+2	SSW	4	bc	42	85	8	5	-	8	1	2-3	4000
16	Lerwick	54	1021.3	+4	S'W	4	b	43	85	7	-	-	-	0	0	-
17	Blacksod Point	18	1014.9	+4	-	0	bc	41	85	8	-	-	4	0	4-6	-
18	Malin Head	52	1015.7	0	SE	3	3.	39	85	6	5	-	-	Tr.	Tr.	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1013.8	-6	ESE	2	b	45	96	9	-	-	-	0	0	-
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 29th March

District.	Stations.	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	°F. Temp. (20)	% Humid. (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1	London (Kew)	1014.3	-4	NW'N	4	c	40	75	5	5	-	-	9+	9+	4000	0	*
	Croydon	1014.7	-4	NE'E	2	3o	39	85	6	5	3	-	7-8	10	1500	1	*
	S. Farnborough	1013.7	-6	ENE	3	c	39	85	6	5	-	-	9+	9+	2500	0	*
	Boscombe Down	1013.5	-6	NE'N	2	c	37	85	7	5	-	-	7-8	7-8	2500	0	*
	Calshot (S'thmtn)	1013.1	-6	N	2	b	37	85	6	-	-	-	0	0	-	0	1
	Dungeness	*	*	NE	3	c	*	*	7	5	-	*	9	9	1500	*	3
	Lympne	1013.8	-4	NNE	3	c	39	85	8	5	-	-	10	10	1500	1	*
2	Shoeburyness	1014.4	-8	NNE	3	c	39	95	7	5	-	-	7-8	7-8	2500	0	*
	Felixstowe	1014.7	-6	NE'N	3	c	41	95	7	5	-	-	10	10	800	0	3
	Gorleston	1015.6	-6	NE'E	3	c	41	85	7	8	-	-	9+	9+	2500	0	3
	Cranwell	1017.0	-6	NE'N	2	c	38	95	7	5	-	-	10	10	4000	1	*
3	Birmingham	1016.2	-6	NE	2	3o	37	85	5	5	-	-	9+	9+	2500	1	*
	Upper Heyford	1015.1	-6	NE	3	c	37	85	8	5	-	-	10	10	800	1	*
4	Ross-on-Wye	1015.1	-10	ENE	3	c	37	75	8	5	-	-	10	10	4000	1	*
5	Portland Bill	1011.7	-6	ENE	5	bc	39	85	7	4	-	-	4-6	4-6	2500	1	4
	Plymouth	1010.8	·	ENE	5	bc	38	85	7	5	-	1	1	2-3	800	1	2
	The Lizard	1009.9	-2	ENE	5	c	43	85	7	8	2	-	9	10	2500	1	3
	Scilly (St. Mary's)	1008.8	-6	ESE	5	pc	43	95	6	8	-	-	9+	9+	2500	1	4
	Guernsey	1010.3	-4	NE'E	5	bc	42	75	7	-	3	-	0	2-3	-	0	4
6	Pembroke	1011.8	-4	E	3	bc	35	85	7	5	7	-	2-3	4-6	4000	·	2
7	Holyhead	1014.5	-6	E'S	4	b	37	85	8	5	-	-	Tr	Tr	4000	1	1
	Chester (Sealand)	1017.0	-10	SE	1	3o	31	95	6	5	-	-	7-8	7-8	4000	4	*
8	L'pool (Bidston)	1016.9	-2	SE	2	bc	33	75	6	5	-	-	2-3	2-3	1500	0	*
	Manchester	1016.7	-10	E	3	3o	39	75	5	5	-	-	9+	9+	4000	0	*
9	Harrogate	1018.0	-6	-	0	c	35	95	5	5	-	-	10	10	4000	1	*
10	Spurn Head	1016.4	-4	NE	4	c	42	85	7	5	2	-	4-6	9+	2500	0	3
	Catterick	1018.1	-8	-	0	o/d	36	95	6	5	-	-	10	10	4000	1	*
	Tynemouth	1018.5	-4	E	3	c	40	85	7	6	-	-	10	10	1500	1	2
11	Inchkeith	1020.3	0	NE	1	c	37	85	7	5	-	-	10	10	2500	0	1
	Leuchars	1020.6	-4	· ·	0	c	35	95	7	5	-	-	9+	9+	2500	1	*
12	Renfrew (Abbotts D)	1019.4	+4	E'N	3	3o	31	85	6	-	-	-	0	0	-	4	*
	Eskdalemuir	1019.0	-8	NE	2	c/ps	32	85	7	5	-	-	9	9	4000	4	*
13A	Tiree	1016.9	-2	SE'E	4	3o	41	85	6	5	-	8	4-6	7-8	2500	0	3
13B	Stornoway	1017.1	0	NW	1	c	37	95	7	-	-	7	0	7-8	-	1	1
15	Dalwhinnie	1020.9	+2	S	2	bc	33	75	8	4	-	-	2-3	2-3	4000	0	*
	Aberdeen	1021.1	0	SE	3	bc	42	75	7	7	-	-	4-6	4-6	2500	0	1
	Wick	1020.1	+4	SSE	5	bc	41	85	8	5	7	8	2-3	4-6	2500	0	3
16	Lerwick	1022.0	+8	S	5	bc	42	75	8	4	4	-	2-3	4-6	2500	0	*
17	Blacksod Point	1014.0	-6	E	1	b	40	75	8	-	-	-	0	0	-	0	3
18	Malin Head	1015.1	-4	SE'E	4	3o	38	95	6	5	-	-	2-3	2-3	1500	0	1
	Aldergrove	1017.0	0	E	2	3o	36	85	6	5	-	-	9	9	1500	1	*
	Donaghadee	1017.1	0	S	3	bc	38	85	8	8	3	-	4-6	4-6	2500	0	2
19	Birr Castle	1014.4	-6	N	1	b	26	95	7	-	-	9	0	Tr	-	4	*
20	Valentia Obsy.†	1011.9	-8	NE'E	1	bc	39	85	8	-	3	6	0	4-6	-	0	1
	Roches Point	1012.9	-6	SE	4	bc	41	85	8	3	-	-	4-6	4-6	1500	0	4

PAST 24 HOURS.

District.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Temperature. Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 24 hrs. Hrs. (36)
1	London (Kew)	49	39	36	-	-	9.23
	Croydon	49	38	36	-	-	9.1
	S. Farnborough	51	37	33	-	-	9.6
	Boscombe Down	51	33	29	-	-	9.9
	Calshot (S'thmtn)	52	35	29	-	-	9.8
	Dungeness	46	39	*	-	-	*
	Lympne	45	36	33	-	-	9.8
2	Shoeburyness	47	39	34	-	-	10.7
	Felixstowe	45	34	32	-	-	10.7
	Gorleston	45	40	38	-	-	9.4
	Cranwell	50	30	25	Tr.	-	7.8
3	Birmingham	49	35	28	-	-	7.6
	Upper Heyford	52	33	29	-	-	*
4	Ross-on-Wye	51	32	25	-	-	7.4
5	Portland Bill	46	35	*	-	-	*
	Plymouth	48	38	35	-	-	4.0
	The Lizard	45	42	*	-	-	*
	Scilly (St. Mary's)	45	43	*	-	0.1	0.6
	Guernsey	46	42	36	-	-	0.3
6	Pembroke	51	34	*	-	-	10.7
7	Holyhead	54	36	32	-	-	10.6
	Chester (Sealand)	52	27	16	-	-	9.4
8	L'pool (Bidston)	51	31	27	-	-	9.8
	Manchester	54	33	24	-	-	9.2
9	Harrogate	47	34	26	-	-	7.7
10	Spurn Head	46	39	*	-	-	10.3
	Catterick	50	28	23	-	0.2	8.3
	Tynemouth	45	38	33	-	Tr	*
11	Inchkeith	49	34	27	-	-	10.5
	Leuchars	52	30	20	-	Tr	9.8
12	Renfrew (Abbotts D)	55	26	19	-	-	8.3
	Eskdalemuir	51	27	23	-	Tr	8.7
13A	Tiree	49	38	34	-	-	11.2
13B	Stornoway	49	35	*	-	-	9.1
15	Dalwhinnie	50	30	20	-	-	9.2
	Aberdeen	50	37	25	-	-	10.8
	Wick	49	40	*	-	-	*
16	Lerwick	47	42	*	-	-	6.7
17	Blacksod Point	49	37	*	-	-	*
18	Malin Head	53	35	*	-	-	9.3
	Aldergrove	53	33	25	-	-	11.1
	Donaghadee	49	33	*	-	-	*
19	Birr Castle	53	26	15	-	-	8.6
20	Valentia Obsy.†	54	33	29	-	Tr	8.4
	Roches Point	50	37	*	-	-	*

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. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h. To-day.
		24 hrs. ended 9h.											
Kew	18	bcbzo	byzo	bccmo	49	39	36	-	-	9.23	*	*	5
Croydon	217	bcjab	b	bmcm	49	38	36	-	-	9.1	*	*	6
Greenwich (Royal Observatory)	149	cby	by	bcwnd	50	37	31	-	Tr	8.7	50	92	4
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	8.2	*	*	*
Westminster (St. James' Park)	27	*	*	*	50	39	35	—		8.6	42	79	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	51	38	35	Tr		8.3	49	95	*
Camden Square	110	cb	b	*	53	38	34	-	0.3	*	*	91	*
Kensington	80	bcb	b	*	51	38	34	-	Tr	8.5	At 18h. 94		*
Hampstead Observatory	450	bc	b	od	48	35	28	-	Tr	8.9	68 *	94	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 29th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 29th March. Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1010.7	NE	4	3o	52	1009.7	NNE	2	3o	36
Brussels	1014.4	NE	4	b	46	1011.8	NE	5	F	34
Berlin	1016.5	ENE	4	3o	41	1015.1	ENE	4	3o	41
Zurich	1010.2	NNE	2	bc	50	1007.4	NW	1	bc	36
Roma	1005.3	S	2	c	57	999.8	ENE	3	0	54

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 29th

South Kensington. Max.	Time.	Min.	Time.
0.5	9h 28m	0.0	2h-3h 29th

Kew Observatory. Max.	Time.	Min.	Time.
0.4	20h 28m	<0.1	1h 29m

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
59	34	—	—
50	32	-	—
45	39	-	—
55	34	—	—
·	·	-	0.2

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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 30th March 1934.

No. 26426

OBSERVATIONS at 13h. G.M.T. 29th March

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force 0-12 (4)	Weather. (5)	Temp. °F. (6)	% Humid. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)	1012·4	-8	NE	3	c	45	55	5	5	-	-	9+	9+	1500
	Croydon	1012·5	-12	NE'E	3	c	46	66	6	5	-	-	9+	9+	2500
	S. Farnborough	1011·6	-10	E'N	4	c	44	65	6	5	-	-	9+	9+	2500
	Boscombe Down	1011·4	-12	ENE	3	z.	43	75	5	5	-	-	9+	9+	2500
	Calshot, S'thmtn	1011·1	-12	E'N	4	c	47	65	7	7	-	-	7-8	7-8	2500
	Dungeness	*	*	NE	4	q	*	*	6	7	-	*	4-6	4-6	1500
	Lympne	1011·8	-10	NE'N	4	c	44	66	8	7	-	-	7-8	7-8	1500
2	Shoeburyness	1012·5	-8	ENE	4	c	46	75	7	7	-	-	7-8	7-8	1500
	Felixstowe	1013·0	-10	NE'E	4	c	44	75	7	7	-	-	7-8	7-8	1500
	Gorleston	1013·7	-6	ENE	3	bc	44	85	7	2	-	-	4-6	4-6	4000
	Cranwell	1014·2	-18	NE'E	3	c	43	65	7	5	-	-	10	10	2500
3	Birmingham	1013·3	-14	ENE	3	c	41	75	5	6	2	-	4-6	10	2500
	Upper Heyford	1012·4	-14	E'N	4	c	43	66	8	5	-	-	7-8	7-8	2500
4	Ross-on-Wye	1012·2	-12	E'N	3	c	44	65	7	5	-	-	10	10	4000
5	Portland Bill	1010·3	-10	E	5	c	44	75	7	4	-	-	7-8	7-8	2500
	Plymouth	1009·9	-6	ESE	5	c	44	75	8	5	-	1	9	9+	1500
	The Lizard	1008·4	-10	NE'E	5	q	46	75	8	8	1	-	4-6	7-8	2500
	Scilly (St. Mary's)	1007·4	-8	E'S	5	ir.	48	95	6	9	-	-	10	10	1500
	Guernsey	1009·4	-6	ENE	5	bc	46	65	7	1	7	-	1	2-3	2500
6	Pembroke	1010·2	-16	SE	3	c	45	65	7	7	7	-	4-6	7-8	4000
7	Holyhead	1012·6	-14	(NE)	3	c	46	55	7	5	-	-	7-8	7-8	4000
	Chester (Sealand)	1014·0	-18	SE'E	3	z.	44	65	6	5	-	-	10	10	4000
8	L'pool (Bidston)	1014·0	-18	ESE	4	c	43	75	6	5	7	-	4-6	9+	1500
	Manchester	1014·3	-12	ESE	4	z.	43	65	5	5	-	-	10	10	1500
9	Harrogate	1015·4	-10	E	3	c	41	75	7	5	2	-	7-8	10	4000
10	Spurn Head	1014·6	-6	NE'E	4	c/pr	42	85	7	3	7	-	4-6	9	4000
	Catterick	1015·6	-16	ENE	3	c	42	75	8	8	-	-	10	10	2500
	Tynemouth	1016·8	-12	E	3	o	40	75	8	6	-	-	10	10	1500
11	Inchkeith	1017·5	-10	E	2	c	42	85	8	5	7	-	7-8	10	2500
	Leuchars	1018·2	-10	ESE	3	jp	44	65	8	6	-	-	10	10	1500
12	Renfrew (Abbotsl)	1015·7	-24	E	4	z.	44	75	6	7	-	-	10	10	2500
	Eskdalemuir	1015·9	-14	E	4	pr.	39	75	7	5	-	-	10	10	1500
13A	Tiree	1015·2	-14	SE	4	bc	47	65	8	7	3	-	2-3	4-6	4000
13B	Stornoway	1016·2	-4	SSE	2	b	47	75	6	-	-	-	0	0	-
15	Dalwhinnie	1017·8	-8	NW	2	c	39	65	8	3	4	-	4-6	7-8	2500
	Aberdeen	1019·3	-8	SE'E	3	c	42	85	7	6	7	-	7-8	10	2500
	Wick	1019·7	-6	SSE	5	c	44	85	8	8	2	-	7-8	9+	1500
16	Lerwick	1021·9	-6	S	4	b	45	75	8	1	-	-	1	1	2500
17	Blacksod Point	1011·0	-20	S'E	3	b	49	75	7	1	-	-	1	1	4000
18	Malin Head	1013·6	-10	E	4	bc	43	75	7	8	8	-	4-6	4-6	1500
	Aldergrove	1014·4	-16	ESE	4	z.	43	65	7	5	-	-	9	9	4000
	Donaghadee	1014·5	-10	ESE	3	bc	44	65	8	8	3	-	4-6	4-6	2500
19	Birr Castle	1011·1	-18	SE	1	bc	50	45	7	8	-	-	4-6	4-6	2500
20	Valentia Obsy.	1009·3	-18	E	3	c	49	(55)	8	7	7	2	2-3	9	4000
	Roches Point	1011·2	-12	SE	4	bc	45	65	8	3	-	-	4-6	4-6	1500

OBSERVATIONS at 18h. G.M.T. 29th March

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. (30)	% 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)	1010·1	-4	E'S	3	bc	43	75	6	8	-	4	2-3	2-3	2500	0	*
	Croydon	1010·3	-6	E	3	b	42	65	6	1	-	1	Tr	Tr	2500	1	*
	S. Farnborough	1009·7	-14	E'N	2	c	43	65	6	5	-	2	7-8	7-8	2500	0	*
	Boscombe Down	1008·9	-10	E'N	3	c	43	65	6	5	-	-	9+	9+	4000	0	*
	Calshot, S'thmtn	1008·8	-12	NE'E	4	bc	45	65	7	7	-	4	2-3	4-6	4000	0	2
	Dungeness	*	*	NE	4	q	*	*	6	1	-	*	2-3	2-3	2500	*	2
	Lympne	1010·0	-4	NE	3	b	41	85	7	1	-	-	Tr	Tr	1500	1	*
2	Shoeburyness	1010·5	-10	ENE	4	bc	41	85	7	5	-	-	2-3	2-3	1500	0	*
	Felixstowe	1011·2	-2	NE	4	bc	41	85	7	5	-	-	4-6	4-6	1500	0	3
	Gorleston	1012·0	-10	NE'E	4	bc	41	85	7	8	-	-	4-6	4-6	2500	0	3
	Cranwell	1012·3	-6	ENE	2	c	42	85	6	5	-	-	10	10	1500	1	*
3	Birmingham	1011·2	-12	ENE	3	c	41	65	5	5	-	-	9+	9+	2500	1	*
	Upper Heyford	1010·6	-10	E	3	c	41	75	7	5	-	-	10	10	4000	1	*
4	Ross-on-Wye	1009·8	-10	E	3	c	42	75	7	5	-	-	10	10	2500	1	*
5	Portland Bill	1007·3	-12	E	5	bc	44	85	7	5	-	2	4-6	4-6	2500	1	4
	Plymouth	1007·1	-14	E	4	cbc	44	75	7	5	3	6	4-6	7-8	4000	1	2
	The Lizard	1005·4	-10	ENE	5	q	44	85	8	8	7	-	4-6	7-8	2500	1	3
	Scilly (St. Mary's)	1005·0	-10	E'S	5	c/r	44	85	7	8	2	-	7-8	9+	2500	1	4
	Guernsey	1006·7	-10	ENE	4	bc	45	75	7	-	3	-	0	4-6	-	0	4
6	Pembroke	1008·2	-18	ESE	3	bc	45	65	7	7	8	-	4-6	4-6	2500	0	2
7	Holyhead	1010·0	-14	E'N	4	c	44	75	6	5	-	-	9	10	4000	1	1
	Chester (Sealand)	1011·7	-10	E'N	2	z.	43	75	6	5	-	-	10	10	4000	1	*
8	L'pool (Bidston)	1011·3	-6	ESE	3	z.	42	65	6	5	-	-	9+	9+	800	0	*
	Manchester	1011·6	-10	ESE	3	z.	43	75	5	5	-	-	10	10	1500	0	*
9	Harrogate	1012·1	-6	E	2	ph.	40	85	8	6	2	-	9	10	2500	1	*
10	Spurn Head	1012·3	-4	E	5	c	42	85	7	3	7	-	4-6	9	4000	0	3
	Catterick	1013·3	-8	E'N	1	c/pr	40	86	8	8	-	-	10	10	1500	0	*
	Tynemouth	1014·6	-18	E	4	o	41	85	8	6	-	-	10	10	1500	1	2
11	Inchkeith	1015·4	-10	ENE	4	ir.	39	85	8	8	-	-	10	10	2500	1	3
	Leuchars	1015·9	-12	E	3	jp	41	85	7	6	7	-	7-8	9+	1500	1	*
12	Renfrew (Abbotsl)	1014·2	-2	E	2	z.	42	75	5	8	-	-	10	10	2500	1	*
	Eskdalemuir	1014·0	-8	NE'E	3	c	37	75	8	5	-	-	10	10	1500	1	*
13A	Tiree	1013·0	-10	E'S	4	c	44	65	7	5	-	-	10	10	2500	0	3
13B	Stornoway	1014·1	-6	SE	3	bc	46	75	7	-	7	9	0	4-6	-	1	2
15	Dalwhinnie	1015·4	-8	-	0	c	37	75	7	3	2	-	7-8	9	800	0	
	Aberdeen	1017·4	-6	ESE	3	c	41	85	7	5	2	-	4-6	10	2500	1	2
	Wick	1018·3	-8	SE	5	c	42	85	8	8	2	-	7-8	10	1500	0	3
16	Lerwick	1021·1	0	SSE	4	bc	43	65	8	8	-	-	2-3	2-3	2500	0	*
17	Blacksod Point	1007·4	-18	E	4	c	48	65	7	5	8	-	4-6	7-8	2500	0	3
18	Malin Head	1010·5	-12	ESE	3	c	43	65	7	8	-	-	9	9	1500	0	1
	Aldergrove	1011·2	-12	E	4	z.	42	65	7	5	-	-	9+	9+	1500	1	*
	Donaghadee	1010·1	-6	E	3	c	43	75	8	5	-	-	9+	9+	1500	0	2
19	Birr Castle	1008·5	-12	SE	2	c	46	55	7	8	-	-	7-8	7-8	2500	1	*
20	Valentia Obsy.	1005·6	-22	ESE	3	c	45	65	8	7	4	1	2-3	9	2200	0	2
	Roches Point	1008·0	-16	SE	5	c	43	65	8	3	-	-	7-8	7-8	1500	0	4

PAST 24 HOURS.

Stations. (For heights see p. 4.)	Weather. 7h.–13h. 29th (37)	13h.–18h. 29th (38)	18h. 29th to 1h. 30th (39)	1h.–7h. 30th (40)
London (Kew)	c m. 3o	c-z.	bc z.	bc m. b
Croydon	m. p r. c m.	c-bz.	bc z. c m.	off bf
S. Farnborough	c m. c z.	c o y e	c b x	bc oc
Boscombe Down	bc c	c z.	c z. b m.	c m. c m
Calshot, S'thmtn	c	c b c	b c b b c	b c c m.
Dungeness	p	b c	*	c
Lympne	c b c	b c b m.	b w c	c w
Shoeburyness	c p. r b c	b c	b c c	b c c
Felixstowe	c b e	b c b b c	b c b - c	c
Gorleston	c q	b c q	b c c q	c q
Cranwell	c i d i r.	c r. c	c m.	c m.
Birmingham	c	c	c	c
Upper Heyford	c	c	c b c	c b x
Ross-on-Wye	c	c	c c	c b m. w c c
Portland Bill	b c	c	b b c o	o c z.
Plymouth	b q c	c b c	c b c	b c c z.
The Lizard	c q	c q	c q	c p.
Scilly (St. Mary's)	p. o i r.	c i r.	c p.	c p.
Guernsey	b c	b c	b c	b c c
Pembroke	c	b c	c	c z. c
Holyhead	b c c y	c y c z.	c 3. c	c
Chester (Sealand)	c z.	c z.	c z.	c
L'pool (Bidston)	b x c g c	c m.	m. o o	c
Manchester	c z. y	c z.	c z.	c b c x c
Harrogate	c	c p h.	c	c
Spurn Head	c p r	p r c	p. c	b c
Catterick	c m. d. p r.	c p r.	c	c b c
Tynemouth	o i r.	o	o i r.	o c i.
Inchkeith	c p r	c i r.	c i r.	c i r.
Leuchars	c p r j p	c p r. j p	c p. i r.	c p r p.
Renfrew (Abbotsl)	b x c m.	c p r. z.	c z.	c z.
Eskdalemuir	p s. p r.	c p r.	c p r.	c r.
Tiree	c z. b c	b c c	c	c
Stornoway	c b c b	b z. b c	b c c	c
Dalwhinnie	b c	c	*	i s o
Aberdeen	c p r.	c i r.	c p.	c p r. q.
Wick	b c c	c p r c	c p r c	c p.
Lerwick	b c	b c p r.	b c c	c p.
Blacksod Point	b	b c	b c	c
Malin Head	z.	b c	c	c
Aldergrove	c b c z.	c z.	c z.	c z.
Donaghadee	b a	b c	c	c q
Birr Castle	b b c	b c c y	c	c
Valentia Obsy.	b c c y	c y c	c	c c i.
Roches Point	b c	b c c	c p c	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., slight storm of drifting snow (generally low).
K/S, heavy storm of drifting snow (generally low).
s./k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze; the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.
R, heavy rain. r., slight rain. rr, continuous rain.
< . less than (for cloud height).
⊕, Solar halo. ⊕ lunar halo. ⸗ gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; −, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

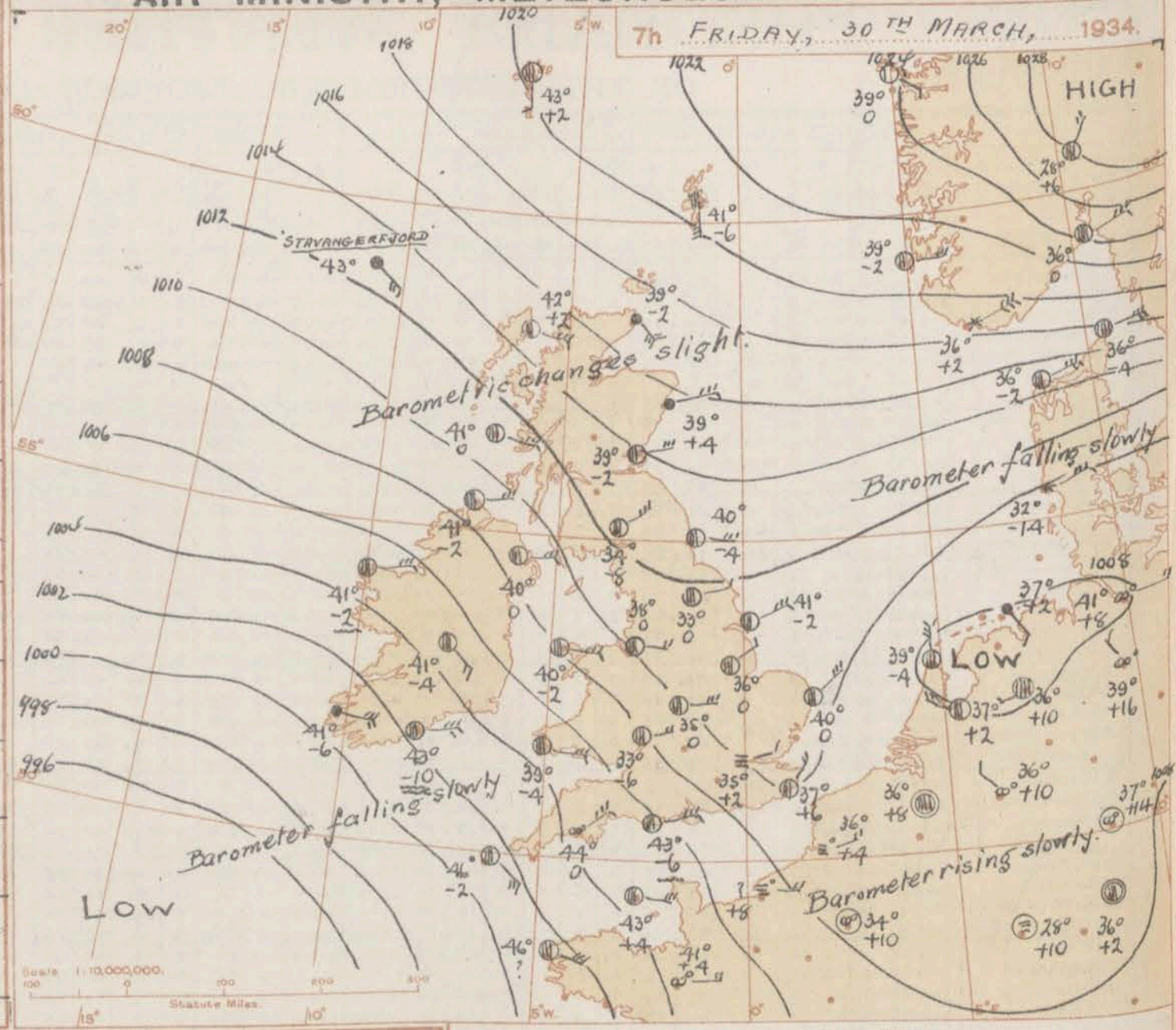
NOTE.—*The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.*

REPORTS from HEALTH RESORTS for 29th March 1934.

Division	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.	oc	cbc	36	46	-	-	2·3	9·9
	Bournemouth	c	c	32	50	-	-	3·5	8·7
	Ventnor ...	bbcb	bg	38	49	-	-	9·1	7·9
	Southsea ...	bcb	bcc	36	52	-	-	4·6	8·9
	Bognor Regis	bcbc	bcbc	36	49	-	-	5·4	9·4
	Littlehampton	bcc	c	35	49	-	-	4·5	9·7
	Worthing ...	bbc	bcc	~~34~~ 36	50	-	-	6·3	9·4
	Brighton ...	bc	bc	37	50	-	-	8·1	10·1
	Eastbourne†	ocbcc	cbcb	36	47	-	-	5·5	8·5
	Hastings† ...	occ	cbcb	37	48	-	-	4·7	9·0
	Folkestone ...	cbcc	cbcb	39	47	-	-	5·6	9·8
	Dover... ...	bcpoc	cb	40	47	-	Trace	6·7	9·2
	Deal	ocbc	b	40	47	-	-	6·1	10·2
	Ramsgate ...	bc	bc	39	45	-	-	5·0	10·2
	Margate ...	cbc	bc	40	44	-	-	5·4	10·5
2	Southend ...	o_c	obco	39	45	Trace	Trace	2·2	10·6
	Maldon ...	o	ocb	38	47	-	-	3·5	10·5
	Clacton-on-Sea	c	cbc	38	46	-	-	4·7	9·5
	Dovercourt ...	bcoc	bc	36	45	-	-	5·1	10·6
	Lowestoft ...	ocbc	b	39	45	-	-	5·2	10·4
	Skegness ...	oc	co	40	44	-	-	0·4	9·5
	Mablethorpe	oco	or	39	43	-	1	0·3	11·1
	Cleethorpes...	o	o	39	42	-	Trace	0·0	9·6
3	Leamington S.	o	o	34	44	-	-	0·0	8·2
4	Cheltenham†	co	oco	34	44	-	-	0·3	8·8
5	Bath	c	c	33	46	-	-	0·0	8·5
	Weymouth ...	bc	cb	35	46	-	-	5·6	6·5
	Jersey ...	bc	bc	41	50	-	-	8·0	2·3
	Torquay ...	o	cbc	38	46	-	-	1·6	5·5
	Penzance ...	cb	c	42	48	-	-	1·4	1·3
	St. Ives ...	o	c	40	46	-	-	0·7	1·8
	Bude	cbc	bc	34	48	-	-	8·0	10·5
	Ilfracombe ...	bcb	bbcc	36	48	-	-	5·3	10·6
6	Aberystwyth	bcb	c	42	50	-	-	7·2	11·5
7	Llandudno ...	c	c	35	45	-	-	1·2	10·0
	Colwyn Bay...	cbcc	o	34	45	-	-	1·7	10·3
	Rhyl	c	c	34	45	-	-	0·2	10·7
8	Wallasey ...	mo	o	32	45	-	-	0·0	9·8
	Southport‖ ...	co	o	30	46	-	-	0·1	9·3
	Blackpool ...	co	o	32	45	-	-	0·5	8·8
	Morecambe ...	cbc	c	35	46	-	-	1·9	10·3
9	Ilkley	c	cd_oc	32	42	-	Trace	0·0	9·8
10	Berwick-on-T.	or_o	r_oo	35	42	0·1	0·1	0·0	10·5
11	Dunbar ...	bcx	cp	34	43	-	Trace	0·0	10·2
12	Troon... ...	bcbc	bcc	30	46	-	-	3·1	10·2
	Douglas ...	cb	cbc	37	45	-	-	5·2	8·4

† 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. 30th March, 1934
1. S.E. England 2. E. England... 3. E. Midlands 4. W. Midlands	Light east or northeast wind; cloudy, bright intervals; rather low temperature.
5. S.W. England	Moderate or fresh east or southeast wind; cloudy, occasional rain in extreme southwest; normal.
6. South Wales 7. North Wales 8. N.W. England 9. N Midlands	Moderate east wind; cloudy, bright intervals; rather low temperature.
10. N.E. England 11. S.E. Scotland	Moderate east wind; cloudy or dull, occasional slight rain or sleet; cold.
12. S.W. Scotland & Isle of Man	As 6 - 9.
13. {A. W Scotld. B. N.W. Scotland.	As 6 - 9.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands.	As 10 - 11.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland	As 6 - 9.
20. S.W. Ireland	As 5.

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 1/5 clouded. ◫ Sky 1/5 to 1/2 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 Northern Scandinavia and a deep depression southwest of Ireland is moving southeast. A small depression over Holland is moving northwest. Weather will be mainly cloudy with occasional slight rain in the Northeast and extreme Southwest.

FURTHER OUTLOOK.

Dry except in northeast districts.

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
FRIDAY
30th MARCH
1934.

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, 30th March 1934.

No. 26426

OBSERVATIONS at 1 hr. G.M.T. 30th March

Distrct.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. 0-12 (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High (11)	Amount. Low 0-10 (12)	Amount. Total 0-10 (13)	Height of Base. (feet) (14)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Croydon ...	217	1010.6	0	E'N	2	3e	36	95	5	5	-	-	9+	9+	800
	S. Farnborough	287	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne ...	346	1009.8	-2	ENE	2	c	37	96	7	5	-	-	9	9	2500
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston ...	5	1010.3	-4	NE	4	c	41	85	7	8	-	-	10	10	2500
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill...	32	1006.5	-8	E	5	o	43	95	7	5	-	-	10	10	2500
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard ...	240	1004.0	-4	ENE	5	pr	44	95	7	8	-	-	10	10	2500
	Scilly (St. Mary's)	163	1002.3	-14	ESE	5	c/pr	46	95	6	8	-	-	9+	9+	1500
	Guernsey ...	175	1005.9	-4	E	3	bc	43	85	7	-	1	-	o	4-6	-
6	Pembroke ...	142	1005.4	-10	ESE	3	c	42	75	7	3	-	-	9+	9+	4000
7	Holyhead ...	26	1008.3	-8	E	3	c	42	85	6	5	-	-	10	10	2500
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head ...	29	1011.3	-4	ENE	4	c	41	75	7	3	7	-	4-6	7-8	4000
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth ...	100	1013.1	-6	ESE	3	o/r	40	76	8	6	-	-	10	10	1500
11	Inchkeith ...	190	1014.3	-10	ENE	3	ir.	38	95	8	8	-	-	10	10	1500
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway ...	94	1014.1	+6	SE	4	c	42	85	7	8	7	-	7-8	9	1500
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1017.0	-4	SE	5	c	42	85	8	8	1	-	7-8	9	1500
16	Lerwick ...	54	1020.8	-2	E	3	c	41	75	8	5	3	-	4-6	7-8	1500
17	Blacksod Point	18	1006.7	-4	E	4	c	41	85	7	-	8	-	o	7-8	-
18	Malin Head ...	52	1009.3	-4	E	3	c	42	95	7	8	-	-	9+	9+	1500
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1002.4	-20	SE	4	ir.	42	95	8	6	-	-	9+	9+	1500
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 30th March

Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind. Direc. (17)	Wind. Force. 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud. Form. Low (23)	Form. Med. (24)	Form. High (25)	Amount. Low 0-10 (26)	Amount. Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)
1009.7	+4	NNE	1	bc	36	95	5	5	-	-	1	1	2500	1	*
1010.2	+2	E	1	f	35	95	2	-	-	-	o	o	-	1	*
1009.3	+2	ENE	3	c	37	95	5	5	-	-	9+	9+	4000	1	*
1008.3	o	E	3	m	36	95	4	5	-	-	9+	9+	220	o	*
1008.4	+4	ENE	4	c	35	85	6	5	-	-	9+	9+	1500	o	2
*	*	ENE	2	c	*	*	6	8	-	*	9	9	1500	*	o
1010.0	+6	NE	2	c	37	95	6	5	-	-	9+	9+	2500	1	*
1009.7	+4	NE	2	c	40	75	7	5	-	-	9	9	4000	o	*
1010.0	o	NE'N	1	c	40	85	7	5	-	-	9+	9+	4000	o	2
1010.1	-2	NE'N	3	c	40	85	7	8	3	-	4-6	7-8	2500	o	3
1011.1	o	NE	1	c	36	95	6	8	-	-	9	9	4000	1	*
1011.0	o	E	3	c	35	95	5	5	-	-	9+	9+	1500	1	*
1010.1	+2	E	3	bc/f	32	95	5	5	-	-	4-6	4-6	220	1	*
1009.2	-6	E	2	o	33	95	6	5	-	-	10	10	1500	1	*
1005.6	-6	E	4	c	43	95	6	5	-	-	7-8	7-8	1500	1	4
1004.4	o	NE	4	cz.	43 44	85	6	5	-	-	9+	9+	5700	1	2
1002.7	-2	E	5	pr	45	95	7	8	-	-	10	10	2500	1	3
1001.7	-2	SE	3	c/pr	46	95	6	8	2	-	7-8	10	1500	1	3
1005.4	+4	ESE	3	c	43	75	6	5	1	8	4-6	10	4000	o	3
1005.2	-4	ESE	4	2o	39	85	6	5	7	-	7-8	9+	2500	1	3
1008.0	-2	E'S	4	c	40	75	8	5	-	-	9+	9+	4000	1	1
1010.3	o	E'S	2	c	38	85	6	5	-	-	9	9	2500	1	*
1009.8	o	SE'E	3	o	37	75	7	5	-	-	10	10	4000	o	*
1010.5	o	ESE	4	c	38	85	6	5	-	-	9+	9+	4000	o	*
1011.7	o	E	1	c	33	95	8	6	2	-	7-8	10	2500	1	*
1010.3	-2	E'N	4	c	41	85	7	3	7	-	4-6	9	4000	o	3
1011.9	o	NW	1	c	32	95	8	5	-	-	9	9	4000	o	*
1012.2	-4	ESE	3	c	40	85	8	6	-	-	9+	9+	1500	1	3
1011.4	o	E'S	4	c	41	75	8	7	7	-	2-3	10	2500	o	3
1014.2	+2	ESE	4	c	42	75	8	8	7	-	7-8	10	1500	1	2
*	-2	E	1	c	34	75	8	4	4	-	4-6	7-8	800	1	*
1015.3	+4	E	4	cpr	39	85	7	9	7	-	7-8	9+	1500	1	3
1016.5	-2	SE	5	cpr	39	85	8	8	1	-	7-8	9+	1500	1	3
1020.3	-6	SSE	4	c	41	85	7	5	7	-	7-8	9	1500	o	*
1005.7	-2	E	4	c	41	75	6	-	7	-	o	9	-	o	4
1008.6	-2	E	3	cjp	41	95	7	8	2	-	9	10	1500	o	1
1009.2	o	E	4	c	40	75	6	5	2	8	7-8	9+	2500	1	*
1009.6	+2	ESE	4	cq	41	75	7	9	-	-	7-8	7-8	1500	o	2
1005.4	-4	SE	2	c	41	65	8	5	-	-	7-8	7-8	2500	1	*
1008.5	-6	E'S	5	ir.	44	85	7	6	2	-	7-8	10	1500	o	2
1003.2	-10	E	5	c	43	85	7	3	-	-	9	9	1500	1	5

PAST 24 HOURS.

Distrct.	Stations.	Temperature. Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 29th Hrs. (36)
1	London (Kew)...	46	36	26	Tr	-	0.4
	Croydon ...	46	35	33	Tr	-	2.6
	S. Farnborough	46	34	27	-	Tr	0.7
	Boscombe Down	44	33	30	-	-	0.8
	Calshot (S'thmtn)	47	36	31	-	-	1.8
	Dungeness ...	44	37	*	-	-	*
	Lympne ...	46	34	31	-	Tr	5.3
2	Shoeburyness	47	36	31	Tr	-	4.7
	Felixstowe ...	45	34	30	-	-	5.3
	Gorleston ...	44	39	38	-	-	5.0
	Cranwell ...	45	31	23	0.2	-	0.4
3	Birmingham ...	43	34	29	-	-	0.0
	Upper Heyford	45	30	27	-	-	*
4	Ross-on-Wye ...	44	31	24	-	-	0.0
5	Portland Bill...	45	39	*	-	-	*
	Plymouth ...	47	41	38	-	-	4.2
	The Lizard ...	46	43	*	-	0.3	*
	Scilly (St. Mary's)	45	43	*	1	0.2	0.0
	Guernsey ...	47	43	36	-	-	9.6
6	Pembroke ...	47	39	*	-	-	8.5
7	Holyhead ...	47	40	39	-	-	6.6
	Chester (Sealand)	46	37	35	-	-	0.0
8	L'pool (Bidston)	44	36	36	-	-	0.2
	Manchester	47	32	26	-	-	0.4
9	Harrogate ...	42	32	25	Tr	-	0.0
10	Spurn Head ...	45	40	*	Tr	Tr	0.0
	Catterick ...	43	32	27	Tr	-	0.0
	Tynemouth ...	42	37	35	Tr	1	*
11	Inchkeith ...	43	37	35	Tr	Tr	0.2
	Leuchars ...	44	36	33	0.1	2	0.0
12	Renfrew (Abbotts D	45	37	36	Tr	-	2.6
	Eskdalemuir ...	41	33	32	Tr	0.3	0.1
13A	Tiree	47	41	40	-	-	7.3
13B	Stornoway ...	48	41	*	-	-	9.1
15	Dalwhinnie ...	44	33	29	-	0.4	4.0
	Aberdeen ...	44	37	36	1	0.4	1.6
	Wick	44	37	*	0.2	0.3	*
16	Lerwick ...	46	39	*	Tr	Tr	10.9
17	Blacksod Point	51	39	*	-	-	*
18	Malin Head ...	46	40	*	-	-	9.2
	Aldergrove ...	45	40	36	-	-	4.4
	Donaghadee ...	49	40	*	-	-	*
19	Birr Castle ...	51	37	31	-	-	9.3
20	Valentia Obsy.†	51	41	39	-	Tr	3.6
	Roches Point...	46	42	*	-	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.	Weather. Afternoon.	Weather. Night. (24 hrs, ended 9h.)	Temperature. Day Max. °F.	Temperature. Night Min. °F.	Temperature. Min. on Grass °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset, hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
										Yesterday.		To-day.	
Kew	18	o	cz.	bz.mb	46	36	26	Tr	-	0.4	*	*	5
Croydon	217	m.bc.m.	c-bz.	bz.fffbf	46	35	33	Tr	-	2.6	*	*	5
Greenwich (Royal Observatory) ...	140	ddc	cb	bcx	46	34	25	0.3	Tr	1.1	63	71	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0.3	*	*	*
Westminster (St. James' Park) ...	27	*	*	*	46	38	33	0.2 0.1		0.2	86	70	*
†Regents Pk. (Botanic Gardens) ...	128	*	c.	o						0.3			*
Camden Square	110	coc.	cb	*	47	34	27	Tr	-	*	*	75	*
Kensington	80	corbcc	c	*	45	35	29	1	Tr	0.4	At 18h. 66	73 *	*
Hampstead Observatory	450	od	c	bc	43	33	26	0.3	-	0.2	*	85	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.
24 hrs. ended 7h. G.M.T. 30th

South Kensington. Max.	Time.	Min.	Time.
0.6	10h 29th	0.3	0h-7h 30th

Kew Observatory. Max.	Time.	Min.	Time.
0.6	9h. 29th.	0.3	0h. 30th.

FOREIGN OBSERVATIONS.

18h. G.M.T. 29th March

Stations.	Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1006.6	NE	2	bc	50
Brussels	1008.3	NE	3	dd	41
Berlin	1008.7	E	3	ir.	45
Zürich	1004.4	NNW	1	bc	55
Rome					

7h. G.M.T. 30th March

Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
1008.6	-	0	bz.	34
1009.2	-	0	0	36
1007.5	E'S	3	oz.	43
1007.4	NNW	1	b	37
999.3	NE	2	c	36

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
54	30	-	-
46	32	Tr.	-
46	41	Tr.	-
61	36	-	-
*	*		0.2

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.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

SATURDAY. 31st MARCH 1934.

No. 24427

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

Distrct.	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)...	1009·9	-2	E'S	3	c	49	45	6	5	-	-	7-8	7-8	2500
	Croydon ...	1010·3	0	E	3	c	47	55	6	7	-	2	7-8	9	2500
	S. Farnborough	1009·1	-2	SE	3	bc	50	48	7	5	-	8	4-6	4-6	4000
	Boscombe Down	1008·9	+2	SE	3	c	46	65	6	5	2	-	9	10	1500
	Calshot, S'thmtn	1009·2	+6	E'S	5	c	44	75	6	2	-	7	Tr.	10	2500
	Dungeness ...			E	2	bc			6	5	-		4-6	4-6	1500
	Lympne ...	1010·7	+2	ESE	3	c	43	65	8	5	-	-	9+	9+	2500
2	Shoeburyness	1010·6	+4	E'N	3	c	45	65	7	5	1	-	7-8	9	4000
	Felixstowe ...	1010·8	+2	ESE	2	bc	45	75	7	8	-	8	4-6	4-6	2500
	Gorleston ...	1010·6	0	NE	2	bc	45	75	7	8	3	-	2-3	4-6	2500
	Cranwell ...	1011·1	+2	ESE	2	c	46	55	7	8	-	-	9+	9+	4000
3	Birmingham ...	1009·9	+2	E	3	c	43	55	6	5	-	-	9	9	2500
	Upper Heyford	1009·9	+2	E	3	c	46	65	7	7	-	8	4-6	9	2500
4	Ross-on-Wye ...	1009·2	+4	ESE	3	3o	46	65	6	1	1	*	2-3	10	4000
5	Portland Bill...	1007·3	+8	E	5	c	45	85	7	5	-	-	10	10	2500
	Plymouth ...	1005·5	+6	E	5	3o	48	75	6	7	-	8	1	7-8	4000
	The Lizard ...	1004·4	+6	E	5	c	48	95	6	5	2	-	9	10	1500
	Scilly (St. Mary's)	1003·3	+6	SE'E	4	c	52	85	6	5	-	-	7-8	7-8	2500
	Guernsey ...	1005·8	0	ESE	1	3o	51	65	5	-	-	8	0	2-3	-
6	Pembroke ...	1005·7	0	ESE	4	c/pr.	42	85	6	5	-	-	10	10	2500
7	Holyhead ...	1008·2	+2	E'N	4	bc	48	55	7	1	3	1	1	4-6	4000
	Chester (Sealand)	1010·3	0	ESE	3	c	47	55	7	7	-	-	9+	9+	4000
8	L'pool (Bidston)	1010·1	0	SE	3	0	44	55	6	5	-	-	10	10	4000
	Manchester	1010·5	+4	SE	3	3o	44	65	5	5	-	-	9+	9+	4000
9	Harrogate ...	1011·7	0	-	0	ir.	38	95	5	6	2	-	9	10	2500
10	Spurn Head ...	1011·3	+2	NE	2	c	45	75	7	3	7	-	4-6	7-8	4000
	Catterick ...	1012·1	+2	E	1	c	43	75	8	8	2	-	7-8	10	2500
	Tynemouth ...	1012·2	+4	E	3	c/r	41	85	7	6	-	-	10	10	1500
11	Inchkeith ...	1013·6	0	E	2	c	39	85	8	8	-	-	9+	9+	2500
	Leuchars ...	1014·1	+2	E	3	cjp	43	65	7	8	7	-	4-6	10	1500
12	Renfrew (Abbotts'l)	1012·5	0	ENE	4	pr.	42	75	6	8	-	-	9+	9+	2500
	Eskdalemuir ...	1012·6	+4	NE'N	2	c	39	75	7	5	-	-	10	10	1500
13A	Tiree	1012·3	+2	SE'E	4	c	48	55	8	2	7	8	2-3	9	2500
13B	Stornoway ...	1013·9	0	SE	5	bc	45	55	9	1	7	3	2-3	4-6	4000
15	Dalwhinnie ...	1014·2	0	SE	3	bc	41	55	8	4	4	-	4-6	4-6	1500
	Aberdeen ...	1015·6	+2	E'S	4	ir.	41	85	7	6	2	-	7-8	10	1500
	Wick	1017·1	+2	ESE	5	c/pr.	39	85	8	8	1	-	7-8	9+	1500
16	Lerwick ...	1020·3	0	SE	4	c	42	75	8	8	3	-	4-6	7-8	1500
17	Blacksod Point	1006·5	+2	E	4	c	47	65	7	-	7	-	0	10	-
18	Malin Head ...	1009·8	+2	E	3	c/pr.	43	85	8	8	-	-	9	9	1500
	Aldergrove ...	1010·3	+2	E'S	4	c	43	55	8	8	-	-	9	9	2500
	Donaghadee ...	1010·8	+6	ESE	4	q	45	65	8	8	3	-	4-6	7-8	1500
19	Birr Castle ...	1006·2	+6	SE	2	c	44	75	8	6	2	-	7-8	10	2500
20	Valentia Obsy.	1002·5	+10	E'N	3	c	49	85	7	5	-	-	9+	9+	1500
	Roches Point...	1004·4	+6	SE	4	o	45	95	6	5	-	-	10	10	800

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

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)
1010·2	+4	E'N	3	bc	45	55	5	7	3	-	2-3	2-3	4000	0	*
1010·1	+2	E	3	bc	45	65	6	5	3	-	2-3	4-6	5700	1	*
1009·2	0	ENE	3	b	47	55	6	5	-	-	Tr.	Tr.	4000	0	*
1008·8	+2	SSE	2	b	43	75	6	-	-	-	0	0	-	0	
1009·1	0	E'S	4	b	44	75	6	-	-	*	0	0	-	0	3
		NE	4	c			7	4	-		9	9	2500	*	8
1010·9	+4	NE	3	c	41	75	7	-	3	-	0	7-8	-	1	
1010·6	0	E'S	2	c	42	75	8	5	1	-	4-6	7-8	5700	0	*
1011·1	+2	E	1	bc	42	75	7	-	-	8	0	4-6	-	0	1
1011·3	+4	NNE	2	bc	43	75	6	5	-	-	4-6	4-6	2500	0	2
1011·3	+2	E	1	c	43	75	7	5	7	-	9	10	4000	1	*
1010·3	+2	ENE	2	c	43	55	6	-	2	-	0	10	-	1	*
1010·0	+4	E	2	3o	43	75	6	-	1	-	0	4-6	-	1	*
1009·2	+4	ENE	2	c	46	55	7	1	-	7	Tr.	9+	4000	1	
1008·3	+6	E'N	5	c	43	85	7	5	-	-	7-8	7-8	2500	1	4
1006·3	+6	E	6	3o	45	85	6	5	3	9	2-3	4-6	4000	1	2
1005·5	+4	E'N	4	bc	46	95	6	7	-	-	4-6	4-6	2500	1	3
1004·6	+8	ESE	4	bc	48	95	6	5	-	-	4-6	4-6	2500	1	3
1006·1	+4	ENE	3	3o	47	85	6	-	3	-	0	4-6	-	0	3
1007·0	+4	ESE	4	c	46	75	6	5	2	-	7-8	7-8	2500	1	3
1008·9	+10	E'N	3	3o	45	75	6	-	3	5	0	2-3	-	0	*
1010·6	+6	ESE	3	bc	45	65	6	5	-	-	4-6	4-6	4000	0	*
1010·5	0	SE	3	c	45	65	6	5	-	7	4-6	10	4000	0	*
1010·6	+2	E'S	3	3o	44	65	5	5	-	-	9+	9+	4000	0	*
1012·0	0	SE	1	c	39	85	5	6	2	-	9	10	2500	1	*
1011·4	0	NNE	1	c	41	85	7	3	7	-	4-6	7-8	4000	0	2
1012·2	+4	NNE	2	c	40	75	7	5	-	-	10	10	2500	1	*
1012·3	0	NE	2	bc	40	85	8	8	-	-	2-3	2-3	2500	1	2
1014·2	0	E	2	c	40	85	8	8	-	-	9+	9+	2500	0	2
1014·0	0	NE	1	c	41	75	8	8	7	-	4-6	9	1500	1	*
1012·8	+2	E'N	4	3o	42	75	6	5	-	-	9+	9+	5700	0	*
1012·7	+4	NE'N	2	c	38	75	7	5	-	-	10	10	1500	1	
1012·5	0	E'S	4	cjp	43	65	8	5	7	-	4-6	10	2500	0	3
1014·2	+4	SE	4	c	43	75	8	8	7	3	4-6	7-8	1500	1	2
1014·3	+4	ESE	2	c	39	55	8	4	2	-	7-8	10	1500	0	
1015·2	-2	E	3	ir	40	85	6	6	7	-	7-8	9+	1500	1	3
1016·3	-4	ESE	5	ir.	39	95	7	9	2	-	7-8	10	1500	1	3
1019·7	0	SE	4	c	41	75	8	5	2	-	4-6	10	1500	0	
1007·9	+10	ESE	4	ir.	45	75	6	-	1	-	0	10	-	0	4
1010·2	0	E	4	c	43	85	7	8	-	-	9	9	1500	0	1
1010·5	+4	E	2	3o	42	65	7	5	7	6	2-3	7-8	2500	1	*
1010·6	*	ESE	4	q	44	75	8	8	3	-	4-6	7-8	1500	0	3
1007·2	+6	S	1	r.r.	41	85	7	6	-	-	10	10	2500	1	*
1004·1	+12	E'S	2	c	50	75	8	5	2	-	4-6	10	2500	1	2
1005·5	+10	SE	4	o	47	95	6	5	-	-	10	10	800	1	5

PAST 24 HOURS. WEATHER.

7h.–18h. 30th. (37)	18h.–18h. 30th (38)	18h 30th to 1h. 31st (39)	1h.–7h. 31st (40)
b3o ey	cbe3o y	bmo	cmo
bfmc3o	cbe3o y	b3o bw	bs-c
cbby	beyby	bbx	bxbcc
cmmo	cmo bcb	bmo	bbcmox
bcmo	bcbmo	bmo bx	bx
bc	bc		c
c	cbc	bw	c
c	cbe	bc	bcc
epro	bcc	bcc	c
cmoc	cyc	c	cbxmo
bcc	c	c	cbc
bbcc	cbc	bcmob	bmx
o3oc3o	cy	cb3	bmx
c	c	b	bbcc
c3o	cbe3o	bc3ob	b-c
epro c	cbc	bcc	cq
cmo	cbcmo	bccbmo	bbmo
cbc3	bc3	b	bbc3
cmo pro c	epro c	cbmo	cmo
cbc	bcy3o	bccmo	bcmo
bcc	cbc	bcbmo	bbcmx
ocoy	oc	cmobc	bcmo
c3o	c3o	cbc	bcm
cph	cir	cph	cbc
epre	bc	cbc	bcw
id epnq	prc	cbc	bcbx
c3o pro bo	c3o pro	c3o mo	cmoc
pso pro	c	cbcbx	bxbc
c	c	cir	cw
cbcy	bcc	c	epro
iso	c	*	c
cir	cir3o	cir c	epro c
epro	cir	cir	cir
epro	epho	epr	epr
c	ciro	c	c
epro	c	c	epr3o
cmo	cbc	c	c3o
cq	cq	bbc	bc
cro c	orro	oro c	c
cir c	cir c	c	cbc
co3o	air3o	c3o id	id c

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29.—STATE OF GROUND.

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

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

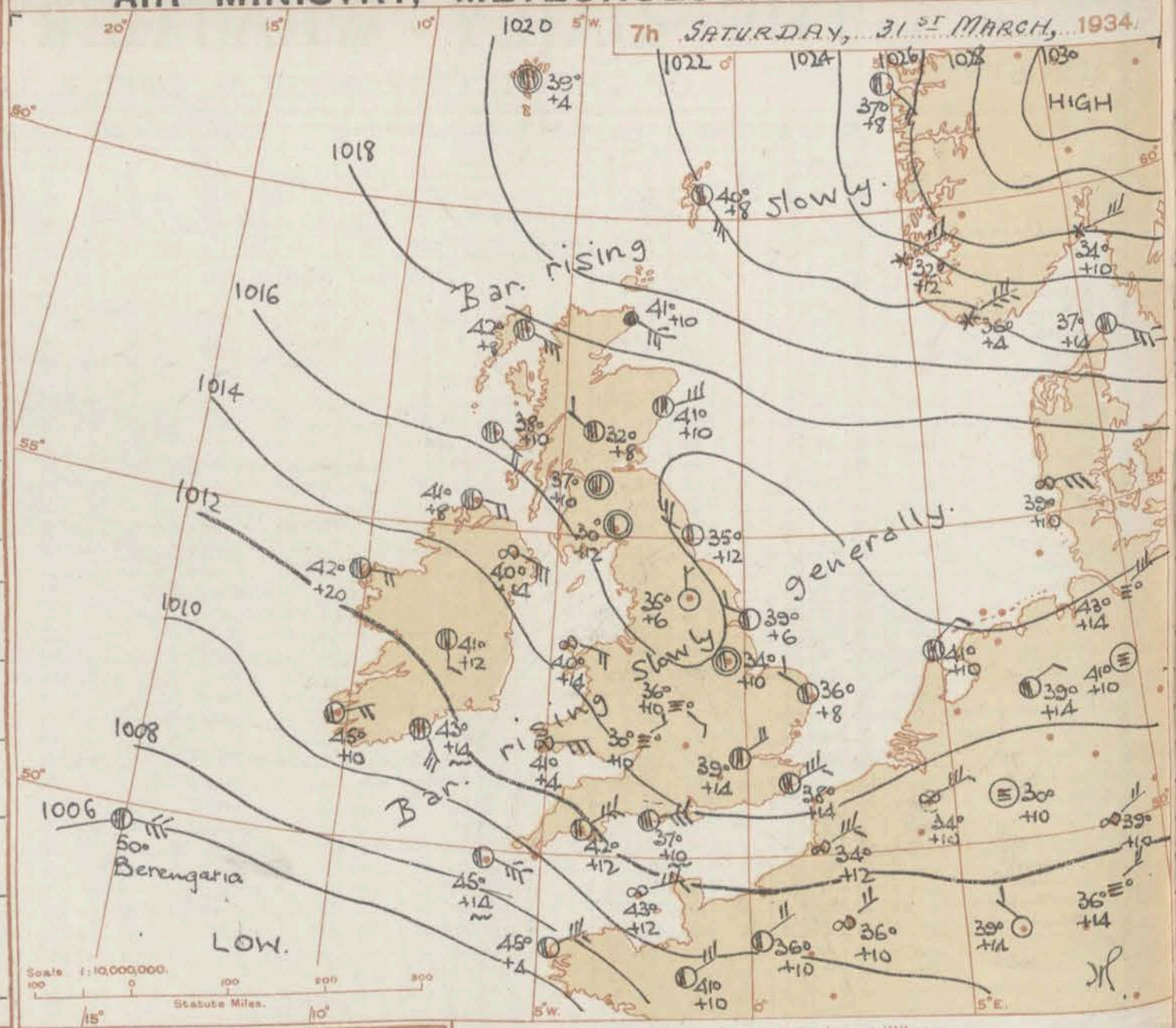
REPORTS from HEALTH RESORTS for 30th March 1934.

Districts.	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.	be	be	34	49	-	-	3·1	2·7
	Bournemouth	oce	b	35	49	-	-	4·5	3·5
	Ventnor ...	coe	cb	40	49	-	-	4·3	9·1
	Southsea ...	c	b	36	47	-	-	4·2	4·6
	Bognor Regis	bcebe	beb	35	46	-	-	5·3	5·4
	Littlehampton	be	bc	33	47	-	-	6·5	4·5
	Worthing ...	bee	bc	36	47	-	-	7·1	6·3
	Brighton ...	cbe	bcb	37	49	-	-	6·6	8·1
	Eastbourne†	oc	c	35	47	-	-	5·0	5·6
	Hastings† ...	cbcb	bbcc	36	47	-	-	6·0	4·9
	Folkestone ...	cbc	b	38	47	-	-	7·3	5·6
	Dover... ...	be	bcb	40	50	-	-	6·8	6·7
	Deal	cbc	bcb	39	48	-	-	4·6	5·8
	Ramsgate ...	bc	be	39	46	-	-	4·6	5·0
	Margate ...	bc	cbc	39	47	-	-	5·1	5·7
2	Southend ...	b	b	36	49	-	-	7·6	2·5
	Maldon ...	c	cb	36	47	-	-	2·6	4·1
	Clacton-on-Sea	cbc	bc	37	48	-	-	5·2	4·9
	Dovercourt ...	bc	bc	36	47	-	-	6·8	5·1
	Lowestoft ...	bcdb	b	39	46	-	Trace	5·8	5·7
	Skegness ...	oc	cbbc	39	45	0·1	-	4·9	0·4
	Mablethorpe	c	bc	38	46	0·5	-	4·2	0·3
	Cleethorpes ...	oc	cbco	39	47	-	-	3·2	0·0
3	Leamington S.	co	o	33	46	-	-	2·5	0·0
4	Cheltenham†	beqc	cm_o	32	48	-	-	4·4	0·3
5	Bath	o	cbcb	34	50	-	-	1·2	0·0
	Weymouth ...	c	cb	38	46	-	-	4·2	5·7
	Jersey ...	cbc	bcb	41	57	-	-	7·0	8·2
	Torquay ...	c_{3o}qbc	bcc_{3o}	39	49	-	-	2·8	1·6
	Penzance ...	cmpc	cbcb	42	50	0·2	Trace	0·9	1·4
	St. Ives ...	o	c	40	48	-	-	0·1	0·7
	Bude	cpc	cbc	34	50	-	Trace	0·7	8·1
	Ilfracombe ...	oc	co	39	51	-	-	0·2	5·3
6	Aberystwyth	cbc	bbc	37	49	-	-	5·7	7·2
7	Llandudno ...	cbc	bc_{3o}	38	49	-	-	4·6	1·2
	Colwyn Bay...	bcc	bcc	36	49	-	-	6·0	1·7
	Rhyl	bc_{3o}	bc_{3o}	37	50	-	-	6·7	0·2
8	Wallasey ...	cbc	bcbc	37	47	-	-	2·1	0·0
	Southport‖ ...	oco	co	34	47	-	-	1·4	0·1
	Blackpool ...	oc	c	34	47	-	-	0·5	0·5
	Morecambe ...	cbcc	c	35	46	-	-	0·1	1·9
9	Ilkley... ...	cphr	cprc	30	43	1	0·5	0·7	0·0
10	Berwick-on-T.	or_o	cbc	35	44	0·5	Trace	1·3	0·0
11	Dunbar ...	crs	cph	36	42	4	1	0·1	0·0
12	Troon... ...	cococ	cbcoc	38	48	-	-	1·9	3·1
	Douglas ...	bcq	$bccb_3$	38	45	-	-	8·7	5·2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h SATURDAY, 31st MARCH, 1934



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st. March 1934
1. S.E. England	Light or moderate east or northeast wind; fair; becoming brighter; slightly higher day temperature; ground frost at night.
2. E. England...	Light variable or east to northeast wind; fair; variable cloud; slightly higher day temperature inland; ground frost at night.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh east wind; fair; becoming brighter; slightly higher day temperature; ground frost locally at night.
6. South Wales	
7. North Wales	Light east wind; fair; normal day temperature; ground frost at night.
8. N.W. England	
9. N Midlands	
10. N.E. England	Light variable to east wind; local showers, bright intervals at first, becoming cloudy again; slightly higher day temperature inland, ground frost locally at night.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. {A. W Scotld. B. N.W. Scotland.	As 6 - 9.
14. Mid-Scotland	Moderate or light east wind; cloudy, some showers; snow on higher hills; rather cold.
15. N.E Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	As 6 - 9.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

GENERAL INFERENCE.

An anticyclone over Scandinavia is spreading slightly southwest. Weather will be fair except for local showers in northeast districts, and will become brighter in the South.

FURTHER OUTLOOK.

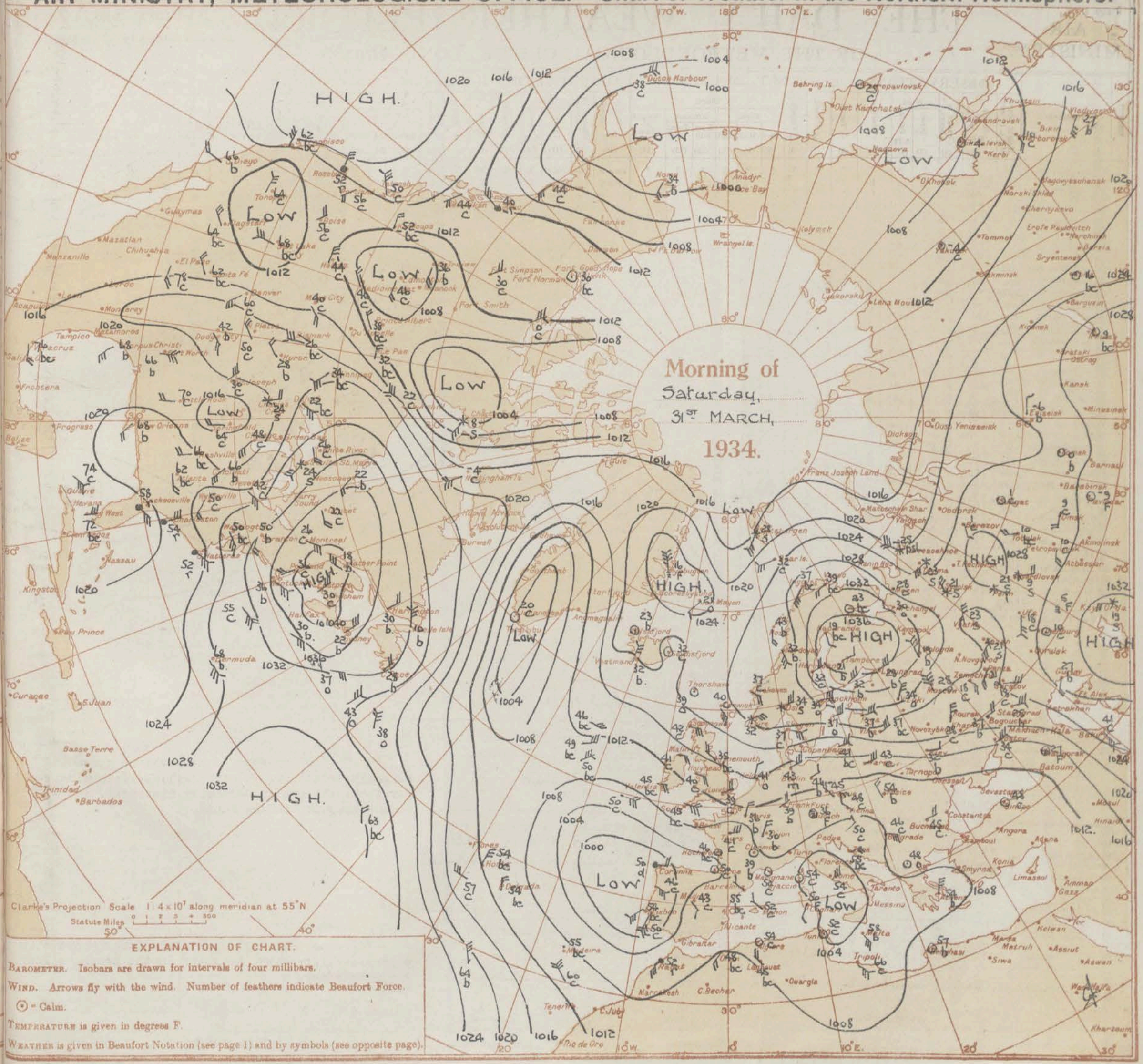
Fair over Monday, apart from local showers in Northeast districts; brighter in the South, milder during the day.

Forecasts issued at 0950 G.M.T.

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

H.M. Stationery Office Press, Kingsway, W.C.2. Ph P68/8701 wt 41 p.800: 6c 906. 29/40 J.34

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

⊙ = Calm.

TEMPERATURE is given in degrees F.

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

SATURDAY, 31st MARCH 1934.

No. 26,427

OBSERVATIONS at 1 hr. G.M.T. 31st March

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	10129	+6	E	1	b	33	85	7	-	-	-	0	0	-
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lympne	346	1013.1	+4	ENE	3	bc	35	86	8	4	-	-	4-6	4-6	4000
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gorleston	5	1013.9	+8	NEN	2	c	41	85	7	5	-	-	7-8	7-8	2500
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	Portland Bill	32	1010.3	+6	E	5	b	43	85	7	-	-	-	0	0	-
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	The Lizard	240	1008.2	+10	E	4	c	45	95	7	8	-	-	7-8	7-8	2500
	Scilly (St. Mary's)	163	1007.3	+6	ESE	5	bc	45	85	6	5	3	-	2-3	4-6	2500
	Guernsey	175	1008.7	+10	E	3	b	44	86	6	-	-	-	0	0	-
6	Pembroke	142	1009.8	+10	E	2	3o	42	85	6	5	7	-	4-6	7-8	5700
7	Holyhead	26	1012.1	+12	E	3	bc	40	86	5	-	3	-	0	2-3	-
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	Spurn Head	29	1013.5	+4	NW	2	bc	38	85	8	-	3	-	0	4-6	-
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Tynemouth	100	1014.1	+4	W	2	c	37	95	6	9	-	-	7-8	7-8	1500
11	Inchkeith	190	1016.1	+4	NNE	3	c/pr	39	95	8	8	7	-	4-6	10	2600
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12	Renfrew (Abbotts D)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13B	Stornoway	34	1016.2	+6	SE	3	c	42	75	7	5	2	-	9	10	1500
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick	81	1017.7	+2	ESE	5	ir.	40	85	8	9	2	-	7-8	10	1500
16	Lerwick	54	1021.0	0	SSE	4	pr	40	85	7	8	2	-	9	10	800
17	Blacksod Point	18	1011.0	+22	E	3	c	42	85	7	-	1	-	0	10	-
18	Malin Head	52	1012.7	+4	E	1	c	42	95	6	5	-	-	10	10	1500
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	Valentia Obsy.†	30	1008.0	+14	SE	3	c	46	95	8	7	-	-	9+	9+	2500
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OBSERVATIONS at 7 hr. G.M.T. 31st March

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	+12	NE'N	3	c	38	75	5	5	-	-	7-8	7-8	2500	0	*
	Croydon	1014.8	+14	ENE	2	c	39	85	6	5	-	-	10	10	1500	1	*
	S. Farnborough	1015.5	+10	ENE	3	c	37	85	6	5	-	-	9+	9+	2500	1	*
	Boscombe Down	1014.3	+16	ENE	2	bc	34	95	5	6	-	-	4-6	4-6	800	0	*
	Calshot (S'thmtn)	1013.6	+12	NE	4	b	37	85	7	-	-	-	0	0	-	0	2
	Dungeness	*	*	NE	4	c	*	*	7	4	-	*	9+	9+	2500	*	2
	Lympne	1014.7	+14	ENE	4	c	38	85	8	6	-	-	10	10	1500	0	*
2	Shoeburyness	1015.0	+14	ENE	2	c	40	75	8	5	-	-	9	9	2500	0	*
	Felixstowe	1015.7	+12	NE'N	2	c	40	75	7	5	-	-	9+	9+	1500	0	2
	Gorleston	1015.7	+8	NW'W	1	bc	36	65	6	5	-	-	4-6	4-6	2500	0	2
	Cranwell	1016.0	+10	-	0	bc	34	95	6	5	-	-	2-3	2-3	4000	1	*
3	Birmingham	1015.8	+10	ESE	1	m	36	85	4	-	3	1	0	4-6	-	1	*
	Upper Heyford	1015.9	+14	ENE	2	m	31	95	4	-	-	-	0	0	-	1	*
4	Ross-on-Wye	1015.0	+16	NE	1	m	30	95	4	-	-	-	0	0	-	4	*
5	Portland Bill	1012.4	+12	E	5	c	40	95	7	4	-	-	10	10	2500	0	4
	Plymouth	1011.4	+12	ENE	5	c	42	85	7	6	-	-	9+	9+	800	1	2
	The Lizard	1009.5	+10	E'N	5	c	44	95	7	8	6	-	4-6	7-8	2500	1	3
	Scilly (St. Mary's)	1009.1	+14	E'S	5	bc	45	95	6	5	-	-	4-6	4-6	2500	1	4
	Guernsey	1010.6	+12	ENE	4	3o	43	95	5	-	1	1	0	2-3	-	0	3
6	Pembroke	1012.5	+4	E	3	3o	41	85	6	5	-	-	7-8	7-8	4000	0	2
7	Holyhead	1014.1	+14	E'S	2	3o	40	85	6	5	-	6	4-6	7-8	5700	1	1
	Chester (Sealand)	1015.6	+10	SE.	1	m	32	95	4	5	-	2	1	4-6	4000	4	*
8	L'pool (Bidston)	1015.5	+10	SE	3	3o	37	95	5	5	-	1	4-6	4-6	2500	0	*
	Manchester	1015.4	+12	ENE	2	m	36	95	4	5	3	1	4-6	4-6	4000	0	*
9	Harrogate	1016.2	+6	N	1	bc	35	95	6	6	-	2	1	2-3	2500	1	*
10	Spurn Head	1015.3	+6	WNW	1	bc	39	85	7	-	2	1	0	2-3	-	0	2
	Catterick	1016.2	+12	W'N	1	bc	31	95	7	-	-	1	0	2-3	-	4	*
	Tynemouth	1014.8	+12	NW	2	bc	35	95	6	2	-	-	4-6	4-6	2500	1	2
11	Inchkeith	1016.2	+8	N	2	c	39	85	8	5	-	-	9+	9+	2500	0	2½
	Leuchars	1016.2	+10	NNW	2	3o	37	85	8	6	7	-	7-8	10	1500	1	*
12	Renfrew (Abbotts D)	1016.5	+10	-	0	c	37	95	7	5	-	-	9	9	4000	0	*
	Eskdalemuir	1016.6	+12	-	0	bc	30	95	8	5	-	1	Tr.	4-6	4000	4	
13A	Tiree	1016.3	+10	SE'E	2	c	38	85	9	-	7	7	0	10	-	0	2
13B	Stornoway	1017.5	+8	ESE	3	c	42	85	8	8	2	-	4-6	10	1500	1	1
15	Dalwhinnie	1017.0	+8	NW	1	c	32	95	7	4	2	-	7-8	10	450	0	*
	Aberdeen	1017.0	+10	ENE	3	c	41	85	7	8	9	-	4-6	7-8	2500	1	3
	Wick	1018.3	+2	ESE	5	ir.	41	85	7	9	2	-	7-8	10	1500	1	3
16	Lerwick	1021.9	+8	SSE	3	c	40	75	8	8	1	1	4-6	9	1500	1	*
17	Blacksod Point	1013.0	+20	E	2	c	42	95	7	-	1	-	0	10	-	0	3
18	Malin Head	1014.8	+8	E	2	c	41	95	6	8	-	-	10	10	1500	1	0
	Aldergrove	1015.6	+14	E'N	3	3o	40	85	7	5	7	-	2-3	9+	2500	1	*
	Donaghadee	1015.5	*	SE	3	bc	42	75	8	8	3	-	4-6	4-6	1500	0	2
19	Birr Castle	1012.4	+12	S	1	c	41	85	7	5	-	-	9	9	2500	1	*
20	Valentia Obsy.†	1010.9	+10	E	2	bc	46	85	8	-	3	2	0	4-6	-	1	1
	Roches Point	1011.8	+14	SE	3	c	43	85	8	5	-	-	7-8	7-8	1500	1	4

PAST 24 HOURS.

District	Stations	Temperature. Max. Day 7h-18h °F. (31)	Temperature. Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Rainfall. Day 7h-18h mm. (34)	Rainfall. Night 18h-7h mm. (35)	Sunshine 30th Hrs. (36)
1	London (Kew)	49	35	23	-	-	1.7
	Croydon	48	32	25	-	-	1.3
	S. Farnborough	53	31	22	-	Tr.	6.3
	Boscombe Down	49	31	27	-	-	2.3
	Calshot (S'thmtn)	46	35	31	-	-	4.5
	Dungeness	48	38	*	-	-	*
	Lympne	46	35	31	-	-	2.7
2	Shoeburyness	48	37	31	-	-	4.9
	Felixstowe	46	37	34	-	-	6.1
	Gorleston	45	35	33	Tr.	-	4.9
	Cranwell	48	32	24	-	-	0.2
3	Birmingham	45	36	28	-	-	2.8
	Upper Heyford	48	30	22	-	Tr.	*
4	Ross-on-Wye	48	29	19	-	-	1.1
5	Portland Bill	45	38	*	-	-	*
	Plymouth	49	41	40	-	-	5.1
	The Lizard	50	43	*	Tr.	-	*
	Scilly (St. Mary's)	52	44	*	-	-	3.5
	Guernsey	52	42	37	-	-	5.6
6	Pembroke	46	39	*	Tr.	-	0.0
7	Holyhead	48	38	34	-	-	6.4
	Chester (Sealand)	49	28	21	-	-	1.9
8	L'pool (Bidston)	46	35	33	-	-	2.0
	Manchester	47	35	29	-	-	1.7
9	Harrogate	40	33	28	2	0.1	0.0
10	Spurn Head	47	37	*	0.2	Tr.	5.4
	Catterick	43	28	22	0.6	-	0.0
	Tynemouth	42	34	31	0.2	1	*
11	Inchkeith	42	37	32	0.1	0.1	0.0
	Leuchars	44	34	29	Tr.	0.5	0.1
12	Renfrew (Abbotts D)	46	36	33	0.2	-	0.5
	Eskdalemuir	41	28	22	Tr.	-	0.6
13A	Tiree	48	37	33	-	Tr.	2.1
13B	Stornoway	45	41	*	-	Tr.	4.5
15	Dalwhinnie	42	28	27	0.6	-	1.3
	Aberdeen	43	38	37	0.4	1	0.1
	Wick	42	38	*	1	1	*
16	Lerwick	43	38	*	Tr.	1	0.4
17	Blacksod Point	49	41	*	Tr.	Tr.	*
18	Malin Head	44	39	*	Tr.	1	2.0
	Aldergrove	45	38	31	-	-	2.3
	Donaghadee	47	40	*	-	-	*
19	Birr Castle	44	39	33	1	Tr.	0.0
20	Valentia Obsy.†	52	44	38	1	-	1.5
	Roches Point	47	41	*	0.4	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.	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. 18h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 hrs. ended 9h.								Yesterday.		To-day.	
Kew	18	b3oc y	cbc3o y	bm.cm.	49	35	23	-	-	1·7 ~~1·2~~	*	*	6
Croydon	217	bfmc3o	cbc3o y	b3b3-c	49	32	25	-	-	1·3	*	*	6
Greenwich (Royal Observatory)	149	c	cbc y	bxc	50	33	21	-	Tr.	2·9	57	75	6
City (Bunhill Row)	—	*	*	*	*	*	*	*	*	0·9	*	*	*
Westminster (St. James' Park)	27	*	*	*	49	38	31	-		0·8	61	73	*
†Regents Pk. (Botanic Gardens)	129	*	*	*	49	35	29	-	-	0·7	67	82	*
Camden Square	110	bcc	cb	*	49	34	26	-	-	*	*	78	*
Kensington	80	bc	bc	*	50	36	29	-	-	0·6	At 18h. 61	77	*
Hampstead Observatory	450	bc	bc	bc	46	33	26	-	-	1·6	*	84	*

FOREIGN OBSERVATIONS.

Stations.	18h. G.M.T. 30th March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	7h. G.M.T. 31st March: Barom. mb.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.
Paris	1007.4	NE	2	bc	52	1011.1	NNE	2	b3o	36
Brussels	1010.3	NE	3	b	41	1013.6	NE'E	4	b3o	34
Berlin	1010.0	E	4	bc	54	1015.0	ENE	1	3o	41
Zurich						1010.3	NW	1	b3o	39
Rome	1001.8	NNE	2	c	55	1003.4	ENE	3	c	54

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 hrs. ended 7h. G.M.T. 31st

South Kensington. Max.	Time.	Min.	Time.
0·6	20th. 30th.	‹0·3	2-7h. 31st.

Kew Observatory. Max.	Time.	Min.	Time.
0·5	21h. 30th.	0·1	6h. 31st.

Past 24 Hours.

Max. Day °F.	Min. Night °F.	Rainfall. Day. mm.	Rainfall. Night. mm.
57	34	-	-
46	30	-	-
61	39	-	-
	37		-
*	*	3	0·5

EXPLANATION OF FIGURES, LETTERS, etc.

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

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

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

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

COLUMNS 8, 22.—Code for surface visibility.

	Objects not visible at
0 Dense fog	55 yards.
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles.
5 Poor visibility	2½ ,,
6 Moderate ,,	6¼ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

COLUMN 30.—Code for State of Sea.

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

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